

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

## 1a. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

## b. TYPE OF WELL

OIL  
WELL ☒GAS  
WELL ☐

OTHER

SINGLE  
ZONE ☐MULTIPLE  
ZONE ☐

## 2. NAME OF OPERATOR

Chevron U.S.A. Inc.

## 3. ADDRESS OF OPERATOR

P.O. Box 599, Denver, CO 80201

## 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)

At surface

1900' FSL &amp; 620' FEL (NE, SE)

At proposed prod. zone

## 14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*

±18 miles southeast of Jensen, Utah

## 15. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST  
PROPERTY OR LEASE LINE, FT.  
(Also to nearest drlg. unit line, if any)

620'

18. DISTANCE FROM PROPOSED LOCATION\*  
TO NEAREST WELL, DRILLING, COMPLETED,  
OR APPLIED FOR, ON THIS LEASE, FT.

1600'

## 16. NO. OF ACRES IN LEASE

Within Unit

## 19. PROPOSED DEPTH

5900'

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

40

## 20. ROTARY OR CABLE TOOLS

Rotary

## 21. ELEVATIONS (Show whether DF, RT, GR, etc.)

GR: 5627'

## 22. APPROX. DATE WORK WILL START\*

November 16, 1985

## 23.

## PROPOSED CASING AND CEMENTING PROGRAM

| SIZE OF HOLE | SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH  | QUANTITY OF CEMENT  |
|--------------|----------------|-----------------|----------------|---------------------|
| 16"          | 14"            | 48              | 50'            | To Surface          |
| 12 1/4"      | 9-5/8"         | 36              | 500'           | ±250 sks to surface |
| 8-3/4"       | 7"             | 23 & 23         | 4900'<br>5900' | To Surface          |

It is proposed to drill this Development Well to a depth of 5900' to test the Lower Green River Formation.

## Attachments:

Certified Plat

Drilling Program

Chevron Class III BOPE &amp; Wellhead Specifications

Multi Point Surface Use Plan

Completion procedure to be submitted by Sundry Notice.

3-BLM 1-LLK  
2-STATE  
2-PARTNERS  
1-RKW  
1-ALF  
1-Geo.  
1-LJT  
1-Sec. 724C  
3-DRLG

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

## 24.

SIGNED

*L. L. Kirkpatrick*

TITLE Permit Coordinator

DATE October 14, 1985

(This space for Federal or State office use)

PERMIT NO.

43-047-31682

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

APPROVED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS, AND MINING

DATE: 10/31/85

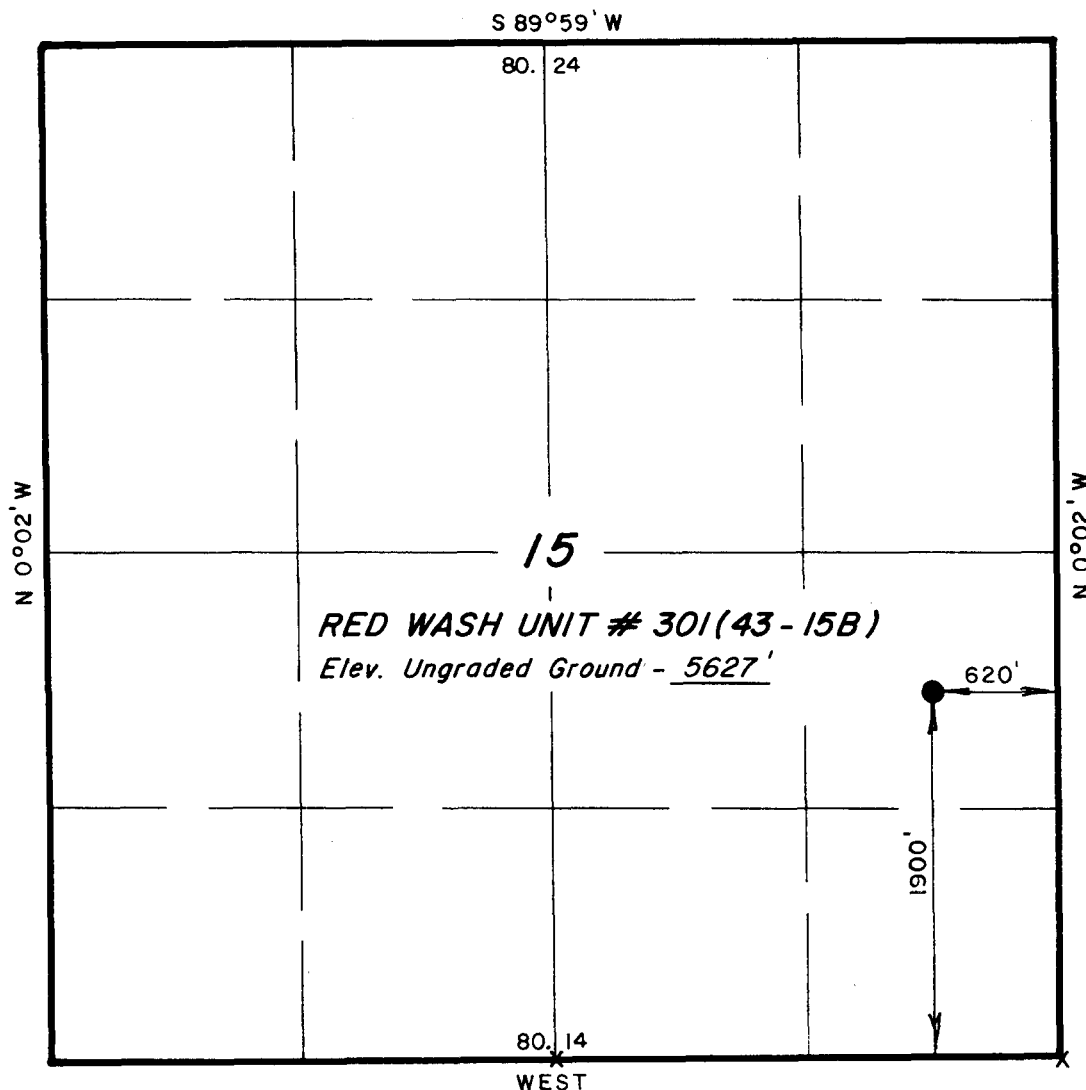
BY: John R. Baker

WELL SPACING: A3 Unit well

*T 7 S, R 23 E, S.L.B.&M.*

PROJECT  
**CHEVRON U.S.A. INC.**

Well location, *RED WASH UNIT #301 (43 - 15B)*, located as shown in the NE 1/4 SE 1/4, Section 15, T 7 S, R 23 E, S.L.B. & M. Uintah County, Utah.



X = Section Corners Located



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF

*[Signature]*  
REGISTERED LAND SURVEYOR  
REGISTRATION NO 2454  
STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING  
P.O. BOX Q - 85 SOUTH - 200 EAST  
VERNAL, UTAH - 84078

|                         |                        |
|-------------------------|------------------------|
| SCALE<br>1" = 1000'     | DATE<br>9/30/85        |
| PARTY<br>LT, HM, CM, JH | REFERENCES<br>GLO Plat |
| WEATHER<br>Fair         | FILE<br>CHEVRON        |



## DRILLING PROGRAM

Field Red Wash Unit Well RWU #301 (43-15B) Exp/Dev Dev.

Location Section 15, T7S, R23E, 1900'FSL, 620'FEL, Uintah County, Utah

Drill X Deepen \_\_\_\_\_ Elevations: GL 5627' KB 5642'

Directional/Straight Hole: Proposed Measured TD 5900' TVD 5900'

KOP \_\_\_\_\_ Build \_\_\_\_\_ Max. Angle \_\_\_\_\_ Avg. Angle \_\_\_\_\_

Target Location \_\_\_\_\_ Bearing from Surface \_\_\_\_\_

### 1. Conductor Hole

Hole Size 16" Proposed Depth 50' Casing Size, Weight & Grade 14"

### 2. Surface Hole

Hole Size 12 1/4" Proposed Depth 500' BOPE NONE

| Mud Program: Type | MW          | FV        | WL        | Other     |
|-------------------|-------------|-----------|-----------|-----------|
| <u>Gel-Water</u>  | <u>±8.5</u> | <u>--</u> | <u>--</u> | <u>--</u> |

Potential Hazards: NONE

Electric Logging Program: NONE

Core/DST Program: NONE

Casing Program: \*

| Size          | Grade       | Weight     | Thread          | Section Length |
|---------------|-------------|------------|-----------------|----------------|
| <u>9-5/8"</u> | <u>K-55</u> | <u>36#</u> | <u>ST&amp;C</u> | <u>500'</u>    |

\*Actual Wt., Grade, & Thread may vary depending upon available stock on hand.

Cement Program: Lead Slurry

Tail Slurry Class "G" with 2% CaCl<sub>2</sub> - 250 sks

WOC Time 6 hrs. Casing Test 1000 psi Shoe test MWE 8.6 (static) ppg

### 3. Intermediate Hole

Hole Size \_\_\_\_\_ Proposed Depth \_\_\_\_\_ BOPE \_\_\_\_\_

| Mud Program: Type | MW    | FV    | WL    | Other |
|-------------------|-------|-------|-------|-------|
| _____             | _____ | _____ | _____ | _____ |
| _____             | _____ | _____ | _____ | _____ |
| _____             | _____ | _____ | _____ | _____ |

Potential Hazards: \_\_\_\_\_

Electric Logging Program: \_\_\_\_\_

Core/DST Program: \_\_\_\_\_

Casing Program: \_\_\_\_\_

| Size  | Grade | Weight | Thread | Section Length |
|-------|-------|--------|--------|----------------|
| _____ | _____ | _____  | _____  | _____          |
| _____ | _____ | _____  | _____  | _____          |
| _____ | _____ | _____  | _____  | _____          |
| _____ | _____ | _____  | _____  | _____          |

Cement Program: Lead Slurry

Tail Slurry

WOC Time \_\_\_\_\_ hrs. Casing Test \_\_\_\_\_ psi Shoe test MWE \_\_\_\_\_ ppg

#### 4. Oil String/Liner Hole

Hole Size 8-3/4" Proposed Depth 5775' BOPE Chevron Class III - 3000 psi W.P.  
Mud Program: Type MW FV WL Other  
Gyp-Water ±8.6 -- -- 500'-2500'  
Gel-Water-Chem. ±9.0 40 ±10 cc 2500'-T.D.

Potential Hazards: Lost Circulation

Electric Logging Program: DIL-SFL-SP-GR, LTD-CNL w/GR-CAL, EPT-Microlog

Core/DST Program: 5115'-5235' (120'), 5555'-5675' (120')

Casing Program: \*

| Size      | Grade       | Weight         | Thread          | Section Length       |
|-----------|-------------|----------------|-----------------|----------------------|
| <u>7"</u> | <u>N-80</u> | <u>23#/ft.</u> | <u>LT&amp;C</u> | <u>5900'-4900'</u>   |
| <u>7"</u> | <u>K-55</u> | <u>23#/ft.</u> | <u>LT&amp;C</u> | <u>Surface-4900'</u> |

\*Actual Wt., Grade, & Thread may vary depending upon available stock on hand.

Cement Program: Lead Slurry Low density filler cement

Tail Slurry Class "G" Tailored for depth & temp.

WOC Time 12 hrs. Casing Test 1500 psi

#### 5. Auxiliary Equipment

|                    |              |                                  |             |
|--------------------|--------------|----------------------------------|-------------|
| Mud Logging Unit @ | <u>2000'</u> | Rotating Head @                  | <u>--</u>   |
| Geolograph @       | <u>Spud</u>  | Degasser @                       | <u>500'</u> |
| Visulogger @       | <u>--</u>    | Desilter @                       | <u>Spud</u> |
| Adj. Choke @       | <u>500'</u>  | Centrifuge @                     | <u>--</u>   |
| PVT & Flowmeter @  | <u>Spud</u>  | Mud Cleaner @                    | <u>Spud</u> |
| Trip Tank @        | <u>Spud</u>  | H <sub>2</sub> S Safety Equip. @ | <u>--</u>   |

Other: Full opening drill pipe safety valve, inside BOP, upper & lower Kelly cock valves at spud.

#### 6. Drill String Design

Surface Hole:

BHA 12 1/2" bit, 1 x 8" D.C., STAB., 2 x 8" D.C.'s, XO 6-3/4" D.C.'s.  
Drill Pipe 4 1/2", 16.60 E

Intermediate Hole:

BHA N/A  
Drill Pipe

Oil String/Liner Hole:

BHA 8-3/4" bit, 6-3/4" drill collars  
Drill Pipe 4 1/2", 16.60 E

#### 7. Other

Inspect BHA after 200 rotating hours.  
In "straight" holes run inclination surveys every ±500 feet.  
Gyro Surveys None  
Check drilling breaks for flow below 2000 feet.  
Fill drill pipe every 20 stds when running float.

#### 8. General Remarks

Attached

#### 9. Geologic Program

Attached

Prepared By Steve Liu Date 10-4-85 Drilling Superintendent Lee Date 10/4/85

## DRILLING PROGRAM ATTACHMENT

### GENERAL REMARKS

1. Applicable Federal and State Regulations will be adhered to during the drilling of this well.
2. The drilling rig is to be level and the kelly centered over the hole before drilling operations commence. Check periodically during the drilling of the well to insure the rig stays level.
3. Prior to spud insure all toolpushers, drillers and crews are thoroughly familiar with and understand the Chevron procedure for handling well kicks.  
  
In H<sub>2</sub>S environments Chevron's contingency plan for your location is to be read, understood and adhered to. All personnel are to be thoroughly familiar with the use of air packs, the air supply system, locations of air packs and what to do in the event of sour gas to surface.
4. Test BOPE before drilling out and every seven days thereafter. Perform low pressure test (200 psi) and high pressure test. High pressure test should be 70% of BOPE working pressure or 70% of burst of last casing string, whichever is less. Record BOP tests on Tour Reports. Notify applicable Federal and State Regulatory Agencies 24 hours in advance of BOPE tests and record notification and names on Tour Reports.
5. Do not reuse ring gaskets. Replace with new Rx or Bx ring gaskets.
6. Separate full opening safety valves and inside BOP's are required for each size drill pipe in use. Test weekly with BOPE.
7. Run full open valve below kelly that can be run in the hole if necessary. Do not use this valve as a mud saver sub.
8. BOP controls are to remain in the open position during drilling operations.
9. Hold pit drills for each crew at least once every seven days and record on Tour Reports.
10. On trips fill the annulus before hydrostatic pressure drops 75 psi or every 5 stds of drill pipe, whichever is first. Use trip tanks to measure hole fill-up and monitor at all times.
11. Use drill pipe floats at all times unless your supervisor instructs otherwise.
12. Have wear ring installed in wellhead before tripping or rotating. Remember to remove wear ring before running casing or when testing BOPE.

13. Casing rams are to be installed and bonnets tested on last trip out before running casing.
14. Run pilot and thickening time tests with rig mixing water for all cement slurries prior to cementing operations.
15. Casing should be tested to 1,500 psi or 0.2 psi/ft., whichever is greater, prior to drilling out and recorded on Tour Reports. Discuss the test pressure with your supervisor and reference DM-49 before testing.
16. Drill out slick beneath each casing string. Drill deep enough to bury stabilization to be picked up.
17. Do not drill with hardbanded pipe inside of casing.
18. Do not run full gauge stabilizers. Run stabilizers 1/16" to 1/8" undergauge.
19. When necessary to work pipe, keep pipe moving up and down. Rotating alone is not considered sufficient.
20. Install and test full lubricator on all logging runs unless instructed otherwise by supervisor.
21. Fully describe damaged or lost equipment on Tour Reports.

GEOLOGIC PROGRAM

Field/Area Red Wash Field Expl/Dev Development

Well Name RWU #301 (43-15B)

Location: Sec 15 TWP 7S Range 23E  
Co Uintah State Utah  
Surface NESE 1900' FSL 620' FEL  
Bottom Hole -

Elevation: GL estimated 5620' Surveyed \_\_\_\_\_  
KB estimated 5640' Surveyed \_\_\_\_\_

Total Depth 5900' Fm at TD Green River Fm.

Objectives: Primary Lower Green River Fm.  
Secondary Uinta Fm.

| Coring:          | Formation    | Estimated Depth  | Amount      |
|------------------|--------------|------------------|-------------|
| Interval/on show | <u>IB-ID</u> | <u>5115-5235</u> | <u>120'</u> |
| Interval/on show | <u>KB-KE</u> | <u>5555-5675</u> | <u>120'</u> |
| Interval/on show | _____        | _____            | _____       |
| Interval/on show | _____        | _____            | _____       |
| Interval/on show | _____        | _____            | _____       |

Drill Stem Testing None

Mud Logging Conventional 2-man unit from 2000' to TD.

| Electric logging:                | Surface | Intermediate | Total Depth          |
|----------------------------------|---------|--------------|----------------------|
| 1) <del>DIL-SP</del>             | _____   | _____        | <u>-</u>             |
| 2) <del>DIL-MSFL-SP-GR</del>     | _____   | _____        | <u>Surface to TD</u> |
| 3) <del>BHC w/GR, Cal.</del>     | _____   | _____        | <u>-</u>             |
| 4) <del>LDT-CNL w/GR, Cal.</del> | _____   | _____        | <u>2000' to TD</u>   |
| 5) <del>FDC-CNL w/GR, Cal.</del> | _____   | _____        | <u>-</u>             |
| 6) <del>Dipmeter</del>           | _____   | _____        | <u>-</u>             |
| 7) <del>Velocity survey</del>    | _____   | _____        | <u>-</u>             |
| 8) <del>RFT</del>                | _____   | _____        | <u>-</u>             |
| 9) <del>EPT-Microlog</del>       | _____   | _____        | <u>4400' to TD</u>   |
| 10)                              | _____   | _____        | <u>-</u>             |
| 11)                              | _____   | _____        | <u>-</u>             |

All runs from TD to either base of surface casing or overlap with previous log run unless otherwise noted.

# GEOLOGIC PROGRAM (Continued)

## Tops:

| Formation   | Estimated<br>Depth, datum | Sample<br>Depth, datum | Log<br>Depth, datum |
|-------------|---------------------------|------------------------|---------------------|
| Green River | 3012 (+2628)              |                        |                     |
| F           | 4409 (+1231)              |                        |                     |
| G           | 4628 (+1012)              |                        |                     |
| H           | 4868 (+ 772)              |                        |                     |
| I           | 5068 (+ 572)              |                        |                     |
| J           | 5358 (+ 282)              |                        |                     |
| K           | 5482 (+ 158)              |                        |                     |
| KA          | 5529 (+ 111)              |                        |                     |
| KB          | 5558 (+ 82)               |                        |                     |
| LA          | 5735 (- 95)               |                        |                     |
| Wasatch     | 6000 (- 360)              |                        |                     |

## Correlation Wells:

### Correlative Zones with Subject Well

|             | Fm    | Interval  |                                         |
|-------------|-------|-----------|-----------------------------------------|
| 1) RWU #160 | IB-KC | 4877-5417 | Primary objective<br>zones to be cored. |
|             |       |           | Zone to be DST.                         |
| 2) RWU #33  | IB-KC | 4991-5493 | Primary objective<br>zones to be cored. |
|             |       |           | Zones to be DST.                        |

## DIVISION OF INTEREST:

### Working Interest Partners:

|         |        |         |        |         |        |
|---------|--------|---------|--------|---------|--------|
| Chevron | 98.82% | Buttram | 0.885% | Calkins | 0.295% |
|---------|--------|---------|--------|---------|--------|

### Others Receiving Data:

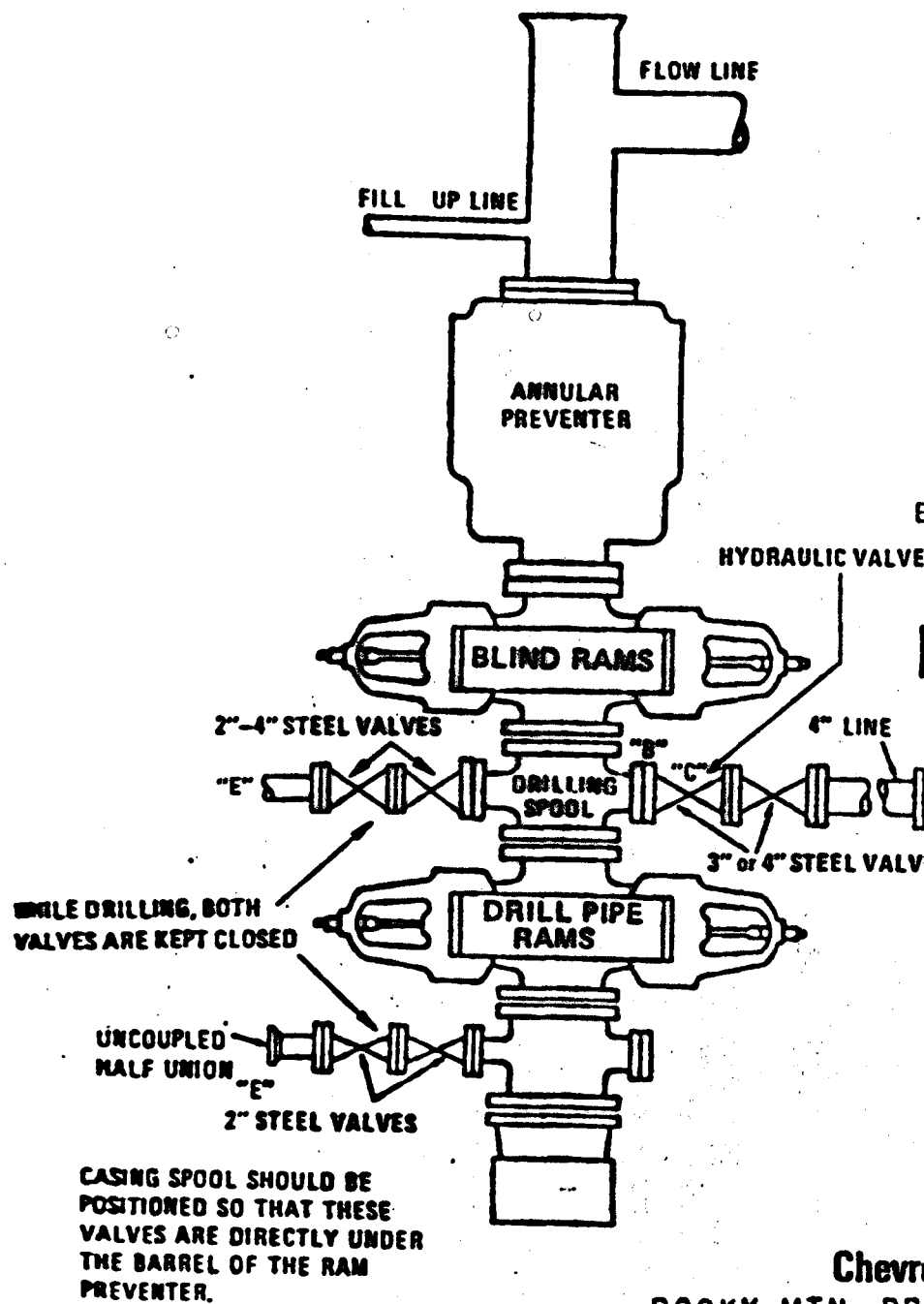
**REMARKS:** Core should be cut with a KCL mud system so unaltered core is obtained and fluid flow testing can be done to evaluate possible formation damage by fresh water. It is possible that some swabbing may be necessary to finalize the EPT calibration.

Prepared by T. Sherman  
Reviewed by Herman Hines  
Formation Evaluation Analyst

Date 9/12/85  
Date 9/18/85

Approved G.L. Swedley

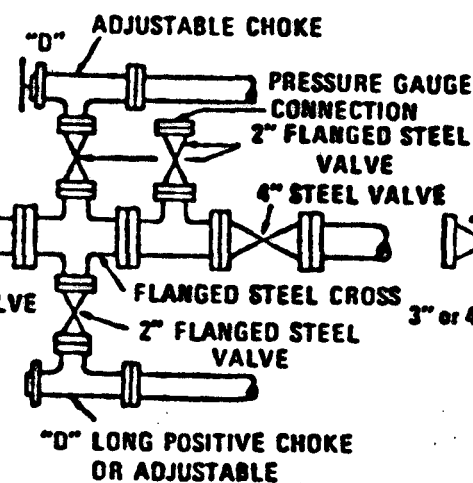
Date 9/18/85



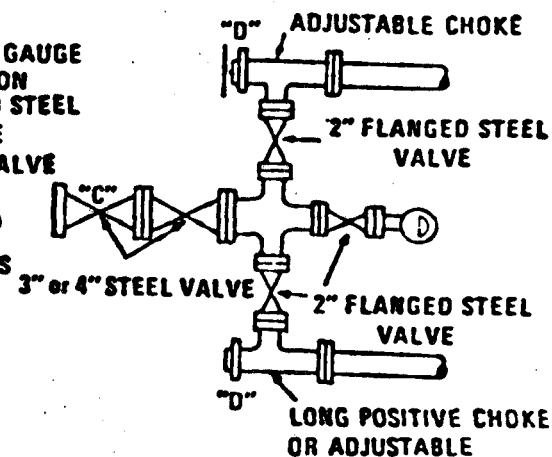
**FIGURE 4**  
**THREE PREVENTER HOOKUP**  
**CLASS III**

(PRESSURE RATING 3-5000 PSI AS REQUIRED)

**EMERGENCY FLOW HOOKUP**



**ALTERNATE CHOKE MANIFOLD**



AN EXTRA SET OF DRILL PIPE RAMS AND BONNET SEALS  
WILL BE ON LOCATION AT ALL TIMES.

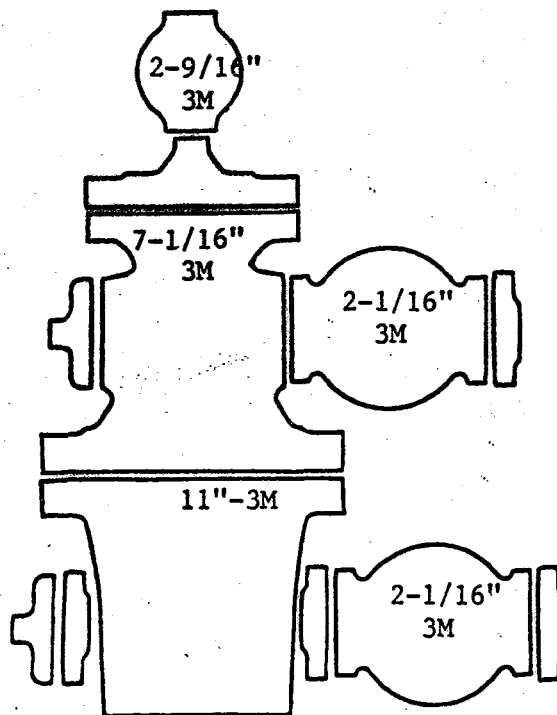
**Chevron U.S.A. Inc.**  
**ROCKY MTN. PRODUCTION DIVISION**

**LE 81-7511**  
**Revision 4 (1982)**

CHEVRON

Red Wash #301

LL 10/3/05



CASING

9-5/8"

7"

2-7/8"



CHEVRON U.S.A. INC.  
RED WASH UNIT 301 (43-15B)  
SEC. 15, T7S, R23E  
UINTAH COUNTY, UTAH  
MULTIPOINT SURFACE USE PLAN

1. EXISTING ROADS

- A. See Topo maps "A" and "B". We do not plan to change, alter or improve upon any existing state or county roads.
- B. From Vernal, Utah, take U.S. Hwy. 40, travel east for 3 miles to State Hwy. 45. On Hwy. 45 go 19.3 miles southeast to a paved county road, take this road east for 2 miles. From here turn left and drive northwest for 3/4 mile on an existing jeep trail into the proposed wellsite. (see Topo Map "B").

2. PLANNED ACCESS ROADS

- A. Width: Maximum width 30' with an 18' travel area.
- B. Maximum Grade: No greater than 10%.
- C. Turnouts: None, avoid blind corners.
- D. Drainage Design: Roads to be placed and constructed so that minimal drainage alterations will be made. Water will be diverted around well pad as necessary.
- E. No major cuts and fills.
- F. Surfacing Materials: Gravel if necessary (see item 6-A).
- G. Other: No gates, cattleguards or fence cuts.
- H. A ramp will be constructed since the location is  $\pm 30'$ , below the jeep trail which is to be upgraded for the access road. A water line in the center of the jeep trail will be rerouted to allow upgrading of the access road.

3. LOCATION OF EXISTING WELLS

See Exhibit "D".

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

- A. See Exhibit "D".
- B. Install 1,300' of new flowline from subject well southwest as shown on Exhibit "D". Flowline will be 3" plain end welded line pipe; placed on supports on the surface. Normal construction procedures will be used. When warranted, fences, flagging, etc., will be used to protect animals. Install an electric powerline from the well 1,500' southwest to an existing powerline as shown on Exhibit "D".
- C. Disturbed areas no longer needed for operations will be graded back to as near original state as possible. Drainage channels will be returned to original state and the areas will be reseeded as prescribed by BLM personnel.

MULTIPOINT SURFACE USE PLAN  
RED WASH UNIT 301 (43-15B)  
Page 2

- D. A blooie pit 8' X 10' X 5' deep will be constructed 150' to the northwest of the center hole as shown on Exhibit "C". A line will be placed on the surface from the center hole to the burn pit. The pit will be fenced on four sides to protect livestock.
- E. A line heater will be required for the production from this well. About 100' of access will be needed to service this line heater. This will be adjacent to the pad and placed along the production flowline from this well.

5. LOCATION AND TYPE OF WATER SUPPLY

- A. Water supplied to the location will be hauled by truck on existing roads in the area from the NE $\frac{1}{4}$ SE $\frac{1}{4}$ , Sec. 13, T7S-R23E. This water source has been permitted by the Utah State Engineer.

6. SOURCE OF CONSTRUCTION MATERIALS

- A. All land is Federal land. All gravel, cement, etc., needed on the access road and location will come commercially from the Vernal, Utah area. Access road needed is shown on Topo map "B".

7. METHODS FOR HANDLING WASTE DISPOSAL

- A. Cuttings will be settled out in the reserve pit. It will be fenced with a wire mesh fence, topped with at least one strand of barbed wire.
- B. Drilling fluids will be retained in reserve tanks utilizing maximum recirculation during drilling operations. Following drilling, the liquid waste will be evaporated and the remainder worked into the deep subsoil of the pit, and the pit filled in and returned to natural grade.
- C. In the event fluids are produced, any oil will be retained until sold in tankage and any water produced will be retained until its quality is determined. The quality and quantity of water produced will then determine the necessary disposal procedure.
- D. Sewage will be disposed of in a 1,000 gallon fiber glass insulated holding tank, which is to be placed in the vicinity of the trailers on the well location. Arrangements have been made for the sewage to be transported from the wellsite to the City of Vernal, Utah for disposal in the city disposal system. The sewage will be hauled by an authorized hauling firm.
- E. Trash will be contained in a portable metal container and hauled periodically to an approved disposal dump.

- F. After the rig has moved from the wellsite, all waste material will be removed to an approved disposal dump.

8. ANCILLARY FACILITIES

Because of the accessibility to good roads and relatively close housing, we anticipate no need for ancillary facilities with the exception of two trailers to be located on the drilling location.

9. WELLSITE LAYOUT

- A. Between four and six inches of topsoil will be removed from the location and stockpiled. Location of mud tanks, reserve, burn and trash pits, pipe racks, living facilities and soil stockpiles will be located as shown on Exhibit "C". The reserve pit shall be examined when the location has been constructed and the pit is under construction to determine if a bentonite liner will be necessary. Chevron will inform the BLM when the reserve pit is ready to be inspected.
- B. Access to the well pad will be as indicated on Exhibit "C". The bottom of the pit must be in cut area.

10. PLANS FOR RESTORATION OF SURFACE

- A. All surface areas not required for producing operations will be graded to as near original condition as possible and contoured to maintain possible erosion to a minimum. Any rock encountered in excavation will be disposed of beneath backfill to return surface to its present appearance and provide soil for seed growth.
- B. The topsoil will be evenly distributed over the disturbed areas. Reseeding will be performed as directed by the BLM.
- C. Pits and any other area that would present a hazard to wildlife or livestock will be fenced off when the rig is released and removed.
- D. Any oil accumulation on the pit will be removed or overhead flagged as dictated by then existing conditions.
- E. The well will be completed during 1985. Rehabilitation will commence following completion of the well, reseeding to be in accordance with BLM requirements. The operator shall contact the BLM office at (801) 789-1362 between 24 and 48 hours prior to construction activities (Book Cliffs Resource Area).

MULTIPOINT SURFACE USE PLAN  
RED WASH UNIT 301 (43-15B)  
Page 4

11. SURFACE OWNERSHIP

- A. The wellsite, access roads, flowlines and powerlines will all be constructed on BLM owned surfaces.

12. OTHER INFORMATION

- A. The well is located on hilly and rocky terrain. Vegetation consists of small sagebrush, natural grasses and some small trees on and around the locations. The soil is a poorly developed, semi-arid, thin topsoil layer over the Uintah Formation.
- B. Surface use activities other than the oil well facilities consist of livestock grazing as assigned by BLM.
- C. There are no water bodies or occupied dwellings near the wellsite. There are no archaeological, historical or cultural sites in the area. An archaeological survey has been conducted on the disturbed areas, and a copy of this report has been sent to the BLM.

13. COMPANY REPRESENTATIVE

Mr. B. L. Haynes  
P.O. Box 599  
Denver, CO 80201  
(303) 691-7527

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and, that the work associated with the operations proposed herein will be performed by Chevron U.S.A. Inc. and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved.

10-14-85  
Date



B. L. Haynes  
Drilling Manager

LLK:mm

Map "A" - Proposed Location  
Map "B" - Current & Proposed Access Roads  
Exhibit "C" - Location Layout and Cut and Fill  
Exhibit "D" - Existing Wells and Existing and Proposed Facilities

CHEVRON U.S.A. INC.

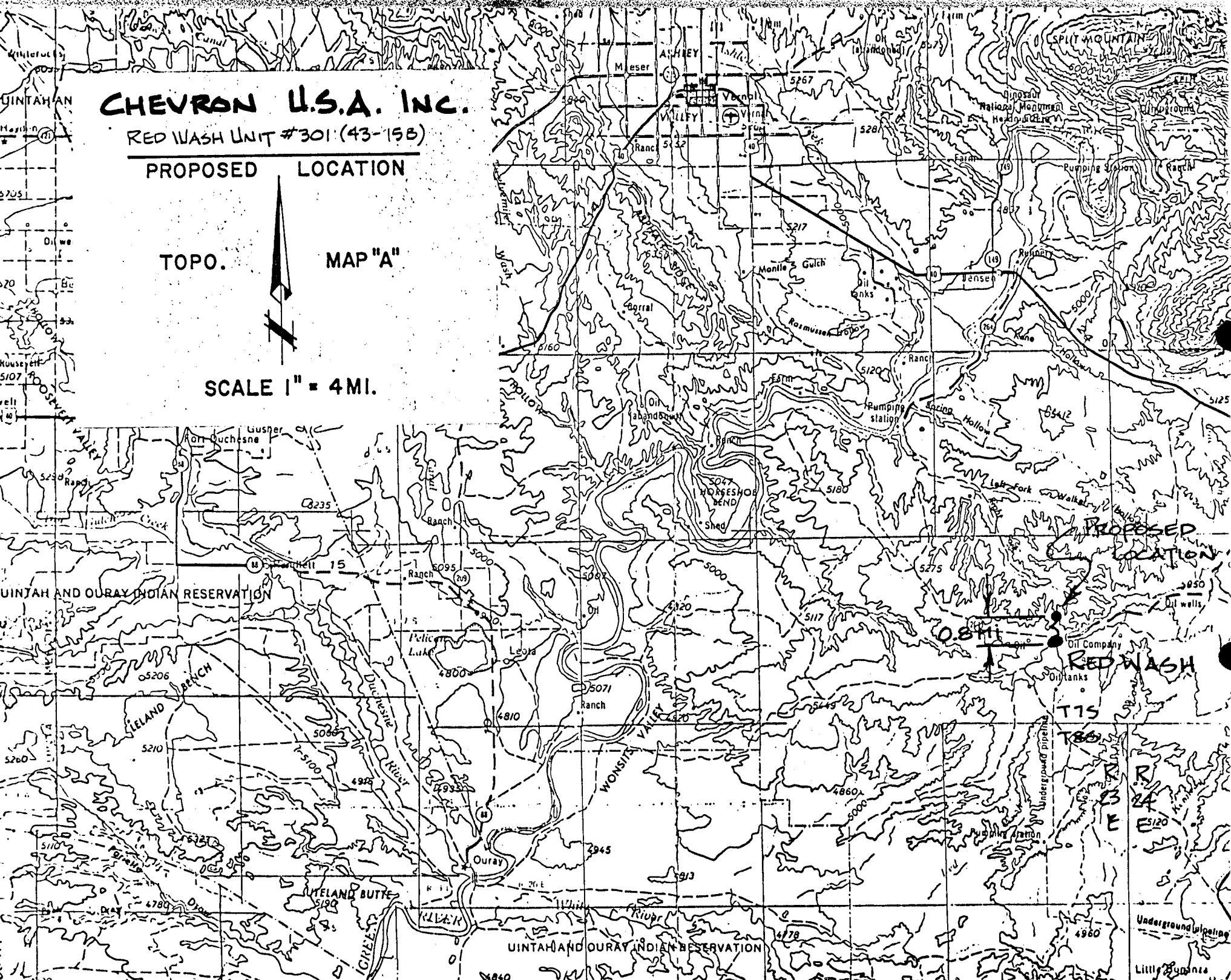
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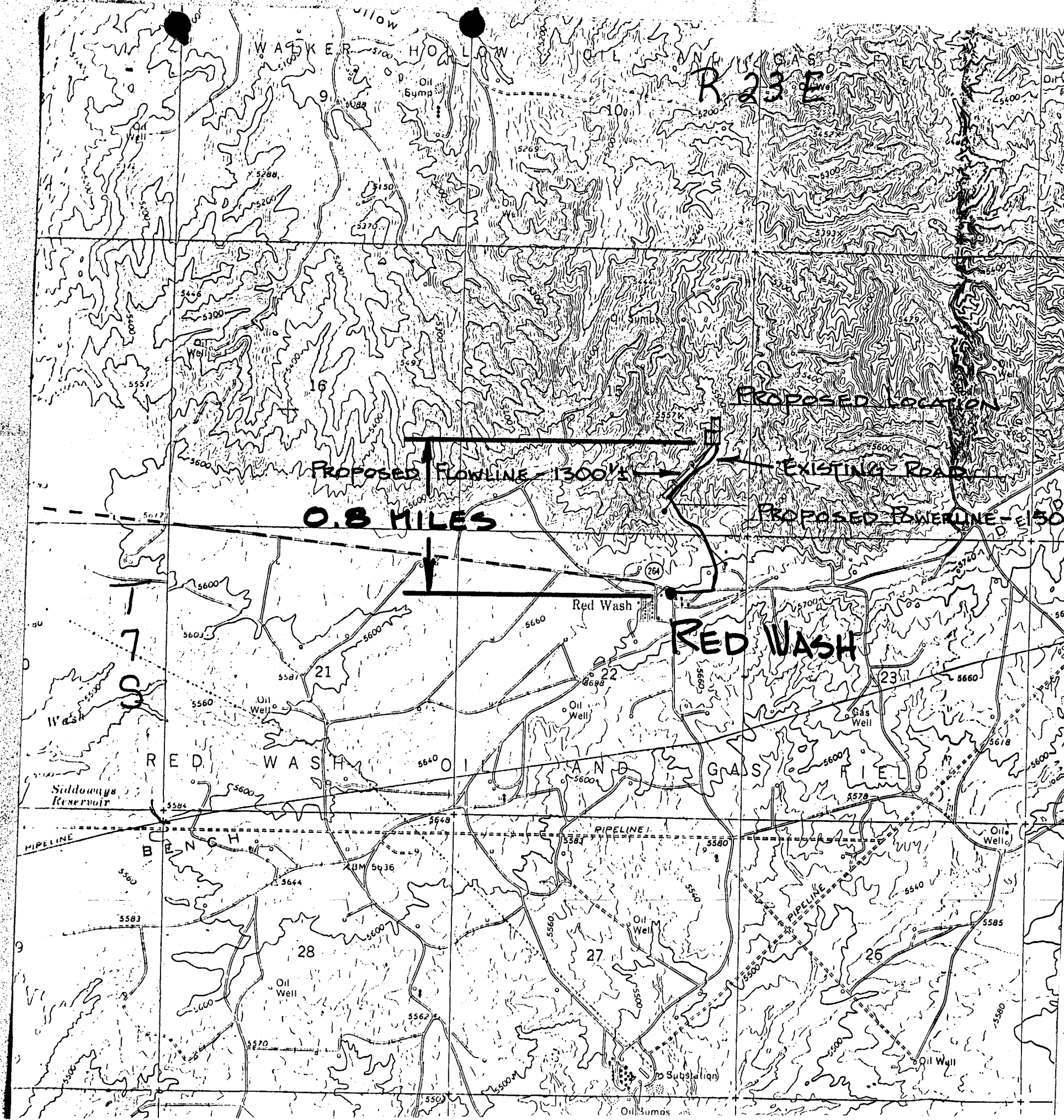
| PROPOSED | LOCATION |
|----------|----------|
| 1        | 1        |
| 2        | 2        |
| 3        | 3        |
| 4        | 4        |
| 5        | 5        |
| 6        | 6        |
| 7        | 7        |
| 8        | 8        |
| 9        | 9        |
| 10       | 10       |
| 11       | 11       |
| 12       | 12       |
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| 100      | 100      |

TOPO.

**MAP "A"**

SCALE 1" = 4 MI.





**CHEVRON U.S.A. Inc.**

RED WASH UNIT #301 (43-15B)

PROPOSED LOCATION

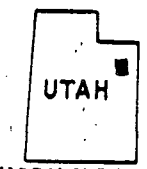
TOPO.

MAP "B"

SCALE 1" = 2000'

RQAD CLASSIFICATION

Light duty road, all weather,      Unimproved road fair or dry  
Improved surface      weather



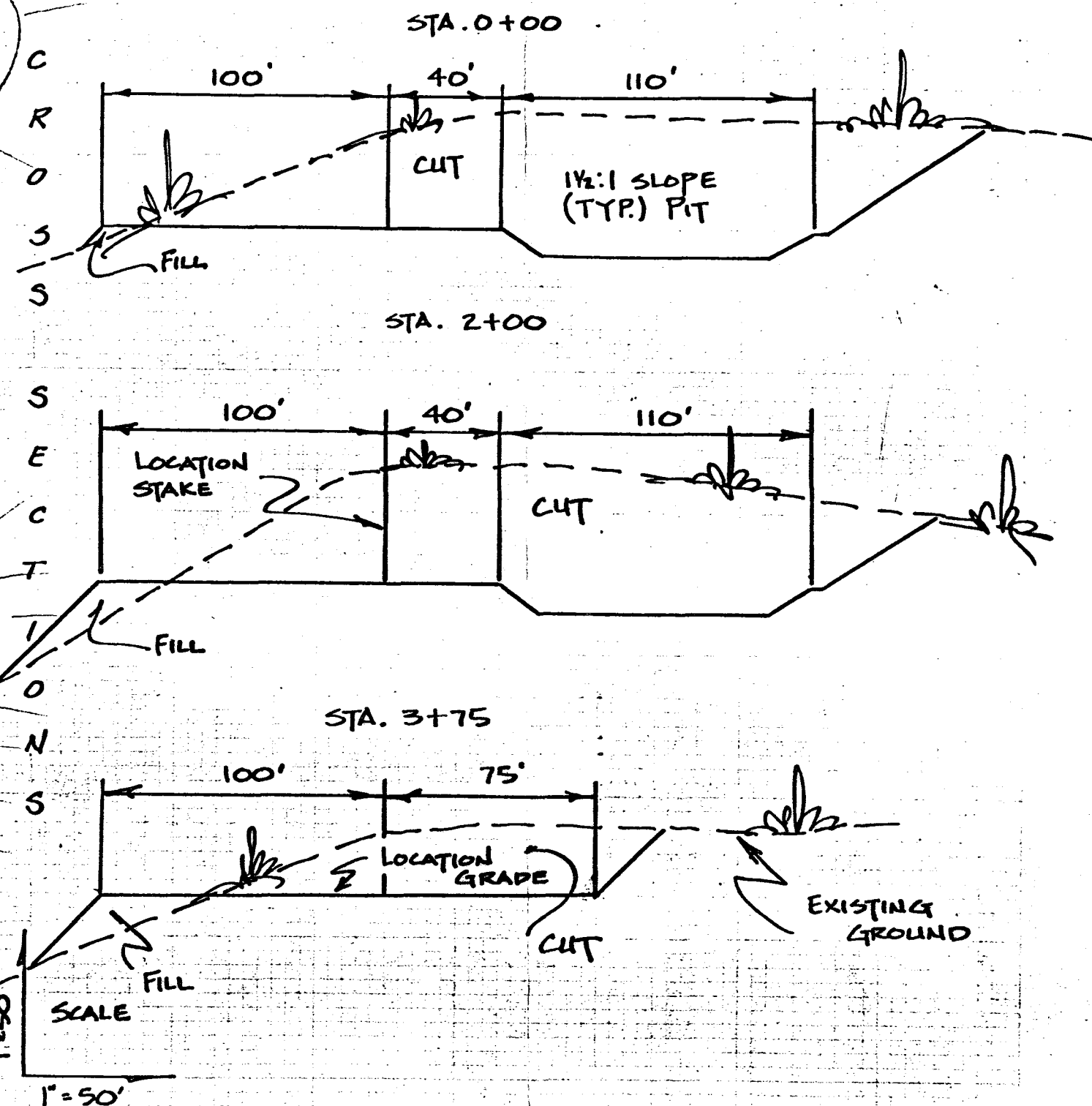
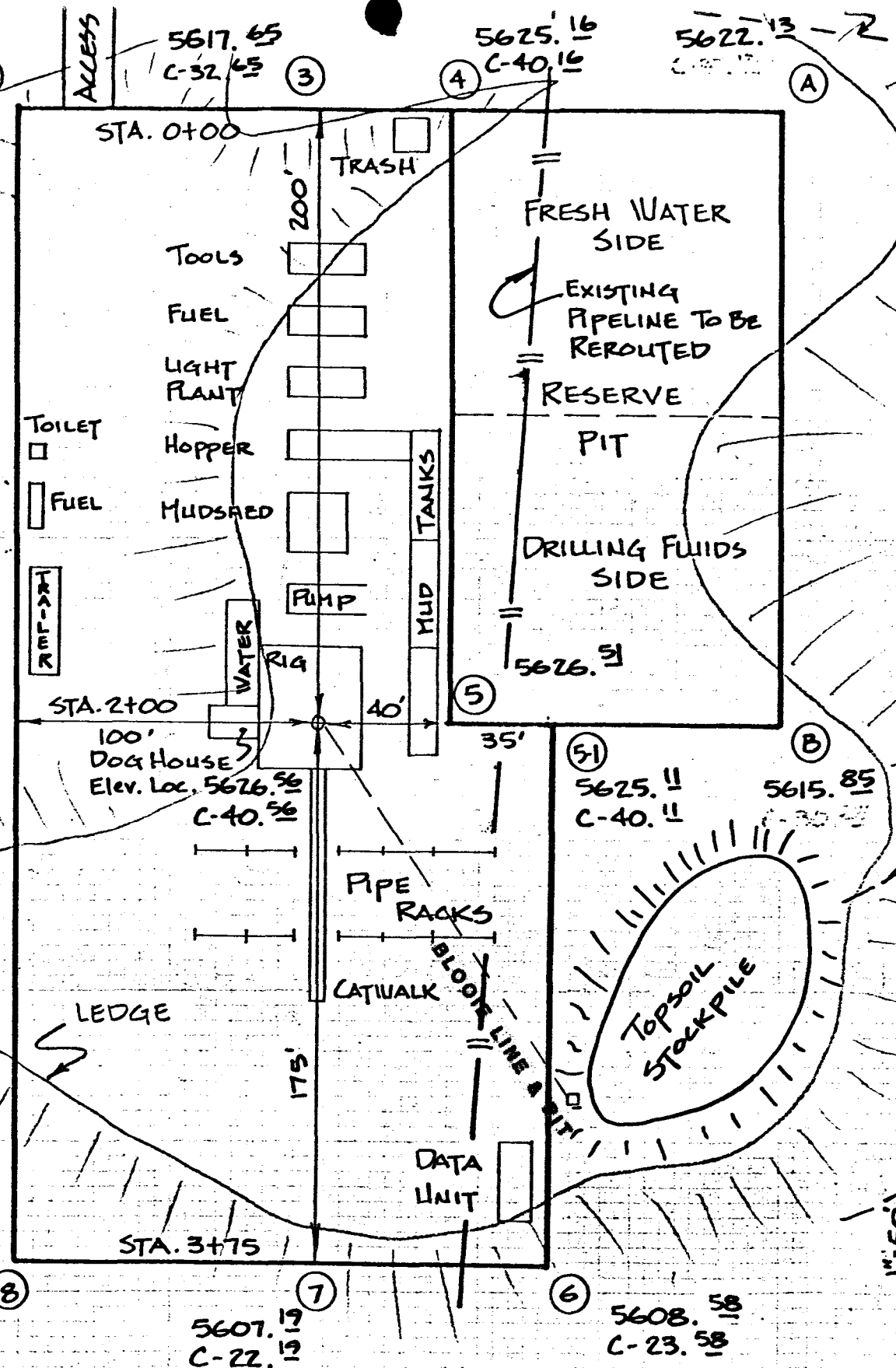
QUADRANGLE LOCATION



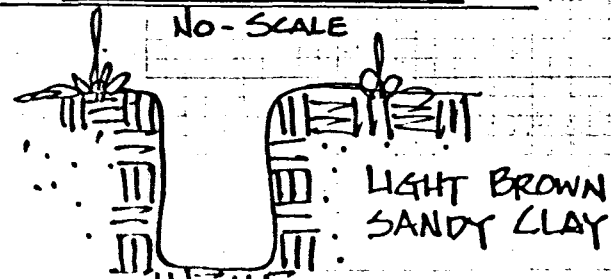
# CHEVRON U.S.A. INC.

RED WASH UNIT #301 (43-15B)  
EXHIBIT 'C' LOCATION LAYOUT CUT AND FILL

DATE: 9/30/85  
SCALE: 1" = 50'

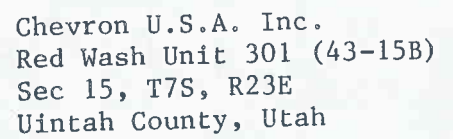


SOILS LITHOLOGY  
NO-SCALE



APPROX. YARDAGES

|      |         |           |
|------|---------|-----------|
| CUT  | 131,792 | CU. YARDS |
| FILL | 3306    | CU. YARDS |



----- Proposed Flowline



OPERATOR Cherrow U.S.A. DATE 10-22-85  
WELL NAME Red Wash Unit 301 (43-15B)  
SEC NE SE 15 T 7S R 23E COUNTY Utah

43-047-31682  
API NUMBER

Fed  
TYPE OF LEASE

CHECK OFF:



PLAT



BOND



NEAREST WELL



LEASE



FIELD



POTASH OR  
OIL SHALE

PROCESSING COMMENTS:

Unit Well - P.O.D. &

Water & - 85-49-42

APPROVAL LETTER:

SPACING:



A-3

Red Wash  
UNIT



c-3-a

CAUSE NO. & DATE



c-3-b



c-3-c

STIPULATIONS:

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

## 1a. TYPE OF WORK

DRILL ☒

DEEPE

PLUG BACK ☐

## b. TYPE OF WELL

OIL  
WELL ☒GAS  
WELL ☐

OTHER

SINGLE  
ZONE ☐MULTIPLE  
ZONE ☐

## 2. NAME OF OPERATOR

Chevron U.S.A. Inc.

## 3. ADDRESS OF OPERATOR

P.O. Box 599, Denver, CO 80201 DIVISION OF

## 4. LOCATION OF WELL (Report location clearly and in accordance with the requirements of the

At surface

1900' FSL &amp; 620' FEL (NE, SE)

At proposed prod. zone

## 14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*

±18 miles southeast of Jensen, Utah

## 15. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST  
PROPERTY OR LEASE LINE, FT.  
(Also to nearest drig. unit line, if any)

620'

18. DISTANCE FROM PROPOSED LOCATION\*  
TO NEAREST WELL, DRILLING, COMPLETED,  
OR APPLIED FOR, ON THIS LEASE, FT.

1600'

## 16. NO. OF ACRES IN LEASE

Within Unit

## 19. PROPOSED DEPTH

5900'

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

40

## 20. ROTARY OR CABLE TOOLS

Rotary

## 21. ELEVATIONS (Show whether DF, RT, GR, etc.)

GR: 5627'

## 22. APPROX. DATE WORK WILL START\*

November 16, 1985

## 23.

## PROPOSED CASING AND CEMENTING PROGRAM

| SIZE OF HOLE | SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | QUANTITY OF CEMENT  |
|--------------|----------------|-----------------|---------------|---------------------|
| 16"          | 14"            | 48              | 50'           | To Surface          |
| 12 1/4"      | 9-5/8"         | 36              | 500'          | ±250 sks to surface |
| 8-3/4"       | 7"             | 23 & 23         | 4900'         | To Surface          |

It is proposed to drill this Development Well to a depth of 5900' to test the Lower Green River Formation.

## Attachments:

Certified Plat

Drilling Program

Chevron Class III BOPE &amp; Wellhead Specifications

Multi Point Surface Use Plan

Completion procedure to be submitted by Sundry Notice.

3-BLM 1-LLK  
2-STATE  
2-PARTNERS  
1-RKW  
1-ALF  
1-Geo  
1-LJT  
1-Sec. 724C  
3-DRLG

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

*L.L. Kirkpatrick*

TITLE Permit Coordinator

DATE October 14, 1985

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY *A. Ferguson*

TITLE DISTRICT MANAGER

DATE

11/13/85

Ut 080-6m-05

22m Div OGm

CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

Company Chevron U.S.A., Inc. Well No. 301 (43-15B)  
Location Sec. 24 T7S R23E Lease No. U-081

All lease and/or unit operations will be conducted in such a manner that full compliance is made with applicable laws, regulations (43 CFR 3100), Onshore Oil and Gas Order No. 1, and the approved plan of operations. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished the field representative to insure compliance.

**A. DRILLING PROGRAM**

1. All fresh water and prospectively valuable minerals (as described by BLM at onsite) encountered during drilling, will be recorded by depth and adequately protected. All oil and gas shows will be tested to determine commercial potential.

2. Pressure Control Equipment

BOP and choke manifold systems will be consistent with API RP 53. Pressure tests will be conducted before drilling out from under all casing strings which are set and cemented in place. Blowout preventer controls will be installed prior to drilling the surface casing plug and will remain in use until the well is completed or abandoned. Preventers will be inspected and operated at least daily to ensure good mechanical working order, and this inspection recorded on the daily drilling report. Preventers will be pressure tested before drilling casing cement plugs.

The District Office should be notified, with sufficient lead time, in order to have a BLM representative on location during pressure testing.

3. Casing Program and Auxiliary Equipment

The District Office should be notified, with sufficient lead time, in order to have a BLM representative on location while running all casing strings and cementing.

4. Mud Program and Circulating Medium

No chromate additives will be used in the mud system on Federal and Indian lands without prior BLM approval to ensure adequate protection of fresh water aquifers.

5. Coring, Logging and Testing Program

Daily drilling and completion progress reports shall be submitted to this office on a weekly basis.

Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (Form 3160-4) will be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3164. Two copies of all logs, core descriptions, core analyses, well-test data, geologic summaries, sample description, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed with Form 3160-4. Samples (cuttings, fluids, and/or gases) will be submitted when requested by the authorized officer (AO).

6. Notifications of Operations

No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in a suspended status without prior approval of the AO. If operations are to be suspended, prior approval of the AO will be obtained and notification given before resumption of operations.

The spud date will be reported orally to the AO within 48 hours after spudding. If the spudding occurs on a weekend or holiday, the report will be submitted on the following regular work day. The oral report will be followed up with a Sundry Notice.

In accordance with Onshore Oil and Gas Order No. 1, this well will be reported on Form 3160-6 "Monthly Report of Operations", starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report will be filed, in duplicate, to the Vernal BLM District Office, 170 South 500 East, Vernal, Utah 84078.

Immediate Report: Spills, blowouts, fires, leaks, accidents, or any other unusual occurrences shall be promptly reported in accordance with the requirements of NTL-3A or its revision.

If a replacement rig is contemplated for completion operations, a "Sundry Notice" (Form 3160-5) to that effect will be filed, for prior approval of the AO, and all conditions of this approved plan are applicable during all operations conducted with the replacement rig.

Should the well be successfully completed for production, the AO will be notified when the well is placed in a producing status. Such notification will be sent by telegram or other written communication, not later than 5 days following the date on which the well is placed on production.

Pursuant to NTL-2B, with the approval of a District Engineer, produced water may be temporarily disposed of into unlined pits for a period of up to 90 days. During the period so authorized, an application for approval of the permanent disposal method, along with the required water analysis and other information, must be submitted to the District Engineer.

Pursuant to NTL-4A, lessees or operators are authorized to vent/flare gas during initial well evaluation tests, not exceeding a period of 30 days or the production of 50 MMCF of gas, whichever occurs first. An application must be filed with the District Engineer and approval received, for any venting/flaring of gas beyond the initial 30 day or authorized test period.

A schematic facilities diagram as required by 43 CFR 3162.7-2, 3162.7-3, and 3162.7-4 shall be submitted to the appropriate District Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in 43 CFR 3162.7 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with 43 CFR 3162.7-4.

A first production conference will be scheduled within 15 days after receipt of the first production notice.

No well abandonment operations will be commenced without the prior approval of the AO. In the case of newly drilled dry holes or failures, and in emergency situations, oral approval will be obtained from the AO. A "Subsequent Report of Abandonment" Form 3160-5, will be filed with the AO within 30 days following completion of the well for abandonment. This report will indicate where plugs were placed and the current status of surface restoration. Final abandonment will not be approved until the surface reclamation work required by the approved APD or approved abandonment notice has been completed to the satisfaction of the AO or his representative, or the appropriate Surface Managing Agency.

Pursuant to Onshore Oil and Gas Order No. 1, lessees and operators have the responsibility to see that their exploration, development, production, and construction operations are conducted in a manner which conforms with applicable Federal laws and regulations and with State and local laws and regulations to the extent that such State and local laws are applicable to operations on Federal or Indian lands.

#### 7. Other Information

All loading lines will be placed inside the berm surrounding the tank battery.

All site security guidelines identified in 43 CFR 3162.7 regulations will be adhered to.

All off-lease storage, off-lease measurement, or commingling on-lease or off-lease will have prior written approval from the AO.

Gas meter runs for each well will be located within 500 feet of the wellhead. The gas flowline will be buried or anchored down from the wellhead to the meter and 500 feet downstream of the meter run or any production facilities. Meter runs will be housed and/or fenced.

The oil and gas measurement facilities will be installed on the well location. The oil and gas meters will be calibrated in place prior to any deliveries. Tests for meter accuracy will be conducted monthly for the first three months on new meter installations and at least quarterly thereafter. The AO will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports will be submitted to the Vernal District Office. All meter measurement facilities will conform with the API standards for liquid hydrocarbons and the AGA standard for natural gas measurement.

The use materials under BLM jurisdiction will conform to 43 CFR 3610.2-3.

There will be no deviation from the proposed drilling and/or work-over program without prior approval from the AO. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned will be identified in accordance with 43 CFR 3162.

"Sundry Notice and Report on Wells" (Form 3160-5) will be filed for approval for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.

## THIRTEEN POINT SURFACE USE PROGRAM:

### Multipoint Requirements to Accompany APD

#### 1. Location of Existing and/or Proposed Facilities

All permanent (on site for six months or longer) structures constructed or installed (including pumping units) will be painted a flat, non-reflective color to match one of the standard environmental colors, as determined by the Rocky Mountain Five State Interagency Committee. All facilities will be painted within 6 months of installation. Facilities required to comply with O.S.H.A. (Occupational Safety and Health Act) will be excluded.

#### 2. Methods for Handling Waste Disposal

The location will be inspected again when portions of the pit have been dug to its intended depth to determine whether a liner is necessary.

\*If the pit is lined, it shall be constructed so as not to leak, break, or allow discharge.

For the following reasons, the reserve pit will be lined:

To conserve water. The lining would probably be bentonite.

\*If a plastic nylon reinforced liner is used, it shall be torn and perforated before backfilling of the reserve pit.

Produced waste water will be confined to a reserve pit or, if deemed necessary, a storage tank for a period not to exceed 90 days after first production. During the 90-day period an application for approval of a permanent disposal method and location, along with required water analysis, will be submitted for the AO's approval. Failure to file an application within the time allowed will be considered an incident of noncompliance.

#### 3. Well Site Layout

All pits will be fenced with a wire mesh fence and topped with at least one strand of barbed wire. The reserve pit fencing will be on three sides during drilling operations and on the fourth side when the rig moves off the location. Any hydrocarbons on the pit will be removed from the pit as soon as possible after drilling operations are completed. Pits will be fenced and maintained until clean-up.

The fence will be constructed as prescribed in the USGS Publication (1978) Surface Operating Standards for Oil and Gas Development. Alternatives to the prescribed standards shall be submitted to the Authorized Officer for approval.

Well Site Layout: The reserve pit will be located as indicated in the layout diagram.

The stockpiled topsoil will be stored on the northwest corner of the pad near stakes No. 6 and 7.

Access to the well pad will be from an existing jeep trail. A ramp at least 300 feet long of less than 10 percent grade will be needed to reach the pad since it will be built about 30 feet below the natural grade on the present trail.

The pad location shall be constructed long and narrow for topographic reasons. It will be built as indicated in the layout diagram.

#### 4. Plans for Restoration of Surface

A. Provide a restoration program upon completion of operations, including:

- (1) Backfilling, leveling, recontouring, and waste disposal; segregation of topsoil from cut materials as needed
- (2) Revegetation and rehabilitation--including abandoned access roads or portions of well pads no longer needed (normally per BLM recommendations)
- (3) Proposed timetable for commencement and completion of rehabilitation operations

B. The following are provisions to be addressed in the restoration plan:

Immediately upon well completion, the location and surrounding area will be cleared of all debris, materials, trash and junk not required for production.

Before any dirt work to restore the location takes place, the reserve pit must be completely dry and all cans, barrels, pipe, etc. will be removed. The reserve pit and that portion of the location and access road not needed for production facilities/operations will be reclaimed. The reserve pit will be reclaimed within one year from the date of well completion.

All disturbed areas will be recontoured to the approximate natural contours.

The stockpiled topsoil will be evenly distributed over the disturbed areas.

Prior to reseeding, all disturbed areas, including the access roads, will be scarified and left with a rough surface.



Seed will be broadcast or drilled at a time specified by the BLM. If broadcast, a harrow or some other implement will be dragged over the seeded area to assure seed coverage and the seed mixture will be proportionately larger (double the lbs. per acre).

An appropriate seed mixture will be determined by the BLM, either as part of the Conditions of Approval of the APD or at the time restoration activities are scheduled to begin.

All seeding will be done from September 1 until the ground freezes.

At such time as the well is plugged and abandoned, the operator will submit a surface reclamation plan to the Surface Management Agency for prescribed seed mixtures and reseeding requirements.

If the seeding is unsuccessful, the lessee/operator may be required to make subsequent seedings.

The BLM recommends the following procedure for reclamation:

Compacted areas of the well pad should be plowed or ripped to a depth of 12" before reseeding. Seeding should be done with a disc-type drill to ten inches apart. The seed should be planted between one-half inch deep and three-quarter inch deep. A drag, packer or roller may be used to insure uniform coverage of the seed, and adequate compaction. Drilling of the seed should be done on the contour where possible. Where slopes are too steep for contour drilling, a "cyclone" hand-seeder or similar broadcast seeder should be used, using twice the recommended seed per acre. Seed should then be covered to a depth described above by whatever means is practical.

5. Other Additional Information

A cultural resource clearance will be required before any construction begins on Federal and Indian lands. However, historic and cultural resource work shall be undertaken only with the written consent of a private surface owner. If the private surface owner refuses entry for that purpose, the lessee or operator shall use its best efforts to conduct its approved operations in a manner that avoids adverse effects on any properties which are listed, or may be eligible for listing, in the NRHP.

If, during operations, any archaeological or historical sites, or any object of antiquity (subject to the Antiquities Act of June 8, 1906) are discovered, all operations which would affect such sites are to be suspended and the discovery reported promptly to the Surface Management Agency.

On BLM administered land, it is required that a proposed use of pesticide, herbicide or other possible hazardous chemicals shall be cleared for use prior to application.

The BLM office shall be notified upon site completion prior to moving on the drilling rig in order to make final determination whether to line the reserve pit prior to beginning drilling.

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approved plan of operations, and any applicable Notice to Lessees. The operator is fully responsible for the actions of his sub-contractors. A copy of these conditions will be furnished the field representative to insure compliance.

The dirt contractor will be provided with an approved copy of the Surface Use Plan from the APD.

This drilling permit will be valid for a period of one year from the date of approval. After permit termination, a new application will be filed for approval for any future operations.

In the event after-hour approvals are necessary, please contact one of the following individuals:

Craig M. Hansen  
Assistant District Manager  
for Minerals

(801) 247-2318

Gerald E. Kenczka  
Petroleum Engineer

(801) 781-1190

R. Allen McKee  
Petroleum Engineer

(801) 781-1368

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE  
(Other instructions on reverse side)

Form approved.  
Budget Bureau No. 1004-0135  
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. ☒ OIL WELL ☐ GAS WELL ☐ OTHER

2. NAME OF OPERATOR  
Chevron U.S.A. Inc.

3. ADDRESS OF OPERATOR  
P.O. Box 599, Denver, CO 80201

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.)  
At surface  
1900' FSL & 620' FEL (NE SE)

14. PERMIT NO.  
Not Yet Assigned

15. ELEVATIONS (Show whether DF, RT, GR, etc.)  
GR: 5627'

RECEIVED

OCT 21 1985

DIVISION OF OIL  
& MINING

5. LEASE DESIGNATION AND SERIAL NO.  
U-081

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME  
Red Wash

8. FARM OR LEASE NAME

9. WELL NO.  
301(43-15B)

10. FIELD AND POOL, OR WILDCAT  
Red Wash

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Sec. 15, T7S, R23E

12. COUNTY OR PARISH  
Uintah

13. STATE  
Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

|                     |                          |                      |                                     |
|---------------------|--------------------------|----------------------|-------------------------------------|
| TEST WATER SHUT-OFF | <input type="checkbox"/> | PULL OR ALTER CASING | <input type="checkbox"/>            |
| FRACTURE TREAT      | <input type="checkbox"/> | MULTIPLE COMPLETE    | <input type="checkbox"/>            |
| SHOOT OR ACIDIZE    | <input type="checkbox"/> | ABANDON*             | <input type="checkbox"/>            |
| REPAIR WELL         | <input type="checkbox"/> | CHANGE PLANS         | <input checked="" type="checkbox"/> |
| (Other)             |                          |                      |                                     |

SUBSEQUENT REPORT OF:

|                       |                          |                 |                          |
|-----------------------|--------------------------|-----------------|--------------------------|
| WATER SHUT-OFF        | <input type="checkbox"/> | REPAIRING WELL  | <input type="checkbox"/> |
| FRACTURE TREATMENT    | <input type="checkbox"/> | ALTERING CASING | <input type="checkbox"/> |
| SHOOTING OR ACIDIZING | <input type="checkbox"/> | ABANDONMENT*    | <input type="checkbox"/> |
| (Other)               |                          |                 |                          |

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Correction:

The 7" casing will be set 5900' to surface.

3-BLM  
2-STATE  
2-PARTNERS  
1-RKW  
3-SLI  
1-LLK

ACCEPTED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS, AND MINING

DATE 10/23/85  
BY John R. Bayne

Federal approval of this action  
is required before commencing  
operations.

18. I hereby certify that the foregoing is true and correct

SIGNED L.R. Knapik TITLE Env. Eng. Spec.

DATE October 17, 1985

(This space for Federal or State office use)

APPROVED BY  
CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

\*See Instructions on Reverse Side



STATE OF UTAH  
NATURAL RESOURCES  
Water Rights

Norman H. Bangerter, Governor  
Dee C. Hansen, Executive Director  
Robert L. Morgan, State Engineer

Eastern Area • State/County Building • 152 E. 100 North • Vernal, UT 84078-2110 • 801-789-3714

October 18, 1985

RECEIVED

OCT 21 1985

DIVISION OF OIL  
GAS & MINING

Chevron U. S. A. Inc.  
P. O. Box 599  
Denver, CO 80201

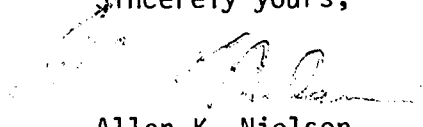
RE: Temporary Change 85-49-42

Gentlemen:

The above numbered Temporary Change Application has been approved, subject to prior rights.

A copy is herewith returned to you for your records and future reference.

Sincerely yours,

  
Allen K. Nielsen  
for Robert L. Morgan, P. E.  
State Engineer

RLM:AKN/1n

Enclosure

ATTACHMENT

Application For Temporary Change of Point of Diversion,  
Place or Purpose of Use

STATE OF UTAH

030713

✓ Red Wash Unit #298 (22-27B) 43-047-31679 POW

SE $\frac{1}{4}$ , NW $\frac{1}{4}$ ; Sec. 27, T7S, R23E

✓ Red Wash Unit #299 (44-21B) 43-047-31680 7A

SE $\frac{1}{4}$ , SE $\frac{1}{4}$ ; Sec. 21, T7S, R23E

✓ Red Wash Unit #300 (44-15B) 43-047-31681 7A

SE $\frac{1}{4}$ , SE $\frac{1}{4}$ ; Sec. 15, T7S, R23E

✓ Red Wash Unit #301 (43-15B) 43-047-31682 POW

NE $\frac{1}{4}$ , SE $\frac{1}{4}$ ; Sec. 15, T7S, R23E

✓ Red Wash Unit #302 (22-24B) 43-047-31683 POW

SE $\frac{1}{4}$ , NW $\frac{1}{4}$ ; Sec. 24, T7S, R23E

Wonsits Valley State/Federal Unit #127 (42-16)

SE $\frac{1}{4}$ , NE $\frac{1}{4}$ ; Sec. 16, T8S, R21E 43-047-31611 POW

Wonsits Valley State/Federal Unit #141 (33-16)

NW $\frac{1}{4}$ , SE $\frac{1}{4}$ ; Sec. 16, T8S, R21E 43-047-31609 POW

APPLICATION NO. 85-49-42  
DISTRIBUTION SYSTEM

RECEIVED

Application For Temporary Change of Point of Diversion,  
Place or Purpose of Use  
STATE OF UTAH

OCT 21 1985

DIVISION OF OIL  
GAS & MINING

(To Be Filed in Duplicate)

Denver, Colorado September 30, 1985  
Place DateFor the purpose of obtaining permission to temporarily change the point of diversion, place or purpose of use  
(Strike out written matter not needed)of water, the right to the use of which was acquired by 49-228 (A31850)  
(Give No. of application, title and date of Decree and Award No.)  
to that hereinafter described, application is hereby made to the State Engineer, based upon the following showing of facts, submitted in accordance with the requirements of the Laws of Utah.

1. The owner of right or application is Chevron U.S.A. Inc.
2. The name of the person making this application is Chevron U.S.A. Inc.
3. The post office address of the applicant is P.O. Box 599, Denver, CO 80201

## PAST USE OF WATER

4. The flow of water which has been used in second feet is 1.0
5. The quantity of water which has been used in acre feet is
6. The water has been used each year from January 1 to December 31, incl.  
(Month) (Day) (Month) (Day)
7. The water has been stored each year from to incl.  
(Month) (Day) (Month) (Day)
8. The direct source of supply is 13 wells in Uintah County.
9. The water has been diverted into pipelines ~~at a point located~~ SEE APPLICATIONS.
10. The water involved has been used for the following purpose: Secondary recovery, oil field repressurization, and oil and gas recovery operations.

Total acres.

NOTE: If for irrigation, give legal subdivisions of land and total acreage which has been irrigated. If for other purposes, give place and purpose of use.

## THE FOLLOWING TEMPORARY CHANGES ARE PROPOSED

11. The flow of water to be changed in cubic feet per second is
12. The quantity of water to be changed in acre-feet is 15.0
13. The water will be diverted ~~into~~ <sup>from</sup> the pipeline ~~at a point located~~ <sup>at a point located</sup> NE 1/4 SE 1/4  
Section 13, T7S, R23E, SLB&M and hauled by truck to the well sites.
14. The change will be made from November 1, 19 85, to February 1, 19 86  
(Period must not exceed one year)
15. The reasons for the change are Oil well drilling.
16. The water involved herein has heretofore been temporarily changed years prior to this application.  
(List years change has been made)
17. The water involved is to be used for the following purpose: Drilling operations on the attached locations.

Total acres.

NOTE: If for irrigation, give legal subdivisions of land to be irrigated. If for other purposes, give place and purpose of proposed use.

## EXPLANATORY

A filing fee in the sum of \$2.50 is submitted herewith. I agree to pay an additional fee for either investigating or advertising this change, or both, upon the request of the State Engineer.

Signature of Applicant

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE\*  
(Other instructions on reverse side)

Budget Circular NO. 1004-0135  
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

|                                                                                                                                                                          |  |                                                                        |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|------------------------------------------------------------------------|
| 1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>                                                         |  | 7. UNIT AGREEMENT NAME<br>Red Wash                                     |
| 2. NAME OF OPERATOR<br>Chevron U.S.A. Inc.                                                                                                                               |  | 8. FARM OR LEASE NAME                                                  |
| 3. ADDRESS OF OPERATOR<br>P.O. Box 599, Denver, CO 80201                                                                                                                 |  | 9. WELL NO.<br>301 (43-15B)                                            |
| 4. LOCATION OF WELL (Report location clearly and in accordance with all State requirements. See also space 17 below.)<br>At surface<br><br>1900' FSL & 620' FEL (NE, SE) |  | 10. FIELD AND POOL, OR WILDCAT<br>Red Wash                             |
| 14. PERMIT NO.<br>Not yet assigned                                                                                                                                       |  | 11. SEC., T., E., M., OR BLK. AND SURVEY OR AREA<br>Sec. 15, T7S, R23E |
| 15. ELEVATIONS (Show whether DF, RT, GR, etc.)<br>GR: 5627'                                                                                                              |  | 12. COUNTY OR PARISH<br>Uintah                                         |
|                                                                                                                                                                          |  | 13. STATE<br>Utah                                                      |

18. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

|                                                                       |                                               |
|-----------------------------------------------------------------------|-----------------------------------------------|
| TEST WATER SHUT-OFF <input type="checkbox"/>                          | PULL OR ALTER CASING <input type="checkbox"/> |
| FRACTURE TREAT <input type="checkbox"/>                               | MULTIPLE COMPLETE <input type="checkbox"/>    |
| SHOOT OR ACIDIZE <input type="checkbox"/>                             | ABANDON* <input type="checkbox"/>             |
| REPAIR WELL <input type="checkbox"/>                                  | CHANGE PLANS <input type="checkbox"/>         |
| (Other) <input checked="" type="checkbox"/> Revise drilling procedure |                                               |

SUBSEQUENT REPORT OF:

|                                                |                                          |
|------------------------------------------------|------------------------------------------|
| WATER SHUT-OFF <input type="checkbox"/>        | REPAIRING WELL <input type="checkbox"/>  |
| FRACTURE TREATMENT <input type="checkbox"/>    | ALTERING CASING <input type="checkbox"/> |
| SHOOTING OR ACIDIZING <input type="checkbox"/> | ABANDONMENT* <input type="checkbox"/>    |
| (Other) <input type="checkbox"/>               |                                          |

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Anticipated bottomhole pressure 2300 psia.

3-BLM  
2-STATE  
1-RKW  
3-SLI  
1-LLK

18. I hereby certify that the foregoing is true and correct

SIGNED R. R. Ruppel

TITLE Env. Eng. Spec.

DATE October 24, 1985

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

TITLE \_\_\_\_\_

DATE \_\_\_\_\_

\*See Instructions on Reverse Side



STATE OF UTAH  
NATURAL RESOURCES  
Oil, Gas & Mining

Norman H. Bangerter, Governor  
Dee C. Hansen, Executive Director  
Dianne R. Nielson, Ph.D., Division Director

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

October 31, 1985

Chevron U. S. A. Inc.  
P. O. Box 599  
Denver, Colorado 80201

Gentlemen:

Re: Well No. Red Wash Unit 301 (43-15B) - NE SE Sec. 15, T. 7S, R. 23E  
1900' FSL, 620' FEL - Uintah County, Utah

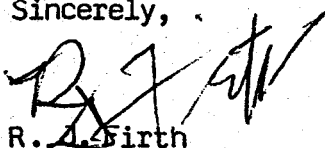
Approval to drill the above-referenced oil well is hereby granted in accordance with Section 40-6-18, Utah Code Annotated, as amended 1983; and predicated on Rule A-3, General Rules and Regulations and Rules of Practice and Procedure.

In addition, the following actions are necessary to fully comply with this approval:

1. Spudding notification to the Division within 24 hours after drilling operations commence.
2. Submittal to the Division of completed Form OGC-8-X, Report of Water Encountered During Drilling.
3. Prompt notification to the Division should you determine that it is necessary to plug and abandon this well. Notify John R. Baza, Petroleum Engineer, (Office) (801) 538-5340, (Home) 298-7695, or R. J. Firth, Associate Director, (Home) 571-6068.
4. Compliance with the requirements and regulations of Rule C-27, Associated Gas Flaring, General Rules and Regulations, Oil and Gas Conservation.
5. This approval shall expire one (1) year after date of issuance unless substantial and continuous operation is underway or an application for an extension is made prior to the approval expiration date.

The API number assigned to this well is 43-047-31682.

Sincerely, .

  
R. J. Firth  
Associate Director, Oil & Gas

as  
Enclosures  
cc: Branch of Fluid Minerals



## DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

API #43-047-31682

NAME OF COMPANY: CHEVRONWELL NAME: RED WASH UNIT 301 (43-15B)SECTION NE SE 15 TOWNSHIP 7S RANGE 23E COUNTY UintahDRILLING CONTRACTOR Bill Martin Jr.RIG # SPUDDED: DATE 1-6-86TIME 7:30 AMHOW Rat Hole DiggerDRILLING WILL COMMENCE 1-30-86 - Parker Rig #56REPORTED BY Ron GorobiTELEPHONE # 789-6232DATE 1-31-86 SIGNED AS

DOUBLE "D" ENTERPRISES

B.O.P. Test Report

B.O.P. TEST PERFORMED ON (DATE) 2-1-86

OIL CO.: Chevron

WELL NAME & NUMBER Red Wash Unit # 301

SECTION 27

TOWNSHIP 7-S

RANGE 23-E

COUNTY Uintah

DRILLING CONTRACTOR Parker Drilling # 56

INVOICES BILLED FROM: DOUBLE "D" ENTERPRISES, INC.  
213 Pine Street - Box 560  
Shoshoni, Wyoming 82649  
Phone: (307) 876-2308 or (307) 876-2234

TESTED BY: DOUBLE "D" ENTERPRISES, INC.  
Box 2097  
Evanston, Wyoming 82930  
Phone: (307) 789-9213 or (307) 789-9214

OIL CO. SITE REPRESENTATIVE Ron D.

RIG TOOL PUSHER Ed P.

TESTED OUT OF Vernal

NOTIFIED PRIOR TO TEST:

COPIES OF THIS TEST REPORT SENT COPIES TO: Tool Pusher  
Site Rep.  
State  
B.L.M.

ORIGINAL CHART & TEST REPORT ON FILE AT: Vernal OFFICE

# DOUBLE "D" ENTERPRISES, INC.

P.O. Box 580  
Shoshoni, Wyoming 82649  
307-878-2308

DELIVERY TICKET

No 4097

Date 2-1-86 Operator Chevron U.S.A. Contractor Parker Arlg. Rig No. #56  
Ordered By Ron Lease Red Wash Well No. Unit #301  
County Uintah, Ut. Section \_\_\_\_\_ Township \_\_\_\_\_ Range \_\_\_\_\_

## Items Tested:

|                  | Low Test | Time Held | High Test | Time Held | Comments |
|------------------|----------|-----------|-----------|-----------|----------|
| Top Pipe Rams    | —        | —         | —         | —         | —        |
| Bottom Pipe Rams | 250      | 5 min.    | 2100      | 15 min.   | O.K.     |
| Blind Rams       | 250      | 5 min.    | 2100      | 15 min.   | O.K.     |
| Annular B.O.P.   | 250      | 5 min.    | 2100      | 15 min.   | O.K.     |
| Choke Manifold   | 250      | 5 min.    | 2100      | 15 min.   | O.K.     |
| Choke Line       | 250      | 5 min.    | 2100      | 15 min.   | O.K.     |
| Kill Line        | 250      | 5 min.    | 2100      | 15 min.   | O.K.     |
| Super Choke      | 250      | 5 min.    | 2100      | 15 min.   | O.K.     |
| Upper Kelly      | 250      | 5 min.    | 2100      | 15 min.   | O.K.     |
| Lower Kelly      | 250      | 5 min.    | 2100      | 15 min.   | O.K.     |
| Floor Valve      | 250      | 5 min.    | 2100      | 15 min.   | O.K.     |
| Dart Valve       | 250      | 5 min.    | 2100      | 15 min.   | O.K.     |
| Ran Accumulator  | ✓        | —         | —         | —         | O.K.     |

Closing Unit Psi 2950 Closing Time of Rams 8 sec. Closing Time of Hydril 25 sec.

Closed Casing Head Valve Yes Set Wear Sleeve Yes (Retriever on loc.)

Comments Fill Choke Line & Manifold w/ Methanol,

Swaco - Super Choke Regulator Needs Repair. - Tested O.K.

Rate:

Cheuron

Red Wash Unit # 301 2-1-86

P./D. # 56

# TIME

Load Out &amp; Travel to location

Help Rig Finish N/U.

2:20 Rig to Test Choke Manifold

2:20-2:25 Low 250 - Inside Valves Choke Manifold

2:25-2:35 Attempt High Test Work, &amp; Flush Valve

2:35-2:50 High 2100 - Inside Valves Choke Manifold

2:50-3:00 Switch Valves - Close Super Choke (Choke Control Line <sup>Not Working</sup> Repair)

3:00-3:05 Low 250 Super Choke, &amp; Riser Valve on

3:05-3:20 High 2100 Choke Line

3:20-3:50 Up It. w/ x/o sub, Set Plug, Fill Stack, Drop Die

3:50-4:10 Finish Kooner lines, &amp; Work Rams &amp; H.C.R.

4:10-4:15 Low 250 - Blind Rams, 1st Man. Valve Kill Line

4:15-4:30 High 2100 - &amp; Manual Valve on Choke line

4:30-4:45 Up It. &amp; Screw into Plug, w/ T.I.W, Dart &amp; Circ. Sub.

4:45-4:50 Low 250 Pipe Rams, &amp; T.I.W. - Floor Valve

4:50-5:05 High 2100

5:05-5:25 Switch to Hydrill, Work &amp; Close H.C.R.

5:25-5:30 Low 250 - Hydrill, H.C.R., 2nd Man. Valve Kill Line

5:30-5:45 High 2100 - &amp; Dart Valve

5:45- — Pull Plug, Drain B.O.P.'s, Choke &amp; Kill lines

6:35 Close Casing Head, Wear Bushing, Run Accumulator Check,

6:35-6:40 Low 250 - Lower Kelly Cock.

6:40-6:55 High 2100 -

6:55-7:00 Open B.K.C. &amp; Fill Kelly to test U.K.C.

7:00-7:05 Low 250 - Upper Kelly Cock.

7:05-7:20 High 2100 -

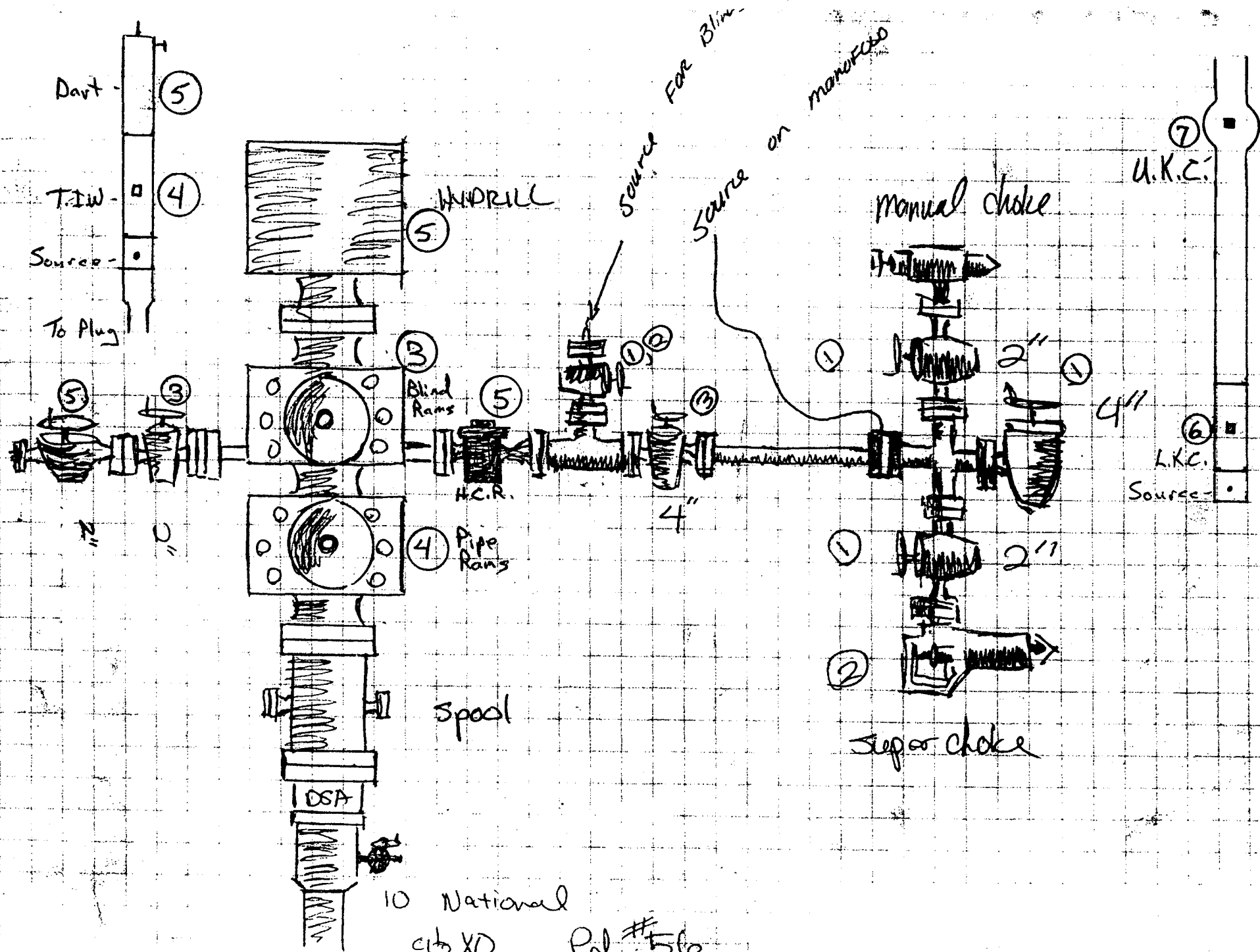
7:20- — Rig down &amp; Break-out Subs

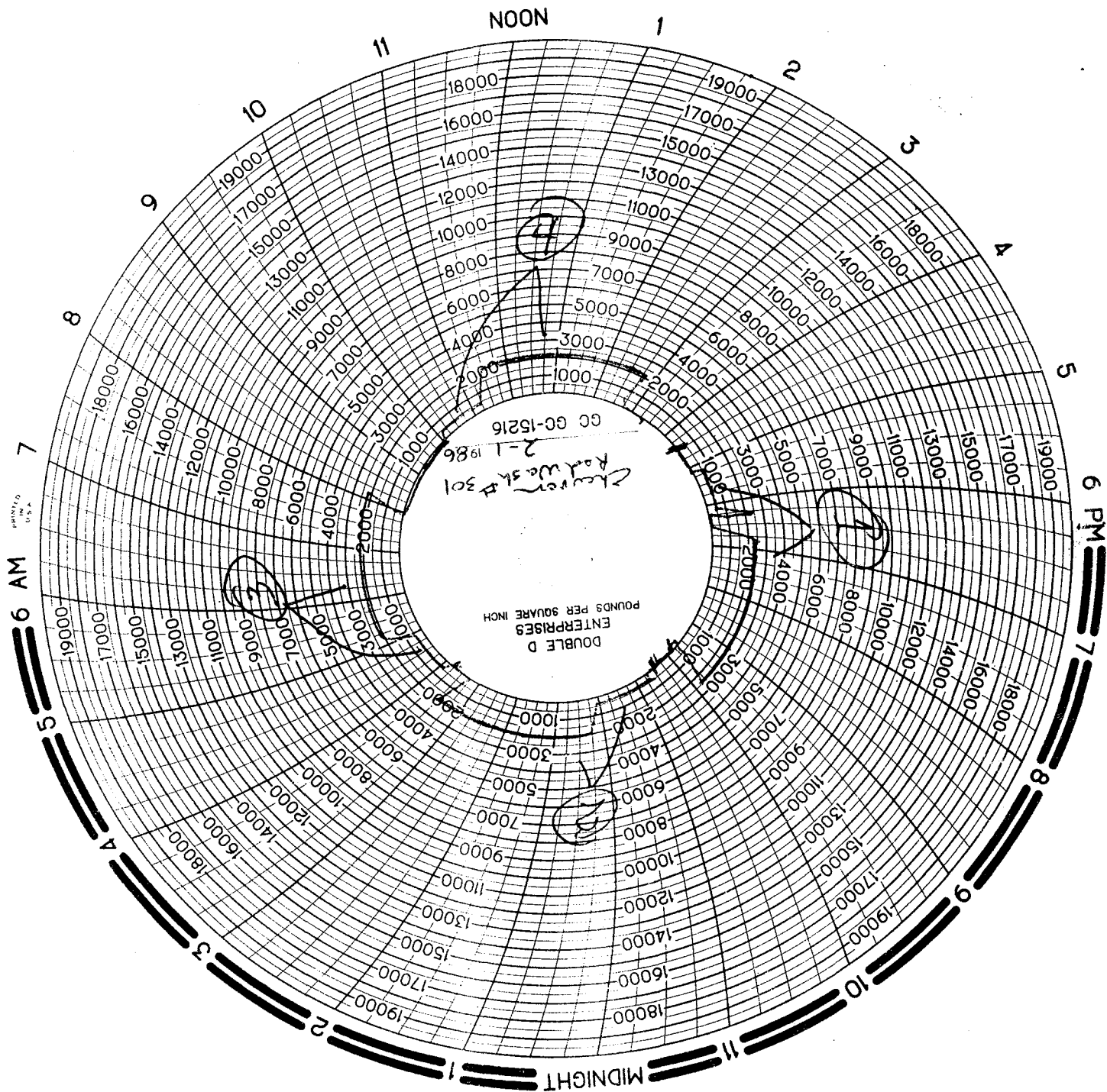
— — Fill Choke Manifold &amp; line w/ Methanol

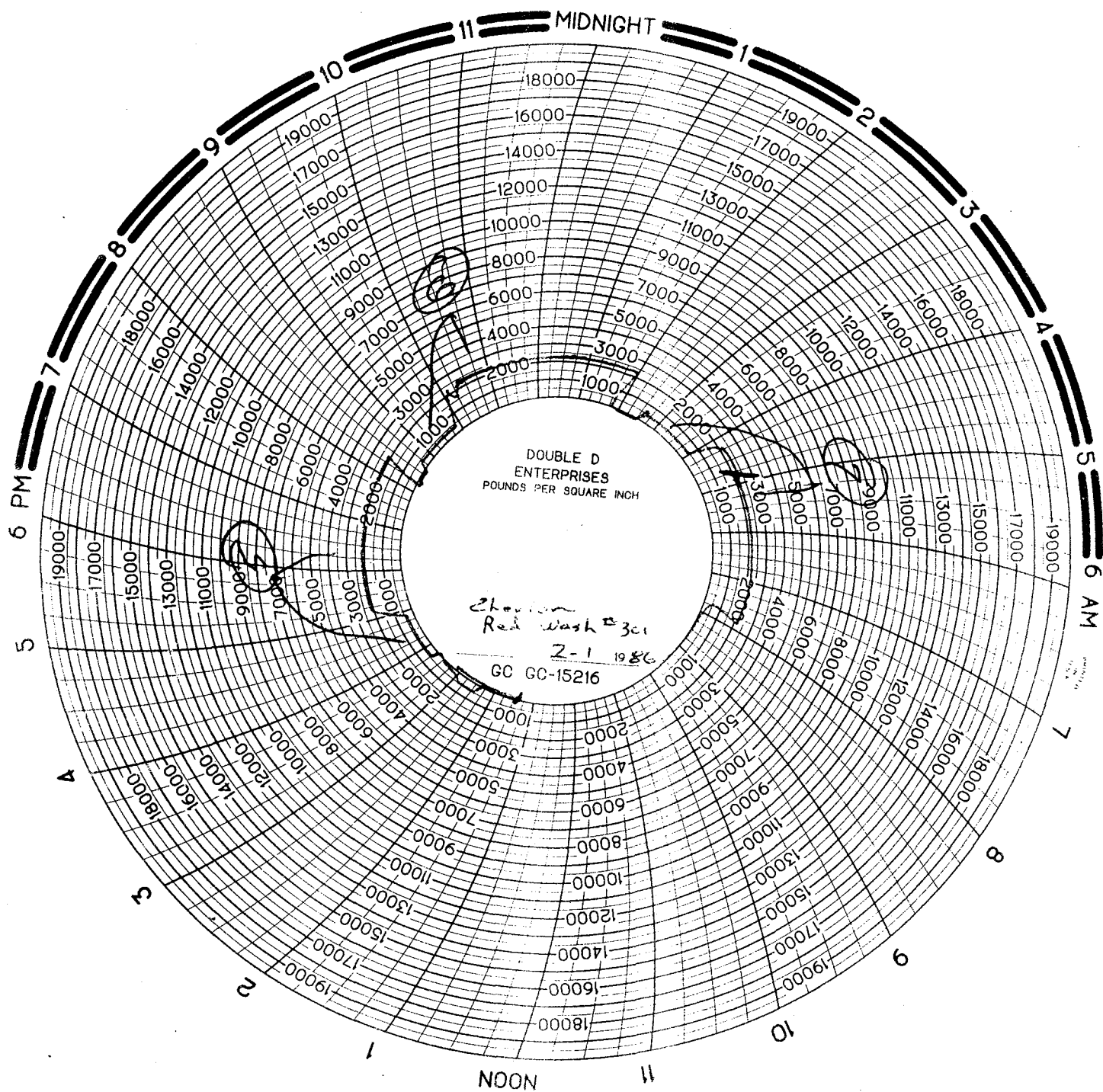
— — Set Valves &amp; Load Out

— — Travel to Shop

— — Report







| NAME       | ACTION<br>CODE(S) | INTL |
|------------|-------------------|------|
| NORM       |                   | 3    |
| TAMI       |                   | ✓    |
| VICKY      |                   | VC   |
| CLAUDIA    |                   | VC   |
| STEPHANE   |                   | 80   |
| CHARLES    |                   | CO   |
| RULA       |                   | RM   |
| MARY ALICE |                   | MA   |
| CONNIE     |                   | CA   |
| MILLIE     |                   | MD   |
| PAM        | FILE              |      |

### Required Action Code

1. Data Entry
2. Filming
3. Posting
  - a. Card Index
  - b. File Label
  - c. Lists
4. Bonding Verification
5. Other (See Norm)



STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

file

BLOW OUT PREVENTION TEST

NAME OF COMPANY: Chevron U.S.A

WELL NAME: Red Wash <sup>DNTE</sup> ~~301~~ 143-15 B

SECTION: 15 TOWNSHIP 7S RANGE 23E COUNTY: Uinta

DRILLING CONTRACTOR: Parker Shilling

RIG # 56

BOP TEST: DATE: 2/8/86

TIME: 7:00 A

DRILLING: 4638'

CASING: 9 5/8 490' (Set at)

H<sub>2</sub>S: \_\_\_\_\_

1 3/8" 5000 #.

REPORTED BY: Charles Boykin

TELEPHONE NO. 789-6232 789-2442

DATE: 2/7/86 SIGNED Jim J.

state  
AKL

# DOUBLE "D" ENTERPRISES

B.O.P. Test Report

B.O.P. TEST PERFORMED ON (DATE) 2-9-84

OIL CO.: Chevron USA

WELL NAME & NUMBER Redwash unit 301

SECTION 15

TOWNSHIP 7S

RANGE 23E

COUNTY Uintah

DRILLING CONTRACTOR Parker Drilling #56

INVOICES BILLED FROM: **DOUBLE "D" ENTERPRISES, INC.**  
213 Pine Street - Box 560  
Shoshoni, Wyoming 82649  
Phone: (307) 876-2308 or (307) 876-2234

TESTED BY: **DOUBLE "D" ENTERPRISES, INC.**  
608 N. Vernal Ave.  
Vernal, UT 84078  
Phone: (801) 781-0448 or (801) 781-0449

OIL CO. SITE REPRESENTATIVE Charly Baykin

RIG TOOL PUSHER Ed Phelps

TESTED OUT OF Vernal

NOTIFIED PRIOR TO TEST: BLM

COPIES OF THIS TEST REPORT SENT COPIES TO: Chevron

Parker

BLM

State

ORIGINAL CHART & TEST REPORT ON FILE AT: Vernal OFFICE

# DOUBLE "D" ENTERPRISES, INC.

P.O. Box 560  
Shoshoni, Wyoming 82649  
307-876-2308

DELIVERY TICKET

Nº 3725

2-9-86

Operator Chevron USA Contractor Parke Drilling Rig No. 56  
Ordered By Charly Boykin Lease Red Wash Well No. unit 301  
Uintah Section 15 Township 7S Range 23 E

## Items Tested:

|                          | Low Test                                             | Time Held            | High Test  | Time Held              | Comments |
|--------------------------|------------------------------------------------------|----------------------|------------|------------------------|----------|
| Top Pipe Rams            | 200                                                  | 5 min                | 2100       | 15 min                 | OK       |
| Bottom Pipe Rams         | 200                                                  |                      | 2100       |                        | OK       |
| Blind Rams               | 200                                                  |                      | 2100       |                        | OK       |
| Annular B.O.P.           | 200                                                  |                      | 2100       |                        | OK       |
| Choke Manifold           | 200                                                  |                      | 2100       |                        | OK       |
| Choke Line               | 200                                                  |                      | 2100       |                        | OK       |
| Kill Line                | 200                                                  |                      | 2100       |                        | OK       |
| Super Choke              | 200                                                  |                      | 2100       |                        | OK       |
| Upper Kelly              | 200                                                  |                      | 2100       |                        | OK       |
| Lower Kelly              | 200                                                  |                      | 2100       |                        | OK       |
| Floor Valve              | 200                                                  |                      | 2100       |                        | OK       |
| Dart Valve               | 200                                                  |                      | 2100       |                        | OK       |
| Acc. check               | Start psi                                            | 3000                 | Ending psi | 1300                   | OK       |
| Closing Unit Psi         | 3000                                                 | Closing Time of Rams | 6 sec      | Closing Time of Hydril | 23 sec   |
| Closed Casing Head Valve | YES                                                  | Set Wear Sleeve      |            |                        |          |
| Comments                 | Manifold Full Methanol (Wear Ring Retainer in Locat) |                      |            |                        |          |

## Rates:

Minimum Charge 6 hr min @  
Additional Charge 100 m' @ 100 mi  
Mileage 10" Nat @ 150.00  
Test Plug 4 1/2 x H @ 50.00  
Top Sub 4 1/2 x H @ 50.00  
Kelly Sub 4 1/2 x H - 4 1/2 x H @ 50.00  
Crossover Subs 50 gal methanol @ 2.00 gal  
Methanol Charge  
Other

Tested By

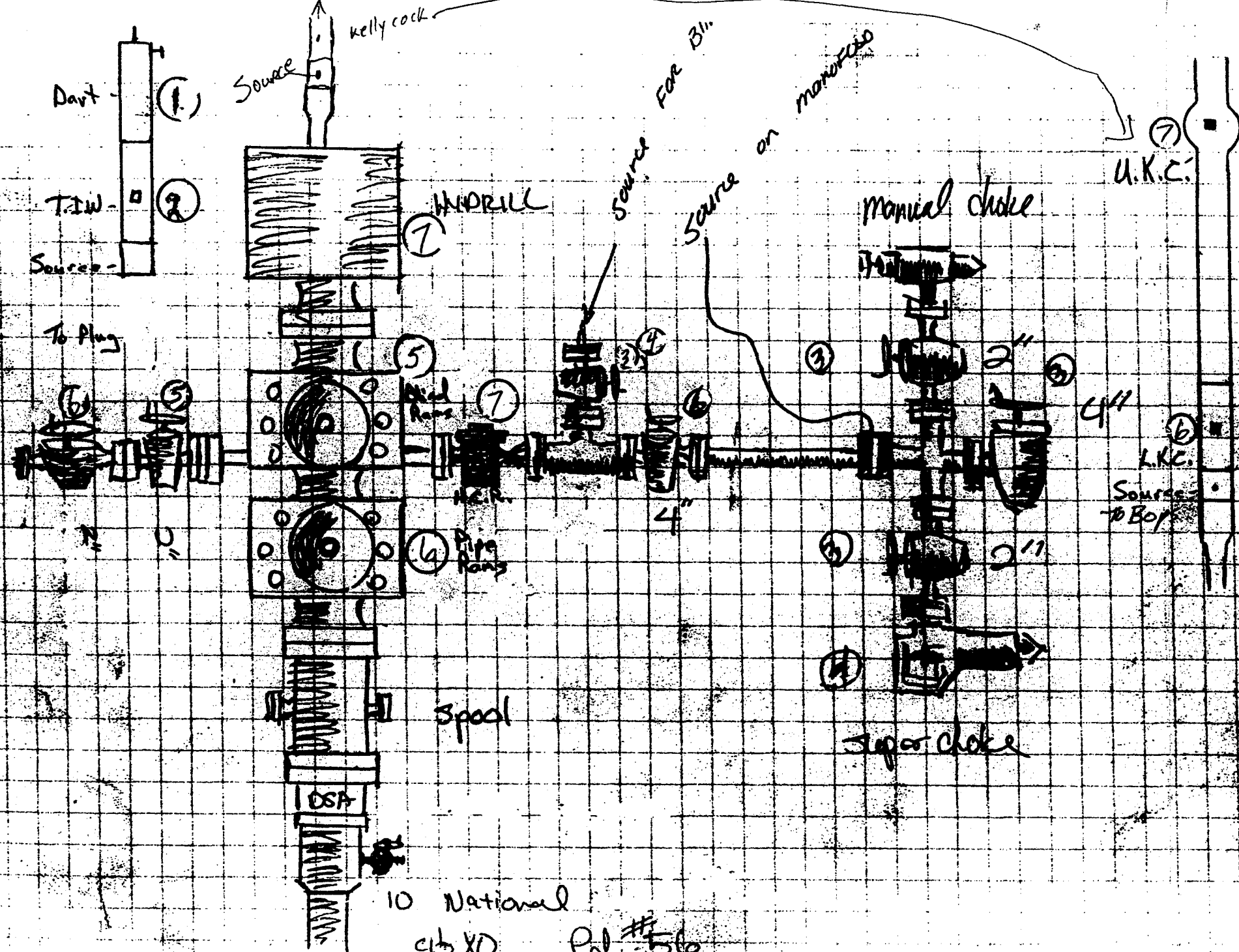
Sub Total

Signature of Company Rep.

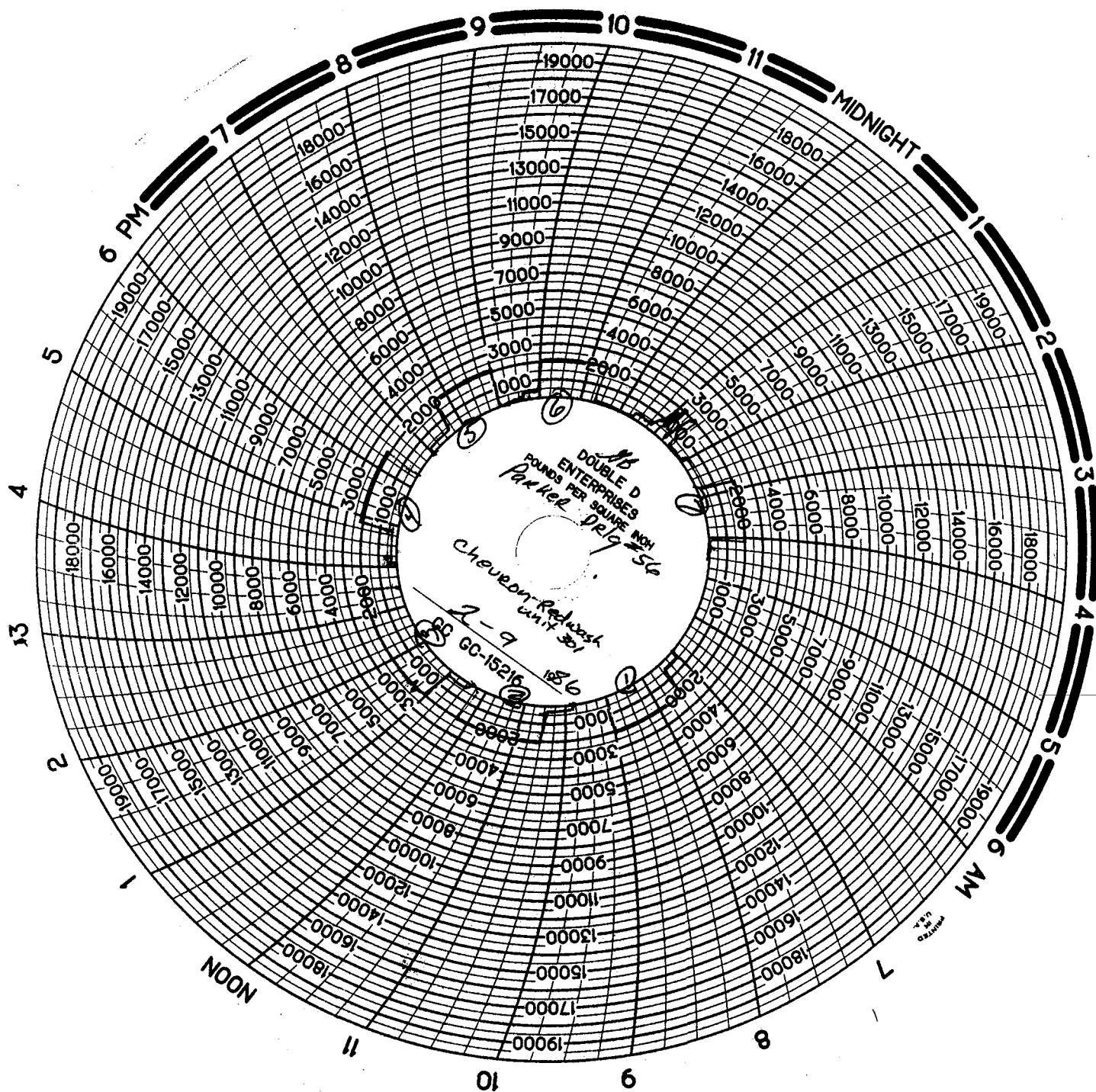
Tax

Total

| COMPANY |             | LEASE AND WELL NAME #                            | DATE OF TEST | RIG # AND NAME |
|---------|-------------|--------------------------------------------------|--------------|----------------|
| Chevron |             | Redwash unit 301                                 | 2-9-86       | Parker #56     |
| EST#    | TIME        |                                                  |              |                |
|         | 10:00 pm    | Arrive on Location                               |              |                |
| ①       |             | Dart                                             |              |                |
|         | 10:50-10:55 | 200 OK                                           |              |                |
|         | 10:55-11:10 | 2100 OK                                          |              |                |
| ②       |             | Tiw                                              |              |                |
|         | 11:19-11:24 | 200 OK                                           |              |                |
|         | 11:24-11:39 | 2100 OK                                          |              |                |
|         |             | switch sources                                   |              |                |
| ③       |             | 1 set manifold valves                            |              |                |
|         | 11:44-11:49 | 200 OK                                           |              |                |
|         | 11:49-12:04 | 2100 OK                                          |              |                |
| ④       |             | Super choke                                      |              |                |
|         | 12:10-12:15 | 200                                              |              |                |
|         | 12:15-12:30 | 2100                                             |              |                |
|         |             | Tripping out of hole                             |              |                |
|         |             | pull wear ring - set plug-fill stack with water. |              |                |
| ⑤       |             | Blind - 1st Kill valve                           |              |                |
|         | 1:42-1:47   | 200 OK                                           |              |                |
|         | 1:47-2:02   | 2100 OK                                          |              |                |
|         |             | run joint + Kelly                                |              |                |
|         |             | Pipe - Lower Kelly cock - 2nd choke valve -      |              |                |
| ⑥       |             | 2nd Kill valve                                   |              |                |
|         | 2:13-2:18   | 200 OK                                           |              |                |
|         | 2:18-2:33   | 2100 OK                                          |              |                |
| ⑦       |             | Hydril - Upper Kelly cock - 1st Kill valve - HCR |              |                |
|         | 2:42-2:47   | 200                                              |              |                |
|         | 2:47-3:02   | 2100                                             |              |                |
|         |             | work Hydril and WKC                              |              |                |
|         | 2:58-3:03   | 200 OK                                           |              |                |
|         | 3:03-3:15   | 2100 OK                                          |              |                |
|         |             | Accumulator check                                |              |                |
|         |             | starting pressure 3000 psi                       |              |                |
|         |             | shut pipes 6 sec. blinds 6 sec.                  |              |                |
|         |             | run joint to blinds shut hydril - work           |              |                |
|         |             | HCR open + shut - Ending psi 1300                |              |                |
|         |             | Spool up - made out ticket                       |              |                |



10 National  
c12 XD Pd #56  
Charon



| NAME       | ACTION<br>CODE(S) | INTL |
|------------|-------------------|------|
| NORM       |                   | 3    |
| TAMI       |                   |      |
| VICKY      |                   |      |
| CLAUDIA    |                   |      |
| STEPHANE   |                   |      |
| CHARLES    |                   |      |
| RULA       |                   |      |
| MARY ALICE |                   |      |
| CONNIE     |                   |      |
| MILLIE     |                   |      |
| PAM        | FILE              |      |

### Required Action Code

1. Data Entry
2. Filming
3. Posting
  - a. Card Index
  - b. File Label
  - c. Lists
4. Bonding Verification
5. Other (See Norm)

DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

(Other instructions  
reverse side)

EXPIRATION DATE: 1985  
LEASE DESTINATION: RENTAL

U-081

IF INDIAN, ALLOTTEE OR TRIBE

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT" for such proposals.)

1. OIL WELL ☒ GAS WELL ☐ OTHER ☐

2. NAME OF OPERATOR  
Chevron U.S.A. Inc.

3. ADDRESS OF OPERATOR  
P. O. Box 599, Denver, CO 80201

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*  
See also space 17 below.)  
At surface  
1900' FSL 620' FEL (NE SE)

14. PERMIT NO.  
43-047-31682

15. ELEVATIONS (Show whether DF, RT, GR, etc.)  
5604' GR

7. UNIT AGREEMENT NAME  
Red Wash

8. FARM OR LEASE NAME  
Red Wash

9. WELL NO.  
301 (43-15B)

10. FIELD AND POOL, OR WILDCAT  
Red Wash

11. SEC., T., R., M., OR B.L.K. AND SURVEY OR AREA  
Sec 15, T7S, R23E

12. COUNTY OR PARISH  
Uintah

13. STATE  
Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

|                     |                                     |                      |                          |
|---------------------|-------------------------------------|----------------------|--------------------------|
| TEST WATER SHUT-OFF | <input checked="" type="checkbox"/> | PULL OR ALTER CASING | <input type="checkbox"/> |
| FRACTURE TREAT      | <input checked="" type="checkbox"/> | MULTIPLE COMPLETE    | <input type="checkbox"/> |
| SHOOT OR ACIDIZE    | <input type="checkbox"/>            | ABANDON*             | <input type="checkbox"/> |
| REPAIR WELL         | <input type="checkbox"/>            | CHANGE PLANS         | <input type="checkbox"/> |
| (Other)             |                                     |                      |                          |

SUBSEQUENT REPORT OF:

|                       |                          |                 |                          |
|-----------------------|--------------------------|-----------------|--------------------------|
| WATER SHUT-OFF        | <input type="checkbox"/> | REPAIRING WELL  | <input type="checkbox"/> |
| FRACTURE TREATMENT    | <input type="checkbox"/> | ALTERING CASING | <input type="checkbox"/> |
| SHOOTING OR ACIDIZING | <input type="checkbox"/> | ABANDONMENT*    | <input type="checkbox"/> |
| (Other)               |                          |                 |                          |

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

The well was drilled to a depth of 5900' w/7" production casing run to a depth of 5900' on 2/17/86. Parker Rig 56 was released on 2/18/86. It is proposed to complete the well in the Green River Fm as follows: MIRU WSU. NUBOPS. TIH w/bit and scraper to ±5810' PBD. POH. Perforate at 4 spf 90° phasing and selectively swab test the following zones: 5506'-10'; 5212'-18'; & 4597'-4602'. Additional perfs to be added depend on result. Acidize, frac stimulate if swab tests indicate potential. If swab tests indicate excessive water production, cement squeeze those perfs with ±150 sks LWL cement. Drill out cement. Flow test well.

RECEIVED  
MAR 26 1986

DIVISION OF  
OIL, GAS & MINING

- 3 - BLM
- 3 - STATE
- 1 - BJK
- 1 - GDE
- 3 - DRLG
- 1 - FILE

18. I hereby certify that the foregoing is true and correct.

SIGNED

*L. A. Kirkpatrick/jlw*

TITLE Associate Environmental Specialist

DATE March 24, 1986

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

ACCEPTED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS, AND MINING

DATE: 3-28-86

BY: *John R. Baye*

Federal approval of this action  
is required before commencing  
operations.

\*See Instructions on Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

Form 3160-6  
(November 1983)  
(Formerly 9-329)

MONTHLY REPORT  
OF  
OPERATIONS

Lease No. U-081

Communitization Agreement No. \_\_\_\_\_

Field Name \_\_\_\_\_

Unit Name Red Wash UnitParticipating Area Green RiverCounty Uintah State UtahOperator Chevron U.S.A. Inc.☐ Amended Report

The following is a correct report of operations and production (including status of all unplugged wells) for the month of February, 19 86

(See Reverse of Form for Instructions)

This report is required by law (30 U.S.C. 189, 30 U.S.C. 359, 25 U.S.C. 396d), regulation (43 CFR 3162.4-3), and the terms of the lease. Failure to report can result in the assessment of liquidated damages, (43 CFR 3160), penalties, shutting down operations, or basis for recommendation to cancel the lease and forfeit the bond (43 CFR 3160).

| Well No. | Sec. & 1/4 of 1/4 | TWP | RNG | Well Status | Days Prod. | *Barrels of Oil | *MCF of Gas | *Barrels of Water | Remarks                             |
|----------|-------------------|-----|-----|-------------|------------|-----------------|-------------|-------------------|-------------------------------------|
| 301      | 15 NE SE          | 7S  | 23E | DRG         | 0          | 0               | 0           | 0                 | TD: 5900'<br>7" Csg @ 5900'<br>WOCR |

RECEIVED  
APR 10 1986

DIVISION OF  
OIL, GAS & MINING

\*If none, so state.

## DISPOSITION OF PRODUCTION (Lease, Participating Area, or Communitized Area basis)

|                                             | Oil & Condensate (BBLS)                         | Gas (MCF)          | Water (BBLS)       |
|---------------------------------------------|-------------------------------------------------|--------------------|--------------------|
| APR 14 1986                                 |                                                 |                    |                    |
| APR 10 1986                                 |                                                 |                    |                    |
| *On hand, Start of Month                    | 0                                               | XXXXXXXXXXXXXXXXXX | XXXXXXXXXXXXXXXXXX |
| *Produced                                   | 0                                               | 0                  | 0                  |
| *Sold                                       | 0                                               | 0                  | XXXXXXXXXXXXXXXXXX |
| *Spilled or Lost                            | 0                                               | XXXXXXXXXXXXXXXXXX | XXXXXXXXXXXXXXXXXX |
| *Flared or Vented                           | XXXXXXXXXXXXXXXXXX                              | 0                  | XXXXXXXXXXXXXXXXXX |
| *Used on Lease                              | 0                                               | 0                  | XXXXXXXXXXXXXXXXXX |
| *Injected                                   | 0                                               | 0                  | 0                  |
| *Surface Pits                               | XXXXXXXXXXXXXXXXXX                              | XXXXXXXXXXXXXXXXXX | 0                  |
| *Other (Identify)                           | 0                                               | 0                  | 0                  |
| *On hand, End of Month                      | 0                                               | XXXXXXXXXXXXXXXXXX | XXXXXXXXXXXXXXXXXX |
| *API Gravity/BTU Content                    | -                                               | 0                  | XXXXXXXXXXXXXXXXXX |
| Authorized Signature: <u>Arlene F. Bush</u> | Address: <u>P. O. Box 599, Denver, CO 80201</u> |                    |                    |
| Title: <u>Engineering Assistant</u>         | Page _____ of _____                             |                    |                    |

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

(See other instructions on reverse side)

Form approved.  
Budget Bureau No. 1004-0137  
Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.

U-081

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Red Wash

8. FARM OR LEASE NAME

9. WELL NO.

301 (43-15B)

10. FIELD AND POOL, OR WILDCAT

Red Wash

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA

Sec 15, T7S, R23E

12. COUNTY OR PARISH

Uintah

13. STATE

Utah

1a. TYPE OF WELL:

OIL WELL ☒

GAS WELL ☐

DRY ☐

Other

b. TYPE OF COMPLETION:

NEW WELL ☒

WORK OVER ☐

DEEP-EN ☐

PLUG BACK ☐

DIFF. REVR. ☐

2. NAME OF OPERATOR

Chevron U.S.A. Inc.

3. ADDRESS OF OPERATOR

P. O. Box 599, Denver, CO

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)

At surface

1900' FSL 620' FEL (NE SE)

At top prod. interval reported below

At total depth

Same

14. PERMIT NO.

43-047-31682

DATE ISSUED

10/31/85

15. DATE SPUNDED

1/30/86

16. DATE T.D. REACHED

2/16/86

17. DATE COMPL. (Ready to prod.)

4-7-86

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\*

5604' GR

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

5900'

21. PLUG, BACK T.D., MD & TVD

5455'

22. IF MULTIPLE COMPL., HOW MANY\*

--

23. INTERVALS DRILLED BY

ROTARY TOOLS

All

CABLE TOOLS

--

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\*

Green River Fm (4597'-4602', 5090'-5414')

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

DIL-GR-SP, LDT-CNL-GR-CAL, EPT-ML-GR, MSFL-GR, DIELECTRIC-GR

microlog

27. WAS WELL CORED

Yes

28. CASING RECORD (Report all strings set in well)

| CASING SIZE | WEIGHT, LB./FT. | DEPTH SET (MD) | HOLE SIZE | CEMENTING RECORD                 | AMOUNT PULLED |
|-------------|-----------------|----------------|-----------|----------------------------------|---------------|
| 16          |                 | 67'            | 24        | Cemented to Surface              | --            |
| 9-5/8       | 36#/K55         | 490'           | 12 1/4    | 250 sks 'G' + 290 CC to surface  | --            |
| 7           | 23#/26# K55     | 5900'          | 8-3/4     | 800 sks 65/35 litc & 400 sks 'G' | --            |
|             | N80             |                |           |                                  |               |

29. LINER RECORD

| SIZE | TOP (MD) | BOTTOM (MD) | SACKS CEMENT* | SCREEN (MD) | SIZE  | DEPTH SET (MD) | PACKER SET (MD) |
|------|----------|-------------|---------------|-------------|-------|----------------|-----------------|
|      |          |             |               |             | 2-7/8 | 5067'          |                 |

31. PERFORATION RECORD (Interval, size and number)

4597'-602' 4" gun 4 spf 90° phs  
5090'-094' "  
5097'-104' "  
5114'-121' "  
5128'-132' "

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

| DEPTH INTERVAL (MD) | AMOUNT AND KIND OF MATERIAL USED          |
|---------------------|-------------------------------------------|
| 5506'-010'          | 500 gal 15% HCl/sqz w/50 sk G cmt         |
| 5406'-414'          | 6700 gal gel water frac & 12500# 20/40 sd |
| 5090'-5132'         | 30000 gal gel water frac & 4500# 20/40 sd |

33.\* PRODUCTION

|                       |                 |                                                                      |                         |          |            |                                    |               |
|-----------------------|-----------------|----------------------------------------------------------------------|-------------------------|----------|------------|------------------------------------|---------------|
| DATE FIRST PRODUCTION |                 | PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) |                         |          |            | WELL STATUS (Producing or shut-in) |               |
| 4/11/86               |                 | Rod Pump 1-3/4 x 144" x 10 SPM                                       |                         |          |            | Producing                          |               |
| DATE OF TEST          | HOURS TESTED    | CHOKE SIZE                                                           | PROD'N. FOR TEST PERIOD | OIL—BBL. | GAS—MCF.   | WATER—BBL.                         | GAS-OIL RATIO |
| 4/19/86               | 24              |                                                                      | →                       | 53       | 23         | 400                                | 434           |
| FLOW, TUBING PRESS.   | CASING PRESSURE | CALCULATED 24-HOUR RATE                                              | OIL—BBL.                | GAS—MCF. | WATER—BBL. | OIL GRAVITY-API (CORR.)            |               |
|                       | 159             | →                                                                    | 53                      | 23       | 400        | 27                                 |               |

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

Sold

TEST WITNESSED BY

G. D. Eckerdt

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

L. L. Kirkpatrick

TITLE Associate Environmental Specialist

DATE April 28, 1986

\*(See instructions and spaces for Additional Data on Reverse Side)

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries):

38. GEOLOGIC MARKERS

| FORMATION                                                | TOP     | BOTTOM | DESCRIPTION, CONTENTS, ETC.                                                                                                                                              | NAME           | TOP         |                  |
|----------------------------------------------------------|---------|--------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|-------------|------------------|
|                                                          |         |        |                                                                                                                                                                          |                | MEAS. DEPTH | TRUE VERT. DEPTH |
| Uinta Fm                                                 | Surface | 2993'  | Interbedded white, fluvial sandstone and red flood plain shale and siltstone                                                                                             |                |             |                  |
| Green River Fm                                           | 2993'   | 5900'+ | Interbedded white, quartz-rich sandstone and olive grey shale; occasional interbedded ostracod grainstone and quartz conglomerate. (Base of Green River Fm not reached.) | Uinta Fm       | Surface     | Surface          |
|                                                          |         |        |                                                                                                                                                                          | Green River Fm | 2993'       | 2993'            |
| Numerous porous zones occur through the drilled section. |         |        |                                                                                                                                                                          |                |             |                  |
| No DST'S                                                 |         |        |                                                                                                                                                                          |                |             |                  |
| Core                                                     |         |        |                                                                                                                                                                          |                |             |                  |
| Green River Fm                                           |         |        |                                                                                                                                                                          |                |             |                  |
| Core #1                                                  | 5077'   | 5137'  |                                                                                                                                                                          |                |             |                  |
| Core #2                                                  | 5137'   | 5197'  | See above description                                                                                                                                                    |                |             |                  |
| Core #3                                                  | 5541'   | 5601'  |                                                                                                                                                                          |                |             |                  |
| Core #4                                                  | 5601'   | 5661'  |                                                                                                                                                                          |                |             |                  |
|                                                          |         |        | * 5212'-218' 4" gun 4 spf 90° phs                                                                                                                                        |                |             |                  |
|                                                          |         |        | 5406'-414' "                                                                                                                                                             |                |             |                  |
|                                                          |         |        | 5506'-510' "                                                                                                                                                             |                |             |                  |

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE  
(Other instructions on reverse side)

Form approved.  
Budget Bureau No. 1004-0-3  
Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.  
U-081  
6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
POW  
082111

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT" for such proposals.)

|                                                                                                                                                         |                                                                    |
|---------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------|
| 1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>                                        | 7. UNIT AGREEMENT NAME<br>Red Wash                                 |
| 2. NAME OF OPERATOR<br>Chevron U.S.A. Inc.                                                                                                              | 8. FARM OR LEASE NAME<br>RMU                                       |
| 3. ADDRESS OF OPERATOR<br>P.O. Box 599, Denver, CO 80201                                                                                                | 9. WELL NO.<br>301                                                 |
| 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.<br>See also space 17 below.)<br>At surface<br><br>1900' FSL | 10. FIELD AND POOL OR WILDCAT<br>Red Wash                          |
| 14. PERMIT NO.<br>43-047-31680                                                                                                                          | 11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA<br>S15, T7S, R23E |
| 15. ELEVATIONS (Show whether DF, RT, GR, etc.)<br>5621' KB                                                                                              | 12. COUNTY OR PARISH<br>Uintah                                     |
|                                                                                                                                                         | 13. STATE<br>Utah                                                  |

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

| NOTICE OF INTENTION TO:   |                                     | SUBSEQUENT REPORT OF:                                                                                 |                          |
|---------------------------|-------------------------------------|-------------------------------------------------------------------------------------------------------|--------------------------|
| TEST WATER SHUT-OFF       | <input type="checkbox"/>            | WATER SHUT-OFF                                                                                        | <input type="checkbox"/> |
| FRACTURE TREAT            | <input checked="" type="checkbox"/> | FRACTURE TREATMENT                                                                                    | <input type="checkbox"/> |
| SHOOT <del>XXXXXXXX</del> | <input checked="" type="checkbox"/> | SHOOTING OR ACIDIZING                                                                                 | <input type="checkbox"/> |
| REPAIR WELL               | <input type="checkbox"/>            | (Other)                                                                                               | <input type="checkbox"/> |
| (Other) Cased Hole Logs   | <input checked="" type="checkbox"/> | (NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.) |                          |

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

It is proposed to log, perforate, fracture stimulate and return RWU #301 to production as follows:

1. MIRU. POOH with rods and pump. N/D wellhead. N/U BOPE and test.
2. POOH with production tubing.
3. Drill out CICR @ 5455'. Clean out to PBTD @ 5809'.
4. Run Schlumberger GST/GR and Dresser Carbon-Oxygen cased hole logs.
5. Perforate 4566'-76' and 5540'-46' with 4 SPF.
6. Isolate and breakdown perfs @ 5540'-46' with 2% KCL. Swab test.
7. Isolate and breakdown perfs @ 4597'-602' with 2% KCL. Swab test.
8. Isolate and breakdown perfs @ 4566'-76' with 2% KCL. Swab test.
9. Depending on swab results, cement squeeze or fracture stimulate 5540'-46'.
10. Fracture stimulate 4566'-602' with 17000 gals gelled 2% KCL containing 10,000# 10/20 sand.
11. Clean out sand to PBTD.
12. Run production tubing. N/D BOPE. N/U wellhead.
13. Run pump and rods, release rig and return well to production.

RECEIVED

AUG 13 1987

DIVISION OF OIL  
GAS & MINING

3-BLM  
3-State  
2-Partners  
1-EEM  
3-Drilg  
1-File

18. I hereby certify that the foregoing is true and correct  
SIGNED J. A. Watson TITLE Office Assistant DATE August 7, 1987  
(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

ACCEPTED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS, AND MINING

Federal approval of this action  
is required before commencing  
operations.

\*See Instructions on Reverse Side

DATE: 8-21-87  
BY: R. R. Bays

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE  
(Other instructions on re-  
verse side)

Form approved.  
Budget Bureau No. 1004-0135  
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

|                                                                                                                                                                                                    |                                                                        |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------|
| 1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>                                                                                   | 5. LEASE DESIGNATION AND SERIAL NO.<br>U-081                           |
| 2. NAME OF OPERATOR<br>Chevron U.S.A. Inc.                                                                                                                                                         | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME<br>082702                         |
| 3. ADDRESS OF OPERATOR<br>P. O. Box 599, Denver, Colorado 80201                                                                                                                                    | 7. UNIT AGREEMENT NAME<br>Red Wash                                     |
| 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.<br>See also space 17 below.)<br>At surface<br>1900' FSL and 620' FEL NE $\frac{1}{4}$ SE $\frac{1}{4}$ | 8. FARM OR LEASE NAME                                                  |
| 14. PERMIT NO.<br>43-047-31682                                                                                                                                                                     | 9. WELL NO.<br>301 (43-15B)                                            |
| 15. ELEVATIONS (Show whether DF, RT, GR, etc.)<br>GR 5627'                                                                                                                                         | 10. FIELD AND POOL, OR WILDCAT<br>Red Wash Green River                 |
|                                                                                                                                                                                                    | 11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA<br>Sec. 15, T7S, R23E |
|                                                                                                                                                                                                    | 12. COUNTY OR PARISH<br>Uintah                                         |
|                                                                                                                                                                                                    | 13. STATE<br>Utah                                                      |

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

|                     |                                     |                      |                          |
|---------------------|-------------------------------------|----------------------|--------------------------|
| TEST WATER SHUT-OFF | <input type="checkbox"/>            | PULL OR ALTER CASING | <input type="checkbox"/> |
| FRACTURE TREAT      | <input checked="" type="checkbox"/> | MULTIPLE COMPLETE    | <input type="checkbox"/> |
| SHOOT OR ACIDIZE    | <input type="checkbox"/>            | ABANDON*             | <input type="checkbox"/> |
| REPAIR WELL         | <input type="checkbox"/>            | CHANGE PLANS         | <input type="checkbox"/> |
| (Other)             |                                     |                      |                          |

SUBSEQUENT REPORT OF:

|                       |                          |                 |                          |
|-----------------------|--------------------------|-----------------|--------------------------|
| WATER SHUT-OFF        | <input type="checkbox"/> | REPAIRING WELL  | <input type="checkbox"/> |
| FRACTURE TREATMENT    | <input type="checkbox"/> | ALTERING CASING | <input type="checkbox"/> |
| SHOOTING OR ACIDIZING | <input type="checkbox"/> | ABANDONMENT*    | <input type="checkbox"/> |
| (Other)               |                          |                 |                          |

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

1. MIRU.
2. POOH w/pump and rods.
3. ND wellhead. Release anchor catcher. NU and Tst. BOPE.
4. POOH w/Production tbg.
5. Perf. 5540'-46' (K<sub>B</sub>) and 4566'-76' (F<sub>R</sub>). RIH w/RBP and pkr. B/D perfs.
6. Swab Tst. perfs.
7. Fracture stimulate productive intervals.
8. Clean out to PBTD.
9. Run Production Tbg. N/D BOPE. N/U wellhead.
10. RIH w/pump and rods. Turn well over to Production.

3-BLM  
3-State  
1-EEM  
2-Partners  
3-Drlg.  
1-File

18. I hereby certify that the foregoing is true and correct

SIGNED [Signature]

TITLE Office Assistant

DATE August 18, 1987

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

TITLE \_\_\_\_\_

ACCEPTED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS, AND MINING

DATE: 8-26-87  
BY: [Signature]

Federal approval of this action  
is required before commencing  
operations.

\*See Instructions on Reverse Side

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE  
(Other instructions on re-  
verse side)

Form approved.  
Budget Bureau No. 1004-0135  
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

|                                                                                                                                                                   |  |                                                                        |  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|------------------------------------------------------------------------|--|
| 1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>                                                  |  | 5. LEASE DESIGNATION AND SERIAL NO.<br>U-081 <b>POW</b>                |  |
| 2. NAME OF OPERATOR<br>Chevron U.S.A. Inc.                                                                                                                        |  | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME<br><b>101309</b>                  |  |
| 3. ADDRESS OF OPERATOR<br>P. O. Box 599 Denver, CO 80201                                                                                                          |  | 7. UNIT AGREEMENT NAME<br>Red Wash Unit                                |  |
| 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*<br>See also space 17 below.)<br>At surface<br><br>620' FEL 1900' FSL |  | 8. FARM OR LEASE NAME<br>Red Wash Unit                                 |  |
| 14. PERMIT NO.<br><b>43-047-31680</b>                                                                                                                             |  | 9. WELL NO.<br>#301 (43-15B)                                           |  |
| 15. ELEVATIONS (Show whether DF, RT, OR, etc.)<br>5621' KB                                                                                                        |  | 10. FIELD AND POOL, OR WILDCAT<br>Red Wash                             |  |
|                                                                                                                                                                   |  | 11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA<br>Sec. 15, T7S, R23E |  |
|                                                                                                                                                                   |  | 12. COUNTY OR PARISH<br>Uintah                                         |  |
|                                                                                                                                                                   |  | 13. STATE<br>Utah                                                      |  |

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

|                     |                          |                      |                          |
|---------------------|--------------------------|----------------------|--------------------------|
| TEST WATER SHUT-OFF | <input type="checkbox"/> | PULL OR ALTER CASING | <input type="checkbox"/> |
| FRACTURE TREAT      | <input type="checkbox"/> | MULTIPLE COMPLETE    | <input type="checkbox"/> |
| SHOOT OR ACIDIZE    | <input type="checkbox"/> | ABANDON*             | <input type="checkbox"/> |
| REPAIR WELL         | <input type="checkbox"/> | CHANGE PLANS         | <input type="checkbox"/> |
| (Other)             |                          |                      |                          |

SUBSEQUENT REPORT OF:

|                       |                                     |                 |                          |
|-----------------------|-------------------------------------|-----------------|--------------------------|
| WATER SHUT-OFF        | <input type="checkbox"/>            | REPAIRING WELL  | <input type="checkbox"/> |
| FRACTURE TREATMENT    | <input checked="" type="checkbox"/> | ALTERING CASING | <input type="checkbox"/> |
| SHOOTING OR ACIDIZING | <input checked="" type="checkbox"/> | ABANDONMENT*    | <input type="checkbox"/> |
| (Other)               |                                     |                 |                          |

Cased-hole logs  
(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) \*

RWU #301 was logged, perforated and stimulated as follows:

1. MI rig 9-1-87. N/D wellhead. N/U BOPE.
2. Pulled production equipment.
3. Drilled out CICR to 5455' and CO to PBTD at 5810'.
4. Logged well w/Dresser Carbon Oxygen Log 5800'-4500' and Schlumberger GST-GR 5810-4500'.
5. Perforated K<sub>B</sub> (5540-46) and F<sub>R</sub> (4566-4576) w/4 SPF.
6. Selectively broke down and swabbed K<sub>B</sub> (5540-46), F<sub>T</sub> (4597-4602), and F<sub>R</sub> (4566-4576).
7. Perforated K<sub>D</sub> (5602-5609), acidized K<sub>D</sub> (5602-09) with 500 gal 15% HCl, communicated to K<sub>B</sub> (5540-46).
8. Set CICR at 5570 and cement squeezed K<sub>D</sub> (5602-09) with 100 sx Class H.
9. CO to new PBTD at 5570'.
10. Reperforated K<sub>B</sub> and (5540-46) and J<sub>E</sub> (5406-14) at 4 SPF.
11. Acidized K<sub>B</sub> and J<sub>E</sub> with 250 gal 15% HCl each.
12. Fracture stimulated F<sub>R</sub> (4566-76) and F<sub>T</sub> (4597-4602) with 19,000# 20/40 and 10,000# 12/20 sand.
13. Cleaned out to PBTD at 5570'. Ran production equipment.
14. Released rig 9-20-87. Turned over to production.

|              |          |                |
|--------------|----------|----------------|
| 3 - BLM      | 1 - EEM  | 1 - PLM        |
| 3 - State    | 1 - MKD  | 1 - Sec. 724 C |
| 2 - Partners | 3 - Drlg | 1 - File       |

OCT 7 1987

18. I hereby certify that the foregoing is true and correct

SIGNED G. J. Watson TITLE Office Assistant DATE 9/30/87

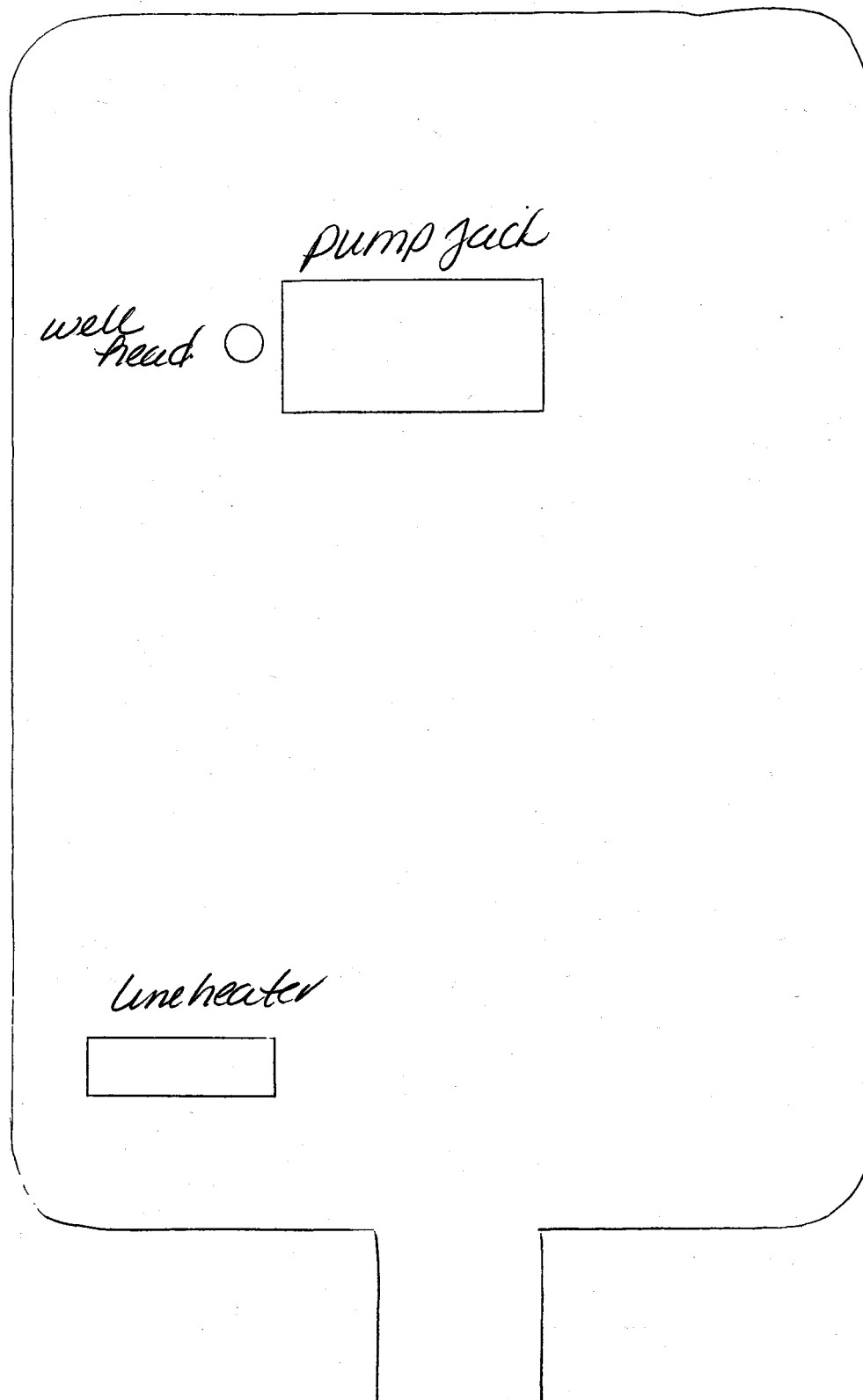
(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side

Rwtd 301 43-15B Sec 15, 7S, 23E Chisly 14 Sept 88

N



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE  
(Other instructions on reverse side)

Form approved.  
Budget Bureau No. 1004-0135  
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL ☒ GAS WELL ☐ OTHER ☐

2. NAME OF OPERATOR  
Chevron U.S.A. Inc., Room 13097

3. ADDRESS OF OPERATOR  
P. O. Box 599, Denver CO 80201

4. LOCATION OF WELL (Report location clearly and in accordance with any state requirements. See also space 17 below.)  
At surface  
1,900' FSL  
620' FEL (NE, SE)

14. PERMIT NO.  
43-047-31682

15. ELEVATIONS (Show whether DF, RT, GR, etc.)  
GL: 5,604 KB: 5,621

5. LEASE DESIGNATION AND SERIAL NO.  
U-081

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME  
Red Wash Unit

8. FARM OR LEASE NAME  
Red Wash

9. WELL NO.  
RWU #301 (43-15B)

10. FIELD AND POOL, OR WILDCAT  
Red Wash-Green River

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Sec. 15-T7S-R23E

12. COUNTY OR PARISH  
Uintah

13. STATE  
Utah

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐

PULL OR ALTER CASING ☐

FRACTURE TREAT ☐

MULTIPLE COMPLETE ☐

SHOOT OR ACIDIZE ☒

ABANDON\* ☐

REPAIR WELL ☐

CHANGE PLANS ☐

(Other) ☐

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐

REPAIRING WELL ☐

FRACTURE TREATMENT ☐

ALTERING CASING ☐

SHOOTING OR ACIDIZING ☐

ABANDONMENT\* ☐

(Other) ☐

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

It is proposed to recomplete RWU #301 (43-15B) as follows:

1. MIRU. POOH w/rods & pump. Release bac. N/D wellhead. N/U & test BOPE.
2. POOH w/production string.
3. RIH w/bit & csg scraper. Clean out to 5,570' (PBDT).
4. Perforate the following intervals w/4" csg guns loaded 4 spf, 90° phasing.  
5,160-5,164 (Id) 4,673-4,682 (Gg/Gh)  
4,791-4,804 (Gq/Gr) 4,635-4,641 (Gb/Gc)
5. RIH w/RBP & pkr. Selectively breakdown, acidize & swab test the above zones.
6. POOH w/tools.
7. RIH w/production string.
8. N/D BOPE. N/U wellhead. RIH w/pump & rods.
9. RDMOL.

3-BLM  
3-State  
2-Partners  
1-EEM  
1-MKD  
2-Dr1g  
1-File

18. I hereby certify that the foregoing is true and correct

SIGNED J. S. Watson TITLE Technical Assistant DATE 1-27-89

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

ACCEPTED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS, AND MINING

DATE 2-2-89  
BY John R. Boye

Federal approval of this action  
is required before commencing  
operations. \*See Instructions on Reverse Side



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE\*  
(Other instructions on re-  
verse side)

Form approved.  
Budget Bureau No. 1004-0135  
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

|                                                                                                                                                                            |  |                                                                      |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|----------------------------------------------------------------------|
| 1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>                                                           |  | 7. UNIT AGREEMENT NAME<br>Red Wash Unit                              |
| 2. NAME OF OPERATOR<br>Chevron U.S.A. Inc., Room 13097                                                                                                                     |  | 8. FARM OR LEASE NAME<br>Red Wash                                    |
| 3. ADDRESS OF OPERATOR<br>P. O. Box 599, Denver CO 80201                                                                                                                   |  | 9. WELL NO.<br>RWU #301 (43-15B)                                     |
| 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*<br>See also space 17 below.)<br>At surface<br>1,900' FSL<br>620' FEL (NE, SE) |  | 10. FIELD AND POOL, OR WILDCAT<br>Red Wash-Green River               |
| 14. PERMIT NO.<br>43-047-31682                                                                                                                                             |  | 11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA<br>Sec. 15-T7S-R23E |
| 15. ELEVATIONS (Show whether DF, RT, OR, etc.)<br>GL: 5,604' KB: 5,621'                                                                                                    |  | 12. COUNTY OR PARISH<br>Uintah                                       |
|                                                                                                                                                                            |  | 13. STATE<br>Utah                                                    |

18. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETION

ABANDON\*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT\*

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting and proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

RWU #301 was recompleted as follows:

1. MIRU Gudac #1 2/2/89. Pull rods. N/D WH. N/U BOPE. POOH w/prod. tbg.
2. Cleaned out to PBTD w/bit & scraper (5,568').
3. Perforated I<sub>d</sub> (5,160'-64'), G<sub>q</sub>/G<sub>r</sub> (4,791'-4,804'), G<sub>g</sub>/G<sub>h</sub> (4,673'-82'), G<sub>b</sub>/G<sub>c</sub> (4,635'-41') @ 4 spf, 90° ph.
4. Selectively acidized: I<sub>d</sub> (500 gal 15% HCL), communicated to I<sub>c</sub> & I<sub>b</sub> perms. Swabbed back load.  
Selectively acidized: G<sub>q</sub>/G<sub>r</sub> (1,000 gal); swabbed back load.
5. Pumped settle-pack frac on I<sub>d</sub>/I<sub>c</sub>/I<sub>b</sub> perms (5,090'-5,164') w/28,180# 16/30 sand in 26,840 gallons gel fluid. Cleaned out sand after frac.
6. Acidized G<sub>g</sub>/G<sub>h</sub> (750 gal), G<sub>b</sub>/G<sub>c</sub> (500 gal). Swabbed back loads.
7. Cement squeezed G<sub>q</sub>/G<sub>r</sub> (4,791'-4,804') and G<sub>b</sub>/G<sub>c</sub> (4,635'-41') w/100 sx each to shut off water.
8. Cleaned out to PBTD w/bit & scraper.
9. Reperforated G<sub>g</sub>/G<sub>h</sub> and acidized with 250 gallons. Swabbed back load.
10. Ran production equipment. N/D BOPE. N/U WH.
11. Return to production 2-22-89.

|            |              |
|------------|--------------|
| 3-BLM      | 2-Drlg       |
| 3-State    | 1-PLM        |
| 2-Partners | 1-Sec. 724-C |
| 1-EEM      | 1-Sec. 724-R |
| 1-MKD      | 1-File       |

18. I hereby certify that the foregoing is true and correct

SIGNED

TITLE Technical Assistant

DATE 2-27-89

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

Oil Gas  
☒ Well ☐ Well ☐ Other

2. Name of Operator

Chevron U.S.A. Inc.

3. Address and Telephone No.

P.O. Box 599, Denver, CO 80201 (303) 930-3691

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1900' FSL, 620' FEL (NE/SE)  
Section 15, T7S-R23E

5. Lease Designation and Serial No.

U-081

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

Red Wash

8. Well Name and No.

301 (43-15B)

9. API Well No.

43-047-31682

10. Field and Pool, or Exploratory Area

Red Wash

11. County or Parish, State

Uintah, Utah

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent  
☒ Subsequent Report  
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☒ Other Shut In

- ☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ Dispose Water

(Note) Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

As of 9/1/91 the subject well is shut in.

RECEIVED

SEP 19 1991

DIVISION OF  
OIL GAS & MINING

3-BLM  
3-State  
1-JRB  
1-Well File  
1-JLW  
1-REK  
1-Sec 724R  
1-COS  
2-Partners

14. I hereby certify that the foregoing is true and correct

Signed [Signature] Title Permit Specialist Date 9/13/91

(This space for Federal or State office use)

Approved by: \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_  
Conditions of approval, if any: \_\_\_\_\_

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.



**Chevron U.S.A. Inc.**  
P.O. Box 455, Vernal, UT 84078 • Phone (801) 789-2442

**FEBRUARY 15, 1993**

**ANNUAL REPORT OF  
SHUT-IN WELLS  
RED WASH UNIT  
UINTAH COUNTY, UTAH**

**BUREAU OF LAND MANAGEMENT  
170 SOUTH 500 EAST  
VERNAL, UT 84078**

**GENTLEMEN:**

Enclosed, please find the annual report of shut-in wells in Red Wash Unit. If you have any questions, please call the above address.

**Sincerely,**

  
\_\_\_\_\_  
**J.T. CONLEY  
AREA OPERATIONS SUPERVISOR**

sdm  
Enclosures

cc: State of Utah  
Department of Natural Resources  
Division of Oil, Gas and Mining  
355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, UT 84180-1203

Buttram Energies, Inc.  
6303 Waterford Boulevard, Suite 220  
Oklahoma City, OK 73116

**RECEIVED**

**FEB 18 1993**

**DIVISION OF  
OIL GAS & MINING**



**Chevron U.S.A. Inc.**  
P.O. Box 455, Vernal, UT 84078 • Phone (801) 789-2442

FEBRUARY 15, 1993

ANNUAL REPORT OF  
SHUT-IN WELLS  
WONSITS VALLEY STATE/FEDERAL UNIT  
UINTAH COUNTY, UTAH

BUREAU OF LAND MANAGEMENT  
170 SOUTH 500 EAST  
VERNAL, UT 84078

GENTLEMEN:

Enclosed, please find the annual report of shut-in wells in Red Wash Unit. If you have any questions, please call the above address.

Sincerely,

J.T. CONLEY  
AREA OPERATIONS SUPERVISOR

sdm  
Enclosures

cc: State of Utah  
Department of Natural Resources  
Division of Oil, Gas and Mining  
355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, UT 84180-1203

RECEIVED

FEB 18 1993

DIVISION OF  
OIL GAS & MINING

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals

**SUBMIT IN TRIPLICATE**

1. Type of Well

Oil ☐ Gas ☐  
☒ Well ☐ Well ☐ Other

2. Name of Operator

**Chevron U.S.A. Inc.**

3. Address and Telephone No.

**P.O. Box 455, Vernal, Utah 84078 (801) 789-2442**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

**1900 FSL, 620 FEL, SEC. 15, T7S, R23E**

5. Lease Designation and Serial No.  
**U-081**

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation  
**Red Wash Unit**

8. Well Name and No.  
**RWU #301 (43-15B)**

9. API Well No.  
**43-047-31682**

10. Field and Pool, or Exploratory Area  
**Red Wash-Grn. River**

11. County or Parish, State  
**Uintah, Utah**

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent  
☒ Subsequent Report  
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☒ Other \_\_\_\_\_

- ☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ Dispose Water

(Note) Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Well test facility upgrades were completed in 1992. We plan to re-evaluate this shut-in production well during 1993.

**RECEIVED**

FEB 18 1993

DIVISION OF  
OIL GAS & MINING

14. I hereby certify that the foregoing is true and correct

Signed

Title

Date 02/10/93

(This space for Federal or State office use)

Approved by:

Title

Date

Conditions of approval, if any:

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir  
Use "APPLICATION FOR PERMIT--" for such proposals

**SUBMIT IN TRIPLICATE**

|                                                                                                                                                                                       |                                                                       |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------|
| 1. Type of Well<br>Oil <input type="checkbox"/> Gas <input type="checkbox"/><br><input checked="" type="checkbox"/> Well <input type="checkbox"/> Well <input type="checkbox"/> Other | 5. Lease Designation and Serial No.<br><b>U-081</b>                   |
| 2. Name of Operator<br><b>CHEVRON U.S.A. PRODUCTION COMPANY</b>                                                                                                                       | 6. If Indian, Allottee or Tribe Name                                  |
| 3. Address and Telephone No.<br><b>P. O. BOX 455, VERNAL, UT 84078 (801) 781-4302</b>                                                                                                 | 7. If Unit or CA, Agreement Designation<br><b>RED WASH UNIT</b>       |
| 4. Location of Well (Footage, Sec., T., R., M., or Survey Description)<br><b>1900' FSL, 620' FEL, SEC. 15, T7S/R23E</b>                                                               | 8. Well Name and No.<br><b>RWU #301 (43-15B)</b>                      |
|                                                                                                                                                                                       | 9. API Well No.<br><b>43-047-31682</b>                                |
|                                                                                                                                                                                       | 10. Field and Pool, or Exploratory Area<br><b>RED WASH-GRN. RIVER</b> |
|                                                                                                                                                                                       | 11. County or Parish, State<br><b>UINTAH, UTAH</b>                    |

| 12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA |                                                   |                                                  |
|----------------------------------------------------------------------------------|---------------------------------------------------|--------------------------------------------------|
| TYPE OF SUBMISSION                                                               | TYPE OF ACTION                                    |                                                  |
| <input checked="" type="checkbox"/> Notice of Intent                             | <input type="checkbox"/> Abandonment              | <input type="checkbox"/> Change of Plans         |
| <input type="checkbox"/> Subsequent Report                                       | <input checked="" type="checkbox"/> Recompletion  | <input type="checkbox"/> New Construction        |
| <input type="checkbox"/> Final Abandonment Notice                                | <input checked="" type="checkbox"/> Plugging Back | <input type="checkbox"/> Non-Routine Fracturing  |
|                                                                                  | <input type="checkbox"/> Casing Repair            | <input type="checkbox"/> Water Shut-Off          |
|                                                                                  | <input type="checkbox"/> Altering Casing          | <input type="checkbox"/> Conversion to Injection |
|                                                                                  | <input type="checkbox"/> Other _____              | <input type="checkbox"/> Dispose Water           |

(Note) Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

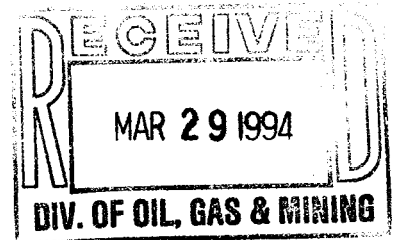
13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work)

We propose to recomplete the subject oil producer to a flowing gas producer as follows:

1. MIRU. TOH with tubing and anchor.
2. Clean out to 5100'.
3. Set CIBP at 5070'.
4. Hydrotest in hole to 5000 PSI with packer and tubing. Set packer at 4830'.
5. Swab down tubing and perforate 4958-4962' and 4922-4927'.
6. Flow/swab test well.
7. RDMO.

ACCEPTED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS, AND MINING

DATE: 3-20-94  
BY: [Signature]



14. I hereby certify that the foregoing is true and correct.  
Signed [Signature] Title Operations Assistant Date 03/24/94 ✓

(This space for Federal or State office use)

Approved by: \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_  
Conditions of approval, if any \_\_\_\_\_

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir  
Use "APPLICATION FOR PERMIT--" for such proposals

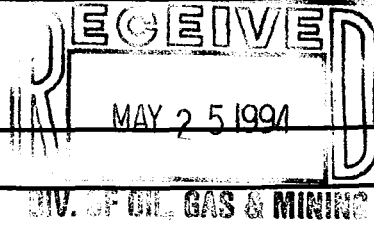
**SUBMIT IN TRIPLICATE**

1. Type of Well  
Oil ☐ Gas ☐  
☒ Well ☐ Well ☐ Other

2. Name of Operator  
**CHEVRON U.S.A. PRODUCTION COMPANY**

3. Address and Telephone No.  
**11002 EAST 17500 SOUTH, VERNAL, UT 84078-8526 (801) 781-4302**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
**1900' FSL, 620' FEL, SEC. 15, T7S/R23E**



5. Lease Designation and Serial No.  
**U-081**

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation  
**RED WASH UNIT**

8. Well Name and No.  
**RWU #301 (43-15B)**

9. API Well No.  
**43-047-31682**

10. Field and Pool, or Exploratory Area  
**RED WASH-GRN. RIVER**

11. County or Parish, State  
**UINTAH, UTAH**

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

| TYPE OF SUBMISSION                                    | TYPE OF ACTION                                    |                                                  |
|-------------------------------------------------------|---------------------------------------------------|--------------------------------------------------|
| <input type="checkbox"/> Notice of Intent             | <input type="checkbox"/> Abandonment              | <input type="checkbox"/> Change of Plans         |
| <input checked="" type="checkbox"/> Subsequent Report | <input checked="" type="checkbox"/> Recompletion  | <input type="checkbox"/> New Construction        |
| <input type="checkbox"/> Final Abandonment Notice     | <input checked="" type="checkbox"/> Plugging Back | <input type="checkbox"/> Non-Routine Fracturing  |
|                                                       | <input type="checkbox"/> Casing Repair            | <input type="checkbox"/> Water Shut-Off          |
|                                                       | <input type="checkbox"/> Altering Casing          | <input type="checkbox"/> Conversion to Injection |
|                                                       | <input type="checkbox"/> Other _____              | <input type="checkbox"/> Dispose Water           |

(Note) Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work)

The following work was completed between 05/10/94 and 05/12/94:

1. MIRU.
2. RIH with bit and casing scraper to 5158'. Circulated well.
3. Set CIBP at 5075'. RIH with 7" Lok-set packer. Hydrotested in hole to 5500 PSI. Found one bad joint.
4. Set packer at 4825'. Tested tubing and blank to 1500 PSI; good. Swab tubing down to 4400'.
5. Perforated the following zones with 4 JSPF: 4958-4962', 4922-4927'.
6. Flow/swab tested well.
7. RDMO.

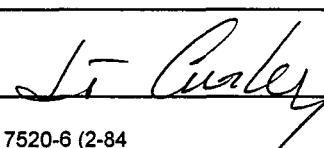
14. I hereby certify that the foregoing is true and correct.  
Signed Chane Hough Title Operations Assistant Date 05/23/94 ✓

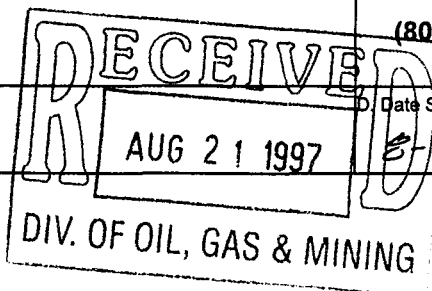
(This space for Federal or State office use)

Approved by: \_\_\_\_\_ Title \_\_\_\_\_ Date tax credit 8/17/94

Conditions of approval, if any \_\_\_\_\_

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                   |                                  |                              |                                                                                    |  |                                                          |  |                                                                         |  |                            |                                                                                             |                                   |                        |           |  |      |  |           |  |      |  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|------------------------------|------------------------------------------------------------------------------------|--|----------------------------------------------------------|--|-------------------------------------------------------------------------|--|----------------------------|---------------------------------------------------------------------------------------------|-----------------------------------|------------------------|-----------|--|------|--|-----------|--|------|--|
| Form<br><br><b>4</b><br><br>UIC                                                                                                                                                                                                                                                                                                                                                                                                                                                             | UNITED STATES ENVIRONMENTAL PROTECTION AGENCY<br><b>UNDERGROUND INJECTION CONTROL PERMIT APPLICATION</b><br><i>(Collected under the authority of the Safe Drinking Water Act, Section 1421, 1422, 40 CFR 144)</i> |                                  |                              |                                                                                    |  |                                                          |  |                                                                         |  |                            | I. EPA ID NUMBER<br><div style="border: 1px solid black; height: 40px; width: 100%;"></div> |                                   |                        |           |  |      |  |           |  |      |  |
| READ ATTACHED INSTRUCTION BEFORE STARTING<br>FOR OFFICIAL USE ONLY                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                   |                                  |                              |                                                                                    |  |                                                          |  |                                                                         |  |                            |                                                                                             |                                   |                        |           |  |      |  |           |  |      |  |
| Application approved<br>mo day year                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                   |                                  | Date Received<br>mo day year |                                                                                    |  | Permit / Well Number                                     |  |                                                                         |  | Comments                   |                                                                                             |                                   |                        |           |  |      |  |           |  |      |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                   |                                  |                              |                                                                                    |  |                                                          |  |                                                                         |  |                            |                                                                                             |                                   |                        |           |  |      |  |           |  |      |  |
| II. NAME AND ADDRESS OF FACILITY                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                   |                                  |                              |                                                                                    |  | III. OWNER / OPERATOR AND ADDRESS                        |  |                                                                         |  |                            |                                                                                             |                                   |                        |           |  |      |  |           |  |      |  |
| Facility Name<br>RED WASH UNIT #301 (43-15B)                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                   |                                  |                              |                                                                                    |  | Owner / Operator Name<br>CHEVRON USA PRODUCTION CO., INC |  |                                                                         |  |                            |                                                                                             |                                   |                        |           |  |      |  |           |  |      |  |
| Street Address<br>11002 EAST 17500 SOUTH                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                   |                                  |                              |                                                                                    |  | Street Address<br>11002 EAST 17500 SOUTH                 |  |                                                                         |  |                            |                                                                                             |                                   |                        |           |  |      |  |           |  |      |  |
| City<br>VERNAL                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                   |                                  |                              | State<br>UT                                                                        |  | ZIP Code<br>84078-8526                                   |  | City<br>VERNAL                                                          |  |                            | State<br>UT                                                                                 |                                   | ZIP Code<br>84078-8526 |           |  |      |  |           |  |      |  |
| IV OWNERSHIP STATUS (Mark 'x')                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                   |                                  |                              |                                                                                    |  | V. SIC CODES                                             |  |                                                                         |  |                            |                                                                                             |                                   |                        |           |  |      |  |           |  |      |  |
| <input checked="" type="checkbox"/> A. Federal <input type="checkbox"/> B. State <input type="checkbox"/> C. Private<br><br><input type="checkbox"/> D. Public <input type="checkbox"/> E. Other (Explain)                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                   |                                  |                              |                                                                                    |  | 1311                                                     |  |                                                                         |  |                            |                                                                                             |                                   |                        |           |  |      |  |           |  |      |  |
| VI. WELL STATUS (Mark 'x')                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                   |                                  |                              |                                                                                    |  |                                                          |  |                                                                         |  |                            |                                                                                             |                                   |                        |           |  |      |  |           |  |      |  |
| <input checked="" type="checkbox"/> A.                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                   | Date Started                     |                              | <input checked="" type="checkbox"/> B. Modification / Conversion                   |  | <input type="checkbox"/> C. Proposed                     |  |                                                                         |  |                            |                                                                                             |                                   |                        |           |  |      |  |           |  |      |  |
| Flowing gas well                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                   | mo day year                      |                              | CHEVRON PROPOSES TO CONVERT THIS FLOWING GAS WELL TO A CLASS II ER WATER INJECTOR. |  |                                                          |  |                                                                         |  |                            |                                                                                             |                                   |                        |           |  |      |  |           |  |      |  |
| VII. TYPE OF PERMIT REQUESTED (Mark 'x' and specify if required)                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                   |                                  |                              |                                                                                    |  |                                                          |  |                                                                         |  |                            |                                                                                             |                                   |                        |           |  |      |  |           |  |      |  |
| <input checked="" type="checkbox"/> A. Individual                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                   | <input type="checkbox"/> B. Area |                              | Number of Existing wells<br><b>1</b>                                               |  | Number of Proposed wells<br><b>1</b>                     |  | Name(s) of field(s) or project(s)<br><b>RED WASH UNIT #301 (43-15B)</b> |  |                            |                                                                                             |                                   |                        |           |  |      |  |           |  |      |  |
| VII. CLASS AND TYPE OF WELL (see reverse)                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                   |                                  |                              |                                                                                    |  |                                                          |  |                                                                         |  |                            |                                                                                             |                                   |                        |           |  |      |  |           |  |      |  |
| A. Class(es)<br>(enter code(s))                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                   | B. Type(s)<br>(enter code(s))    |                              | C. If class is "other" or type is code 'x', explain                                |  |                                                          |  | D. Number of wells per type (if area permit)                            |  |                            |                                                                                             |                                   |                        |           |  |      |  |           |  |      |  |
| <b>II</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                   | <b>ER</b>                        |                              |                                                                                    |  |                                                          |  |                                                                         |  |                            |                                                                                             |                                   |                        |           |  |      |  |           |  |      |  |
| IX. LOCATION OF WELL(S) OR APPROXIMATE CENTER OF FIELD OR PROJECT                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                   |                                  |                              |                                                                                    |  |                                                          |  |                                                                         |  | X. INDIAN LANDS (Mark 'x') |                                                                                             |                                   |                        |           |  |      |  |           |  |      |  |
| A. Latitude                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                   |                                  | B. Longitude                 |                                                                                    |  | Township and Range                                       |  |                                                                         |  |                            |                                                                                             |                                   |                        |           |  |      |  |           |  |      |  |
| C. Deg Min Sec                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                   |                                  | Deg Min Sec                  |                                                                                    |  | Twsp                                                     |  | Range                                                                   |  | Sec                        |                                                                                             | 1/4 Sec                           |                        | Feet from |  | Line |  | Feet from |  | Line |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                   |                                  |                              |                                                                                    |  | 7S                                                       |  | 23E                                                                     |  | 15                         |                                                                                             | NESE                              |                        | 1900      |  | FSL  |  | 620       |  | FEL  |  |
| <input checked="" type="checkbox"/> A. Yes <input type="checkbox"/> B. No                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                   |                                  |                              |                                                                                    |  |                                                          |  |                                                                         |  |                            |                                                                                             |                                   |                        |           |  |      |  |           |  |      |  |
| XI. ATTACHMENTS                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                   |                                  |                              |                                                                                    |  |                                                          |  |                                                                         |  |                            |                                                                                             |                                   |                        |           |  |      |  |           |  |      |  |
| (Complete the following questions on a separate sheet(s) and number accordingly; see instructions)<br>FOR CLASSES I, II, III (and other classes) complete and submit on separate sheet(s) Attachments A - U (pp 2-6) as appropriate. Attach maps where required. List attachments by letter which are applicable and are included with your application: A, B, C, E, G, H, I, J, K, L, M, O, P, Q, R, S, T, U                                                                               |                                                                                                                                                                                                                   |                                  |                              |                                                                                    |  |                                                          |  |                                                                         |  |                            |                                                                                             |                                   |                        |           |  |      |  |           |  |      |  |
| XII. CERTIFICATION                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                   |                                  |                              |                                                                                    |  |                                                          |  |                                                                         |  |                            |                                                                                             |                                   |                        |           |  |      |  |           |  |      |  |
| I certify under the penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. (Ref. 40 CFR 144.32) |                                                                                                                                                                                                                   |                                  |                              |                                                                                    |  |                                                          |  |                                                                         |  |                            |                                                                                             |                                   |                        |           |  |      |  |           |  |      |  |
| A. Name and Title (Type or Print)                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                   |                                  |                              |                                                                                    |  |                                                          |  |                                                                         |  |                            |                                                                                             | B. Phone No. (Area Code and No)   |                        |           |  |      |  |           |  |      |  |
| <b>John T Conley</b><br><b>Red Wash Asset Team Leader</b>                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                   |                                  |                              |                                                                                    |  |                                                          |  |                                                                         |  |                            |                                                                                             | <b>(801) 781-4300</b>             |                        |           |  |      |  |           |  |      |  |
| C. Signature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                   |                                  |                              |                                                                                    |  |                                                          |  |                                                                         |  |                            |                                                                                             | D. Date Signed                    |                        |           |  |      |  |           |  |      |  |
|                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                   |                                  |                              |                                                                                    |  |                                                          |  |                                                                         |  |                            |                                                                                             | <b>AUG 21 1997</b><br><b>8-97</b> |                        |           |  |      |  |           |  |      |  |





**UNDERGROUND INJECTION CONTROL  
PERMIT APPLICATION  
CLASS II ENHANCED RECOVERY WELL**

**RWU #301  
NESE-S15-T7S-R23E**

**RED WASH UNIT  
UINTAH COUNTY, UTAH**

**A. AREA OF REVIEW METHOD:**

1. The Area of Review (AOR) is a fixed radius 0.25 mile from the well.

**B. MAPS OF WELLS/AREA AND AREA OF REVIEW:**

1. Attachment B is a topographic map showing the AOR for RWU #301.

**C. CORRECTIVE ACTION PLAN AND WELL DATA:**

1. RWU #301: Attachment C contains all pertinent information on the well. No corrective action is required.
2. The AOR contains no other wells.

**D. MAPS AND CROSS SECTIONS OF USDWs:**

1. Does not apply to Class II wells.

**E. NAME AND DEPTH OF USDWs (CLASS II):**

Depths to formation tops and geologic markers are as follows for wells in the AOR:

| <b>FORMATION<br/>OR MARKER</b> | <b>RWU #301</b> |
|--------------------------------|-----------------|
| Uinta Formation                | Surface         |
| Green River Formation          | 2993'           |
| Oil Shale Top                  | 3825'           |
| Oil Shale Base                 | 3880'           |
| Target Injection Interval      | 5042-5552'      |

## **RWU #301 (43-15B) UIC PERMIT APPLICATION**

1. There are no known USDW's or water wells in the AOR.
2. In the AOR, State of Utah Department of Natural Resources Technical Report #92 (USGS Open File Report 87-394), titled "BASE OF MODERATELY SALINE GROUND WATER IN THE UINTA BASIN, UTAH", it is indicated that any USDW's in the area of RWU #301 are approximately at sea level within the Green River Formation. The Green River Formation is classified by the EPA as an exempt aquifer in the AOR.
3. The target injection interval contains the following perforated intervals: 5090-94', 5097-5104', 5114-21', 5128-32', 5160-64', 5212-18', 5406-14', 5506-10' (cement squeezed) and 5540-46'. At virgin conditions, the injection interval was very near the irreducible water saturation and produced only minor amounts of formation water. Current water production from the Red Wash area is recycled injection water (9100 mg/l TDS, per 2/4/97 sample) which has broken through from offset injectors.

### **F. MAPS AND CROSS SECTIONS OF GEOLOGIC STRUCTURE OF AREA:**

1. Does not apply to Class II wells.

### **G. GEOLOGIC DATA ON INJECTION AND CONFINING ZONES (CLASS II):**

Lithologic descriptions apply to the following Injection and confining zones:

| <b>INTERVAL</b>                              | <b>RWU #301</b> |
|----------------------------------------------|-----------------|
| <b>Target Interval</b>                       |                 |
| Depths                                       | 5042-5552'      |
| Thickness                                    | 510'            |
| <b>Confining Zone</b>                        |                 |
| Depths                                       | 4998-5042'      |
| Thickness                                    | 44'             |
| <b>Confining Zone to<br/>Green River Top</b> |                 |
| Depths                                       | 2993-4998'      |
| Thickness                                    | 2005'           |

## **RWU #301 (43-15B) UIC PERMIT APPLICATION**

1. The target injection interval is sandstone interbedded with shales and tight carbonates.
2. The confining zone directly above the target injection interval is shale with interbedded tight mudstones and carbonates. Additional intervening strata between the top of the confining zone and the top of the Green River Formation consists of tightly interbedded shales, carbonate mudstones, siltstones, and sandy limestones to limy sandstones.
3. A fracture gradient of 0.78 psi/ft has been established for the Red Wash Unit. Based on a fracture gradient of 0.78 psi/ft, a 5090' depth to the top perforation and a fluid specific gravity of 1.0092, maximum surface injection pressure is 1745 psi.

### **H. OPERATING DATA:**

1. The daily water injection rate will vary with reservoir conditions and offset production rates, all of which change over time. Initial injection rates may approach 1000 BWPD while building reservoir pressure. A target rate of less than 500 BWPD is expected within six months, based on anticipated offset production.
2. Maximum injection pressure will initially approach fracture pressure in order to build reservoir pressure as quickly as possible. Average injection pressures approaching 1700-1800 psi are expected within six months.
3. Annulus fluid is produced water containing corrosion inhibitor to prevent corrosion of tubulars. A diesel freeze blanket will be circulated from surface to below frost level at completion to prevent freezing and possible equipment failure during winter months.
4. Does not apply to Class II wells.
5. Injected fluid consists of produced water from ongoing operations at the Red Wash Unit, in addition to fresh make-up water from Chevron operated water supply wells. Fluid streams from producing wells are gathered into central facilities. In the case of #301, produced water is transferred to the Red Wash Central Battery Water Injection Station, where it is mixed with fresh water from the water supply wells. Fresh make-up water is required for material balance reasons to replace oil and gas removed from the reservoir. The mixture is treated with scale and corrosion inhibitors, then sent through the main water injection pumps for high pressure distribution to injectors in the field.

## **RWU #301 (43-15B) UIC PERMIT APPLICATION**

6. Attachment H is a copy of a water analysis report submitted by Chevron to the EPA for 1997 annual reporting purposes. The fluid analyzed was water leaving the Red Wash Central Battery Water Injection Station for distribution and injection in a large portion of the Red Wash Unit. Since the proposed well will be connected to the Central Battery Injection Station system, Attachment H is representative of the injected fluid for the proposed well.
7. Does not apply to Class II wells.

### **I. FORMATION TESTING PROGRAM:**

1. A fracture gradient of 0.78 psi/ft has been established for the Red Wash Unit.
2. Static reservoir pressure will be obtained via bottom hole pressure bomb following completion of the well and before commencing injection.
3. No fluid sampling of the completed interval will be attempted.

### **J. STIMULATION PROGRAM:**

1. No stimulation is planned at present.

### **K. INJECTION PROCEDURES:**

1. With the exception of normal wellhead equipment, valves and monitoring equipment, no on-site equipment such as tanks and pumps will be involved. Water will be supplied to the well by an injection flowline connected with the existing distribution network.
2. Central injection facilities are designed and operated to provide continuous injection at rates and pressures consistent with operating, engineering and regulatory requirements. Uninterrupted operation is planned.

### **L. CONSTRUCTION PROCEDURES:**

1. Construction will start after permit and flowline right-of-way approval. Construction is expected to take approximately 4 days.

## **RWU #301 (43-15B) UIC PERMIT APPLICATION**

2. Attachment L details construction procedures. Chevron intends to install selective injection equipment (SIE) and an isolation packer assembly. The planned configuration will exclude uphole production perforations between 4566' and 4962' and will separate injection perforations between 5090' and 5540' to allow vertical control of injected volumes at some point in the future.
3. The proposed annulus fluid is produced water containing corrosion inhibitor to prevent corrosion of tubulars. A diesel freeze blanket will be circulated from surface to below frost level to prevent freezing and possible equipment failure during winter months. Following a successful mechanical integrity test, static reservoir pressure will be obtained. The well will commence injection following flowline installation and EPA authorization to inject.

### **M. CONSTRUCTION DETAILS:**

1. Attachment M shows proposed construction details of the well.

### **N. CHANGES IN INJECTED FLUID:**

1. Does not apply to Class II wells.

### **O. PLANS FOR WELL FAILURES:**

1. Upon discovery of a mechanical integrity failure, the well will be immediately shut-in and evaluated. If repairs and a return to injection cannot be justified, the well will be plugged and abandoned.

### **P. MONITORING PROGRAM:**

1. The well will be equipped for monitoring injection pressure, tubing/casing annulus pressure, instantaneous and cumulative injected volume, and to allow sampling of the injected fluid.
2. There will be weekly observations of rates and pressures, with values recorded monthly for reporting purposes.
3. Fluid sampling for central injection facilities serving injectors at the Red Wash Unit, including the proposed well, will be conducted on an annual basis.

## **RWU #301 (43-15B) UIC PERMIT APPLICATION**

### **Q. PLUGGING AND ABANDONMENT PLAN:**

1. Attachment Q contains EPA Form 7520-14, "Plugging and Abandonment Plan".
2. Attachment Q contains the plugging and abandonment procedure and schematic.
3. The proposed P&A plan is consistent with P&A procedures used by Chevron throughout the Gypsum Hills/Wonsits Valley and Red Wash areas.

### **R. NECESSARY RESOURCES:**

1. Financial responsibility for the abandonment of the proposed well is addressed under Chevron's Financial Assurance Statement for Class II operations on Indian Lands.

### **S. AQUIFER EXEMPTIONS:**

1. The Green River Formation is classified as an exempt aquifer by the EPA in the AOR.

### **T. EXISTING EPA PERMITS:**

1. Chevron holds numerous UIC permits for Class II wells in the United States. Attachment T contains listings of Class II wells operated from this office.

### **U. DESCRIPTION OF BUSINESS:**

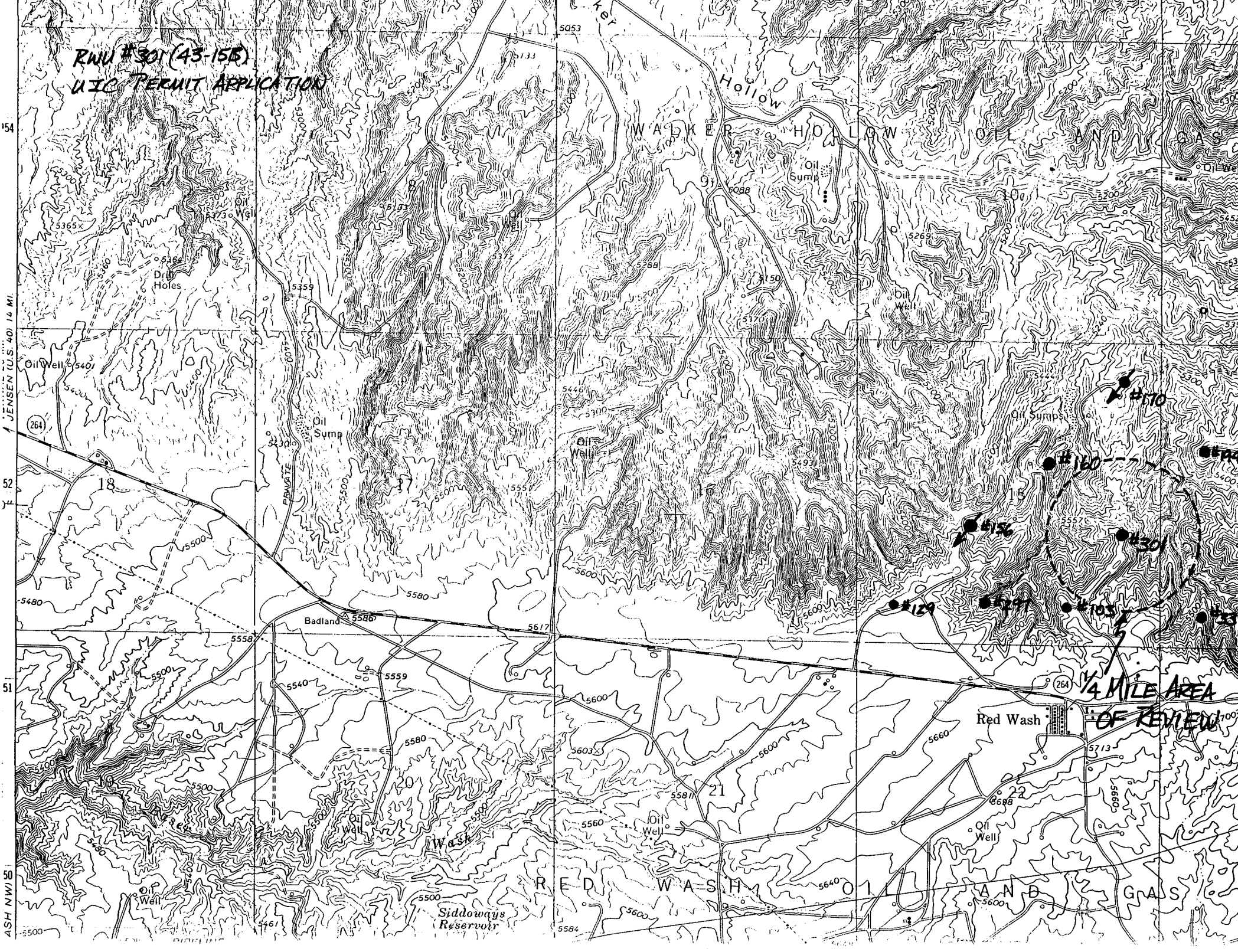
1. Chevron USA Production Co. is the domestic exploration and production company of Chevron Corporation, a major international oil company.

**RWU #301 (43-15B)**  
**Uintah County, Utah**

**UIC Permit Application**

**Attachment B**

RWU #301(43-155)  
UIC PERMIT APPLICATION





**RWU #301 (43-15B)**  
**Uintah County, Utah**

**UIC Permit Application**

**Attachment C**

**RED WASH UNIT #301 (43-15B)  
1900' FSL & 620' FEL  
NE/SE-SEC. 15-T7S-R23E  
UINTAH COUNTY, UTAH**

API#: 43-047-31682  
LEASE NUMBER: U-081  
KB ELEVATION: 5621'  
GL ELEVATION: 5604'  
TD: 5900'  
PBTD: 5075'

**CASING DETAIL:**

12-1/4" HOLE SIZE

9-5/8" 36# K-55 @ 490' W/540 SX. CLASS G CEMENT

8-3/4" HOLE SIZE

7" 23/26# K-55/N-80 @ 5900' W/800 SX. 65-35 POZMIX AND 400 SX.  
CLASS G. TOP JOB WITH 483 SX. CLASS G, CEMENT TO SURFACE

**TUBING DETAIL: SEE TOUR REPORTS - FLOWING GAS WELL**

**PERFORATION DETAIL:**

Open -

Excluded -

4922-27'

4958-62'

4566-76'

4597-4602'

4635-41' (SQZ.)

4673-82'

4791-4804'

5090-94'

5097-5104'

5114-21'

5128-32'

5160-64'

5212-18'

5406-14'

5506-10' (SQZ.)

5540-46'

5602-09' (SQZ.)

**RWU #301 (43-15B)**

**WELL HISTORY:**

4/86: At completion, drilled out to 5809' PBTD. Perforated and swab tested as follows:

5506-10', broke down, acidized with 500 gal. 15% HCl, swab tested with no fluid entry. Set CICR at 5455' and squeezed with 150 sx.

5212-18', broke down, swab tested with no fluid entry.

4597-4602', broke down, swab tested heavy oil, minimal fluid entry.

5406-14', broke down, swab tested 20% oil.

5128-32', broke down and swab tested 90% oil.

Fractured 5406-14' with 6700 gal. gel containing 12500# sand.

Perforated 5090-94', 5097-5104', 5114-21', then fractured interval 5090-5132' with 30000 gal. gel containing 45000# sand. Cleaned out to 5453' and equipped to pump.

9/87: Drilled out to 5810' and ran cased hole logs. Perforated 5540-46', 4566-76', 4597-4602'. Broke down and swab tested. Perforated 5602-09', acidized same with 500 gal. 15% HCl, and swab tested water. Set CICR at 5570' and squeezed with 100 sx. Reperforated 5540-46', 5406-14' and acidized with 250 gal. 15% HCl each. Fractured 4566-4602' with a total of 39000# sand. Cleaned out and RTP.

2/89: Perforated 5160-64', 4791-4804', 4673-82', 4635-41. Acidized 5160-64' with 500 gal. 15% HCl, had communication, so isolated 5090-5164' and swab tested 1% oil. Acidized 4791-4804' with 1000 gal. 15% HCl, swab tested gas cut water. Fractured 5090-5164' with 26840 gal. gel containing 28000# sand. Cleaned out, acidized 4673-82' with 750 gal. 15% HCl, swabbed 50% oil. Acidized 4635-41' with 500 gal. 15% HCl, swabbed slightly gas cut water. Isolated and squeezed 4635-41' with 100 sx. Drilled out to 5568'. Reperforated 4673-82', acidized same with 250 gal. 15% HCl, swabbed 3% oil. RTP.

2/92: Pulled rods and TA'd well.

5/94: Cleaned out to 5158', set CIBP at 5075', and set packer at 4825'. Perforated 4958-62', 4922-27'. Well kicked off flowing at ~180 MCFD.

# ACTUAL WELLBORE DIAGRAM

WELL: RWU #301 (43-15B)  
LOCATION: 1900' FSL, 620' FEL  
NESE-SEC.15-T7S-R23E  
UINTAH COUNTY, UTAH

KBE: 5621'  
GLE: 5604'  
TD: 5900'  
PBD: 5075'

LEASE: U-081  
API #: 43-047-31682  
EPA ID#:

## SURFACE HOLE & CASING:

HOLE SIZE: 12-1/4"  
CSG. TYPE & SIZE: 9 5/8", 36# K-55, ST&C  
SETTING DEPTH: 490'  
CEMENT: 540 SX. CLASS G  
CEMENT TOP: SURFACE

CEMENT TO SURFACE

## GEOLOGIC MARKERS:

| UINTA       | SURFACE    |
|-------------|------------|
| GREEN RIVER | 2993'      |
| OIL SHALE   | 3825-3880' |

## PERFORATIONS - GREEN RIVER FM.

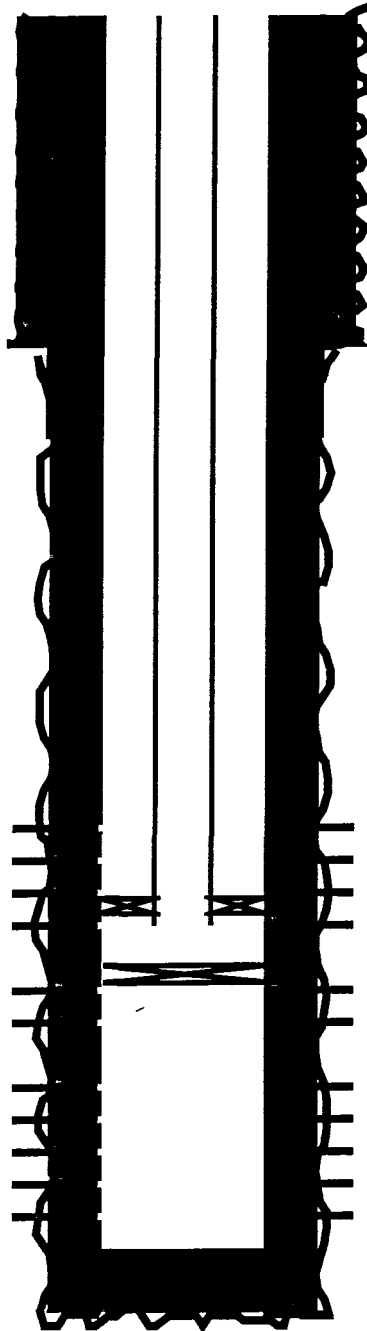
OPEN: 4922-27'  
4958-62'

EXCLUDED: 4566-76'  
4597-4602'  
4635-41'  
4673-82'  
4791-4804'  
5090-94'  
5097-5104'  
5114-21'  
5128-32'  
5160-64'  
5212-18'  
5406-14'  
5506-10'  
5540-46'  
5602-09'

2-7/8" TBG. WITH  
PACKER @ 4825'

CIBP @ 5075'

PBD: 5075'  
TD: 5900'



## PRODUCTION HOLE AND CASING:

HOLE SIZE: 8-3/4"  
CSG. TYPE & SIZE: 7" 23&26# K-55 & N-80  
SETTING DEPTH: 5900'  
CEMENT: 800 SX. 65-35 POZMIX LEAD,  
400 SX. CLASS G TAIL.  
TOP JOB WITH 483 SX. CLASS G  
CEMENT TOP: SURFACE

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

(See other instructions on reverse side)

Form approved.  
Budget Bureau No. 1004-0137  
Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.

U-081

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Red Wash

8. FARM OR LEASE NAME

9. WELL NO.

301 (43-15B)

10. FIELD AND POOL, OR WILDCAT

Red Wash

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA

Sec 15, T7S, R23E

12. COUNTY OR PARISH  
Uintah

13. STATE  
Utah

19. ELEV. CASINGHEAD

WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other ☐

b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other ☐

2. NAME OF OPERATOR

Chevron U.S.A. Inc.

3. ADDRESS OF OPERATOR

P. O. Box 599, Denver, CO

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*

At surface 1900' FSL 620' FEL (NE SE)

At top prod. interval reported below

Same

At total depth Same

14. PERMIT NO. 43-047-31682

DATE ISSUED 10/31/85

15. DATE SPUDDED 1/30/86

16. DATE T.D. REACHED 2/16/86

17. DATE COMPL. (Ready to prod.)

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\* 5604' GR

20. TOTAL DEPTH, MD & TVD 5900'

21. PLUG, BACK T.D., MD & TVD 5455'

22. IF MULTIPLE COMPL., HOW MANY\* --

23. INTERVALS DRILLED BY --

ROTARY TOOLS All

CABLE TOOLS --

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\*

Green River Fm (4597'-4602', 5090'-5414')

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

DIL-GR-SP, LDT-CNL-GR-CAL, EPT-ML-GR, MSFL-GR, DIELECTRIC-GR

27. WAS WELL CORED

Yes

28. CASING RECORD (Report all strings set in well)

| CASING SIZE | WEIGHT, LB./FT.     | DEPTH SET (MD) | HOLE SIZE | CEMENTING RECORD                    | AMOUNT PULLED |
|-------------|---------------------|----------------|-----------|-------------------------------------|---------------|
| 16          |                     | 67'            | 24        | Cemented to Surface                 | --            |
| 9-5/8       | 36#/K55             | 490'           | 12 1/2    | 250 sks 'G' + 290 CC to surface     | --            |
| 7           | 23#/26# K55/<br>N80 | 5900'          | 8-3/4     | 800 sks 65/35 litc & 400<br>sks 'G' | --            |

29. LINER RECORD

| SIZE | TOP (MD) | BOTTOM (MD) | SACKS CEMENT* | SCREEN (MD) | SIZE  | DEPTH SET (MD) | PACKER SET (MD) |
|------|----------|-------------|---------------|-------------|-------|----------------|-----------------|
|      |          |             |               |             | 2-7/8 | 5067'          |                 |

31. PERFORATION RECORD (Interval, size and number)

4597'-602' 4" gun 4 spf 90° phs  
5090'-094' "  
5097'-104' "  
5114'-121' "  
5128'-132' "

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

| DEPTH INTERVAL (MD) | AMOUNT AND KIND OF MATERIAL USED             |
|---------------------|----------------------------------------------|
| 5506'-010'          | 500 gal 15% HCl/sqz w/50 sk G cm             |
| 5406'-414'          | 6700 gal gel water frac & 12500#<br>20/40 sd |
| 5090'-5132'         | 30000 gal gel water frac & 4500#             |

33. PRODUCTION 20/40 sd

DATE FIRST PRODUCTION 4/11/86

PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)

Rod Pump 1-3/4 x 144" x 10 SPM

WELL STATUS (Producing or shut-in)  
Producing

DATE OF TEST 4/19/86

HOURS TESTED 24

CHOKE SIZE

PROD'N. FOR TEST PERIOD

OIL—BBL. 53

GAS—MCF. 23

WATER—BBL. 400

GAS-OIL RATIO 434

FLOW, TUBING PRESS. CASING PRESSURE 159

CALCULATED 24-HOUR RATE

OIL—BBL. 53

GAS—MCF. 23

WATER—BBL. 400

OIL GRAVITY-API (CORR.) 27

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

TEST WITNESSED BY

G. D. Eckerd

Sold

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

*G.D. Eckerd*

TITLE Associate Environmental Specialist

DATE April 28, 1986

\*(See Instructions and Spaces for Additional Data on Reverse Side)

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries):

38. GEOLOGIC MARKERS

| FORMATION                                                | TOP     | BOTTOM | DESCRIPTION, CONTENTS, ETC.                                                                                                                                              | NAME           | TOP         |                  |
|----------------------------------------------------------|---------|--------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|-------------|------------------|
|                                                          |         |        |                                                                                                                                                                          |                | MEAS. DEPTH | TRUE VERT. DEPTH |
| Uinta Fm                                                 | Surface | 2993'  | Interbedded white, fluvial sandstone and red flood plain shale and siltstone                                                                                             | Uinta Fm       | Surface     | Surface          |
| Green River Fm                                           | 2993'   | 5900'+ | Interbedded white, quartz-rich sandstone and olive grey shale; occasional interbedded ostracod grainstone and quartz conglomerate. (Base of Green River Fm not reached.) | Green River Fm | 2993'       | 2993'            |
| Numerous porous zones occur through the drilled section. |         |        |                                                                                                                                                                          |                |             |                  |
| No DST'S                                                 |         |        |                                                                                                                                                                          |                |             |                  |
| Core                                                     |         |        |                                                                                                                                                                          |                |             |                  |
| Green River Fm                                           |         |        |                                                                                                                                                                          |                |             |                  |
| Core #1                                                  | 5077'   | 5137'  |                                                                                                                                                                          |                |             |                  |
| Core #2                                                  | 5137'   | 5197'  | See above description                                                                                                                                                    |                |             |                  |
| Core #3                                                  | 5541'   | 5601'  |                                                                                                                                                                          |                |             |                  |
| Core #4                                                  | 5601'   | 5661'  |                                                                                                                                                                          |                |             |                  |
|                                                          |         |        | * 5212'-218' 4" gun 4 spf 90° phs                                                                                                                                        |                |             |                  |
|                                                          |         |        | 5406'-414' "                                                                                                                                                             |                |             |                  |
|                                                          |         |        | 5506'-510' "                                                                                                                                                             |                |             |                  |

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE  
(Other instructions on re-  
verse side)

Form approved.  
Budget Bureau No. 1004-0135  
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

|                                                                                                                                                                  |  |                                                                        |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|------------------------------------------------------------------------|
| 1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>                                                 |  | 7. UNIT AGREEMENT NAME<br>Red Wash Unit                                |
| 2. NAME OF OPERATOR<br>Chevron U.S.A. Inc.                                                                                                                       |  | 8. FARM OR LEASE NAME<br>Red Wash Unit                                 |
| 3. ADDRESS OF OPERATOR<br>P. O. Box 599 Denver, CO 80201                                                                                                         |  | 9. WELL NO.<br>#301 (43-15B)                                           |
| 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.<br>See also space 17 below.)<br>At surface<br><br>620' FEL 1900' FSL |  | 10. FIELD AND POOL, OR WILDCAT<br>Red Wash                             |
| 14. PERMIT NO.                                                                                                                                                   |  | 11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA<br>Sec. 15, T7S, R23E |
| 15. ELEVATIONS (Show whether DF, RT, GR, etc.)<br>5621' KB                                                                                                       |  | 12. COUNTY OR PARISH<br>Uintah                                         |
|                                                                                                                                                                  |  | 13. STATE<br>Utah                                                      |

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐  
FRACTURE TREAT ☐  
SHOOT OR ACIDIZE ☐  
REPAIR WELL ☐  
(Other) ☐

PCCL OR ALTER CASING ☐  
MULTIPLE COMPLETE ☐  
ABANDON\* ☐  
CHANGE PLANS ☐

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐  
FRACTURE TREATMENT ☒  
SHOOTING OR ACIDIZING ☒  
(Other) ☐

REPAIRING WELL ☐  
ALTERING CASING ☐  
ABANDONMENT\* ☐

Cased-hole logs

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) \*

RWU #301 was logged, perforated and stimulated as follows:

1. MI rig 9-1-87. N/D wellhead. N/U BOPE.
2. Pulled production equipment.
3. Drilled out CICR to 5455' and CO to PBTD at 5810'.
4. Logged well w/Dresser Carbon Oxygen Log 5800'-4500' and Schlumberger GST-GR 5810-4500'.
5. Perforated K<sub>B</sub> (5540-46) and F<sub>R</sub> (4566-4576) w/4 SPF.
6. Selectively broke down and swabbed K<sub>B</sub> (5540-46), F<sub>T</sub> (4597-4602), and F<sub>R</sub> (4566-4576).
7. Perforated K<sub>D</sub> (5602-5609), acidized K<sub>D</sub> (5602-09) with 500 gal 15% HCl, communicated to K<sub>B</sub> (5540-46).
8. Set CICR at 5570 and cement squeezed K<sub>D</sub> (5602-09) with 100 sx Class H.
9. CO to new PBTD at 5570'.
10. Reperforated K<sub>B</sub> and (5540-46) and J<sub>E</sub> (5406-14) at 4 SPF.
11. Acidized K<sub>B</sub> and J<sub>E</sub> with 250 gal 15% HCl each.
12. Fracture stimulated F<sub>R</sub> (4566-76) and F<sub>T</sub> (4597-4602) with 19,000# 20/40 and 10,000# 12/20 sand.
13. Cleaned out to PBTD at 5570'. Ran production equipment.
14. Released rig 9-20-87. Turned over to production.

3 - BLM  
3 - State  
2 - Partners

1 - EEM  
1 - MKD  
3 - Drlg

1 - PLM  
1 - Sec. 724 C  
1 - File

18. I hereby certify that the foregoing is true and correct

SIGNED

*J. L. Watson*

TITLE Office Assistant

DATE 9/30/87

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE  
(Other instruction  
verse side)

Budget Bureau No. 1004-0135  
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

|                                                                                                                                                                            |                                                                      |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------|
| 1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>                                                           | 7. UNIT AGREEMENT NAME<br>Red Wash Unit                              |
| 2. NAME OF OPERATOR<br>Chevron U.S.A. Inc., Room 13097                                                                                                                     | 8. FIRM OR LEASE NAME<br>Red Wash                                    |
| 3. ADDRESS OF OPERATOR<br>P. O. Box 599, Denver CO 80201                                                                                                                   | 9. WELL NO.<br>RWU #301 (43-15B)                                     |
| 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*<br>See also space 17 below.)<br>At surface<br>1,900' FSL<br>620' FEL (NE, SE) | 10. FIELD AND POOL, OR WILDCAT<br>Red Wash-Green River               |
| 14. PERMIT NO.<br>43-047-31682                                                                                                                                             | 11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA<br>Sec. 15-T7S-R23E |
| 15. ELEVATIONS (Show whether DF, RT, GR, etc.)<br>GL: 5,604' KB: 5,621'                                                                                                    | 12. COUNTY OR PARISH<br>Uintah                                       |
|                                                                                                                                                                            | 13. STATE<br>Utah                                                    |

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

|                                              |                                               |
|----------------------------------------------|-----------------------------------------------|
| TEST WATER SHUT-OFF <input type="checkbox"/> | PCCL OR ALTER CASING <input type="checkbox"/> |
| FRACTURE TREAT <input type="checkbox"/>      | MULTIPLE COMPLETION <input type="checkbox"/>  |
| SHOOT OR ACIDIZE <input type="checkbox"/>    | ABANDON* <input type="checkbox"/>             |
| REPAIR WELL <input type="checkbox"/>         | CHANGE PLANS <input type="checkbox"/>         |
| (Other) <input type="checkbox"/>             |                                               |

SUBSEQUENT REPORT OF:

|                                                           |                                          |
|-----------------------------------------------------------|------------------------------------------|
| WATER SHUT-OFF <input checked="" type="checkbox"/>        | REPAIRING WELL <input type="checkbox"/>  |
| FRACTURE TREATMENT <input checked="" type="checkbox"/>    | ALTERING CASING <input type="checkbox"/> |
| SHOOTING OR ACIDIZING <input checked="" type="checkbox"/> | ABANDONMENT* <input type="checkbox"/>    |
| (Other) <input type="checkbox"/>                          |                                          |

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting and proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

RWU #301 was recompleted as follows:

1. MIRU Gudac #1 2/2/89. Pull rods. N/D WH. N/U BOPE. POOH w/prod. tbq.
2. Cleaned out to PBTD w/bit & scraper (5,568').
3. Perforated I<sub>d</sub> (5,160'-64'), G<sub>q</sub>/G<sub>r</sub> (4,791'-4,804'), G<sub>g</sub>/G<sub>h</sub> (4,673'-82'), G<sub>b</sub>/G<sub>c</sub> (4,635'-41') @ 4 spf, 90° ph.
4. Selectively acidized: I<sub>d</sub> (500 gal 15% HCL), communicated to I<sub>c</sub> & I<sub>b</sub> perfs. Swabbed back load.  
Selectively acidized: G<sub>q</sub>/G<sub>r</sub> (1,000 gal); swabbed back load.
5. Pumped settle-pack frac on I<sub>d</sub>/I<sub>c</sub>/I<sub>b</sub> perfs (5,090'-5,164') w/28,180# 16/30 sand in 26,840 gallons gel fluid. Cleaned out sand after frac.
6. Acidized G<sub>g</sub>/G<sub>h</sub> (750 gal), G<sub>b</sub>/G<sub>c</sub> (500 gal). Swabbed back loads.
7. Cement squeezed G<sub>q</sub>/G<sub>r</sub> (4,791'-4,804') and G<sub>b</sub>/G<sub>c</sub> (4,635'-41') w/100 sx each to shut off water.
8. Cleaned out to PBTD w/bit & scraper.
9. Reperforated G<sub>g</sub>/G<sub>h</sub> and acidized with 250 gallons. Swabbed back load.
10. Ran production equipment. N/D BOPE. N/U WH.
11. Return to production 2-22-89.

|            |              |
|------------|--------------|
| 3-BLM      | 2-Dr1g       |
| 3-State    | 1-PLM        |
| 2-Partners | 1-Sec. 724-C |
| 1-EEM      | 1-Sec. 724-R |
| 1-MKD      | 1-File       |

18. I hereby certify that the foregoing is true and correct

SIGNED [Signature] TITLE Technical Assistant DATE 2-27-89  
(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FILE COPY

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir  
Use "APPLICATION FOR PERMIT--" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

Oil

Gas



Well



Well



Other

2. Name of Operator

CHEVRON U.S.A. PRODUCTION COMPANY

3. Address and Telephone No.

11002 EAST 17500 SOUTH, VERNAL, UT 84078-8526 (801) 781-4302

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1900' FSL. 620' FEL, SEC. 15, T7S/R23E

Lease Designation and Serial No.

U-081

6. If Indian, Allottee or Tribe Name

7. If Unit or C.A. Agreement Designation

RED WASH UNIT

8. Well Name and No.

RWU #301 (43-15B)

9. API Well No.

43-047-31682

10. Field and Pool, or Exploratory Area

RED WASH-GRN. RIVER

11. County or Parish, State

UINTAH, UTAH

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION



Notice of Intent



Subsequent Report



Final Abandonment Notice

TYPE OF ACTION



Abandonment



Recompletion



Plugging Back



Casing Repair



Altering Casing



Other



Change of Plans



New Construction



Non-Routine Fracturing



Water Shut-Off



Conversion to Injection



Dispose Water

(Note) Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work)

The following work was completed between 05/10/94 and 05/12/94:

1. MIRC.
2. RIH with bit and casing scraper to 5158'. Circulated well.
3. Set CIBP at 5075'. RIH with 7" Lok-set packer. Hydrotested in hole to 5500 PSI. Found one bad joint.
4. Set packer at 4825'. Tested tubing and blank to 1500 PSI; good. Swab tubing down to 4400'.
5. Perforated the following zones with 4 JSPF: 4958-4962', 4922-4927'.
6. Flow/swab tested well.
7. RDMO.

RECEIVED

MAY 25 1994

14. I hereby certify that the foregoing is true and correct

Signed

Title

Operations Assistant

Date

05/23/94

(This space for Federal or State office use)

Approved by:

NOTED

Title

Date

JUN 02 1994

Conditions of approval, if any

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**RWU #301 (43-15B)**  
**UIC PERMIT APPLICATION**

**CEMENT BOND LOG DISCUSSION:**

The primary cement job for RWU #301 was designed to fill the wellbore/casing annulus from TD to surface using a "Lite III" pozmix lead slurry and a standard Class G tail slurry. Unfortunately, circulation was lost during the job and a 483 sx. Class G top job was pumped down the 7" X 9-5/8" annulus, eventually pressuring out at 300 psi with cement at surface.

Although some sections of the bond log show very marginal bond quality, there is no single section which clearly indicates free pipe. The VDL indicates cement fill even in the section from surface to ~1140'. This is consistent with events during the top cementing job. If one assumes this section to be free pipe, however, the free pipe value would be ~40 mV. Excellent bond integrity exists throughout the Class G tail slurry section (~3775' to TD). Using a tail slurry baseline of ~99 mV, there are virtually no bond excursions below the 80% baseline value of ~87 mV except in the interval 4122-4340' and again at the transition to the lightweight lead slurry at ~3775' to ~3590'. A baseline pozmix value of 89 mV was used above 3590'. Values consistently fall below the 80% bond value of ~79 mV in the interval 3310-2843' and above ~1140'.

**RWU #301 (43-15B)**  
**Uintah County, Utah**

**UIC Permit Application**

**Attachment H**



# CORE LABORATORIES

Job Number: 974136

## LABORATORY TEST RESULTS

Date: 02/18/97

CUSTOMER: Chevron USA, Inc.

PROJECT: M6PR071493

ATTN: MIKE ALEXANDER

Customer Sample ID: CENTRAL BATTERY WATER INJECTION STATION  
Date Sampled.....: 02/04/97  
Time Sampled.....: 00:00  
Sample Matrix.....: Water

Laboratory Sample ID: 974136-1  
Date Received.....: 02/06/97  
Time Received.....: 14:45

| TEST METHOD  | PARAMETER/TEST DESCRIPTION                  | SAMPLE RESULT | REPORTING LIMIT | UNITS     | DATE     | TECH |
|--------------|---------------------------------------------|---------------|-----------------|-----------|----------|------|
| EPA 160.1    | Solids, Total Dissolved (TDS), Total        | 9100          | 10              | mg/L      | 02/07/97 | jal  |
| EPA 120.1    | Specific Conductivity @ 25 degrees C, Total | 14900         | 1               | umhos/cm  | 02/07/97 | jal  |
| ASTM 1429-86 | Specific Gravity, Total                     | 1.0092        | 0.0001          | 25 deg. C | 02/17/97 | adf  |
| EPA 150.1    | pH, Total                                   | 8.20          | 0.01            | pH Units  | 02/07/97 | jal  |

**RWU #301 (43-15B)**  
**Uintah County, Utah**

**UIC Permit Application**

**Attachment L**

**RWU #301 (43-15B)**

**CONVERSION TO INJECTION PROCEDURE:**

1. MIRU. KILL WELL. ND WH AND NU BOPE. RELEASE PACKER AND TOH.
2. DRILL OUT CIBP AT 5075' AND CLEAN OUT TO ~5650'.
3. PERFORATE 5506-10' AND 5464-5474' USING 4 JSPF, 90° PHASING, MAXIMUM AVAILABLE CHARGE VIA HSC. SET CIBP AT 5590' AND DUMP BAIL 5' OF CLASS H CEMENT ON TOP. DEPTHS ARE FROM SCHLUMBERGER NEUTRON-DENSITY LOG DATED 2/15/86.
4. TIH WITH TOOLS, ISOLATE, BREAKDOWN AND DETERMINE PUMP IN RATE FOR EACH PERFORATED INTERVAL BETWEEN THE DEPTHS OF 5090' AND 5546'.
5. HYDROTEST IN HOLE WITH SIE/ISOLATION PACKER ASSEMBLY SPACED OUT TO SET PACKERS AT ~4500', ~5050' AND ~5350', INJECTION MANDRELS AT ~5260' AND ~5570'.
6. CIRCULATE PACKER FLUID AND DIESEL FREEZE BLANKET. SET PACKERS, ND BOPE AND NU WH.
7. CONDUCT MIT PER EPA GUIDELINES (1000 PSI WITH LESS THAN 10% LOSS IN 30 MINUTES).
8. RDMO.
9. RU WIRELINE. PULL BLANKS FROM INJECTION MANDRELS AND INSTALL FULLY OPEN POCKET PROTECTORS. RUN PRESSURE BOMB TO ~5300' AND RECORD STATIC RESERVOIR PRESSURE.

**RWU #301 (43-15B)**  
**Uintah County, Utah**

**UIC Permit Application**

**Attachment M**

# PROPOSED WELLBORE DIAGRAM

WELL: RWU #301 (43-15B)  
LOCATION: 1900' FSL, 620' FEL  
NESE-SEC.15-T7S-R23E  
UINTAH COUNTY, UTAH

KBE: 5621'  
GLE: 5604'  
TD: 5900'  
PBD: 5585'

LEASE: U-081  
API #: 43-047-31682  
EPA ID#:

## SURFACE HOLE & CASING:

HOLE SIZE: 12-1/4"  
CSG. TYPE & SIZE: 9 5/8", 36# K-55, ST&C  
SETTING DEPTH: 490'  
CEMENT: 540 SX. CLASS G  
CEMENT TOP: SURFACE

CEMENT TO SURFACE

## GEOLOGIC MARKERS:

|             |            |
|-------------|------------|
| UINTA       | SURFACE    |
| GREEN RIVER | 2993'      |
| OIL SHALE   | 3825-3880' |

2-3/8" OR 2-7/8" J-55  
INTERNALLY COATED TBG.

SIE/ISOLATION PACKER  
ASSEMBLY WITH PACKERS  
@ 4500', 5050' & 5350',  
INJECTION MANDRELS  
@ 5260' & 5570'.

## PERFORATIONS - GREEN RIVER FM.

OPEN: 5090-94'  
5097-5104'  
5114-21'  
5128-32'  
5160-64'  
5212-18'  
5406-14'  
5464-74'  
5506-10'  
5540-46'

EXCLUDED: 4566-76'  
4597-4602'  
4635-41'  
4673-82'  
4791-4804'  
4922-27'  
4958-62'  
5602-09'

CIBP @ 5590' WITH 5'  
CLASS H ON TOP

PBD: 5585'  
TD: 5900'

## PRODUCTION HOLE AND CASING:

HOLE SIZE: 8-3/4"  
CSG. TYPE & SIZE: 7" 23&26# K-55 & N-80  
SETTING DEPTH: 5900'  
CEMENT: 800 SX. 65-35 POZMIX LEAD,  
400 SX. CLASS G TAIL.  
TOP JOB WITH 483 SX. CLASS G  
CEMENT TOP: SURFACE

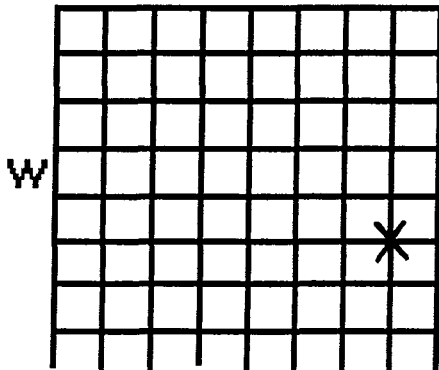
8/14/97



**RWU #301 (43-15B)**  
**Uintah County, Utah**

**UIC Permit Application**

**Attachment Q**

**EPA**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, DC 20460**PLUGGING AND ABANDONMENT PLAN**NAME AND ADDRESS OF FACILITY  
RED WASH UNIT #301 (43-15B)  
11002 EAST 17500 SOUTH  
VERNAL, UT 84078-8526NAME AND ADDRESS OF OWNER/OPERATOR  
CHEVRON USA PRODUCTION CO., INC.  
11002 EAST 17500 SOUTH  
VERNAL, UT 84078-8526LOCATE WELL AND OUTLINE UNIT ON  
SECTION PLAT -- 640 ACRES**N**STATE  
UTCOUNTY  
UINTAH

PERMIT NUMBER

SURFACE LOCATION DESCRIPTION

NE 1/4 OF SE 1/4 OF 1/4 SECTION 15 TOWNSHIP 7S RANGE 23E

LOCATE WELL IN TWO DIRECTIONS FROM NEAREST LINES OF QUARTER SECTION AND DRILLING UNIT

Surface  
Location 1900 ft. from (N/S) S Line of quarter section  
and 620 ft. from (E/W) E Line of quarter section

## TYPE OF AUTHORIZATION

- ☒ Individual Permit  
☐ Area Permit  
☐ Rule

Number of Wells 1

## WELL ACTIVITY

- ☐ CLASS 1  
☒ CLASS II  
☐ Brine Disposal  
☒ Enhanced Recovery  
☐ Hydrocarbon Storage  
☐ CLASS III

Lease Name RED WASH UNIT

Well Number 301 (43-15B)

## CASING AND TUBING RECORD AFTER PLUGGING

## ALL TUBING PULLED

| SIZE   | WT(LB/FT) | TO BE PUT IN WELL(FT) | TO BE LEFT IN WELL(FT) | HOLE SIZE |
|--------|-----------|-----------------------|------------------------|-----------|
| 9-5/8" | 36        | NA                    | 490                    | 12-1/4    |
| 7"     | 23 & 26   | NA                    | 5900                   | 8-3/4     |
|        |           |                       |                        |           |
|        |           |                       |                        |           |

## METHOD OF EMPLACEMENT OF CEMENT PLUGS

- ☒ The Balance Method  
☒ The Dump Bailer Method  
☐ The Two-Plug Method  
☐ Other

## CEMENTING TO PLUG AND ABANDON DATA:

|                                                            | PLUG #1 | PLUG #2 | PLUG #3 | PLUG #4 | PLUG #5 | PLUG #6 | PLUG #7 |
|------------------------------------------------------------|---------|---------|---------|---------|---------|---------|---------|
| Size of Hole or Pipe in which Plug Will Be Placed (inches) | 7       | 7       | 7       | 7       |         |         |         |
| Depth to Bottom of Tubing or Drill Pipe (ft.)              | 4550    | 3930    | 3050    | 490     |         |         |         |
| Sacks of Cement To Be Used (each plug)                     | 7.3     | 32.3    | 20.8    | 102     |         |         |         |
| Slurry Volume To Be Pumped (cu. ft.)                       | 7.7     | 34      | 22.1    | 108     |         |         |         |
| Calculated Top of Plug (ft.)                               | 4515    | 3775    | 2950    | 0       |         |         |         |
| Measured Top of Plug (if tagged ft.)                       |         |         |         |         |         |         |         |
| Slurry Wt. (Lb./Gal.)                                      | 16.4    | 16.4    | 16.4    | 16.4    |         |         |         |
| Type Cement or Other Material (Class III)                  | H       | H       | H       | H       |         |         |         |

## LIST ALL OPEN HOLE AND/OR PERFORATED INTERVALS AND INTERVALS WHERE CASING WILL BE VARIED (if any)

| From                             | To | From | To |
|----------------------------------|----|------|----|
| REFER TO ENCLOSED DOCUMENTATION. |    |      |    |
|                                  |    |      |    |
|                                  |    |      |    |
|                                  |    |      |    |

Estimated Cost to Plug Wells  
\$30,000**CERTIFICATION**

I certify under the penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. (Ref. 40 CFR 144.32)

NAME AND OFFICIAL TITLE (Please type or print)

J. T. CONLEY  
RED WASH ASSET TEAM LEADER

SIGNATURE

DATE SIGNED

8-14-97

**RWU #301 (43-15B)**  
**P&A PROCEDURE:**

MIRU. ND WH AND NU BOPE. PULL INJECTION EQUIPMENT FROM WELL.

CLEAN OUT TO PBTD WITH BIT AND SCRAPER.

**PLUG #1: TOP PERFORATION AT 4566'. SET CIBP AT 4550' AND CAP WITH 35' (7.3 SX.) OF CLASS H CEMENT. DISPLACE WELLBORE WITH 9.2 PPG BRINE.**

**PLUG #2: OIL SHALE INTERVAL AT 3825-3880'. SET BALANCED PLUG ACROSS INTERVAL 3775-3930' USING 32.3 SX. CEMENT.**

**PLUG #3: GREEN RIVER FORMATION TOP AT 2993'. SET BALANCED PLUG ACROSS INTERVAL 2950-3050' USING 21 SX. CLASS H CEMENT.**

**PLUG #4: SURFACE CASING SHOE AT 490'. SET BALANCED PLUG FROM 490' TO SURFACE USING 102 SX. CLASS H CEMENT.**

CUT OFF WELLHEAD AND INSTALL MARKER POST.

RDMO. REHAB PER BLM GUIDELINES.

9.2 PPG  
BRINE

9.2 PPG  
BRINE

9.2 PPG  
BRINE

**RWU #301 (43-15B)**  
**Uintah County, Utah**

**UIC Permit Application**

**Attachment T**

INJECTION WELL INVENTORY  
RED WASH UNIT  
UINTAH COUNTY, UTAH

| WELL           | LOCATION       | API #        | EPA<br>ID #  |
|----------------|----------------|--------------|--------------|
| #100A (43-21A) | NESE-21-7S-22E | 43-047-15219 | UT02463      |
| #102 (41-24A)  | SENE-24-7S-22E | 43-047-15221 | UT02406      |
| #11 (34-27B)   | SWSE-27-7S-23E | 43-047-15142 | UT02395      |
| #14 (14-13B)   | SWSW-13-7S-23E | 43-047-15144 | UT02396      |
| #148 (13-22B)  | NWSW-22-7S-23E | 43-047-15261 | UT02407      |
| #156 (23-15B)  | NESW-15-7S-23E | 43-047-15267 | UT02409      |
| #173 (21-21B)  | NENW-21-7S-23E | 43-047-16496 | UT02439      |
| #174 (21-20B)  | NENW-20-7S-23E | 43-047-15281 | UT02411      |
| #182 (14-21B)  | SWSW-21-7S-23E | 43-047-16497 | UT02440      |
| #183 (33-13B)  | NWSE-13-7S-23E | 43-047-15289 | UT02412      |
| #185 (41-14B)  | NENE-14-7S-23E | 43-047-16498 | UT02441      |
| #199 (43-22A)  | NESE-22-7S-22E | 43-047-15301 | UT02414      |
| #2 (14-24B)    | SWSW-24-7S-23E | 43-047-16472 | UT02416      |
| #213 (41-33B)  | NENE-33-7S-23E | 43-047-20060 | UT02444      |
| #216 (21-27A)  | NENW-27-7S-22E | 43-047-30103 | UT02446      |
| #23 (21-23B)   | NENW-23-7S-23E | 43-047-15151 | UT02397      |
| #264 (31-35B)  | NWNE-35-7S-23E | 43-047-30519 | UT02449      |
| #275 (31-26B)  | NWNE-26-7S-23E | 43-047-31077 | UT02455      |
| #279 (11-36B)  | NWNW-36-7S-23E | 43-047-31052 | UT02453      |
| #34 (23-14B)   | NWSW-14-7S-23E | 43-047-15161 | UT02398      |
| #56 (41-28B)   | NENE-28-7S-23E | 43-047-15182 | UT02400      |
| #59 (12-24B)   | SWNW-24-7S-23E | 43-047-16477 | UT02421      |
| #6 (41-21B)    | NENE-21-7S-23E | 43-047-16482 | UT02426      |
| #7 (41-27B)    | NENE-27-7S-23E | 43-047-15205 | UT02417      |
| #88 (23-18B)   | NESW-18-7S-23E | 43-047-15210 | UT02404      |
| #91 (33-22B)   | NWSE-22-7S-23E | 43-047-16479 | UT02423      |
| #93 (43-27B)   | NESE-27-7S-23E | 43-047-16480 | UT02424      |
| #271 (42-35B)  | SENE-35-7S-23E | 43-047-31081 | UT02458      |
| #61 (12-27A)   | SWNW-27-7S-22E | 43-047-16478 | UT02422      |
| #134 (14-28B)  | SWSW-28-7S-23E | 43-047-16489 | UT02433      |
| #139 (43-29B)  | NESE-29-7S-23E | 43-047-16490 | UT02434      |
| #150 (31-22B)  | NWNE-22-7S-23E | 43-047-15263 | UT02408      |
| #16 (43-28B)   | NESE-28-7S-23E | 43-047-16475 | UT02419      |
| #161 (14-20B)  | SWSW-20-7S-23E | 43-047-15271 | UT02410      |
| #170 (41-15B)  | NENE-15-7S-23E | 43-047-16495 | UT02438      |
| #202 (21-34A)  | NENW-34-7S-22E | 43-047-15303 | UT02415      |
| #215 (43-28A)  | NESE-28-7S-22E | 43-047-30058 | UT02445      |
| #25 (23-23B)   | NESW-23-7S-23E | 43-047-16476 | UT02420      |
| #263 (24-26B)  | SESW-26-7S-23E | 43-047-30518 | UT02448      |
| #265 (44-26B)  | SESE-26-7S-23E | 43-047-30520 | UT02450      |
| #266 (33-26B)  | NWSE-26-7S-23E | 43-047-30521 | UT02451      |
| #269 (13-26B)  | NWSW-26-7S-23E | 43-047-30522 | UT02452      |
| #48 (32-19B)   | SWNE-19-7S-23E | 43-047-15174 | UT02399      |
| #60 (43-30B)   | NESE-30-7S-23E | 43-047-15184 | UT02401      |
| #68 (41-13B)   | NENE-13-7S-23E | 43-047-16485 | UT02429      |
| #97 (23-18C)   | NESW-18-7S-24E | 43-047-15216 | UT02405      |
| #17 (41-20B)   | NENE-17-7S-23E | 43-047-15146 | UT2810-04346 |
| #258 (34-22A)  | SWSE-22-7S-22E | 43-047-30458 | UT2812-04348 |
| #52 (14-18B)   | SWSW-18-7S-23E | 43-047-15178 | UT2811-04347 |

**WONSITS VALLEY FEDERAL UNIT  
UINTAH COUNTY, UTAH**

**INJECTION WELL INVENTORY  
DECEMBER 31, 1996**

| WELL       | LOCATION       | API#         | EPA ID#      |
|------------|----------------|--------------|--------------|
| SC #12-23  | NESE-23-8S-21E | 43-047-20203 | UT02367      |
| WVFU #120  | NENW-22-8S-21E | 43-047-32462 | UT2770-04264 |
| WVFU #126  | NWNE-21-8S-21E | 43-047-30796 | UT02509      |
| WVFU #140  | NWNW-15-8S-21E | 43-047-31707 | UT03508      |
| WVFU #143  | NWSE-10-8S-21E | 43-047-31808 | UT03509      |
| WVFU #16   | NENE-15-8S-21E | 43-047-15447 | UT02469      |
| WVFU #21   | NENE-16-8S-21E | 43-047-15452 | UT02471      |
| WVFU #28-2 | NESW-11-8S-21E | 43-047-31524 | UT02510      |
| WVFU #31   | NENW-14-8S-21E | 43-047-15460 | UT02394      |
| WVFU #36   | NESW-10-8S-21E | 43-047-15464 | UT02479      |
| WVFU #40-2 | NESE-10-8S-21E | 43-047-31798 | UT02511      |
| WVFU #41   | NENW-15-8S-21E | 43-047-15496 | UT02483      |
| WVFU #59   | SWNW-14-8S-21E | 43-047-20018 | UT03505      |
| WVFU #60   | SWSE-15-8S-21E | 43-047-20019 | UT03506      |
| WVFU #67   | NESW-15-8S-21E | 43-047-20043 | UT02497      |
| WVFU #68   | NESE-15-8S-21E | 43-047-20047 | UT02498      |
| WVFU #71-2 | SWSW-15-8S-21E | 43-047-32449 | UT2712-03777 |
| WVFU #72   | SWSW-16-8S-21E | 43-047-20058 | UT02501      |
| WVFU #73   | NESE-16-8S-21E | 43-047-20066 | UT02502      |
| WVFU #78   | NESW-16-8S-21E | 43-047-20115 | UT02504      |
| WVFU #9    | NESE-12-8S-21E | 43-047-15440 | UT02466      |
| WVFU #50   | SWNE-15-8S-21E | 43-047-15477 | UT03504      |
| WVFU #52   | NENE-13-8S-21E | 43-047-15479 | UT02460      |
| WVFU #61   | NENW-18-8S-22E | 43-047-20023 | UT02495      |
| WVFU #66   | SWSE-14-8S-21E | 43-047-20042 | UT03098      |
| WVFU #35   | NESW-14-8S-21E | 43-047-15463 | UT2813-04351 |
| WVFU #97   | NWSW-11-8S-21E | 43-047-30014 | UT2814-04350 |

**GYPSUM HILLS UNIT  
UINTAH COUNTY, UTAH**

**INJECTION WELL INVENTORY  
DECEMBER 31, 1996**

| WELL                | LOCATION       | API #        | EPA<br>ID #  |
|---------------------|----------------|--------------|--------------|
| COSTAS FED #1-20-4B | NESW-20-8S-21E | 43-047-31006 | UT2726-03792 |
| COSTAS FED #2-20-3B | NESE-20-8S-21E | 43-047-31066 | UT03722      |
| COSTAS FED #3-21-1D | SWNW-21-8S-21E | 43-047-31604 | UT02714      |
| GHU #10             | NWSE-21-8S-20E | 43-047-32306 | UT03721      |
| GHU #12             | NESE-19-8S-21E | 43-047-32458 | UT2727-03794 |
| GHU #15             | SWSW-20-8S-21E | 43-047-32648 | UT2804-04336 |
| GHU #17             | SWSE-20-8S-21E | 43-047-32649 | UT2805-04337 |
| GHU #3              | NENE-20-8S-21E | 43-047-20002 | UT2759-04241 |
| GHU #6              | NENW-20-8S-21E | 43-047-30099 | UT2760-04242 |
| GHU #8-I            | SWNE-20-8S-21E | 43-047-31932 | UT02715      |



**INJECTION WELL INVENTORY  
BRENNAN BOTTOM UNIT  
UINTAH COUNTY, UTAH**

| <b>WELL</b>            | <b>LOCATION</b>       | <b>API #</b>        | <b>EPA<br/>ID #</b> |
|------------------------|-----------------------|---------------------|---------------------|
| <b>BRENNAN FED #5</b>  | <b>SENW-18-7S-21E</b> | <b>43-047-15420</b> | <b>UT2807-04341</b> |
| <b>BRENNAN FED #11</b> | <b>SESW-18-7S-21E</b> | <b>43-047-32772</b> | <b>UT2807-04342</b> |

BEFORE THE DIVISION OF OIL, GAS AND MINING  
DEPARTMENT OF NATURAL RESOURCES  
STATE OF UTAH

---ooOoo---

|                                 |   |                   |
|---------------------------------|---|-------------------|
| IN THE MATTER OF THE            | : | NOTICE OF AGENCY  |
| APPLICATION OF CHEVRON U.S.A.   | : | ACTION            |
| PRODUCTION COMPANY, INC. FOR    | : |                   |
| ADMINISTRATIVE APPROVAL OF      | : | CAUSE NO. UIC-198 |
| THE RED WASH UNIT 301, 261, 268 | : |                   |
| AND 283 WELLS LOCATED IN        | : |                   |
| SECTIONS 15, 17 AND 18,         | : |                   |
| TOWNSHIP 7 SOUTH, RANGE 23      | : |                   |
| EAST, S.L.M., UINTAH COUNTY,    | : |                   |
| UTAH, AS CLASS II INJECTION     | : |                   |
| WELLS                           | : |                   |

---ooOoo---

THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER.

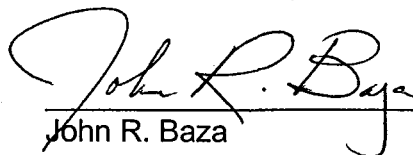
Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of Chevron U.S.A. Production Company, Inc. for administrative approval of the Red Wash Unit 301, 261, 268 and 283 wells, located in Sections 15, 17 and 18, Township 7 South, Range 23 East, S.L.M., Uintah County, Utah, for conversion to Class II injection wells. The proceeding will be conducted in accordance with Utah Admin. R.649-10, Administrative Procedures.

The interval from 5042 feet to 5810 feet (Green River Formation) will be selectively perforated for water injection. The maximum injection pressure will be established for each well based on fracture gradient information submitted by the operator.

Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. If such a protest or notice of intervention is received, a hearing will be scheduled before the Board of Oil, Gas and Mining. Protestants and/or intervenors should be prepared to demonstrate at the hearing how this matter affects their interests.

Dated this 6th day of November 1997.

STATE OF UTAH  
DIVISION OF OIL, GAS & MINING

  
\_\_\_\_\_  
John R. Baza  
Associate Director



State of Utah  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt  
Governor

Ted Stewart  
Executive Director

James W. Carter  
Division Director

1594 West North Temple, Suite 1210

Box 145801

Salt Lake City, Utah 84114-5801

801-538-5340

801-359-3940 (Fax)

801-538-7223 (TDD)

November 6, 1997

Newspaper Agency Corporation  
Legal Advertising  
PO Box 45838  
Salt Lake City, Utah 84145

Re: Notice of Agency Action - Cause No. UIC-198

Gentlemen:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please send proof of publication and billing to the Division of Oil, Gas and Mining, 1594 West North Temple, Suite 1210, P.O. Box 145801, Salt Lake City, Utah 84114-5801.

Sincerely,

Lorraine Platt  
Secretary

Enclosure



State of Utah  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt  
Governor

Ted Stewart  
Executive Director

James W. Carter  
Division Director

1594 West North Temple, Suite 1210

Box 145801

Salt Lake City, Utah 84114-5801

801-538-5340

801-359-3940 (Fax)

801-538-7223 (TDD)

November 6, 1997

Vernal Express  
P.O. Box 1000  
54 North Vernal Avenue  
Vernal, Utah 84078-1000

Re: Notice of Agency Action - Cause No. UIC-198

Gentlemen:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please send proof of publication and billing to the Division of Oil, Gas and Mining, 1594 West North Temple, Suite 1210, P.O. Box 145801, Salt Lake City, Utah 84114-5801.

Sincerely,

Lorraine Platt  
Secretary

Enclosure

**Chevron U.S.A. Production Company, Inc.  
Red Wash Unit 301, 261, 268 and 283 Wells  
Cause No. UIC-198**

Publication Notices were sent to the following:

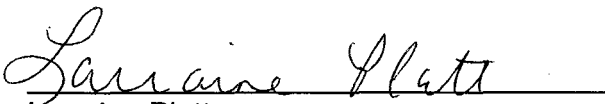
Chevron U.S.A. Production Company, Inc.  
John Connely  
11002 East 17500 South  
Vernal, Utah 84078

Newspaper Agency Corporation  
Legal Advertising  
PO Box 45838  
Salt Lake City, Utah 84145

Vernal Express  
P.O. Box 1000  
54 North Vernal Avenue  
Vernal, Utah 84078

Vernal District Office  
Bureau of Land Management  
170 South 500 East  
Vernal, Utah 84078

U.S. Environmental Protection Agency  
Region VIII  
Attn. Dan Jackson  
999 18th Street  
Denver, Colorado 80202-2466

  
Larraine Platt  
Secretary  
November 6, 1997

DIVISION OF OIL, GAS AND MINING  
UNDERGROUND INJECTION CONTROL PROGRAM

**PERMIT  
STATEMENT OF BASIS**

**Applicant:** Chevron USA

**Well:** RWU 301

**Location:** 15/7S/23E

**API:** 43-013-31682

**Ownership Issues:** The proposed well is located on BLM land. All lands in the one-half mile radius of the well are owned by the BLM. Leases in the one-half mile radius are held by various individuals and companies.

**Well Integrity:** The proposed well for conversion has a 9 5/8 inch surface casing set at 490 feet and is cemented to surface. A 7 inch production casing is set at 5900 feet and has a reported cement top at the surface. A cement bond log verifies adequate bond well above the injection zone. During cement operations, circulation was lost, so cement was pumped from the top. The bond log shows good cement from TD to 3775 feet. There are virtually no bond excursions below the 80% baseline value of ~86mV except in the interval from 4122-4340 feet. A 2 7/8 inch tubing with a 3-packer mandrel SIE assembly spaced out to set packers at ~ 4500 feet, ~5050 feet and ~ 5350 feet will be set. Injection mandrels will be at 5260 feet and 5570 feet. A mechanical integrity test will be run on the well prior to injection. There are 5 producing wells and 2 injectors in the area of review. The existing wells have adequate casing and cement. No corrective action will be required on the proposed injector or the existing wells.

**Ground Water Protection:** The base of moderately saline water is at a depth of approximately sea level in the Green River Formation. The Green River Formation has been exempted as a USDW. Injection shall be limited to the interval between 5042 feet and 5552 feet in the Green River Formation. The confining interval above the injection zone consists of tight, moderately calcareous sandy lacustrine shale from 4998 feet to the top of the injection zone at 5042 feet. A water analysis submitted by Chevron from the Red Wash injection station indicates that the water to be injected into the formation is approximately 9100 ppm total dissolved solids. The injection zone does not contain any water and is not considered a USDW. Information submitted by Chevron indicates that the fracture gradient for the injection zone in the Red wash field has been established at .78 psi/ft. The resulting fracture pressure at the proposed uppermost perforation at 5090 feet is 1745 psig. The requested maximum pressure was 1745 psi. Injection at this pressure should not initiate any new fractures or propagate existing fractures in the adjacent

confining intervals. Any ground water present should be adequately protected.

Red Wash 301  
page 2

**Oil/Gas& Other Mineral Resources Protection:** This well is located in the existing Red Wash Unit Area. Correlative rights issues and other interests Have been addressed at the time the unit was approved by the Board of Oil, Gas and Mining. In review of the information submitted to the Board it appears that the expansion will increase ultimate recovery and will protect the interests of all owners.

**Bonding:** The well is located on Federal land and proper bonds are held by the BLM.

**Actions Taken and Further Approvals Needed:** A notice of agency action will be sent to the Salt Lake Tribune and the Vernal Express (UIC-). This notice addresses the request to convert this well along with three other proposed wells in the Red Wash Unit. It is recommended that approval be granted to convert the wells to injection predicated on information submitted in the application. Approval should be granted in accordance with information submitted by Chevron in their application for conversion. A casing pressure test should be conducted at the time of conversion and a casing/tubing pressure test should be conducted prior to injection. Additionally a request will be made to Chevron to submit a proper UIC form 1.

Note: Applicable technical publications concerning water resources in the general vicinity of this project have been reviewed and taken into consideration during the permit review process.

Reviewer(s): D.Jarvis Date: 10/1/97



State of Utah  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt  
Governor

Ted Stewart  
Executive Director

James W. Carter  
Division Director

1594 West North Temple, Suite 1210

Box 145801

Salt Lake City, Utah 84114-5801

801-538-5340

801-359-3940 (Fax)

801-538-7223 (TDD)

November 6, 1997

Mr. J. T. Connely  
Chevron U.S.A. Production Company, Inc.  
11002 East 17500 South  
Vernal, Utah 84078-8526

Re: Red Wash Unit 301, 261, 268 and 283 Wells.

Dear John:

Enclosed please find a copy of the public notice for the above referenced wells. The applications have been reviewed and are technically complete. Administrative approval may be granted to convert these wells to injection wells after a 15 day notice period.

Please fill out a complete UIC Form 1 for each well to complete the application.

If you have any questions please call me at 801-538-5338.

Sincerely,

Dan Jarvis  
UIC Geologist

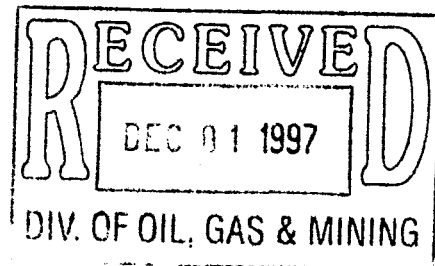
Enclosure

lwp

365734455

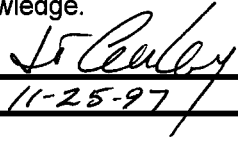


STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING



**APPLICATION FOR INJECTION WELL - UIC FORM 1**

OPERATOR: **CHEVRON USA PRODUCTION CO., INC.**  
ADDRESS: **11002 EAST 17500 SOUTH**  
**VERNAL, UT 84078-8526**  
**(801) 781-4300**

|                                                                                                                                                                                            |                                               |                                                                  |                                                                                       |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------|------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| WELL NAME AND NUMBER:                                                                                                                                                                      |                                               | <b>RED WASH UNIT #301 (43-15B)</b>                               |                                                                                       |
| FIELD OR UNIT NAME:                                                                                                                                                                        |                                               | <b>RED WASH UNIT</b>                                             |                                                                                       |
| WELL LOCATION:                                                                                                                                                                             |                                               | <b>NESE-SEC. 15-T7S-R23E, SLBM</b>                               |                                                                                       |
| Is this application for expansion of an existing project?                                                                                                                                  |                                               | <input checked="" type="checkbox"/> Yes                          | <input type="checkbox"/> No                                                           |
| Will the proposed well be used for:                                                                                                                                                        | Enhanced Recovery?                            | <input checked="" type="checkbox"/> Yes                          | <input type="checkbox"/> No                                                           |
|                                                                                                                                                                                            | Disposal?                                     | <input type="checkbox"/> Yes                                     | <input checked="" type="checkbox"/> No                                                |
|                                                                                                                                                                                            | Storage?                                      | <input type="checkbox"/> Yes                                     | <input checked="" type="checkbox"/> No                                                |
| Is this application for a new well to be drilled?                                                                                                                                          |                                               | <input type="checkbox"/> Yes                                     | <input checked="" type="checkbox"/> No                                                |
| If this application is for an existing well,                                                                                                                                               |                                               |                                                                  |                                                                                       |
|                                                                                                                                                                                            | has a casing test been performed on the well? | <input type="checkbox"/> Yes                                     | <input checked="" type="checkbox"/> No                                                |
|                                                                                                                                                                                            | Date of test:                                 | <b>Other than routine workover tests, none</b>                   |                                                                                       |
|                                                                                                                                                                                            | API Number:                                   | <b>43-047-31682</b>                                              |                                                                                       |
| Proposed Injection Interval:                                                                                                                                                               |                                               | from <b>5042'</b> to <b>5552'</b>                                |                                                                                       |
| Proposed maximum injection:                                                                                                                                                                |                                               | Rate <b>N/A</b>                                                  | Pressure <b>1745</b> psig                                                             |
| Proposed injection zone contains <input checked="" type="checkbox"/> oil, <input checked="" type="checkbox"/> gas and/or <input type="checkbox"/> fresh water within 1/2 mile of the well. |                                               |                                                                  |                                                                                       |
| <div style="border: 1px solid black; padding: 5px;">IMPORTANT: Additional information as required by R649-5-2 should accompany this form.</div>                                            |                                               |                                                                  |                                                                                       |
| List of Attachments:                                                                                                                                                                       |                                               | <b>Copy of EPA UIC application package previously submitted.</b> |                                                                                       |
| I certify that this report is true and complete to the best of my knowledge.                                                                                                               |                                               |                                                                  |                                                                                       |
| Name:                                                                                                                                                                                      | <b>J. T. Conley</b>                           | Signature                                                        |  |
| Title:                                                                                                                                                                                     | <b>Red Wash Asset Team Leader</b>             | Date                                                             | <b>11-25-97</b>                                                                       |
| Phone No.                                                                                                                                                                                  | <b>(801)781-4301</b>                          |                                                                  |                                                                                       |
| (State use only)                                                                                                                                                                           |                                               |                                                                  |                                                                                       |
| Application approved by                                                                                                                                                                    |                                               | Title                                                            |                                                                                       |
| Approval Date                                                                                                                                                                              |                                               |                                                                  |                                                                                       |

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir  
Use "APPLICATION FOR PERMIT--" for such proposals

***SUBMIT IN TRIPLICATE***

1. Type of Well

Oil Gas  
☒ Well ☐ Well ☐ Other

2. Name of Operator

CHEVRON U.S.A. PRODUCTION COMPANY

3. Address and Telephone No

11002 E. 17500 S. VERNAL, UT 84078-8526

(801) 781-4300

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1900' FSL & 620' FEL (NE SE) SECTION 15, T7S, R23E, SLBM

5. Lease Designation and Serial No.

U-081

6. If Indian, Allottee or Tribe Name

N/A

7. If Unit or CA, Agreement Designation

RED WASH UNIT

8. Well Name and No.

RED WASH UNIT 301 43-15B

9. API Well No.

43-047-31682

10. Field and Pool, or Exploratory Area

RED WASH - GREEN RIVER

11. County or Parish, State

UINTAH, UTAH

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☒ Notice of Intent  
☐ Subsequent Report  
☐ Final Abandonment Notice

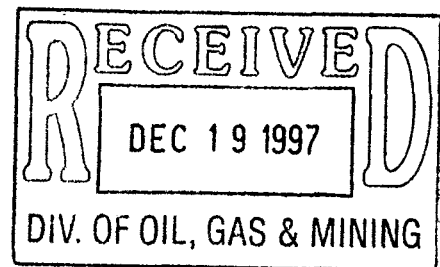
TYPE OF ACTION

☐ Abandonment ☐ Change of Plans  
☐ Recompletion ☐ New Construction  
☐ Plugging Back ☐ Non-Routine Fracturing  
☐ Casing Repair ☐ Water Shut-Off  
☐ Altering Casing ☐ Conversion to Injection  
☒ Other TA STATUS OF WELL ☐ Dispose Water

(Note) Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work)

CHEVRON IS REQUESTING A TA STATUS ON THE ABOVE WELL. THIS WELL WILL BE CONVERTED TO INJECTION IN 1998.



14. I hereby certify that the foregoing is true and correct.

Signed DC Tanner

Title COMPUTER SYSTEMS OPERATOR

Date 12/9/97

(This space for Federal or State office use)

Approved by: \_\_\_\_\_

Title \_\_\_\_\_

Date \_\_\_\_\_

Conditions of approval, if any \_\_\_\_\_

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*See instruction on Reverse Side



State of Utah  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt  
Governor

Ted Stewart  
Executive Director

James W. Carter  
Division Director

1594 West North Temple, Suite 1210  
Box 145801  
Salt Lake City, Utah 84114-5801  
801-538-5340  
801-359-3940 (Fax)  
801-538-7223 (TDD)

December 23,, 1997

Chevron USA, Inc.  
11002 East 17500 South  
Vernal, Utah 84078-8526

Re: Red Wash Unit 261 and 301 wells, Sections 15 and 17, Township 7 South, Range 23  
East, Uintah County, Utah

Gentlemen:

Pursuant to Utah Admin. Code R649-5-3-3, the Division of Oil, Gas and Mining (the "Division") issues its administrative approval for conversion of the referenced wells to Class II injection wells. Accordingly, the following stipulations shall apply for full compliance with this approval:

1. Compliance with all applicable requirements for the operation, maintenance and reporting for Underground Injection Control ("UIC") Class II injection wells pursuant to Utah Admin. Code R649-1 et seq.
2. Conformance with all conditions and requirements of the complete application submitted by Chevron USA, Inc.
3. Conduct a pressure test for mechanical integrity prior to injection.

If you have any questions regarding this approval or the necessary requirements, please contact Dan Jarvis at this office.

Sincerely,

John R. Baza  
Associate Director, Oil and Gas

cc: Dan Jackson, Environmental Protection Agency  
Bureau of Land Management, Vernal



State of Utah  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt  
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1594 West North Temple, Suite 1210  
Box 145801  
Salt Lake City, Utah 84114-5801  
801-538-5340  
801-359-3940 (Fax)  
801-538-7223 (TDD)

UNDERGROUND INJECTION CONTROL PERMIT

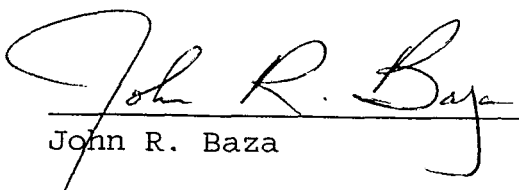
Cause No. UIC-198

Operator: Chevron USA, INC.  
Wells: Red Wash Unit 301 and 261  
Location: Sections 15 and 17, Township 8 South, Range 23  
East, County: Uintah  
API No.: 43-047-31682 and 43-047-32739  
Well Type: Enhanced Recovery (waterflood)

Stipulations of Permit Approval

1. Approval for conversion to Injection Well issued on December 23, 1997
2. Maximum Allowable Injection Pressure: 1745 psig for the 301 well and 1939 psig for the 261 well
3. Maximum Allowable Injection Rate: (restricted by pressure limitation)
4. Injection Interval: 5042 feet to 5804 feet (Green River Formation)

Approved by:

  
John R. Baza

12/23/97  
Date

MARCH 11, 1998

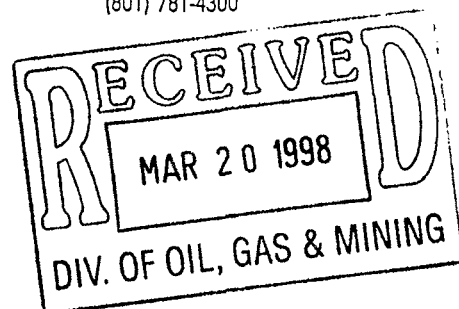


**Chevron**

**MINOR PERMIT MODIFICATION REQUESTS  
FRACTURE GRADIENT ASSIGNMENT  
RED WASH UNIT**

Chevron U.S.A. Production Co.  
Rocky Mountain Profit Center  
11002 East 17500 South  
Vernal, UT 84078-8526  
(801) 781-4300

**MR. CHUCK WILLIAMS  
UIC IMPLEMENTATION SECTION  
UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
REGION VIII  
999 18th STREET - SUITE 500  
DENVER, CO 80202-2466  
8P2-W-GW**



**Dear Mr. Williams:**

Based on January 1998 step-rate data from several Red Wash Unit wells, Sharon L. Kercher, Director, Technical Enforcement Program, approved the use of a 0.81 psi/ft. fracture gradient in the calculation of maximum surface injection pressure for rule authorized wells in the Unit. Ms. Kercher's February 18, 1998 letter stated that this authorization does not apply to any wells in Red Wash Unit with individual UIC Permits. Please recall that a value of 0.78 psi/ft. was assigned to Red Wash Unit several years ago and has been used in all UIC Permit Applications since. Given recent step-rate data, we believe a value of 0.81 psi/ft. should be assigned to all water injectors in Red Wash Unit and respectfully request several minor permit modifications to reflect this change. The following permits are involved:

*S.15 T.75 R.23 E*

| Well     | EPA ID#      | Water<br>S.G. | Top Perf.<br>ft. | Max. Surface<br>Pressure, psi |
|----------|--------------|---------------|------------------|-------------------------------|
| RWU #17  | UT2810-04346 | 1.015         | 5572             | 2064                          |
| RWU #52  | UT2811-04347 | 1.0071        | 5660             | 2116                          |
| RWU #258 | UT2812-04348 | 1.025         | 5507             | 2016                          |
| RWU #261 | UT2835-04402 | 1.015         | 5655             | 2095                          |
| RWU #268 | UT2832-04399 | 1.015         | 5573             | 2064                          |
| RWU #283 | UT2833-04400 | 1.0071        | 5583 (est.)      | 2087                          |
| RWU #301 | UT2834-04401 | 1.015         | 5090             | 1886                          |

*43-047-15146  
43-047-15178  
43-047-30458  
43-047-32739  
43-047-32980  
43-047-32982  
43-047-31682*

Please note that water specific gravities relate to the injection station each well will be tied to. Details can be found in our 1997 UIC Annual Monitoring Report, which was previously submitted. If you need additional information, please call S. D. McPherson at (435) 781-4310.

Sincerely,

**J. T. CONLEY  
RED WASH ASSET TEAM LEADER**

cc

Utah Division of Oil, Gas and Mining  
1594 West North Temple, Suite 1210  
P. O. Box 145801  
Salt Lake City, UT 84114-5801  
Attn. Mr. Gil Hunt

U.S Department of the Interior  
Bureau of Land Management  
Vernal District Office  
170 South 500 East  
Vernal, UT 84078

MARCH 11, 1998

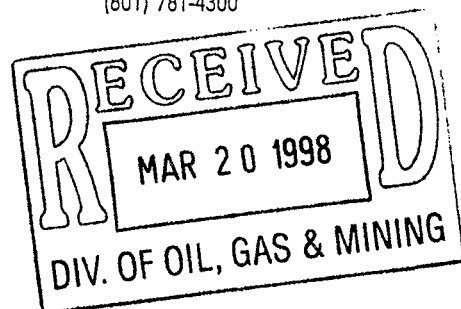


**Chevron**

**MINOR PERMIT MODIFICATION REQUESTS  
FRACTURE GRADIENT ASSIGNMENT  
RED WASH UNIT**

Chevron U.S.A. Production Co.  
Rocky Mountain Profit Center  
11002 East 17500 South  
Vernal, UT 84078-8526  
(801) 781-4300

**MR. CHUCK WILLIAMS  
UIC IMPLEMENTATION SECTION  
UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
REGION VIII  
999 18th STREET - SUITE 500  
DENVER, CO 80202-2466  
8P2-W-GW**



**Dear Mr. Williams:**

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| Well     | EPA ID#      | Water<br>S.G. | Top Perf.<br>ft. | Max. Surface<br>Pressure, psi |
|----------|--------------|---------------|------------------|-------------------------------|
| RWU #17  | UT2810-04346 | 1.015         | 5572             | 2064                          |
| RWU #52  | UT2811-04347 | 1.0071        | 5660             | 2116                          |
| RWU #258 | UT2812-04348 | 1.025         | 5507             | 2016                          |
| RWU #261 | UT2835-04402 | 1.015         | 5655             | 2095                          |
| RWU #268 | UT2832-04399 | 1.015         | 5573             | 2064                          |
| RWU #283 | UT2833-04400 | 1.0071        | 5583 (est.)      | 2087                          |
| RWU #301 | UT2834-04401 | 1.015         | 5090             | 1886                          |

*Handwritten pressure corrections:*  
RWU #17: 43-047-15146  
RWU #52: 43-047-15178  
RWU #258: 43-047-30458  
RWU #261: 43-047-32739  
RWU #268: 43-047-32980  
RWU #283: 43-047-32982  
RWU #301: 43-047-31682

Please note that water specific gravities relate to the injection station each well will be tied to. Details can be found in our 1997 UIC Annual Monitoring Report, which was previously submitted. If you need additional information, please call S. D. McPherson at (435) 781-4310.

Sincerely,

**J. T. CONLEY  
RED WASH ASSET TEAM LEADER**

# PROOF OF PUBLICATION

STATE OF UTAH,

} ss.

County of Uintah

**NOTICE OF AGENCY  
ACTION  
CAUSE NO. UIC-198  
BEFORE THE  
DIVISION OF OIL, GAS  
AND MINING  
DEPARTMENT OF  
NATURAL  
RESOURCES STATE OF  
UTAH**

IN THE MATTER OF  
THE APPLICATION OF  
CHEVRON U.S.A. PRO-  
DUCTION COMPANY,  
INC. FOR ADMINIS-  
TRATIVE APPROVAL  
OF THE RED WASH  
UNIT 301, 261, 268 AND  
283 WELLS LOCATED  
IN SECTIONS 15, 17  
AND 18, TOWNSHIP 7  
SOUTH, RANGE 23  
EAST, S.L.M., UINTAH  
COUNTY, UTAH, AS  
CLASS II INJECTION  
WELLS.

THE STATE OF UTAH  
TO ALL PERSONS IN-  
TERESTED IN THE  
ABOVE ENTITLED  
MATTER,

Notice is hereby given  
that the Division of Oil,  
Gas and Mining (the "Di-  
vision") is commencing  
an informal adjudicative  
proceeding to consider the  
application of Chevron  
U.S.A. Production Com-  
pany, Inc., for administra-  
tive approval of the Red  
Wash Unit 301, 261, 268  
and 283 wells, located in  
Sections 15, 17 and 18,  
Township 7 South, Range  
23 East, S.L.M., Uintah  
County, Utah, for conver-  
sion to Class II injection  
wells. The proceeding  
will be conducted in ac-  
cordance with Utah Ad-  
min. R.649-10, Adminis-  
trative Procedures.

The interval from 5042  
feet to 5810 feet (Green  
River Formation) will be  
selectively perforated for  
water injection. The max-  
imum injection pressure  
will be established for  
each well based on frac-  
ture gradient information  
submitted by the operator.

Any person desiring to  
object to the application  
or otherwise intervene in  
the proceeding, must file  
a written protest or notice  
of intervention with the  
Division within fifteen  
days following publica-  
tion of this notice. If such  
a protest or notice of in-  
tervention is received, a  
hearing will be scheduled  
before the Board of Oil,  
Gas and Mining. Protes-  
tants and/or intervenors  
should be prepared to  
demonstrate at the hearing  
how this matter affects  
their interests.

Dated this 6th day of  
November 1997.

STATE OF UTAH  
DIVISION OF OIL,  
GAS & MINING  
JOHN R. BAZA,  
Associate Director

Published in the Vernal  
Express Nov. 12, 1997.

I, SHEILA S. WHEELER,

being duly sworn, depose and say, that I  
am the Business Manager of The Vernal  
Express, a weekly newspaper of general  
circulation, published each week at Vernal,  
Utah, that the notice attached hereto was  
published in said newspaper

for 1 publications,

the first publication having been made on

the 12th day of November, 1997 and the

last on the 12th day of November, 1997,

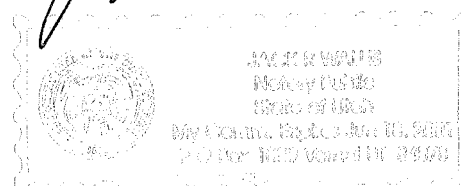
that

said notice was published in the regular  
and entire issue of every number of the  
paper during the period and times of  
publication, and the same was published in  
the newspaper proper and not in a  
supplement.

By Sheila S. Wheeler.....  
Manager

Subscribed and sworn to before me, this  
12th day of November A.D. 1997.

Jack R. Wallis.....  
Notary Public, Residence, Vernal, Utah





143 SOUTH MAIN ST.  
P.O. BOX 45838  
SALT LAKE CITY, UTAH 84145  
FED. TAX I.D.# 87-0217663

# Newspaper Agency Corporation

The Salt Lake Tribune



DESERET NEWS

CUSTOMER'S  
COPY

## PROOF OF PUBLICATION

| CUSTOMER NAME AND ADDRESS                                                                 | ACCOUNT NUMBER | DATE     |
|-------------------------------------------------------------------------------------------|----------------|----------|
| DIV OF OIL, GAS & MINING<br>355 WEST NORTH TEMPLE<br>3 TRIAD CENTER #350<br>SLC, UT 84180 | D5385340L-07   | 11/11/97 |

NOTICE OF AGENCY ACTION  
CAUSE NO. UIC-198  
BEFORE THE DIVISION OF  
OIL, GAS AND MINING  
DEPARTMENT OF NATURAL  
RESOURCES, STATE OF UTAH

THE MATTER OF THE APPLICA-  
TION OF CHEVRON U.S.A. PRO-  
DUCTION COMPANY, INC. FOR  
ADMINISTRATIVE APPROVAL OF  
RED WASH UNIT 301, 261, 268  
AND 283 WELLS LOCATED IN  
SECTIONS 15, 17 AND 18, TOWNSHIP  
7 SOUTH, RANGE 23 EAST,  
MOUNTAIN COUNTY, UTAH, AS  
CLASS II INJECTION WELLS.

STATE OF UTAH TO ALL PER-  
SONS INTERESTED IN THE ABOVE  
TITLED MATTER.

Notice is hereby given that  
the Division of Oil, Gas and Min-  
ing (the "Division") is commencing  
an informal adjudicative  
proceeding to consider the ap-  
plication of Chevron U.S.A. Pro-  
duction Company, Inc. for ad-  
ministrative approval of the Red  
wash Unit 301, 261, 268 and 283  
wells, located in Section 15, 17  
and 18, Township 7 South,  
Range 23 East, S.L.M., Uintah  
County, Utah, for conversion to  
class II injection wells. The pro-  
ceeding will be conducted in  
accordance with Utah Admin.  
549-10, Administrative Proce-  
dures.

The interval from 5042 feet to  
5140 feet (Green River Forma-  
tion) will be selectively perforat-  
ed for water injection. The maxi-  
mum injection pressure will be  
established for each well  
based on fracture gradient in-  
formation submitted by the op-  
erator.

Any person desiring to object  
to the application or otherwise  
intervene in the proceeding,  
must file a written protest or no-  
tice of intervention with the Divi-  
sion within fifteen days follow-  
ing publication of this notice. If  
such a protest or notice of inter-  
vention is received, a hearing  
will be scheduled before the  
Board of Oil, Gas and Mining.  
Protestants and/or intervenors  
should be prepared to demon-  
strate at the hearing how this  
matter affects their interests.

DATED this 6th day of Novem-  
ber 1997.

STATE OF UTAH  
DIV. OF OIL, GAS AND MINING  
s/ John R. Baza  
Associate Director  
17820090

| ACCOUNT NAME                    |                |
|---------------------------------|----------------|
| DIV OF OIL, GAS & MINING        |                |
| TELEPHONE                       | INVOICE NUMBER |
| 801-538-5340                    | TLB78200971    |
| SCHEDULE                        |                |
| START 11/11/97 END 11/11/97     |                |
| CUST. REF. NO.                  |                |
| UIC-198                         |                |
| CAPTION                         |                |
| NOTICE OF AGENCY ACTION CAUSE N |                |
| SIZE                            |                |
| 75 LINES 1.00 COLUMN            |                |
| TIMES                           | RATE           |
| 1                               | 1.64           |
| MISC. CHARGES                   | AD CHARGES     |
| .00                             | 123.00         |
| TOTAL COST                      |                |
| 123.00                          |                |

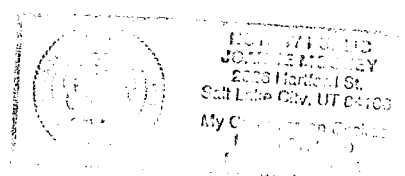
## AFFIDAVIT OF PUBLICATION

AS NEWSPAPER AGENCY CORPORATION LEGAL BOOKKEEPER, I CERTIFY THAT THE ATTACHED  
ADVERTISEMENT OF NOTICE OF AGENCY ACTION CAUSE N FOR  
DIV OF OIL, GAS & MINING WAS PUBLISHED BY THE NEWSPAPER AGENCY  
CORPORATION, AGENT FOR THE SALT LAKE TRIBUNE AND DESERET NEWS, DAILY NEWSPAPERS  
PRINTED IN THE ENGLISH LANGUAGE WITH GENERAL CIRCULATION IN UTAH, AND PUBLISHED  
IN SALT LAKE CITY, SALT LAKE COUNTY IN THE STATE OF UTAH.

PUBLISHED ON START 11/11/97 END 11/11/97

SIGNATURE James Honey

DATE 11/11/97



**THIS IS NOT A STATEMENT BUT A "PROOF OF PUBLICATION"**  
**PLEASE PAY FROM BILLING STATEMENT.**

2871  
N4408

FEBRUARY 24, 1999



**Chevron**

PERMIT EXTENSION REQUESTS  
RWU #52 (14-18B), UT2811-04347  
RWU #301 (43-15B), UT2834-04401  
RED WASH UNIT  
UINTAH COUNTY, UTAH

43,047,31682  
Chevron U.S.A. Production Co.  
Rocky Mountain Basin  
Red Wash Asset Team  
11002 East 17500 South  
Vernal, UT 84078-8526  
(435) 781-4300

MR. CHUCK TINSLEY  
EPA REGION VIII  
999 18th STREET - SUITE 500  
DENVER, CO 80202-2466  
8P2-W-GW

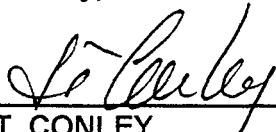
T07S R23E 15

Dear Mr. Tinsley:

We request approval of one year permit extensions for the captioned wells. While we remain convinced that both will be very effective Class II ER water injectors, the very poor oil industry business environment resulting from record low product prices has caused us to reconsider and defer certain projects. We plan to defer projects such as these conversions until business conditions improve.

Economic factors beyond our control have led to this request, and your approval of the extensions would be appreciated. If you have questions or would like to discuss this matter, please contact me at (435) 781-4301.

Sincerely,

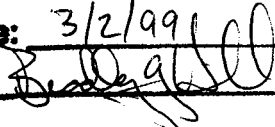
  
\_\_\_\_\_  
J. T. CONLEY  
RED WASH ASSET TEAM LEADER

cc

Utah Division of Oil, Gas and Mining  
1594 West North Temple, Suite 1210  
P. O. Box 145801  
Salt Lake City, UT 84114-5801  
Attn. Mr. Gil Hunt

U.S. Department of the Interior  
Bureau of Land Management  
Vernal District Office  
170 South 500 East  
Vernal, UT 84078

**Approved by the  
Utah Division of  
Oil, Gas and Mining**

Date: 3/2/99  
By: 

COPY SENT TO OPERATOR  
Date: 3-2-99  
Initials: CHD

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir  
Use "APPLICATION FOR PERMIT--" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

Oil

Gas



Well



Well



Other

2. Name of Operator

CHEVRON U.S.A. PRODUCTION COMPANY

3. Address and Telephone No

11002 E. 17500 S. VERNAL, UT 84078-8526

(801) 781-4300

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1900' FSL & 620' FEL (NE SE) SECTION 15, T7S, R23E, SLBM

5. Lease Designation and Serial No.

U-081

6. If Indian, Allottee or Tribe Name

N/A

7. If Unit or CA, Agreement Designation

RED WASH UNIT

8. Well Name and No.

RED WASH UNIT 301 43-15B

9. API Well No.

43-047-31682

10. Field and Pool, or Exploratory Area

RED WASH - GREEN RIVER

11. County or Parish, State

UINTAH, UTAH

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION



Notice of Intent



Subsequent Report



Final Abandonment Notice

TYPE OF ACTION



Abandonment



Recompletion



Plugging Back



Casing Repair



Altering Casing



Other TA STATUS FOR WELL



Change of Plans



New Construction



Non-Routine Fracturing



Water Shut-Off



Conversion to Injection



Dispose Water

(Note) Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work)

WE REQUEST A TA STATUS APPROVAL FOR THIS WELL.

WE PLAN TO RE-EVALUATE THIS WELL FOR POSSIBLE FUTURE WATER INJECTION SERVICE.

14. I hereby certify that the foregoing is true and correct.

Signed D. C. BEAMAN

*D.C. Beaman*

Title

COMPUTER SYSTEMS OPERATOR

Date

3/18/1999

(This space for Federal or State office use)

Approved by:

Title

Date

Conditions of approval, if any

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*See instruction on Reverse Side

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No 1004-0135  
Expires: March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir  
Use "APPLICATION FOR PERMIT--" for such proposals

**SUBMIT IN TRIPLICATE**

|                                                                                                                                                                      |                                                                          |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------|
| 1. Type of Well<br>Oil Gas<br><input type="checkbox"/> Well <input type="checkbox"/> Well <input checked="" type="checkbox"/> Other MULTIPLE WELLS SEE ATTACHED LIST | 5. Lease Designation and Serial No.                                      |
| 2. Name of Operator<br>CHEVRON U.S.A. INC.                                                                                                                           | 6. If Indian, Allottee or Tribe Name<br>N/A                              |
| 3. Address and Telephone No<br>11002 E. 17500 S. VERNAL, UT 84078-8526 (801) 781-4300                                                                                | 7. If Unit or CA, Agreement Designation<br>RED WASH UNIT<br>I-SEC NO 761 |
| 4. Location of Well (Footage, Sec., T., R., M., or Survey Description)                                                                                               | 8. Well Name and No.                                                     |
|                                                                                                                                                                      | 9. API Well No.                                                          |
|                                                                                                                                                                      | 10. Field and Pool, or Exploratory Area<br>RED WASH - GREEN RIVER        |
|                                                                                                                                                                      | 11. County or Parish, State<br>UINTAH, UTAH                              |

| 12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA |                                                              |                                                  |
|----------------------------------------------------------------------------------|--------------------------------------------------------------|--------------------------------------------------|
| TYPE OF SUBMISSION                                                               | TYPE OF ACTION                                               |                                                  |
| <input type="checkbox"/> Notice of Intent                                        | <input type="checkbox"/> Abandonment                         | <input type="checkbox"/> Change of Plans         |
| <input checked="" type="checkbox"/> Subsequent Report                            | <input type="checkbox"/> Recompletion                        | <input type="checkbox"/> New Construction        |
| <input type="checkbox"/> Final Abandonment Notice                                | <input type="checkbox"/> Plugging Back                       | <input type="checkbox"/> Non-Routine Fracturing  |
|                                                                                  | <input type="checkbox"/> Casing Repair                       | <input type="checkbox"/> Water Shut-Off          |
|                                                                                  | <input type="checkbox"/> Altering Casing                     | <input type="checkbox"/> Conversion to Injection |
|                                                                                  | <input checked="" type="checkbox"/> Other CHANGE OF OPERATOR | <input type="checkbox"/> Dispose Water           |

(Note) Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work)

As of January 1, 2000 Chevron U.S.A. INC. resigns as Operator of the Red Wash Unit.  
The Unit Number is I-SEC NO 761 effective October 31, 1950.

The successor operator under the Unit Agreement will be  
Shenandoah Energy Inc.  
475 17th Street, Suite 1000  
Denver, CO 80202

Agreed and accepted to this 29th day of December, 1999

Shenandoah Energy Inc.

By:

Mitchell L. Solich  
President

RECEIVED

DEC 30 1999

DIVISION OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct.  
Signed A. E. Wacker Title Assistant Secretary Date 12/29/99

(This space for Federal or State office use)

Approved by: \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_  
Conditions of approval, if any \_\_\_\_\_

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Utah State Office  
P.O. Box 45155  
Salt Lake City, UT 84145-0155

# RECEIVED

FEB 07 2000

DIVISION OF  
OIL, GAS AND MINING

IN REPLY REFER TO  
UT-931

February 4, 2000

Shenandoah Energy Inc.  
Attn: Rae Cusimano  
475 17<sup>th</sup> Street, Suite 1000  
Denver, Colorado 80202

Re: Red Wash Unit  
Uintah County, Utah

Gentlemen:

On December 30, 1999, we received an indenture whereby Chevron U.S.A. Inc. resigned as Unit Operator and Shenandoah Energy Inc. was designated as Successor Unit Operator for the Red Wash Unit, Uintah County, Utah.

This indenture was executed by all required parties and the signatory parties have complied with Sections 5 and 6 of the unit agreement. The instrument is hereby approved effective February 4, 2000. In approving this designation, the Authorized Officer neither warrants nor certifies that the designated party has obtained all required approval that would entitle it to conduct operations under the Red Wash Unit Agreement.

Your statewide (Utah) oil and gas bond No. 0969 will be used to cover all operations within the Red Wash Unit.

It is requested that you notify all interested parties of the change in unit operator. Copies of the approved instruments are being distributed to the appropriate federal offices, with one copy returned herewith.

Sincerely,

/s/ Robert A. Henricks

Robert A. Henricks  
Chief, Branch of Fluid Minerals

Enclosure

cc: Chevron U.S.A. Inc.

bcc: Field Manager - Vernal (w/enclosure)  
Division of Oil, Gas & Mining  
Minerals Adjudication Group U-932  
File - Red Wash Unit (w/enclosure)  
MMS - Data Management Division  
Agr. Sec. Chron  
Fluid Chron

UT931:TAThompson:tt:2/4/00

Well Status Report  
Utah State Office  
Bureau of Land Management

| Lease                 | Api Number            | Well Name                            | QTR           | Section      | Township      | Range           | Well Status    | Operator                              |
|-----------------------|-----------------------|--------------------------------------|---------------|--------------|---------------|-----------------|----------------|---------------------------------------|
| UTU081                | 4304715152            | 24 (34-14B) RED WASH SWSE            | 14            | T            | 7S            | R23E            | POW            | CHEVRON U S A INCORPORATED            |
| UTU0566               | 4304730344            | 240 (12-36B) RED WAS SWNW            | 36            | T            | 7S            | R23E            | POW            | CHEVRON U S A INCORPORATED            |
| UTU081                | 4304730345            | 241 (22-14B) RED WAS SENW            | 14            | T            | 7S            | R23E            | PGW            | CHEVRON U S A INCORPORATED            |
| UTU081                | 4304730346            | 242 (42-13B) RED WAS SENE            | 13            | T            | 7S            | R23E            | POW            | CHEVRON U S A INCORPORATED            |
| UTU02148              | 4304730347            | 243 (42-18C) RED WAS SENE            | 18            | T            | 7S            | R24E            | POW            | CHEVRON U S A INCORPORATED            |
| UTU02149              | 4304730348            | 244 (23-19C) RED WAS NESW            | 19            | T            | 7S            | R24E            | PGW            | CHEVRON U S A INCORPORATED            |
| <del>UTSL071964</del> | <del>4304730349</del> | <del>245 (14-30C) RED WAS SWSW</del> | <del>30</del> | <del>T</del> | <del>7S</del> | <del>R24E</del> | <del>ABD</del> | <del>CHEVRON U S A INCORPORATED</del> |
| UTU02148              | 4304730387            | 246 (22-18C) RED WAS SENW            | 18            | T            | 7S            | R24E            | POW            | CHEVRON U S A INCORPORATED            |
| UTU02148              | 4304730388            | 247 (22-17C) RED WAS SENW            | 17            | T            | 7S            | R24E            | PGW            | CHEVRON U S A INCORPORATED            |
| <del>UTU02149</del>   | <del>4304730389</del> | <del>248 (43-20C) RED WAS NESE</del> | <del>20</del> | <del>T</del> | <del>7S</del> | <del>R24E</del> | <del>ABD</del> | <del>CHEVRON U S A INCORPORATED</del> |
| UTU082                | 4304716476            | 25 (23-23B) RED WASH NESW            | 23            | T            | 7S            | R23E            | WIW            | CHEVRON U S A INCORPORATED            |
| <del>UTSL071965</del> | <del>4304730391</del> | <del>250 (41-29C) RED WAS NENE</del> | <del>29</del> | <del>T</del> | <del>7S</del> | <del>R24E</del> | <del>ABD</del> | <del>CHEVRON U S A INCORPORATED</del> |
| <del>UTU0559</del>    | <del>4304730457</del> | <del>257 (21-23A) RED WAS NENW</del> | <del>23</del> | <del>T</del> | <del>7S</del> | <del>R22E</del> | <del>ABD</del> | <del>CHEVRON U S A INCORPORATED</del> |
| UTU0559               | 4304730458            | 258 (34-22A) RED WAS SWSE            | 22            | T            | 7S            | R22E            | WIW            | CHEVRON U S A INCORPORATED            |
| STATE                 | 4304732785            | 259 SWSW                             | 16            | T            | 7S            | R23E            | POW            | CHEVRON U S A INCORPORATED            |
| UTU081                | 4304715153            | 26 (23-22B) RED WASH NESW            | 22            | T            | 7S            | R23E            | TA             | CHEVRON U S A INCORPORATED            |
| STATE                 | 4304732786            | 260 SWSE                             | 16            | T            | 7S            | R23E            | POW            | CHEVRON U S A INCORPORATED            |
| UTU0566               | 4304730517            | 262 (22-26B) RED WAS SENW            | 26            | T            | 7S            | R23E            | TA             | CHEVRON U S A INCORPORATED            |
| UTU0566               | 4304730518            | 263 (24-26B) RED WAS SESW            | 26            | T            | 7S            | R23E            | TA             | CHEVRON U S A INCORPORATED            |
| UTU0566               | 4304730519            | 264 (31-35B) RED WAS NWNW            | 35            | T            | 7S            | R23E            | WIW            | CHEVRON U S A INCORPORATED            |
| UTU0566               | 4304730520            | 265 (44-26B) RED WAS SESE            | 26            | T            | 7S            | R23E            | TA             | CHEVRON U S A INCORPORATED            |
| UTU0566               | 4304730521            | 266 (33-26B) RED WAS NWSE            | 26            | T            | 7S            | R23E            | TA             | CHEVRON U S A INCORPORATED            |
| UTU0116               | 4304732981            | 267 SWNE                             | 17            | T            | 7S            | R23E            | POW            | CHEVRON U S A INCORPORATED            |
| UTU0566               | 4304730522            | 269 (13-26B) RED WAS NWSW            | 26            | T            | 7S            | R23E            | TA             | CHEVRON U S A INCORPORATED            |
| UTU081                | 4304715154            | 27 (43-14B) RED WASH NESE            | 14            | T            | 7S            | R23E            | TA             | CHEVRON U S A INCORPORATED            |
| UTU0566               | 4304731082            | 270 (22-35B) RED WAS SENW            | 35            | T            | 7S            | R23E            | POW            | CHEVRON U S A INCORPORATED            |
| UTU0566               | 4304731081            | 271 (42-35B) RED WAS SENE            | 35            | T            | 7S            | R23E            | TA             | CHEVRON U S A INCORPORATED            |
| UTU082                | 4304731054            | 272 (44-23B) RED WAS SESE            | 23            | T            | 7S            | R23E            | PGW            | CHEVRON U S A INCORPORATED            |
| UTU0566               | 4304731051            | 273 (42-27B) RED WAS SENE            | 27            | T            | 7S            | R23E            | TA             | CHEVRON U S A INCORPORATED            |
| <del>UTU0823</del>    | <del>4304731083</del> | <del>274 (13-25B) RED WAS NWSW</del> | <del>25</del> | <del>T</del> | <del>7S</del> | <del>R23E</del> | <del>P+A</del> | <del>CHEVRON U S A INCORPORATED</del> |
| UTU0566               | 4304731077            | 275 (31-26B) RED WAS NENW            | 26            | T            | 7S            | R23E            | WIW            | CHEVRON U S A INCORPORATED            |
| UTU0566               | 4304731053            | 276 (44-27B) RED WAS SESE            | 27            | T            | 7S            | R23E            | TA             | CHEVRON U S A INCORPORATED            |
| UTU0566               | 4304731076            | 278 (11-26B) RED WAS NWNW            | 26            | T            | 7S            | R23E            | TA             | CHEVRON U S A INCORPORATED            |
| STATE                 | 4304731052            | 279 (11-36B) RED WAS NWNW            | 36            | T            | 7S            | R23E            | WIW            | CHEVRON U S A INCORPORATED            |
| UTU081                | 4304715155            | 28 (43-22B) RED WASH NESE            | 22            | T            | 7S            | R23E            | POW            | CHEVRON U S A INCORPORATED            |
| UTU0566               | 4304731079            | 280 (11-35B) RED WAS NWNW            | 35            | T            | 7S            | R23E            | POW            | CHEVRON U S A INCORPORATED            |
| <del>UTU0823</del>    | <del>4304731078</del> | <del>281 (11-25B) RED WAS NWNW</del> | <del>25</del> | <del>T</del> | <del>7S</del> | <del>R23E</del> | <del>ABD</del> | <del>CHEVRON U S A INCORPORATED</del> |
| UTU0566               | 4304731080            | 282(42-26B) RED WAS SENE             | 26            | T            | 7S            | R23E            | TA             | CHEVRON U S A INCORPORATED            |
| UTU0116               | 4304732982            | 283 NESE                             | 18            | T            | 7S            | R23E            | WIW            | CHEVRON U S A INCORPORATED            |
| UTU082                | 4304731476            | 284 (33-23B) RED WAS NWSE            | 23            | T            | 7S            | R23E            | PGW            | CHEVRON U S A INCORPORATED            |
| UTU082                | 4304731477            | 285 (11-24B) RED WAS NWNW            | 24            | T            | 7S            | R23E            | POW            | CHEVRON U S A INCORPORATED            |
| UTU0567               | 4304731478            | 286 (42-21B) RED WAS SENE            | 21            | T            | 7S            | R23E            | POW            | CHEVRON U S A INCORPORATED            |
| UTU081                | 4304731512            | 287 (44-13B) RED WAS SESE            | 13            | T            | 7S            | R23E            | TA             | CHEVRON U S A INCORPORATED            |
| UTU0566               | 4304731513            | 288 (24-27B) RED WAS SESW            | 27            | T            | 7S            | R23E            | TA             | CHEVRON U S A INCORPORATED            |
| UTU082                | 4304731517            | 289 (13-24B) RED WAS NWSW            | 24            | T            | 7S            | R23E            | POW            | CHEVRON U S A INCORPORATED            |
| UTU082                | 4304715156            | 29 (32-23B) RED WASH SWNE            | 23            | T            | 7S            | R23E            | POW            | CHEVRON U S A INCORPORATED            |
| <del>UTU082</del>     | <del>4304731515</del> | <del>290 (12X-23B) RED WA SWNW</del> | <del>23</del> | <del>T</del> | <del>7S</del> | <del>R23E</del> | <del>ABD</del> | <del>CHEVRON U S A INCORPORATED</del> |
| <del>UTU082</del>     | <del>4304731516</del> | <del>291 (22X-23B) RED WA SENW</del> | <del>23</del> | <del>T</del> | <del>7S</del> | <del>R23E</del> | <del>ABD</del> | <del>CHEVRON U S A INCORPORATED</del> |
| UTU082                | 4304731576            | 292 (42-23B) RED WAS SENE            | 23            | T            | 7S            | R23E            | TA             | CHEVRON U S A INCORPORATED            |

Well Status Report  
Utah State Office  
Bureau of Land Management

| Lease                 | Api Number            | Well Name                       | QTR             | Section       | Township        | Range           | Well Status    | Operator                              |
|-----------------------|-----------------------|---------------------------------|-----------------|---------------|-----------------|-----------------|----------------|---------------------------------------|
| UTU0559               | 4304731581            | 293 (22-22A) RED WAS            | SENW            | 22            | T 7S            | R22E            | OSI            | CHEVRON U S A INCORPORATED            |
| UTU02148              | 4304731582            | 294 (24-18C) RED WAS            | SESW            | 18            | T 7S            | R24E            | PGW            | CHEVRON U S A INCORPORATED            |
| UTU081                | 4304731577            | 295 (11-22B) RED WAS            | NWNW            | 22            | T 7S            | R23E            | TA             | CHEVRON U S A INCORPORATED            |
| UTU0566               | 4304731578            | 296 (12-35B) RED WAS            | SWNW            | 35            | T 7S            | R23E            | POW            | CHEVRON U S A INCORPORATED            |
| UTU081                | 4304731579            | 297 (24-15B) RED WAS            | SESW            | 15            | T 7S            | R23E            | POW            | CHEVRON U S A INCORPORATED            |
| UTU0566               | 4304731679            | 298 (22-27B) RED WAS            | SENW            | 27            | T 7S            | R23E            | TA             | CHEVRON U S A INCORPORATED            |
| UTU0116               | 4304733018            | 299                             | SWNE            | 18            | T 7S            | R23E            | POW            | CHEVRON U S A INCORPORATED            |
| UTU082                | 4304715136            | 3 (34-23B) RED WASH             | SWSE            | 23            | T 7S            | R23E            | POW            | CHEVRON U S A INCORPORATED            |
| UTU081                | 4304715157            | 30 (23-13B) RED WASH            | NESW            | 13            | T 7S            | R23E            | POW            | CHEVRON U S A INCORPORATED            |
| UTU081                | 4304731682            | 301 (43-15B) RED WAS            | NESE            | 15            | T 7S            | R23E            | TA             | CHEVRON U S A INCORPORATED            |
| UTU082                | 4304731683            | 302 (22-24B) RED WAS            | SENW            | 24            | T 7S            | R23E            | TA             | CHEVRON U S A INCORPORATED            |
| UTU0116               | 4304731819            | 303 (34-17B) RED WAS            | SWSE            | 17            | T 7S            | R23E            | POW            | CHEVRON U S A INCORPORATED            |
| UTU0830               | 4304732538            | 305                             | NENE            | 4             | T 8S            | R24E            | PGW            | CHEVRON U S A INCORPORATED            |
| UTU093                | 4304732629            | 306                             | NESW            | 23            | T 7S            | R24E            | POW            | CHEVRON U S A INCORPORATED            |
| <del>STATE</del>      | <del>4304732632</del> | <del>307</del>                  | <del>SWSW</del> | <del>16</del> | <del>T 7S</del> | <del>R24E</del> | <del>ABD</del> | <del>CHEVRON U S A INCORPORATED</del> |
| <del>UTSL071965</del> | <del>4304732627</del> | <del>308</del>                  | <del>SESW</del> | <del>28</del> | <del>T 7S</del> | <del>R24E</del> | <del>P+A</del> | <del>CHEVRON U S A INCORPORATED</del> |
| UTU081                | 4304715158            | 31 (34-22B) RED WASH            | SWSE            | 22            | T 7S            | R23E            | POW            | CHEVRON U S A INCORPORATED            |
| <del>UTSL071965</del> | <del>4304732628</del> | <del>311</del>                  | <del>NESW</del> | <del>26</del> | <del>T 7S</del> | <del>R24E</del> | <del>P+A</del> | <del>CHEVRON U S A INCORPORATED</del> |
| <del>UTSL071963</del> | <del>4304732595</del> | <del>312</del>                  | <del>SWNE</del> | <del>34</del> | <del>T 7S</del> | <del>R24E</del> | <del>ABD</del> | <del>CHEVRON U S A INCORPORATED</del> |
| <del>UTU02149</del>   | <del>4304732630</del> | <del>313</del>                  | <del>NESW</del> | <del>20</del> | <del>T 7S</del> | <del>R24E</del> | <del>ABD</del> | <del>CHEVRON U S A INCORPORATED</del> |
| <del>UTSL071965</del> | <del>4304732626</del> | <del>314</del>                  | <del>SESW</del> | <del>29</del> | <del>T 7S</del> | <del>R24E</del> | <del>ABD</del> | <del>CHEVRON U S A INCORPORATED</del> |
| UTU081                | 4304715160            | 33 (14-14B) RED WASH            | SWSW            | 14            | T 7S            | R23E            | TA             | CHEVRON U S A INCORPORATED            |
| UTU081                | 4304715161            | 34 (23-14B) RED WASH            | NESW            | 14            | T 7S            | R23E            | WIW            | CHEVRON U S A INCORPORATED            |
| UTU081                | 4304715162            | 35 (43-13B) RED WASH            | NESE            | 13            | T 7S            | R23E            | TA             | CHEVRON U S A INCORPORATED            |
| UTU081                | 4304715163            | 36 (32-13B) RED WASH            | SWNE            | 13            | T 7S            | R23E            | POW            | CHEVRON U S A INCORPORATED            |
| <del>UTU0823</del>    | <del>4304715164</del> | <del>37 (41-25B) RED WASH</del> | <del>NENE</del> | <del>25</del> | <del>T 7S</del> | <del>R23E</del> | <del>ABD</del> | <del>CHEVRON U S A INCORPORATED</del> |
| UTU082                | 4304715165            | 38 (14-23B) RED WASH            | SWSW            | 23            | T 7S            | R23E            | POW            | CHEVRON U S A INCORPORATED            |
| UTU0561               | 4304715166            | 39 (14-24A) RED WASH            | SWSW            | 24            | T 7S            | R22E            | TA             | CHEVRON U S A INCORPORATED            |
| UTU081                | 4304715137            | 4 (41-22B) RED WASH             | NENE            | 22            | T 7S            | R23E            | TA             | CHEVRON U S A INCORPORATED            |
| UTU082                | 4304715167            | 40 (21-24B) RED WASH            | NENW            | 24            | T 7S            | R23E            | POW            | CHEVRON U S A INCORPORATED            |
| UTU081                | 4304715168            | 41 (34-13B) RED WASH            | SWSE            | 13            | T 7S            | R23E            | POW            | CHEVRON U S A INCORPORATED            |
| UTSL071965            | 4304715169            | 42 (21-29C) RED WASH            | NENW            | 29            | T 7S            | R24E            | PGW            | CHEVRON U S A INCORPORATED            |
| UTU0116               | 4304715170            | 43 (12-17B) RED WASH            | SWNW            | 17            | T 7S            | R23E            | POW            | CHEVRON U S A INCORPORATED            |
| UTU0829               | 4304715171            | 44 (32-33C) RED WASH            | SWNE            | 33            | T 7S            | R24E            | PGW            | CHEVRON U S A INCORPORATED            |
| UTU02030              | 4304715172            | 45 (23-30B) RED WASH            | NESW            | 30            | T 7S            | R23E            | TA             | CHEVRON U S A INCORPORATED            |
| UTU080                | 4304715173            | 46 (41-21C) RED WASH            | NENE            | 21            | T 7S            | R24E            | PGW            | CHEVRON U S A INCORPORATED            |
| UTU02030              | 4304715174            | 48 (32-19B) RED WASH            | SWNE            | 19            | T 7S            | R23E            | TA             | CHEVRON U S A INCORPORATED            |
| UTU02025              | 4304715175            | 49 (12-29B) RED WASH            | SWNW            | 29            | T 7S            | R23E            | TA             | CHEVRON U S A INCORPORATED            |
| UTU082                | 4304715138            | 5 (41-23B) RED WASH             | NENE            | 23            | T 7S            | R23E            | POW            | CHEVRON U S A INCORPORATED            |
| UTU0559               | 4304715176            | 50 (14-23A) RED WASH            | SWSW            | 23            | T 7S            | R22E            | POW            | CHEVRON U S A INCORPORATED            |
| STATE                 | 4304715177            | 51 (12-16B) RED WASH            | SWNW            | 16            | T 7S            | R23E            | POW            | CHEVRON U S A INCORPORATED            |
| UTU0116               | 4304715178            | 52 (14-18B) RED WASH            | SWSW            | 18            | T 7S            | R23E            | TA             | CHEVRON U S A INCORPORATED            |
| UTU0561               | 4304715179            | 53 (41-25A) RED WASH            | NENE            | 25            | T 7S            | R22E            | POW            | CHEVRON U S A INCORPORATED            |
| <del>UTU0559</del>    | <del>4304715181</del> | <del>55 (41-21A) RED WASH</del> | <del>NENE</del> | <del>21</del> | <del>T 7S</del> | <del>R22E</del> | <del>P+A</del> | <del>CHEVRON U S A INCORPORATED</del> |
| UTU02030              | 4304715182            | 56 (41-28B) RED WASH            | NENE            | 28            | T 7S            | R23E            | WIW            | CHEVRON U S A INCORPORATED            |
| UTU02148              | 4304715183            | 57 (12-18C) RED WASH            | SWNW            | 18            | T 7S            | R24E            | POW            | CHEVRON U S A INCORPORATED            |
| UTU082                | 4304716477            | 59 (12-24B) RED WASH            | SWNW            | 24            | T 7S            | R23E            | WIW            | CHEVRON U S A INCORPORATED            |
| UTU0567               | 4304716482            | 6 (41-21B) RED WASH             | NENE            | 21            | T 7S            | R23E            | WIW            | CHEVRON U S A INCORPORATED            |
| UTU02025              | 4304715184            | 60 (43-30B) RED WASH            | NESE            | 30            | T 7S            | R23E            | TA             | CHEVRON U S A INCORPORATED            |

## OPERATOR CHANGE WORKSHEET

## ROUTING

|        |                                     |        |                                     |
|--------|-------------------------------------|--------|-------------------------------------|
| 1. GLH | <input checked="" type="checkbox"/> | 4-KAS  | <input checked="" type="checkbox"/> |
| 2. CDW | <input checked="" type="checkbox"/> | 5-SJT  | <input checked="" type="checkbox"/> |
| 3. JLT | <input type="checkbox"/>            | 6-FILE | <input type="checkbox"/>            |

Enter date after each listed item is completed

**X Change of Operator (Well Sold)**

Designation of Agent

Operator Name Change (Only)

Merger

The operator of the well(s) listed below has changed, effective:

01-01-2000**FROM:** (Old Operator):

CHEVRON USA INC

Address: 11002 E. 17500 S.

VERNAL, UT 84078-8526

Phone: 1-(435)-781-4300

Account No. N0210

**TO:** ( New Operator):

SHENANDOAH ENERGY INC

Address: 11002 E. 17500 S.

VERNAL, UT 84078

Phone: 1-(435)-781-4300

Account N4235

**CA No.****Unit: RED WASH****WELL(S)**

| NAME              | API<br>NO.   | ENTITY<br>NO. | SEC. TWN<br>RNG | LEASE<br>TYPE | WELL<br>TYPE | WELL<br>STATUS |
|-------------------|--------------|---------------|-----------------|---------------|--------------|----------------|
| RWU 293 (22-22A)  | 43-047-31581 | 5670          | 22-07S-22E      | FEDERAL       | OW           | TA             |
| RWU 30 (23-13B)   | 43-047-15157 | 5670          | 13-07S-23E      | FEDERAL       | GW           | TA             |
| RWU 297 (24-15B)  | 43-047-31579 | 5670          | 15-07S-23E      | FEDERAL       | OW           | P              |
| RWU 301 (43-15B)  | 43-047-31682 | 5670          | 15-07S-23E      | FEDERAL       | GW           | P              |
| RWU 303 (34-17B)  | 43-047-31819 | 5670          | 17-07S-23E      | FEDERAL       | OW           | P              |
| RWU 299 (32-18B)  | 43-047-33018 | 5670          | 18-07S-23E      | FEDERAL       | OW           | P              |
| RWU 295 (11-22B)  | 43-047-31577 | 5670          | 22-07S-23E      | FEDERAL       | GW           | S              |
| RWU 31 (34-22B)   | 43-047-15158 | 5670          | 22-07S-23E      | FEDERAL       | OW           | P              |
| RWU 290 (12X-23B) | 43-047-31515 | 5670          | 23-07S-23E      | FEDERAL       | OW           | PA             |
| RWU 291 (22X-23B) | 43-047-31516 | 5670          | 23-07S-23E      | FEDERAL       | OW           | PA             |
| RWU 29 (32-23B)   | 43-047-15156 | 5670          | 23-07S-23E      | FEDERAL       | OW           | P              |
| RWU 292 (42-23B)  | 43-047-31576 | 5670          | 23-07S-23E      | FEDERAL       | GW           | TA             |
| RWU 3 (34-23B)    | 43-047-15136 | 5670          | 23-07S-23E      | FEDERAL       | OW           | P              |
| RWU 289 (13-24B)  | 43-047-31517 | 5670          | 24-07S-23E      | FEDERAL       | OW           | P              |
| RWU 302 (22-24B)  | 43-047-31683 | 5670          | 24-07S-23E      | FEDERAL       | GW           | S              |
| RWU 298 (22-27B)  | 43-047-31679 | 5670          | 27-07S-23E      | FEDERAL       | OW           | TA             |
| RWU 296 (12-35B)  | 43-047-31578 | 5670          | 35-07S-23E      | FEDERAL       | OW           | P              |
| RWU 307           | 43-047-32632 | 5670          | 16-07S-24E      | STATE         | GW           | PA             |
| RWU 294 (24-18C)  | 43-047-31582 | 5670          | 18-07S-24E      | FEDERAL       | GW           | P              |
| RWU 306           | 43-047-32629 | 5670          | 23-07S-24E      | FEDERAL       | GW           | P              |
| RWU 308           | 43-047-32627 | 5670          | 28-07S-24E      | FEDERAL       | GW           | PA             |
| RWU 305 (41-4F)   | 43-047-32538 | 5670          | 04-08S-24E      | FEDERAL       | GW           | TA             |

**OPERATOR CHANGES DOCUMENTATION**1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on:12-30-19992. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on:08-09-2000



3. The new company has been checked through the **Department of Commerce, Division of Corporations Database** on: 08-23-2000
4. Is the new operator registered in the State of Utah: YES Business Number: 224885
5. If **NO**, the operator was contacted on: \_\_\_\_\_
6. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the (merger, name change, or operator change for all wells listed on Federal or Indian leases on: 02/04/2000
7. **Federal and Indian Units:** The BLM or BIA has approved the successor of unit operator for wells listed on: 02/04/2000
8. **Federal and Indian Communization Agreements ("CA"):** The BLM or the BIA has approved the operator change for all wells listed involved in a CA on: N/A
9. **Underground Injection Control ("UIC") Pro:** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: N/A

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**DATA ENTRY:**

1. Changes entered in the **Oil and Gas Database** on: 09/20/2000
2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 09/20/2000
3. Bond information entered in RBDMS on: N/A
4. Fee wells attached to bond in RBDMS on: N/A

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**STATE BOND VERIFICATION:**

1. State well(s) covered by Bond No.: 159261960

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**FEE WELLS - BOND VERIFICATION/LEASE INTEREST OWNER NOTIFICATION:**

1. (R649-3-1) The **NEW** operator of any fee well(s) listed has furnished a bond: N/A
2. The **FORMER** operator has requested a release of liability from their bond on: N/A  
The Division sent response by letter on: N/A
3. (R649-2-10) The **FORMER** operator of the Fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: \_\_\_\_\_

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**FILMING:**

1. All attachments to this form have been **MICROFILMED** on: 03-08-01

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**FILING:**

1. **ORIGINALS/COPIES** of all attachments pertaining to each individual well have been filled in each well file on: \_\_\_\_\_

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**COMMENTS:**

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May 28, 2003

Division of Oil, Gas, & Mining  
1594 West North Temple, Suite 1210  
P. O. Box 145801  
Salt Lake City, Utah 84114-5801

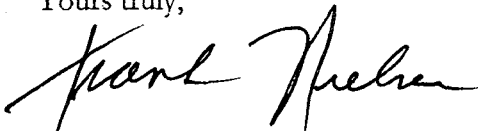
Attention: John Baza/Jim Thompson

Gentlemen:

This will serve as notice that through the internal corporate changes described below, activities formerly conducted in the name of either Shenandoah Operating Company, LLC (SOC) and/or Shenandoah Energy, Inc. (SEI) will hereafter be conducted in the name of QEP Uinta Basin, Inc.: i) the Shenandoah entities were purchased in July, 2001 by Questar Market Resources, Inc., which is a mid-level holding company for the non-utility businesses of Questar Corporation, ii) Shenandoah Operating Company, LLC has now been merged into Shenandoah Energy, Inc. (SEI), iii) Shenandoah Energy, Inc. has now been re-named **QEP Uinta Basin, Inc.** pursuant to a State of Delaware Amended and Restated Certificate of Incorporation, iv) the same employees will continue to be responsible for operations of the former SOC and SEI properties, both in the field and in the office. Accordingly, the change involves only an internal corporate name change and no third party change of operator is involved. Please alter your records to reflect the entity name change. Attached is a spreadsheet listing all wells affected by this change.

Should you have any questions, please call me at 303 - 308-3056.

Yours truly,



Frank Nielsen  
Division Landman

Enclosure

RECEIVED

JUN 02 2003

DIV. OF OIL, GAS & MINING

## SEI (N4235) to QEP (N2460) RED WASH UNIT

| well_name            | Sec | T    | R    | api        | Entity | Lease Type | type | stat |  |
|----------------------|-----|------|------|------------|--------|------------|------|------|--|
| RED WASH 22-21B      | 21  | 070S | 230E | 4304733522 | 5670   | Federal    | OW   | TA   |  |
| RED WASH 24-20B      | 20  | 070S | 230E | 4304733523 | 5670   | Federal    | OW   | P    |  |
| RED WASH 305 (41-4F) | 04  | 080S | 240E | 4304732538 | 5670   | Federal    | GW   | TA   |  |
| RED WASH 306         | 23  | 070S | 240E | 4304732629 | 5670   | Federal    | GW   | P    |  |
| RED WASH 44-19B      | 19  | 070S | 230E | 4304733524 | 5670   | Federal    | OW   | P    |  |
| RED WASH 44-20B      | 20  | 070S | 230E | 4304733525 | 5670   | Federal    | OW   | P    |  |
| RWU 1 (41-26B)       | 26  | 070S | 230E | 4304715135 | 5670   | Federal    | OW   | TA   |  |
| RWU 10 (12-23B)      | 23  | 070S | 230E | 4304715141 | 5670   | Federal    | OW   | TA   |  |
| RWU 101 (34-21B)     | 21  | 070S | 230E | 4304715220 | 5670   | Federal    | OW   | P    |  |
| RWU 103 (34-15B)     | 15  | 070S | 230E | 4304715222 | 5670   | Federal    | OW   | P    |  |
| RWU 108 (32-21B)     | 21  | 070S | 230E | 4304715226 | 5670   | Federal    | OW   | P    |  |
| RWU 109 (21-28B)     | 28  | 070S | 230E | 4304715227 | 5670   | Federal    | OW   | P    |  |
| RWU 110 (23-23A)     | 23  | 070S | 220E | 4304715228 | 5670   | Federal    | OW   | P    |  |
| RWU 111 (32-24A)     | 24  | 070S | 220E | 4304715229 | 5670   | Federal    | OW   | TA   |  |
| RWU 112 (32-28A)     | 28  | 070S | 220E | 4304715230 | 5670   | Federal    | OW   | P    |  |
| RWU 115 (21-19B)     | 19  | 070S | 230E | 4304715233 | 5670   | Federal    | OW   | P    |  |
| RWU 119 (43-29A)     | 29  | 070S | 220E | 4304715236 | 5670   | Federal    | OW   | P    |  |
| RWU 120 (23-28B)     | 28  | 070S | 230E | 4304715237 | 5670   | Federal    | OW   | TA   |  |
| RWU 121 (13-13B)     | 13  | 070S | 230E | 4304715238 | 5670   | Federal    | GW   | P    |  |
| RWU 122 (24-14B)     | 14  | 070S | 230E | 4304715239 | 5670   | Federal    | OW   | P    |  |
| RWU 125 (34-19B)     | 19  | 070S | 230E | 4304715242 | 5670   | Federal    | OW   | TA   |  |
| RWU 126 (41-29A)     | 29  | 070S | 220E | 4304715243 | 5670   | Federal    | OW   | P    |  |
| RWU 127 (12-19B)     | 19  | 070S | 230E | 4304715244 | 5670   | Federal    | OW   | TA   |  |
| RWU 129 (14-15B)     | 15  | 070S | 230E | 4304715246 | 5670   | Federal    | OW   | P    |  |
| RWU 13 (14-22B)      | 22  | 070S | 230E | 4304715143 | 5670   | Federal    | OW   | TA   |  |
| RWU 133 (41-34B)     | 34  | 070S | 230E | 4304715250 | 5670   | Federal    | OW   | P    |  |
| RWU 136 (43-19B)     | 19  | 070S | 230E | 4304715252 | 5670   | Federal    | OW   | TA   |  |
| RWU 137 (34-28B)     | 28  | 070S | 230E | 4304715253 | 5670   | Federal    | GW   | TA   |  |
| RWU 138 (41-30B)     | 30  | 070S | 230E | 4304715254 | 5670   | Federal    | OW   | P    |  |
| RWU 140 (24-22B)     | 22  | 070S | 230E | 4304715255 | 5670   | Federal    | OW   | P    |  |
| RWU 141 (11-27B)     | 27  | 070S | 230E | 4304715256 | 5670   | Federal    | OW   | TA   |  |
| RWU 143 (33-14B)     | 14  | 070S | 230E | 4304715257 | 5670   | Federal    | OW   | P    |  |
| RWU 144 (21-18B)     | 18  | 070S | 230E | 4304715258 | 5670   | Federal    | OW   | TA   |  |
| RWU 145 (24-13B)     | 13  | 070S | 230E | 4304715259 | 5670   | Federal    | OW   | TA   |  |
| RWU 147 (22-22B)     | 22  | 070S | 230E | 4304715260 | 5670   | Federal    | OW   | TA   |  |
| RWU 15 (32-17C)      | 17  | 070S | 240E | 4304715145 | 5670   | Federal    | OW   | P    |  |
| RWU 151 (42-14B)     | 14  | 070S | 230E | 4304715264 | 5670   | Federal    | OW   | P    |  |
| RWU 153 (14-29B)     | 29  | 070S | 230E | 4304715265 | 5670   | Federal    | OW   | P    |  |
| RWU 158 (32-30B)     | 30  | 070S | 230E | 4304715268 | 5670   | Federal    | OW   | P    |  |
| RWU 160 (32-15B)     | 15  | 070S | 230E | 4304715270 | 5670   | Federal    | OW   | P    |  |
| RWU 162 (12-20B)     | 20  | 070S | 230E | 4304715272 | 5670   | Federal    | OW   | TA   |  |
| RWU 164 (12-28B)     | 28  | 070S | 230E | 4304715274 | 5670   | Federal    | OW   | P    |  |
| RWU 165 (32-26B)     | 26  | 070S | 230E | 4304715275 | 5670   | Federal    | GW   | TA   |  |
| RWU 167 (23-21B)     | 21  | 070S | 230E | 4304715277 | 5670   | Federal    | OW   | S    |  |
| RWU 168 (23-24B)     | 24  | 070S | 230E | 4304715278 | 5670   | Federal    | OW   | TA   |  |
| RWU 172 (21-30B)     | 30  | 070S | 230E | 4304715280 | 5670   | Federal    | OW   | TA   |  |
| RWU 176 (31-28B)     | 28  | 070S | 230E | 4304715283 | 5670   | Federal    | OW   | TA   |  |
| RWU 177 (42-28B)     | 28  | 070S | 230E | 4304715284 | 5670   | Federal    | OW   | TA   |  |
| RWU 178 (22-13B)     | 13  | 070S | 230E | 4304715285 | 5670   | Federal    | OW   | TA   |  |
| RWU 180 (31-23B)     | 23  | 070S | 230E | 4304715287 | 5670   | Federal    | OW   | TA   |  |
| RWU 181 (34-30B)     | 30  | 070S | 230E | 4304715288 | 5670   | Federal    | OW   | P    |  |
| RWU 184 (23-26B)     | 26  | 070S | 230E | 4304715290 | 5670   | Federal    | OW   | TA   |  |
| RWU 188 (23-20B)     | 20  | 070S | 230E | 4304715291 | 5670   | Federal    | OW   | TA   |  |
| RWU 19 (34-26B)      | 26  | 070S | 230E | 4304715148 | 5670   | Federal    | GW   | TA   |  |
| RWU 192 (41-33A)     | 33  | 070S | 220E | 4304715294 | 5670   | Federal    | OW   | P    |  |
| RWU 193 (43-24B)     | 24  | 070S | 230E | 4304715295 | 5670   | Federal    | GW   | S    |  |
| RWU 194 (12-14B)     | 14  | 070S | 230E | 4304715296 | 5670   | Federal    | OW   | S    |  |
| RWU 196 (23-17C)     | 17  | 070S | 240E | 4304715298 | 5670   | Federal    | GW   | S    |  |
| RWU 201 (32-28C)     | 28  | 070S | 240E | 4304715302 | 5670   | Federal    | GW   | P    |  |
| RWU 204 (23-25A)     | 25  | 070S | 220E | 4304715305 | 5670   | Federal    | OW   | P    |  |
| RWU 205 (23-21C)     | 21  | 070S | 240E | 4304715306 | 5670   | Federal    | GW   | TA   |  |
| RWU 207              | 17  | 070S | 230E | 4304732738 | 5670   | Federal    | OW   | P    |  |
| RWU 21 (32-14B)      | 14  | 070S | 230E | 4304715150 | 5670   | Federal    | OW   | P    |  |
| RWU 212 (41-8F)      | 08  | 080S | 240E | 4304720014 | 5670   | Federal    | GW   | P    |  |
| RWU 21-24A           | 24  | 070S | 220E | 4304733592 | 5670   | Federal    | OW   | P    |  |

| well_name        | Sec | T    | R    | api        | Entity | Lease Type | type | stat |  |
|------------------|-----|------|------|------------|--------|------------|------|------|--|
| RWU 21-25A       | 25  | 070S | 220E | 4304733576 | 5670   | Federal    | OW   | P    |  |
| RWU 219 (44-21C) | 21  | 070S | 240E | 4304730149 | 5670   | Federal    | GW   | P    |  |
| RWU 220 (22-23B) | 23  | 070S | 230E | 4304730192 | 5670   | Federal    | OW   | TA   |  |
| RWU 221 (13-27B) | 27  | 070S | 230E | 4304730199 | 5670   | Federal    | OW   | TA   |  |
| RWU 22-13A       | 13  | 070S | 220E | 4304733765 | 5670   | Federal    | OW   | S    |  |
| RWU 22-19B       | 19  | 070S | 230E | 4304733559 | 5670   | Federal    | OW   | P    |  |
| RWU 222 (31-27B) | 27  | 070S | 230E | 4304730200 | 5670   | Federal    | GW   | TA   |  |
| RWU 22-20B       | 20  | 070S | 230E | 4304733491 | 5670   | Federal    | OW   | P    |  |
| RWU 22-25A       | 25  | 070S | 220E | 4304733786 | 5670   | Federal    | OW   | P    |  |
| RWU 22-29B       | 29  | 070S | 230E | 4304733766 | 5670   | Federal    | OW   | S    |  |
| RWU 224 (44-22B) | 22  | 070S | 230E | 4304730202 | 5670   | Federal    | GW   | TA   |  |
| RWU 225 (13-23B) | 23  | 070S | 230E | 4304730212 | 5670   | Federal    | GW   | TA   |  |
| RWU 226 (24-23B) | 23  | 070S | 230E | 4304730249 | 5670   | Federal    | GW   | S    |  |
| RWU 227 (14-26B) | 26  | 070S | 230E | 4304730257 | 5670   | Federal    | OW   | TA   |  |
| RWU 228 (21-34B) | 34  | 070S | 230E | 4304730258 | 5670   | Federal    | OW   | P    |  |
| RWU 229 (43-26B) | 26  | 070S | 230E | 4304730259 | 5670   | Federal    | OW   | TA   |  |
| RWU 230 (14-18C) | 18  | 070S | 240E | 4304730309 | 5670   | Federal    | OW   | TA   |  |
| RWU 231 (21-35B) | 35  | 070S | 230E | 4304730310 | 5670   | Federal    | OW   | TA   |  |
| RWU 232 (12-26B) | 26  | 070S | 230E | 4304730311 | 5670   | Federal    | OW   | TA   |  |
| RWU 23-24A       | 24  | 070S | 220E | 4304733567 | 5670   | Federal    | OW   | P    |  |
| RWU 233 (12-25B) | 25  | 070S | 230E | 4304730312 | 5670   | Federal    | OW   | TA   |  |
| RWU 234 (32-24B) | 24  | 070S | 230E | 4304730313 | 5670   | Federal    | OW   | P    |  |
| RWU 235 (34-18C) | 18  | 070S | 240E | 4304730314 | 5670   | Federal    | OW   | P    |  |
| RWU 236 (21-19C) | 19  | 070S | 240E | 4304730340 | 5670   | Federal    | GW   | P    |  |
| RWU 237 (14-25B) | 25  | 070S | 230E | 4304730341 | 5670   | Federal    | OW   | P    |  |
| RWU 238 (32-35B) | 35  | 070S | 230E | 4304730342 | 5670   | Federal    | OW   | TA   |  |
| RWU 239 (41-35B) | 35  | 070S | 230E | 4304730343 | 5670   | Federal    | OW   | TA   |  |
| RWU 24 (34-14B)  | 14  | 070S | 230E | 4304715152 | 5670   | Federal    | OW   | P    |  |
| RWU 240 (12-36B) | 36  | 070S | 230E | 4304730344 | 5670   | Federal    | OW   | P    |  |
| RWU 241 (22-14B) | 14  | 070S | 230E | 4304730345 | 5670   | Federal    | OW   | P    |  |
| RWU 24-18B       | 18  | 070S | 230E | 4304733554 | 5670   | Federal    | OW   | P    |  |
| RWU 24-19B       | 19  | 070S | 230E | 4304733492 | 5670   | Federal    | OW   | P    |  |
| RWU 242 (42-13B) | 13  | 070S | 230E | 4304730346 | 5670   | Federal    | OW   | P    |  |
| RWU 243 (42-18C) | 18  | 070S | 240E | 4304730347 | 5670   | Federal    | OW   | TA   |  |
| RWU 244 (23-19C) | 19  | 070S | 240E | 4304730348 | 5670   | Federal    | GW   | P    |  |
| RWU 246 (22-18C) | 18  | 070S | 240E | 4304730387 | 5670   | Federal    | OW   | P    |  |
| RWU 247 (22-17C) | 17  | 070S | 240E | 4304730388 | 5670   | Federal    | GW   | P    |  |
| RWU 26 (23-22B)  | 22  | 070S | 230E | 4304715153 | 5670   | Federal    | OW   | TA   |  |
| RWU 262 (22-26B) | 26  | 070S | 230E | 4304730517 | 5670   | Federal    | GW   | TA   |  |
| RWU 265 (44-26B) | 26  | 070S | 230E | 4304730520 | 5670   | Federal    | GW   | P    |  |
| RWU 267 (32-17B) | 17  | 070S | 230E | 4304732981 | 5670   | Federal    | OW   | P    |  |
| RWU 27 (43-14B)  | 14  | 070S | 230E | 4304715154 | 5670   | Federal    | OW   | TA   |  |
| RWU 270 (22-35B) | 35  | 070S | 230E | 4304731082 | 5670   | Federal    | OW   | P    |  |
| RWU 272 (44-23B) | 23  | 070S | 230E | 4304731054 | 5670   | Federal    | GW   | P    |  |
| RWU 273 (42-27B) | 27  | 070S | 230E | 4304731051 | 5670   | Federal    | OW   | TA   |  |
| RWU 276 (44-27B) | 27  | 070S | 230E | 4304731053 | 5670   | Federal    | OW   | TA   |  |
| RWU 278 (11-26)  | 26  | 070S | 230E | 4304731076 | 5670   | Federal    | GW   | TA   |  |
| RWU 28 (43-22B)  | 22  | 070S | 230E | 4304715155 | 5670   | Federal    | OW   | P    |  |
| RWU 280 (11-35B) | 35  | 070S | 230E | 4304731079 | 5670   | Federal    | OW   | P    |  |
| RWU 282 (42-26B) | 26  | 070S | 230E | 4304731080 | 5670   | Federal    | GW   | TA   |  |
| RWU 284 (33-23B) | 23  | 070S | 230E | 4304731476 | 5670   | Federal    | GW   | TA   |  |
| RWU 285 (11-24B) | 24  | 070S | 230E | 4304731477 | 5670   | Federal    | OW   | P    |  |
| RWU 286 (42-21B) | 21  | 070S | 230E | 4304731478 | 5670   | Federal    | OW   | P    |  |
| RWU 287 (44-13B) | 13  | 070S | 230E | 4304731512 | 5670   | Federal    | OW   | TA   |  |
| RWU 288 (24-27)  | 27  | 070S | 230E | 4304731513 | 5670   | Federal    | OW   | TA   |  |
| RWU 289 (13-24B) | 24  | 070S | 230E | 4304731517 | 5670   | Federal    | OW   | P    |  |
| RWU 29 (32-23B)  | 23  | 070S | 230E | 4304715156 | 5670   | Federal    | OW   | P    |  |
| RWU 292 (42-23B) | 23  | 070S | 230E | 4304731576 | 5670   | Federal    | GW   | TA   |  |
| RWU 293 (22-22A) | 22  | 070S | 220E | 4304731581 | 5670   | Federal    | OW   | TA   |  |
| RWU 294 (24-18C) | 18  | 070S | 240E | 4304731582 | 5670   | Federal    | GW   | P    |  |
| RWU 295 (11-22B) | 22  | 070S | 230E | 4304731577 | 5670   | Federal    | GW   | TA   |  |
| RWU 296 (12-35B) | 35  | 070S | 230E | 4304731578 | 5670   | Federal    | OW   | P    |  |
| RWU 297 (24-15B) | 15  | 070S | 230E | 4304731579 | 5670   | Federal    | OW   | P    |  |
| RWU 298 (22-27B) | 27  | 070S | 230E | 4304731679 | 5670   | Federal    | OW   | TA   |  |
| RWU 299 (32-18B) | 18  | 070S | 230E | 4304733018 | 5670   | Federal    | OW   | P    |  |

## SEI (N4235) to QEP (N2460) RED WASH UNIT

| well_name           | Sec | T    | R    | api        | Entity | Lease Type | type | stat |  |
|---------------------|-----|------|------|------------|--------|------------|------|------|--|
| RWU 3 (34-23B)      | 23  | 070S | 230E | 4304715136 | 5670   | Federal    | OW   | P    |  |
| RWU 30 (23-13B)     | 13  | 070S | 230E | 4304715157 | 5670   | Federal    | GW   | TA   |  |
| RWU 301 (43-15B)    | 15  | 070S | 230E | 4304731682 | 5670   | Federal    | GW   | S    |  |
| RWU 302 (22-24B)    | 24  | 070S | 230E | 4304731683 | 5670   | Federal    | GW   | TA   |  |
| RWU 303 (34-17B)    | 17  | 070S | 230E | 4304731819 | 5670   | Federal    | OW   | P    |  |
| RWU 31 (34-22B)     | 22  | 070S | 230E | 4304715158 | 5670   | Federal    | OW   | P    |  |
| RWU 33 (14-14B)     | 14  | 070S | 230E | 4304715160 | 5670   | Federal    | GW   | TA   |  |
| RWU 35 (43-13B)     | 13  | 070S | 230E | 4304715162 | 5670   | Federal    | OW   | TA   |  |
| RWU 36 (32-13B)     | 13  | 070S | 230E | 4304715163 | 5670   | Federal    | GW   | P    |  |
| RWU 38 (14-23B)     | 23  | 070S | 230E | 4304715165 | 5670   | Federal    | OW   | P    |  |
| RWU 39 (14-24A)     | 24  | 070S | 220E | 4304715166 | 5670   | Federal    | OW   | TA   |  |
| RWU 4 (41-22B)      | 22  | 070S | 230E | 4304715137 | 5670   | Federal    | OW   | TA   |  |
| RWU 40 (21-24B)     | 24  | 070S | 230E | 4304715167 | 5670   | Federal    | OW   | TA   |  |
| RWU 41 (34-13B)     | 13  | 070S | 230E | 4304715168 | 5670   | Federal    | OW   | P    |  |
| RWU 41-24A          | 24  | 070S | 220E | 4304733769 | 5670   | Federal    | OW   | P    |  |
| RWU 41-25A          | 25  | 070S | 220E | 4304733579 | 5670   | Federal    | OW   | P    |  |
| RWU 42 (21-29C)     | 29  | 070S | 240E | 4304715169 | 5670   | Federal    | GW   | P    |  |
| RWU 42-19B          | 19  | 070S | 230E | 4304733556 | 5670   | Federal    | OW   | P    |  |
| RWU 42-20B          | 20  | 070S | 230E | 4304733490 | 5670   | Federal    | OW   | P    |  |
| RWU 42-24A          | 24  | 070S | 220E | 4304733569 | 5670   | Federal    | OW   | P    |  |
| RWU 42-25A          | 25  | 070S | 220E | 4304733580 | 5670   | Federal    | OW   | S    |  |
| RWU 42-30B          | 30  | 070S | 230E | 4304733771 | 5670   | Federal    | OW   | P    |  |
| RWU 43 (12-17B)     | 17  | 070S | 230E | 4304715170 | 5670   | Federal    | OW   | P    |  |
| RWU 44 (32-33C)     | 33  | 070S | 240E | 4304715171 | 5670   | Federal    | GW   | P    |  |
| RWU 44-18B          | 18  | 070S | 230E | 4304733594 | 5670   | Federal    | OW   | P    |  |
| RWU 44-30B          | 30  | 070S | 230E | 4304733772 | 5670   | Federal    | OW   | P    |  |
| RWU 45 (23-30B)     | 30  | 070S | 230E | 4304715172 | 5670   | Federal    | OW   | TA   |  |
| RWU 46 (41-21C)     | 21  | 070S | 240E | 4304715173 | 5670   | Federal    | GW   | TA   |  |
| RWU 49 (12-29B)     | 29  | 070S | 230E | 4304715175 | 5670   | Federal    | OW   | TA   |  |
| RWU 5 (41-23B)      | 23  | 070S | 230E | 4304715138 | 5670   | Federal    | OW   | P    |  |
| RWU 50 (14-23A)     | 23  | 070S | 220E | 4304715176 | 5670   | Federal    | OW   | P    |  |
| RWU 52 (14-18B)     | 18  | 070S | 230E | 4304715178 | 5670   | Federal    | OW   | TA   |  |
| RWU 53 (41-25A)     | 25  | 070S | 220E | 4304715179 | 5670   | Federal    | OW   | TA   |  |
| RWU 57 (12-18C)     | 18  | 070S | 240E | 4304715183 | 5670   | Federal    | OW   | P    |  |
| RWU 63 (21-22B)     | 22  | 070S | 230E | 4304715186 | 5670   | Federal    | GW   | TA   |  |
| RWU 64 (32-27B)     | 27  | 070S | 230E | 4304715187 | 5670   | Federal    | OW   | TA   |  |
| RWU 66 (34-18B)     | 18  | 070S | 230E | 4304715189 | 5670   | Federal    | OW   | P    |  |
| RWU 67 (42-22B)     | 22  | 070S | 230E | 4304715190 | 5670   | Federal    | OW   | TA   |  |
| RWU 69 (21-27B)     | 27  | 070S | 230E | 4304715191 | 5670   | Federal    | OW   | TA   |  |
| RWU 70 (23-22A)     | 22  | 070S | 220E | 4304715192 | 5670   | Federal    | OW   | P    |  |
| RWU 71 (21-18C)     | 18  | 070S | 240E | 4304715193 | 5670   | Federal    | OW   | P    |  |
| RWU 72 (23-27B)     | 27  | 070S | 230E | 4304715194 | 5670   | Federal    | OW   | TA   |  |
| RWU 74 (12-13B)     | 13  | 070S | 230E | 4304715196 | 5670   | Federal    | GW   | P    |  |
| RWU 75 (21-26B)     | 26  | 070S | 230E | 4304715197 | 5670   | Federal    | OW   | TA   |  |
| RWU 76 (32-18C)     | 18  | 070S | 240E | 4304715198 | 5670   | Federal    | GW   | S    |  |
| RWU 77 (21-13B)     | 13  | 070S | 230E | 4304715199 | 5670   | Federal    | OW   | P    |  |
| RWU 78 (32-28B)     | 28  | 070S | 230E | 4304715200 | 5670   | Federal    | OW   | P    |  |
| RWU 79 (12-27B)     | 27  | 070S | 230E | 4304715201 | 5670   | Federal    | OW   | TA   |  |
| RWU 8 (32-22B)      | 22  | 070S | 230E | 4304715139 | 5670   | Federal    | OW   | P    |  |
| RWU 80 (14-27B)     | 27  | 070S | 230E | 4304715202 | 5670   | Federal    | OW   | P    |  |
| RWU 81 (41-31B)     | 31  | 070S | 230E | 4304715203 | 5670   | Federal    | OW   | P    |  |
| RWU 83 (41-27A)     | 27  | 070S | 220E | 4304715205 | 5670   | Federal    | OW   | P    |  |
| RWU 84 (44-14B)     | 14  | 070S | 230E | 4304715206 | 5670   | Federal    | GW   | P    |  |
| RWU 9 (43-23B)      | 23  | 070S | 230E | 4304715140 | 5670   | Federal    | OW   | P    |  |
| RWU 90 (43-21B)     | 21  | 070S | 230E | 4304715211 | 5670   | Federal    | OW   | P    |  |
| RWU 92 (11-23B)     | 23  | 070S | 230E | 4304715212 | 5670   | Federal    | OW   | TA   |  |
| RWU 94 (12-22A)     | 22  | 070S | 220E | 4304715213 | 5670   | Federal    | OW   | P    |  |
| RWU 99 (12-22B)     | 22  | 070S | 230E | 4304715218 | 5670   | Federal    | OW   | P    |  |
| RED WASH UNIT 259   | 16  | 070S | 230E | 4304732785 | 5670   | State      | OW   | P    |  |
| RED WASH UNIT 260   | 16  | 070S | 230E | 4304732786 | 5670   | State      | OW   | P    |  |
| RWU 51 (12-16B)     | 16  | 070S | 230E | 4304715177 | 5670   | State      | OW   | P    |  |
| RWU ST 189 (41-16B) | 16  | 070S | 230E | 4304715292 | 5670   | State      | OW   | P    |  |
|                     |     |      |      |            |        |            |      |      |  |
| RED WASH UNIT 261   | 17  | 070S | 230E | 4304732739 | 5670   | Federal    | WI   | A    |  |
| RWU 100-A (43-21A)  | 21  | 070S | 220E | 4304715219 | 5670   | Federal    | WI   | A    |  |

## SEI (N4235) to QEP (N2460) RED WASH UNIT

| well_name        | Sec | T    | R    | api        | Entity | Lease Type | type | stat |  |
|------------------|-----|------|------|------------|--------|------------|------|------|--|
| RWU 102 (41-24A) | 24  | 070S | 220E | 4304715221 | 5670   | Federal    | WI   | A    |  |
| RWU 11           | 27  | 070S | 230E | 4304715142 | 5670   | Federal    | WI   | A    |  |
| RWU 11-19B       | 19  | 070S | 230E | 4304733552 | 5670   | Federal    | WI   | A    |  |
| RWU 11-20B       | 20  | 070S | 230E | 4304733553 | 5670   | Federal    | WI   | A    |  |
| RWU 11-25A       | 25  | 070S | 220E | 4304733574 | 5670   | Federal    | WI   | A    |  |
| RWU 11-29B       | 29  | 070S | 230E | 4304733590 | 5670   | Federal    | WI   | A    |  |
| RWU 11-30B       | 30  | 070S | 230E | 4304733785 | 5670   | Federal    | WI   | A    |  |
| RWU 12-24A       | 24  | 070S | 220E | 4304733591 | 5670   | Federal    | WI   | A    |  |
| RWU 13-19B       | 19  | 070S | 230E | 4304733497 | 5670   | Federal    | WI   | A    |  |
| RWU 13-20B       | 20  | 070S | 230E | 4304733498 | 5670   | Federal    | WI   | A    |  |
| RWU 13-25A       | 25  | 070S | 220E | 4304733575 | 5670   | Federal    | WI   | A    |  |
| RWU 14 (14-13B)  | 13  | 070S | 230E | 4304715144 | 5670   | Federal    | WI   | A    |  |
| RWU 148 (13-22B) | 22  | 070S | 230E | 4304715261 | 5670   | Federal    | WI   | A    |  |
| RWU 150 (31-22B) | 22  | 070S | 230E | 4304715263 | 5670   | Federal    | WI   | I    |  |
| RWU 156 (23-15B) | 15  | 070S | 230E | 4304715267 | 5670   | Federal    | WI   | A    |  |
| RWU 16 (43-28B)  | 28  | 070S | 230E | 4304716475 | 5670   | Federal    | WI   | I    |  |
| RWU 161 (14-20B) | 20  | 070S | 230E | 4304715271 | 5670   | Federal    | WI   | I    |  |
| RWU 17 (41-20B)  | 20  | 070S | 230E | 4304715146 | 5670   | Federal    | WI   | A    |  |
| RWU 170 (41-15B) | 15  | 070S | 230E | 4304716495 | 5670   | Federal    | WI   | I    |  |
| RWU 173 (21-21B) | 21  | 070S | 230E | 4304716496 | 5670   | Federal    | WI   | A    |  |
| RWU 174 (21-20B) | 20  | 070S | 230E | 4304715281 | 5670   | Federal    | WI   | A    |  |
| RWU 182 (14-21B) | 21  | 070S | 230E | 4304716497 | 5670   | Federal    | WI   | A    |  |
| RWU 183 (33-13B) | 13  | 070S | 230E | 4304715289 | 5670   | Federal    | WI   | A    |  |
| RWU 185 (41-1B)  | 14  | 070S | 230E | 4304716498 | 5670   | Federal    | WI   | A    |  |
| RWU 199 (43-22A) | 22  | 070S | 220E | 4304715301 | 5670   | Federal    | WI   | A    |  |
| RWU 2 (14-24B)   | 24  | 070S | 230E | 4304716472 | 5670   | Federal    | WI   | A    |  |
| RWU 202 (21-34A) | 34  | 070S | 220E | 4304715303 | 5670   | Federal    | WI   | I    |  |
| RWU 213 (41-33B) | 33  | 070S | 230E | 4304720060 | 5670   | Federal    | WD   | A    |  |
| RWU 215 (43-28A) | 28  | 070S | 220E | 4304730058 | 5670   | Federal    | WI   | A    |  |
| RWU 216 (21-27A) | 27  | 070S | 220E | 4304730103 | 5670   | Federal    | WI   | A    |  |
| RWU 23 (21-23B)  | 23  | 070S | 230E | 4304715151 | 5670   | Federal    | WI   | A    |  |
| RWU 23-18C (97)  | 18  | 070S | 240E | 4304715216 | 5670   | Federal    | WI   | I    |  |
| RWU 25 (23-23B)  | 23  | 070S | 230E | 4304716476 | 5670   | Federal    | WI   | A    |  |
| RWU 258 (34-22A) | 22  | 070S | 220E | 4304730458 | 5670   | Federal    | WI   | A    |  |
| RWU 263 (24-26B) | 26  | 070S | 230E | 4304730518 | 5670   | Federal    | WI   | I    |  |
| RWU 264 (31-35B) | 35  | 070S | 230E | 4304730519 | 5670   | Federal    | WI   | A    |  |
| RWU 266 (33-26B) | 26  | 070S | 230E | 4304730521 | 5670   | Federal    | WI   | I    |  |
| RWU 268 (43-17B) | 17  | 070S | 230E | 4304732980 | 5670   | Federal    | WI   | A    |  |
| RWU 269 (13-26B) | 26  | 070S | 230E | 4304730522 | 5670   | Federal    | WI   | I    |  |
| RWU 271 (42-35B) | 35  | 070S | 230E | 4304731081 | 5670   | Federal    | WI   | I    |  |
| RWU 275 (31-26B) | 26  | 070S | 230E | 4304731077 | 5670   | Federal    | WI   | A    |  |
| RWU 279 (11-36B) | 36  | 070S | 230E | 4304731052 | 5670   | Federal    | WI   | A    |  |
| RWU 283 (43-18B) | 18  | 070S | 230E | 4304732982 | 5670   | Federal    | WI   | A    |  |
| RWU 31-19B       | 19  | 070S | 230E | 4304733555 | 5670   | Federal    | WI   | A    |  |
| RWU 31-25A       | 25  | 070S | 220E | 4304733577 | 5670   | Federal    | WI   | A    |  |
| RWU 31-30B       | 30  | 070S | 230E | 4304733788 | 5670   | Federal    | WI   | A    |  |
| RWU 33-19B       | 19  | 070S | 230E | 4304733499 | 5670   | Federal    | WI   | A    |  |
| RWU 33-20B       | 20  | 070S | 230E | 4304733500 | 5670   | Federal    | WI   | A    |  |
| RWU 33-25A       | 25  | 070S | 220E | 4304733578 | 5670   | Federal    | WI   | A    |  |
| RWU 33-30B       | 30  | 070S | 230E | 4304733790 | 5670   | Federal    | WI   | A    |  |
| RWU 34 (23-14B)  | 14  | 070S | 230E | 4304715161 | 5670   | Federal    | WI   | A    |  |
| RWU 34-13A       | 13  | 070S | 220E | 4304733593 | 5670   | Federal    | WI   | A    |  |
| RWU 34-24A       | 24  | 070S | 220E | 4304733568 | 5670   | Federal    | WI   | A    |  |
| RWU 48 (32-19B)  | 19  | 070S | 230E | 4304715174 | 5670   | Federal    | WI   | I    |  |
| RWU 56 (41-28B)  | 28  | 070S | 230E | 4304715182 | 5670   | Federal    | WI   | A    |  |
| RWU 59 (12-24B)  | 24  | 070S | 230E | 4304716477 | 5670   | Federal    | WI   | A    |  |
| RWU 6 (41-21B)   | 21  | 070S | 230E | 4304716482 | 5670   | Federal    | WI   | A    |  |
| RWU 61 (12-27A)  | 27  | 070S | 220E | 4304716478 | 5670   | Federal    | WI   | I    |  |
| RWU 68 (41-13B)  | 13  | 070S | 230E | 4304716485 | 5670   | Federal    | WI   | I    |  |
| RWU 7 (41-27B)   | 27  | 070S | 230E | 4304716473 | 5670   | Federal    | WI   | I    |  |
| RWU 88 (23-18B)  | 18  | 070S | 230E | 4304715210 | 5670   | Federal    | WI   | A    |  |
| RWU 91 (33-22B)  | 22  | 070S | 230E | 4304716479 | 5670   | Federal    | WI   | A    |  |
| RWU 93 (43-27B)  | 27  | 070S | 230E | 4304716480 | 5670   | Federal    | WI   | I    |  |
| RWU 324 (23-16B) | 16  | 070S | 230E | 4304733084 | 5670   | State      | WI   | I    |  |



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Utah State Office  
P.O. Box 45155  
Salt Lake City, UT 84145-0155

IN REPLY REFER TO  
UT-922

June 9, 2003

QEP Uinta Basin, Inc.  
1050 17<sup>th</sup> Street, Suite 500  
Denver, Colorado 80265

Re: Red Wash Unit  
Uintah County, Utah

Gentlemen:

On May 30, 2003, we received an indenture dated February 1, 2003, whereby Shenandoah Energy, Inc. changed its name and QEP Uinta Basin, Inc. was designated as Successor Unit Operator for the Red Wash Unit, Uintah County, Utah.

This indenture was executed by all required parties and the signatory parties have complied with Sections 5 and 6 of the unit agreement. The instrument is hereby approved effective June 9, 2003. In approving this designation, the Authorized Officer neither warrants nor certifies that the designated party has obtained all required approval that would entitle it to conduct operations under Red Wash Unit Agreement.

Your nationwide (Eastern States) oil and gas bond No. B000024 will be used to cover all operations within the Red Wash Unit.

It is requested that you notify all interested parties of the name change of unit operator. Copies of the approved instruments are being distributed to the appropriate federal offices, with one copy returned herewith.

Sincerely,

/s/ Robert A. Henricks

Robert A. Henricks  
Chief, Branch of Fluid Minerals

Enclosure

bcc: Field Manager - Vernal (w/enclosure)  
SITLA  
Division of Oil, Gas & Mining  
Minerals Adjudication Group  
File - Red Wash Unit (w/enclosure)  
Agr. Sec. Chron  
Fluid Chron

UT922:TAThompson:tt:6/9/03

## OPERATOR CHANGE WORKSHEET

## ROUTING

|         |
|---------|
| 1. GLH  |
| 2. CDW  |
| 3. FILE |

Change of Operator (Well Sold)

Designation of Agent/Operator

X Operator Name Change

Merger

The operator of the well(s) listed below has changed, effective:

2/1/2003

|                                                                                                  |                                                                                                |
|--------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|
| <b>FROM:</b> (Old Operator):                                                                     | <b>TO:</b> ( New Operator):                                                                    |
| N4235-Shenandoah Energy Inc<br>11002 E 17500 S<br>Vernal, UT 84078-8526<br>Phone: (435) 781-4341 | N2460-QEP Uinta Basin Inc<br>11002 E 17500 S<br>Vernal, UT 84078-8526<br>Phone: (435) 781-4341 |

CA No.

Unit:

RED WASH

## WELL(S)

| NAME             | SEC | TWN  | RNG  | API NO     | ENTITY NO | LEASE TYPE | WELL TYPE | WELL STATUS | Confid |
|------------------|-----|------|------|------------|-----------|------------|-----------|-------------|--------|
| RWU 293 (22-22A) | 22  | 070S | 220E | 4304731581 | 5670      | Federal    | OW        | TA          |        |
| RWU 30 (23-13B)  | 13  | 070S | 230E | 4304715157 | 5670      | Federal    | GW        | TA          |        |
| RWU 35 (43-13B)  | 13  | 070S | 230E | 4304715162 | 5670      | Federal    | OW        | TA          |        |
| RWU 36 (32-13B)  | 13  | 070S | 230E | 4304715163 | 5670      | Federal    | GW        | P           |        |
| RWU 33 (14-14B)  | 14  | 070S | 230E | 4304715160 | 5670      | Federal    | GW        | TA          |        |
| RWU 297 (24-15B) | 15  | 070S | 230E | 4304731579 | 5670      | Federal    | OW        | P           |        |
| RWU 301 (43-15B) | 15  | 070S | 230E | 4304731682 | 5670      | Federal    | GW        | S           |        |
| RWU 303 (34-17B) | 17  | 070S | 230E | 4304731819 | 5670      | Federal    | OW        | P           |        |
| RWU 299 (32-18B) | 18  | 070S | 230E | 4304733018 | 5670      | Federal    | OW        | P           |        |
| RWU 295 (11-22B) | 22  | 070S | 230E | 4304731577 | 5670      | Federal    | GW        | TA          |        |
| RWU 31 (34-22B)  | 22  | 070S | 230E | 4304715158 | 5670      | Federal    | OW        | P           |        |
| RWU 29 (32-23B)  | 23  | 070S | 230E | 4304715156 | 5670      | Federal    | OW        | P           |        |
| RWU 292 (42-23B) | 23  | 070S | 230E | 4304731576 | 5670      | Federal    | GW        | TA          |        |
| RWU 3 (34-23B)   | 23  | 070S | 230E | 4304715136 | 5670      | Federal    | OW        | P           |        |
| RWU 38 (14-23B)  | 23  | 070S | 230E | 4304715165 | 5670      | Federal    | OW        | P           |        |
| RWU 289 (13-24B) | 24  | 070S | 230E | 4304731517 | 5670      | Federal    | OW        | P           |        |
| RWU 302 (22-24B) | 24  | 070S | 230E | 4304731683 | 5670      | Federal    | GW        | TA          |        |
| RWU 298 (22-27B) | 27  | 070S | 230E | 4304731679 | 5670      | Federal    | OW        | TA          |        |
| RWU 296 (12-35B) | 35  | 070S | 230E | 4304731578 | 5670      | Federal    | OW        | P           |        |
| RWU 294 (24-18C) | 18  | 070S | 240E | 4304731582 | 5670      | Federal    | GW        | P           |        |

## OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 6/2/2003
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 6/2/2003
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 6/19/2003
- Is the new operator registered in the State of Utah: YES Business Number: 5292864-0151
- If **NO**, the operator was contacted on: \_\_\_\_\_



6. (R649-9-2)Waste Management Plan has been received on:

IN PLACE

7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: 7/21/2003

8. **Federal and Indian Units:**

The BLM or BIA has approved the successor of unit operator for wells listed on: 7/21/2003

9. **Federal and Indian Communization Agreements ("CA"):**

The BLM or BIA has approved the operator for all wells listed within a CA on: n/a

10. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: n/a

**DATA ENTRY:**

1. Changes entered in the **Oil and Gas Database** on: 8/28/2003

2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 8/28/2003

3. Bond information entered in RBDMS on: n/a

4. Fee wells attached to bond in RBDMS on: n/a

**STATE WELL(S) BOND VERIFICATION:**

1. State well(s) covered by Bond Number: 965-003-032

**FEDERAL WELL(S) BOND VERIFICATION:**

1. Federal well(s) covered by Bond Number: ESB000024

**INDIAN WELL(S) BOND VERIFICATION:**

1. Indian well(s) covered by Bond Number: 799446

**FEE WELL(S) BOND VERIFICATION:**

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number 965-003-033

2. The **FORMER** operator has requested a release of liability from their bond on: n/a

The Division sent response by letter on: n/a

**LEASE INTEREST OWNER NOTIFICATION:**

3. (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: n/a

**COMMENTS:**

**JUL 07 2003**

3104 (932.34)WF  
Nationwide Bond ESB000024

**NOTICE**

QEP Uinta Basin, Inc.  
1050 17<sup>th</sup> Street Suite 500  
Denver, Colorado 80265

:  
: Oil and Gas  
: lease  
:

**Name Change Recognized**

Acceptable evidence has been filed in this office concerning the name change of Shenandoah Energy Incorporated into QEP Uinta Basin, Incorporated. QEP Uinta Basin, Incorporated is the surviving entity. This name change is recognized effective April 17, 2003.

Eastern States will notify the Minerals Management Service and all applicable Bureau of Land Management offices of the change by a copy of this notice.

If you identify other leases in which the merging entity maintain an interest, please contact this office and we will appropriately document those files with a copy of this notice.

If you have any questions, please contact Bill Forbes at 703-440-1536.

*S/ Wilbert B. Forbes*

Wilbert B. Forbes  
Land Law Examiner  
Branch of Use Authorization  
Division of Resources Planning,  
Use and Protection

bc: JFO,MMS, ES RF, 930 RF, 932.34 RF, E-932: wbf:07 /07/03:440-1536/ QEP Uinta Basin  
MFO

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
OMB No. 1004-0137  
Expires: March 31, 2007**SUNDRY NOTICES AND REPORTS ON WELLS****Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.****SUBMIT IN TRIPLICATE- Other instructions on reverse side.**1. Type of Well  
☐ Oil Well ☒ Gas Well ☐ Other2. Name of Operator **Questar Exploration and Production Inc.**3a. Address  
**11002 E. 17500 S. VERNAL, UT 84078-8526**3b. Phone No. (include area code)  
**435-781-4319**4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
**1900' FSL, 620' FEL, NESE, SECTION 15, T7S, R23E, SLBM**

5. Lease Serial No.

**UTU 081**

6. If Indian, Allottee or Tribe Name

**N/A**

7. If Unit or CA/Agreement, Name and/or No.

**Red Wash**

8. Well Name and No.

**RW 43-15B**

9. API Well No.

**43-047-31682**

10. Field and Pool, or Exploratory Area

**Red Wash**

11. County or Parish, State

**Uintah****12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

| TYPE OF SUBMISSION                                    | TYPE OF ACTION                                |                                           |                                                    |                                           |
|-------------------------------------------------------|-----------------------------------------------|-------------------------------------------|----------------------------------------------------|-------------------------------------------|
| <input type="checkbox"/> Notice of Intent             | <input type="checkbox"/> Acidize              | <input type="checkbox"/> Deepen           | <input type="checkbox"/> Production (Start/Resume) | <input type="checkbox"/> Water Shut-Off   |
| <input checked="" type="checkbox"/> Subsequent Report | <input type="checkbox"/> Alter Casing         | <input type="checkbox"/> Fracture Treat   | <input type="checkbox"/> Reclamation               | <input type="checkbox"/> Well Integrity   |
| <input type="checkbox"/> Final Abandonment Notice     | <input type="checkbox"/> Casing Repair        | <input type="checkbox"/> New Construction | <input type="checkbox"/> Recomplete                | <input checked="" type="checkbox"/> Other |
|                                                       | <input type="checkbox"/> Change Plans         | <input type="checkbox"/> Plug and Abandon | <input type="checkbox"/> Temporarily Abandon       |                                           |
|                                                       | <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Plug Back        | <input type="checkbox"/> Water Disposal            |                                           |

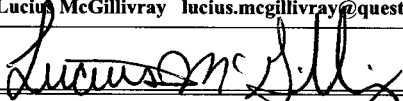
13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

**Questar Exploration and Production Company plans to plug and abandon this well. A notice of intent to plug and abandon will be sent within the next six months with the details of the work to be performed attached. This work will be done within the next two years or the third quarter of 2010, with the permission of the BLM.**

14. I hereby certify that the foregoing is true and correct  
Name (Printed/Typed)

**Lucius McGillivray lucius.mcgillivray@questar.com**Title **Associate Petroleum Engineer**

Signature



Date

**7-21-08****THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations and any matter within its jurisdiction.

(Instructions on page 2)

**AUG 13 2008****CONFIDENTIAL**

DIV. OF OIL, GAS &amp; MINING

**STATE OF UTAH**  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 3

AMENDED REPORT ☐**APPLICATION FOR PERMIT TO DRILL**

|                                                                                                                                                                      |                  |                                                                                                                                                             |                |                                                                                                                                  |              |                 |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|----------------------------------------------------------------------------------------------------------------------------------|--------------|-----------------|
| <b>2. TYPE OF WORK</b><br>DRILL NEW WELL <input type="radio"/> REENTER P&A WELL <input type="radio"/> DEEPEN WELL <input checked="" type="radio"/>                   |                  |                                                                                                                                                             |                | <b>1. WELL NAME and NUMBER</b><br>RW 43-15B                                                                                      |              |                 |
| <b>4. TYPE OF WELL</b><br>Gas Well Coalbed Methane Well: NO                                                                                                          |                  |                                                                                                                                                             |                | <b>3. FIELD OR WILDCAT</b><br>RED WASH                                                                                           |              |                 |
| <b>6. NAME OF OPERATOR</b><br>QUESTAR EXPLORATION & PRODUCTION CO                                                                                                    |                  |                                                                                                                                                             |                | <b>5. UNIT or COMMUNITIZATION AGREEMENT NAME</b><br>RED WASH                                                                     |              |                 |
| <b>8. ADDRESS OF OPERATOR</b><br>11002 East 17500 South, Vernal, UT, 84078                                                                                           |                  |                                                                                                                                                             |                | <b>7. OPERATOR PHONE</b><br>435 781-4362                                                                                         |              |                 |
| <b>10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE)</b><br>UTU-081                                                                                               |                  | <b>11. MINERAL OWNERSHIP</b><br>FEDERAL <input checked="" type="radio"/> INDIAN <input type="radio"/> STATE <input type="radio"/> FEE <input type="radio"/> |                | <b>9. OPERATOR E-MAIL</b><br>rick.canterbury@questar.com                                                                         |              |                 |
| <b>12. SURFACE OWNERSHIP</b><br>FEDERAL <input checked="" type="radio"/> INDIAN <input type="radio"/> STATE <input type="radio"/> FEE <input type="radio"/>          |                  |                                                                                                                                                             |                | <b>13. NAME OF SURFACE OWNER (if box 12 = 'fee')</b>                                                                             |              |                 |
| <b>14. SURFACE OWNER PHONE (if box 12 = 'fee')</b>                                                                                                                   |                  |                                                                                                                                                             |                | <b>15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee')</b>                                                                          |              |                 |
| <b>16. SURFACE OWNER E-MAIL (if box 12 = 'fee')</b>                                                                                                                  |                  |                                                                                                                                                             |                | <b>17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN')</b>                                                                  |              |                 |
| <b>18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS</b><br>YES <input type="radio"/> (Submit Commingling Application) NO <input checked="" type="radio"/> |                  |                                                                                                                                                             |                | <b>19. SLANT</b><br>VERTICAL <input checked="" type="radio"/> DIRECTIONAL <input type="radio"/> HORIZONTAL <input type="radio"/> |              |                 |
| <b>20. LOCATION OF WELL</b>                                                                                                                                          | <b>FOOTAGES</b>  | <b>QTR-QTR</b>                                                                                                                                              | <b>SECTION</b> | <b>TOWNSHIP</b>                                                                                                                  | <b>RANGE</b> | <b>MERIDIAN</b> |
| <b>LOCATION AT SURFACE</b>                                                                                                                                           | 1898 FSL 635 FEL | NESE                                                                                                                                                        | 15             | 7.0 S                                                                                                                            | 23.0 E       | S               |
| <b>Top of Uppermost Producing Zone</b>                                                                                                                               | 1898 FSL 635 FEL | NESE                                                                                                                                                        | 15             | 7.0 S                                                                                                                            | 23.0 E       | S               |
| <b>At Total Depth</b>                                                                                                                                                | 1898 FSL 635 FEL | NESE                                                                                                                                                        | 15             | 7.0 S                                                                                                                            | 23.0 E       | S               |
| <b>21. COUNTY</b><br>UINTAH                                                                                                                                          |                  | <b>22. DISTANCE TO NEAREST LEASE LINE (Feet)</b><br>635                                                                                                     |                | <b>23. NUMBER OF ACRES IN DRILLING UNIT</b><br>2560                                                                              |              |                 |
| <b>25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed)</b><br>2550                                                                         |                  | <b>26. PROPOSED DEPTH</b><br>MD: 11251 TVD: 11251                                                                                                           |                |                                                                                                                                  |              |                 |
| <b>27. ELEVATION - GROUND LEVEL</b><br>5605                                                                                                                          |                  | <b>28. BOND NUMBER</b><br>ESB000024                                                                                                                         |                | <b>29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE</b><br>A 36125 - 49-2153                            |              |                 |

**ATTACHMENTS****VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES**

|                                                                                                         |                                                                            |
|---------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------|
| <input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER          | <input checked="" type="checkbox"/> COMPLETE DRILLING PLAN                 |
| <input type="checkbox"/> AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)                | <input type="checkbox"/> FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER |
| <input type="checkbox"/> DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)             | <input checked="" type="checkbox"/> TOPOGRAPHICAL MAP                      |
| <b>NAME</b> Jan Nelson                                                                                  | <b>TITLE</b> Permit Agent                                                  |
| <b>SIGNATURE</b>                                                                                        | <b>PHONE</b> 435 781-4331                                                  |
| <b>API NUMBER ASSIGNED</b><br>43047316820000                                                            | <b>DATE</b> 10/15/2009                                                     |
| <b>APPROVAL</b>                                                                                         | <b>EMAIL</b> jan.nelson@questar.com                                        |
| <br>Permit Manager |                                                                            |

| Proposed Hole, Casing, and Cement |                 |             |          |             |  |  |
|-----------------------------------|-----------------|-------------|----------|-------------|--|--|
| String                            | Hole Size       | Casing Size | Top (MD) | Bottom (MD) |  |  |
| Surf                              | 12.25           | 9.625       | 0        | 490         |  |  |
| Pipe                              | Grade           | Length      | Weight   |             |  |  |
|                                   | Grade K-55 ST&C | 490         | 36.0     |             |  |  |
|                                   |                 |             |          |             |  |  |

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| Proposed Hole, Casing, and Cement |                 |             |          |             |  |  |
|-----------------------------------|-----------------|-------------|----------|-------------|--|--|
| String                            | Hole Size       | Casing Size | Top (MD) | Bottom (MD) |  |  |
| L1                                | 8.75            | 7           | 0        | 5900        |  |  |
| Pipe                              | Grade           | Length      | Weight   |             |  |  |
|                                   | Grade N-80 LT&C | 5900        | 26.0     |             |  |  |
|                                   |                 |             |          |             |  |  |

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| Proposed Hole, Casing, and Cement |                 |             |          |             |  |  |
|-----------------------------------|-----------------|-------------|----------|-------------|--|--|
| String                            | Hole Size       | Casing Size | Top (MD) | Bottom (MD) |  |  |
| Prod                              | 6.125           | 4.5         | 0        | 11251       |  |  |
| Pipe                              | Grade           | Length      | Weight   |             |  |  |
|                                   | Grade N-80 LT&C | 11251       | 13.5     |             |  |  |
|                                   |                 |             |          |             |  |  |

CONFIDENTIAL

ONSHORE OIL & GAS ORDER NO. 1  
QUESTAR EXPLORATION AND PRODUCTION COMPANY  
RW 43-15B

DRILLING PROGRAM

ONSHORE OIL & GAS ORDER NO. 1  
Approval of Operations on Onshore  
Federal Oil and Gas Leases

All lease and/or unit operations will be conducted in such a manner that full compliance is made with applicable laws, regulations (43 CFR 3100), Onshore Oil & Gas No. 1, and the approved plan of operations. The operator is fully responsible for the actions of its subcontractors. A copy of these conditions will be furnished the field representative to insure compliance.

1. **Formation Tops**

The estimated top of important geologic markers are as follows:

| <u>Formation</u> | <u>Depth, TVD &amp; MD</u> |
|------------------|----------------------------|
| Green River      | 2,996'                     |
| Mohogany         | 3,700'                     |
| Original TD      | 5,900'                     |
| Wasatch          | 6,101'                     |
| Mesaverde        | 8,341'                     |
| Sego             | 10,866'                    |
| Castlegate       | 11,201'                    |
| TD               | 11,251'                    |

2. **Anticipated Depths of Oil, Gas, Water, and Other Mineral Bearing Zones**

The estimated depths at which the top of the anticipated water, oil, gas, or other mineral bearing formations are expected to be encountered as follows:

| <u>Substance</u> | <u>Formation</u> | <u>Depth, TVD &amp; MD</u> |
|------------------|------------------|----------------------------|
| Gas              | Wasatch          | 6,101'                     |
| Gas              | Mesaverde        | 8,341'                     |
| Gas              | Sego             | 10,866'                    |
| Gas              | Castlegate       | 11,201'                    |

All fresh water and prospectively valuable minerals encountered during drilling will be recorded by depth and adequately protected. All oil and gas shows will be tested to determine commercial potential.



ONSHORE OIL & GAS ORDER NO. 1  
QUESTAR EXPLORATION AND PRODUCTION COMPANY  
RW 43-15B

All water shows and water-bearing sands will be reported to the BLM in Vernal, Utah. Copies of State of Utah form OGC-8-X are acceptable. If flows are detected, samples will be submitted to the BLM along with any water analyses conducted. Fresh water will be obtained from Wonsits Valley water right A36125 (which was filed on May 7, 1964) or Red Wash water right # 49-2153 (which was filed on March 25, 1960). It was determined by the Fish and Wildlife Service that any water right number filed before 1989 is not depleting to the Upper Colorado River System, to supply fresh water for drilling purposes. All water resulting from drilling operations will be disposed of at Red Wash Central Battery Disposal site; SWSE, Section 27, T7S, R23E or Wonsits Valley Disposal Site; SWNW, Section 12, T8S, R21E.

**3. Operator's Specification for Pressure Control Equipment**

- A. 7 1/16" or 11" as available 5000 psi double ram with blind rams and pipe rams, annular preventer and drilling spool or BOP with 2 side outlets.
- B. All BOP connection subject to pressure shall be flanged, welded or clamped.
- C. Kill line (2" min), 2 choke line valves (3" min), choke line (3" min), 2 kill line valves (2" min) and a check valve, 2 chokes with one remotely controlled from rig floor and a pressure gauge on choke manifold.
- D. Upper and Lower Kelly cock valves with handles and safety valve and subs to fit all drill string connections.
- E. IBOP or float sub available.
- F. Fill up line must be installed above the uppermost preventer.
- G. Ram type preventers and associated equipment shall be tested to approved stack working pressure if isolated by test plug or to 50 percent of internal yield pressure of casing whichever is less. BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc..., for a 5M system and individual components shall be operable as designed.

ONSHORE OIL & GAS ORDER NO. 1  
QUESTAR EXPLORATION AND PRODUCTION COMPANY  
RW 43-15B

**4. Casing Design:**

| Hole Size | Csg. Size | Top (MD) | Bottom (MD) | Wt.         | Grade         | Thread | Cond.    | Expected MW(ppg) |
|-----------|-----------|----------|-------------|-------------|---------------|--------|----------|------------------|
| 12 ¼"     | 9 5/8"    | sfc      | 490'        | 36#         | K-55          | STC    | Existing | N/A              |
| 8 ¾"      | 7"        | sfc      | 5,900'      | 23#/<br>26# | K-55/<br>N-80 | LTC    | Existing | N/A              |
| 6 1/8"    | 4 1/2"    | sfc      | 11,251'     | 13.5#       | N-80          | LTC    | New      | 8.8 – 9.6        |

| Casing Strengths: |       |      |     | Collapse  | Burst     | Tensile (min) |
|-------------------|-------|------|-----|-----------|-----------|---------------|
| 9 5/8"            | 36#   | K-55 | STC | 2,020 psi | 3,520 psi | 423,000 lb.   |
| 7"                | 23#   | K-55 | LTC | 3,270 psi | 4,360 psi | 341,000 lb.   |
| 4 1/2"            | 13.5# | N-80 | LTC | 8,540 psi | 9,020 psi | 270,000 lb.   |

**Casing Design Factors**

Burst: 1.4

Collapse: 1.3

Tension: 1.4

Maximum anticipated mud weight: 11 ppg (RW 34-34AD)

Anticipated Frac Pressure: 4,500 psi

**5. Cementing Program**

**4-1/2" Production Casing: sfc – 11,251'(MD)\***

**Lead Slurry:** 3,000 – 6,101'. 130 sks (336 ft<sup>3</sup>) Halliburton Light Premium, 0.2% WG-17 (Gelling Agent), 0.2% CFR-3 (Dispersant), 0.2% HR-5 (Retarder) Slurry Weight 11.5 lb/gal, 2.57 ft<sup>3</sup>/sk, 0% excess

**Tail Slurry:** 6,101' – 11,251'. 400sks (678ft<sup>3</sup>) 50/50 Poz Premium Cement, 3 lb/sk Silicalite (Light Weight Additive), 0.2% Super CBL (Expander), 0.3% HR-5 (Retarder), 0.5% Halad-344 (Fluid Loss Control), 20% SSA-1 (Fluid Loss Control), 0.3% CFR-3 (Dispersant), Slurry Weight 13.5 lb/gal, 1.70 ft<sup>3</sup>/sk, 25% excess over open hole portion

\*Final cement volumes to be calculated from caliper log and will attempt to pump cement to 3,000'.

ONSHORE OIL & GAS ORDER NO. 1  
QUESTAR EXPLORATION AND PRODUCTION COMPANY  
RW 43-15B

6. **Auxiliary Equipment**

- A. Kelly Cock – yes
- B. Float at the bit – yes
- C. Monitoring equipment on the mud system – PVT/Flow Show
- D. Full opening safety valve on the rig floor – yes
- E. Drilling below the 7" casing will be done with water based mud. Maximum anticipated mud weight is 11 ppg.
- F. No minimum quantity of weight material will be required to be kept on location.
- G. Gas detector will be used from intermediate casing depth to TD.

7. **Testing, logging and coring program**

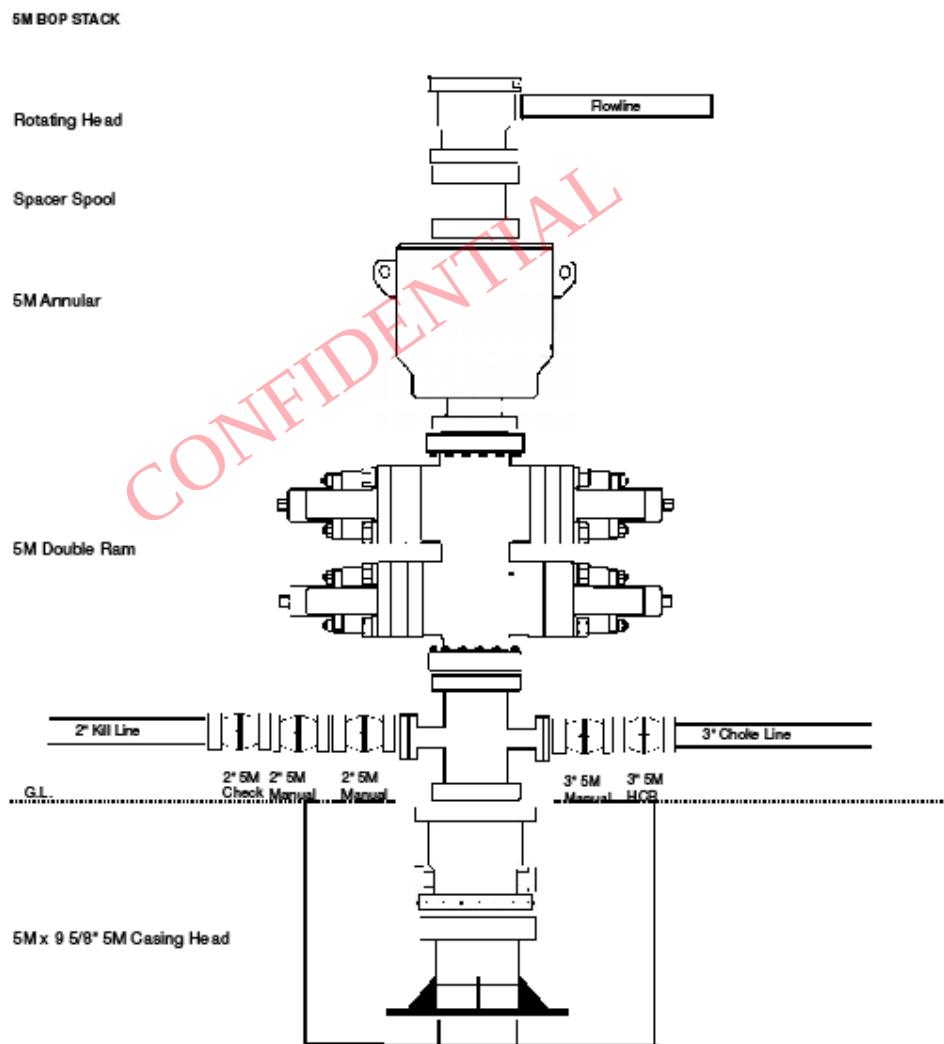
- A. Cores – none.
- B. DST – none anticipated
- C. Logging – Mud logging – Surface Casing to TD  
GR-SP-Induction, Neutron Density.
- D. Formation and Completion Interval:  
– Stimulation will be designed for the particular area of interest as encountered.

8. **Anticipated Abnormal Pressures and Temperatures, Other Potential Hazards**

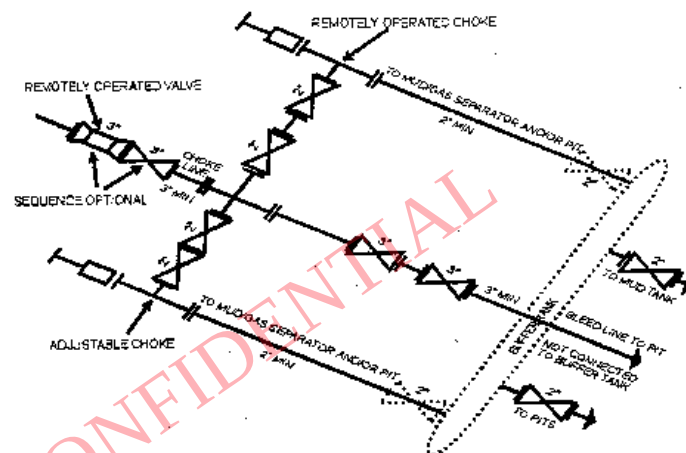
No abnormal temperatures or pressures are anticipated. Maximum anticipated bottom hole pressure equals approximately 6,738 psi. Maximum anticipated bottom hole temperature is 210° F.

H2S has not been encountered in other wells drilled to similar depths in the general area.

ONSHORE OIL & GAS ORDER NO. 1  
QUESTAR EXPLORATION AND PRODUCTION COMPANY  
RW 43-15B



ONSHORE OIL & GAS ORDER NO. 1  
QUESTAR EXPLORATION AND PRODUCTION COMPANY  
RW 43-15B



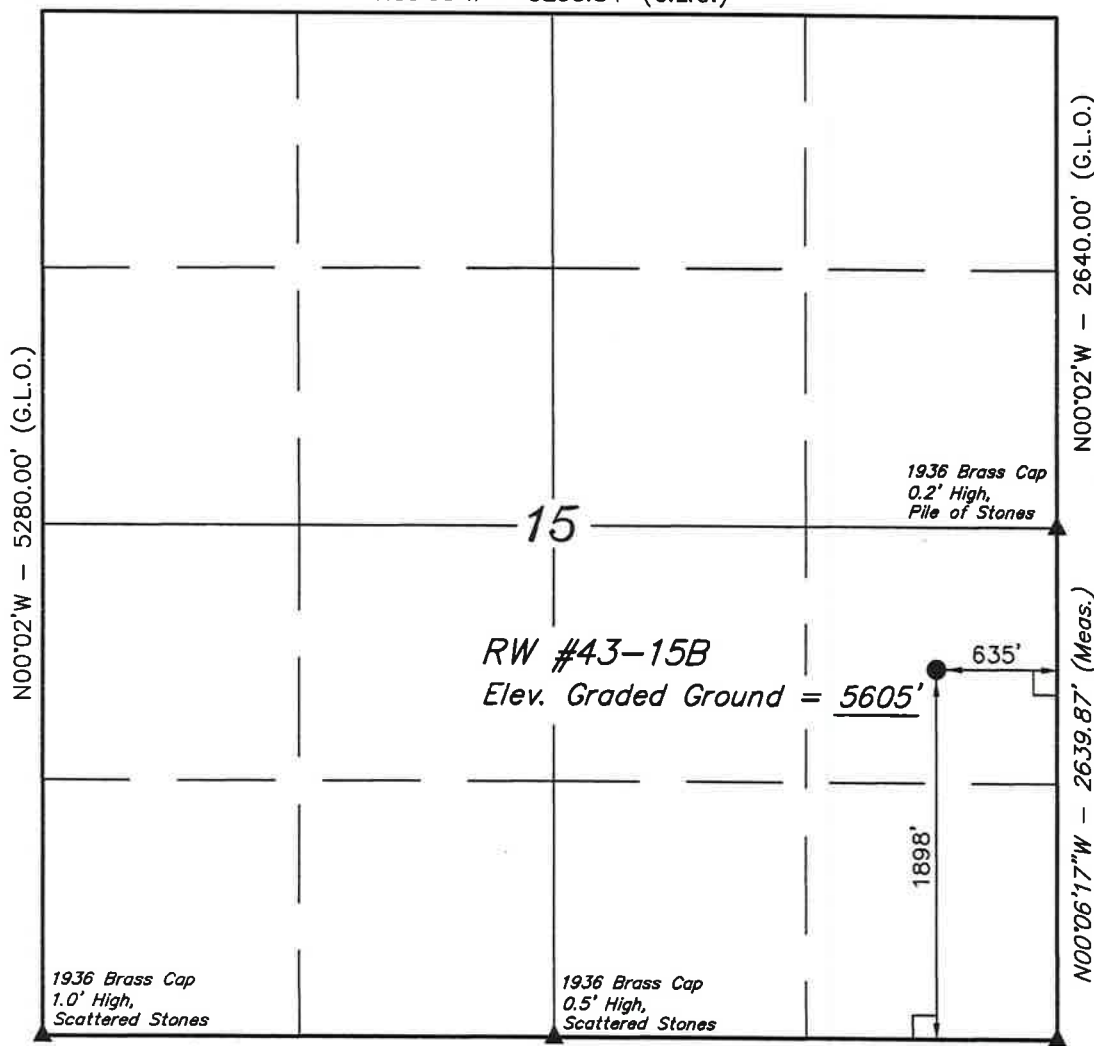
5M CHOKe MANIFOLD EQUIPMENT - CONFIGURATION OF CHOKES MAY VARY

Although not required for any of the choke manifold systems, buffer tanks are sometimes installed downstream of the choke assemblies for the purpose of manifolding the bleed lines together. When buffer tanks are employed, valves shall be installed upstream to isolate a failure or malfunction without interrupting flow control. Though not shown on 2M, 3M, 10M, OR 15M drawings, it would also be applicable to these situations.

[54 FR 39523, Sept. 27, 1989]

T7S, R23E, S.L.B.&M.

N89°59'W - 5295.84' (G.L.O.)



**LEGEND:**

└─ = 90° SYMBOL

● = PROPOSED WELL HEAD.

▲ = SECTION CORNERS LOCATED.

(NAD 83)

LATITUDE = 40°12'26.96" (40.207489)

LONGITUDE = 109°18'21.75" (109.306042)

(NAD 27)

LATITUDE = 40°12'27.09" (40.207525)

LONGITUDE = 109°18'19.30" (109.305361)

**QUESTAR EXPLR. & PROD.**

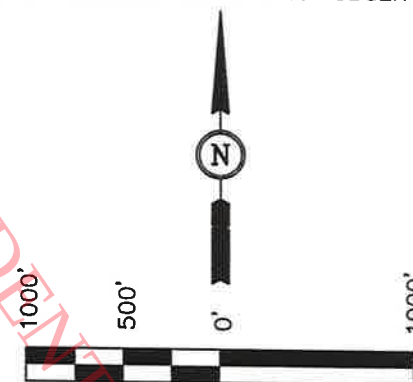
Well location, RW #43-15B, located as shown in the NE 1/4 SE 1/4 of Section 15, T7S, R23E, S.L.B.&M., Uintah County, Utah

**BASIS OF ELEVATION**

BENCH MARK 20EAM LOCATED IN THE SE 1/4 OF SECTION 35, T8S, R21E, S.L.B.&M. TAKEN FROM THE OURAY SE, QUADRANGLE, UTAH, UTAH COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 4697 FEET.

**BASIS OF BEARINGS**

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.



**SCALE**

**CERTIFICATE**

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

*John H. H.*  
REGISTRATION NO. 161319  
REGISTERED LAND SURVEYOR  
STATE OF UTAH

**UINTAH ENGINEERING & LAND SURVEYING**

85 SOUTH 200 EAST - VERNAL, UTAH 84078

(435) 789-1017

|                         |                                |                         |
|-------------------------|--------------------------------|-------------------------|
| SCALE<br>1" = 1000'     | DATE SURVEYED:<br>08-27-09     | DATE DRAWN:<br>08-27-09 |
| PARTY<br>M.A. G.S. S.L. | REFERENCES<br>G.L.O. PLAT      |                         |
| WEATHER<br>HOT          | FILE<br>QUESTAR EXPLR. & PROD. |                         |



# QUESTAR EXPLR. & PROD.

**RW #43-15B**

LOCATED IN UINTAH COUNTY, UTAH  
SECTION 15, T7S, R23E, S.L.B.&M.

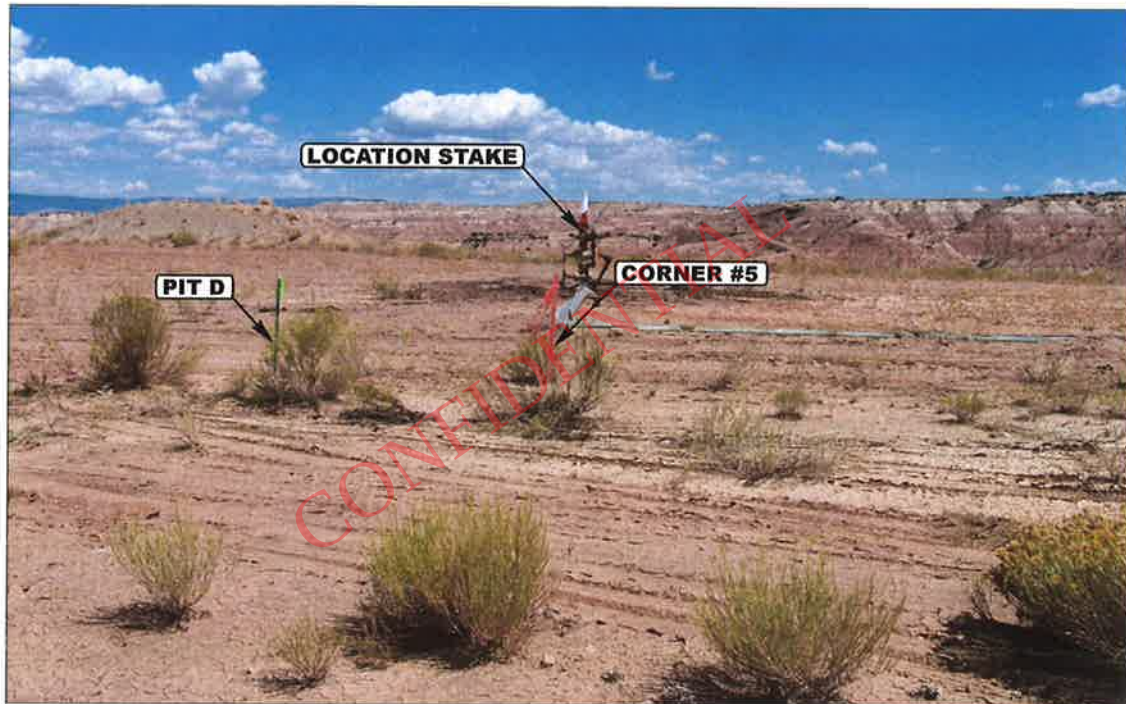


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: EASTERLY



PHOTO: VIEW OF EXISTING ACCESS

CAMERA ANGLE: NORTHERLY



- Since 1964 -

**UELS** Uintah Engineering & Land Surveying  
85 South 200 East Vernal, Utah 84078  
(435) 789-1017 \* FAX (435) 789-1813

**LOCATION PHOTOS**

**09 09 09**  
MONTH DAY YEAR

**PHOTO**

TAKEN BY: G.S.

DRAWN BY: J.H.

REVISED: 00-00-00







X-Section  
Scale  
1" = 40'  
1" = 100'  
DATE: 08-28-09  
DRAWN BY: S.L.

# QUESTAR EXPLR. & PROD.

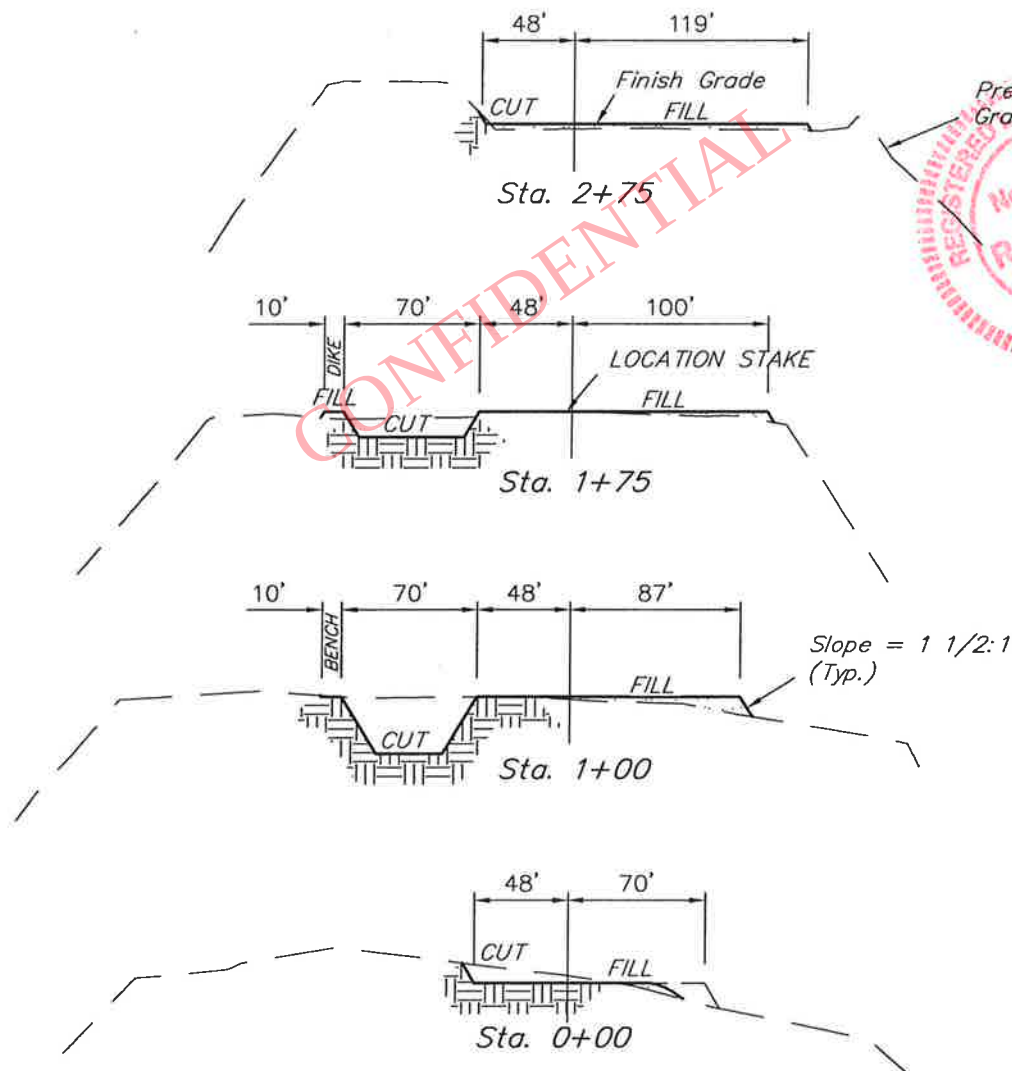
## TYPICAL CROSS SECTION FOR

RW #43-15B

SECTION 15, T7S, R23E, S.L.B.&M.

1898' FSL 635' FEL

FIGURE #2



### APPROXIMATE ACREAGES

EXISTING WELL SITE DISTURBANCE = ± 1.150 ACRES  
PROPOSED WELL SITE DISTURBANCE = ± 0.553 ACRES  
TOTAL = ± 1.703 ACRES

\* NOTE:  
FILL QUANTITY INCLUDES  
5% FOR COMPACTION

### APPROXIMATE YARDAGES

(6") Topsoil Stripping = 290 Cu. Yds.  
(New Construction Only)  
Remaining Location = 3,460 Cu. Yds.  
TOTAL CUT = 3,750 CU.YDS.  
FILL = 1,910 CU.YDS.

EXCESS MATERIAL = 1,840 Cu. Yds.  
Topsoil & Pit Backfill = 1,840 Cu. Yds.  
(1/2 Pit Vol.)  
DEFICIT UNBALANCE = 0 Cu. Yds.  
(After Interim Rehabilitation)

UINTAH ENGINEERING & LAND SURVEYING  
85 So. 200 East \* Vernal, Utah 84078 \* (435) 789-1017

# QUESTAR EXPLR. & PROD.

TYPICAL RIG LAYOUT FOR

RW #43-15B

SECTION 15, T7S, R23E, S.L.B.&M.

1898' FSL 635' FEL

FIGURE #3

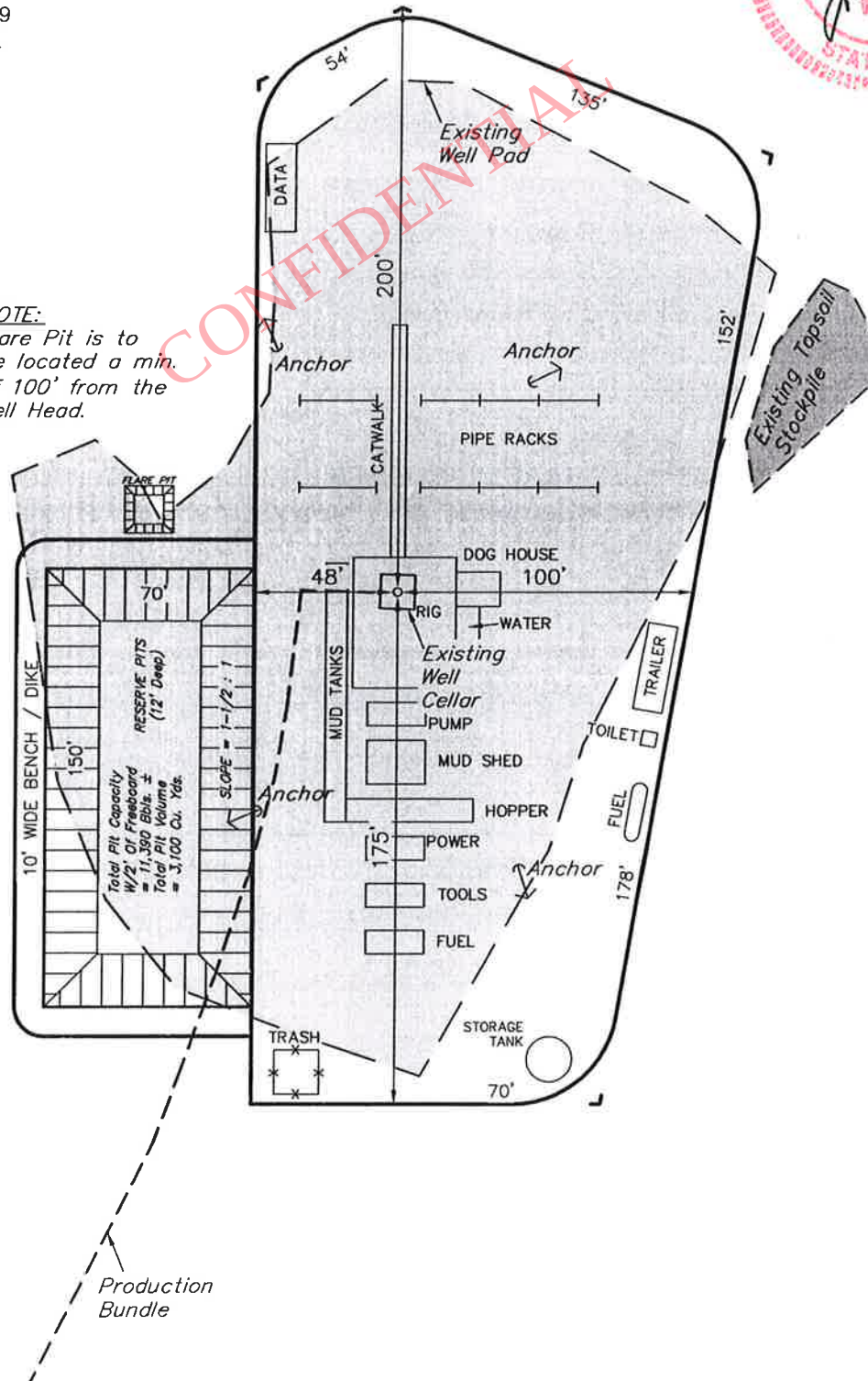


SCALE: 1" = 60'  
DATE: 08-28-09  
DRAWN BY: S.L.



**NOTE:**

Flare Pit is to be located a min. of 100' from the Well Head.



QUESTAR EXPLR. & PROD.  
RW #43-15B  
SECTION 15, T7S, R23E, S.L.B.&M.

PROCEED IN AN EASTERLY, THEN SOUTHERLY DIRECTION FROM VERNAL, UTAH ALONG U.S. HIGHWAY 40 APPROXIMATELY 3.9 MILES TO THE JUNCTION OF STATE HIGHWAY 45; EXIT RIGHT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 17.1 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE EAST; TURN LEFT AND PROCEED IN AN EASTERLY DIRECTION APPROXIMATELY 2.7 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTH; TURN LEFT AND PROCEED IN A NORTHERLY DIRECTION APPROXIMATELY 0.4 MILES TO THE EXISTING RW#34-15B AND AN EXISTING ROAD TO THE NORTHEAST; TURN RIGHT AND PROCEED IN A NORTHEASTERLY DIRECTION APPROXIMATELY 0.3 MILES TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 24.4 MILES.



⊙ PROPOSED LOCATION

**QUESTAR EXPLR. & PROD.**

RW #43-15B  
SECTION 15, T7S, R23E, S.L.B.&M.  
1898' FSL 635' FEL



**Utah Engineering & Land Surveying**  
85 South 200 East Vernal, Utah 84078  
(435) 789-1017 \* FAX (435) 789-1813

TOPOGRAPHIC  
MAP

|       |     |      |
|-------|-----|------|
| 09    | 09  | 09   |
| MONTH | DAY | YEAR |

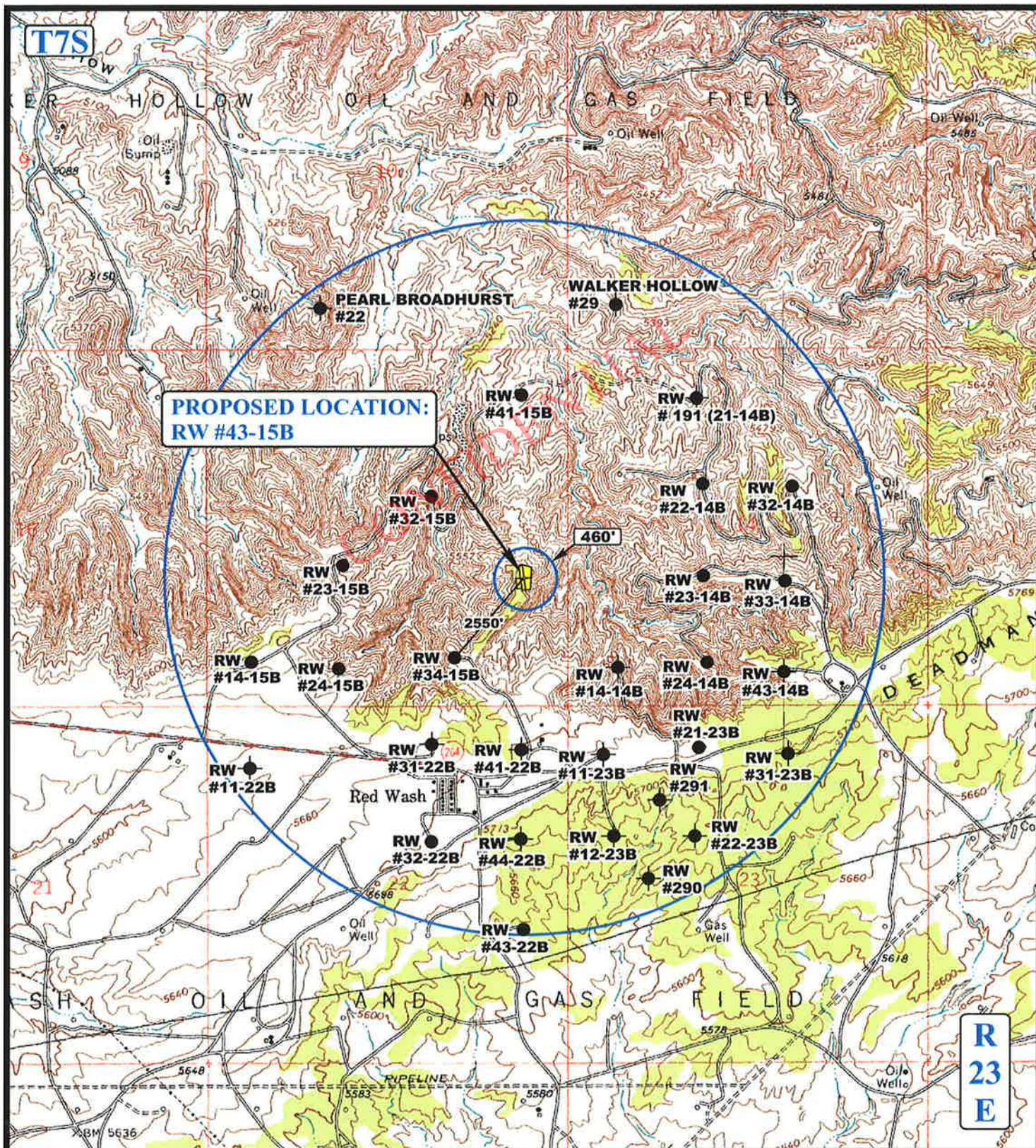


|                  |                |                   |
|------------------|----------------|-------------------|
| SCALE: 1:100,000 | DRAWN BY: J.H. | REVISED: 00-00-00 |
|------------------|----------------|-------------------|



**В**  
**ГОРО**





**LEGEND:**

- |                   |                         |
|-------------------|-------------------------|
| ○ DISPOSAL WELLS  | ○ WATER WELLS           |
| ● PRODUCING WELLS | ● ABANDONED WELLS       |
| ● SHUT IN WELLS   | ● TEMPORARILY ABANDONED |

**QUESTAR EXPLR. & PROD.**

**RW #43-15B**  
**SECTION 15, T7S, R23E, S.L.B.&M.**  
**1898' FSL 635' FEL**



**Uintah Engineering & Land Surveying**  
 85 South 200 East Vernal, Utah 84078  
 (435) 789-1017 \* FAX (435) 789-1813



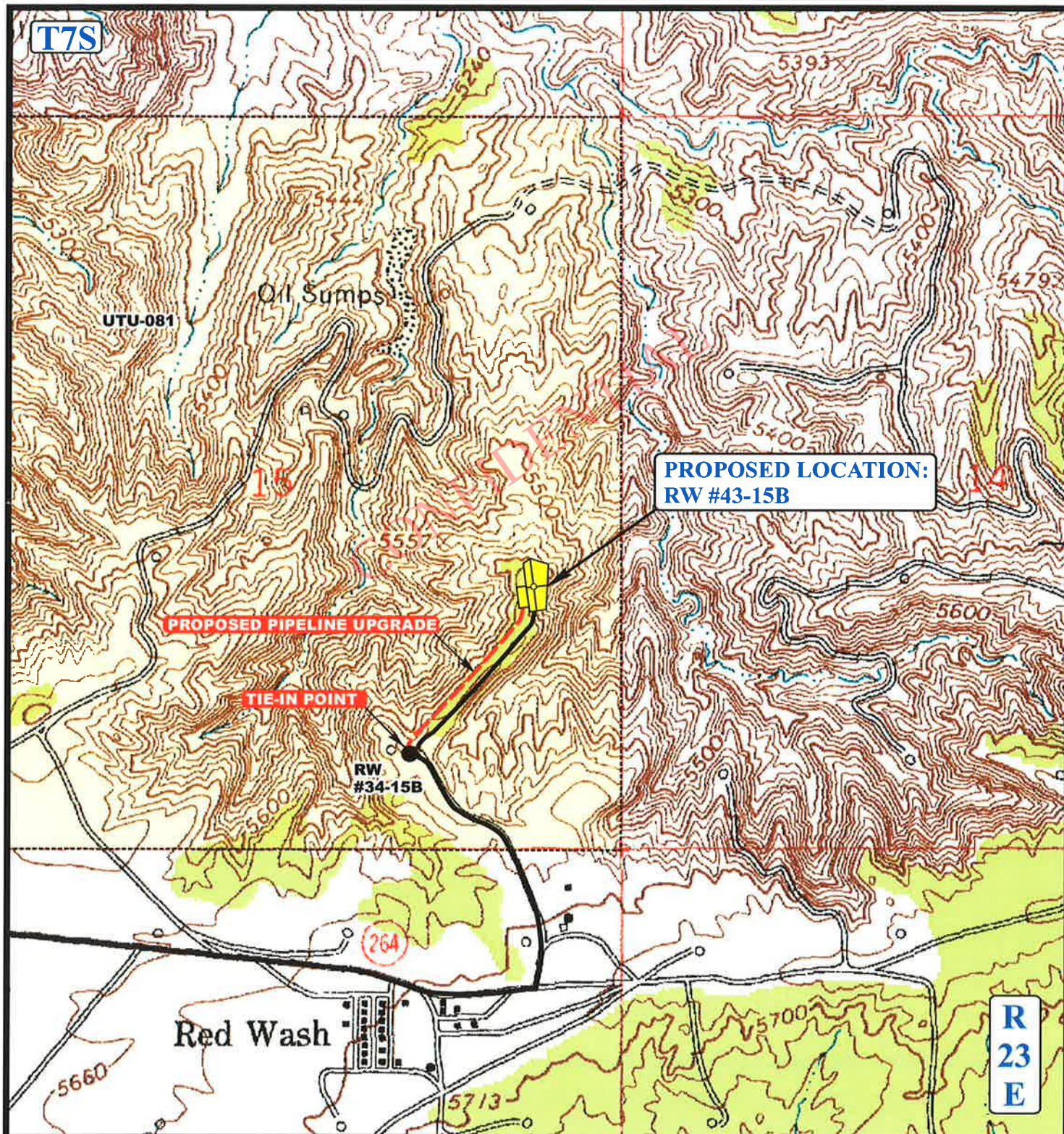
**TOPOGRAPHIC**  
**MAP**

**09 09 09**  
 MONTH DAY YEAR

SCALE: 1" = 2000' DRAWN BY: J.H. REVISED: 00-00-00







APPROXIMATE TOTAL PIPELINE UPGRADE DISTANCE = 1,281' +/-

**LEGEND:**

- EXISTING ROAD
- EXISTING PIPELINE
- - - PROPOSED PIPELINE

**QUESTAR EXPLR. & PROD.**

RW #43-15B  
SECTION 15, T7S, R23E, S.L.B.&M.  
1898' FSL 635' FEL



**Uintah Engineering & Land Surveying**  
85 South 200 East Vernal, Utah 84078  
(435) 789-1017 \* FAX (435) 789-1813

**TOPOGRAPHIC  
MAP**

**09 09 09**  
MONTH DAY YEAR

SCALE: 1" = 1000' DRAWN BY: J.H. REVISED: 00-00-00





# QUESTAR EXPLR. & PROD.

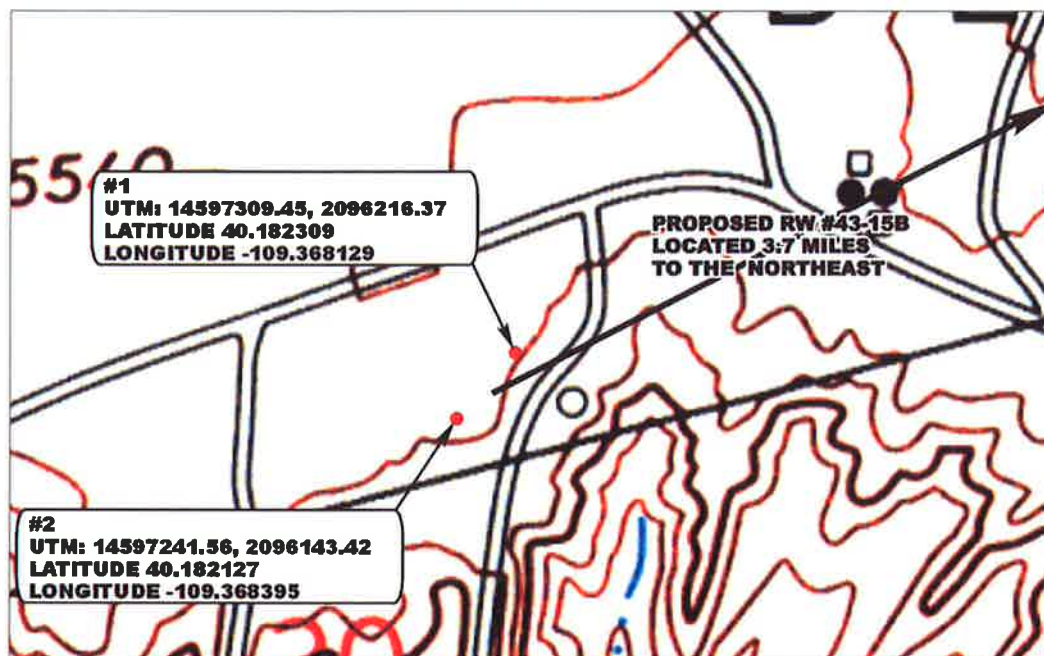
**RW #43-15B**

LOCATED IN UINTAH COUNTY, UTAH  
SECTION 15, T7S, R23E, S.L.B.&M.



PHOTO: VIEW FROM REFERENCE POINT #1 TO POINT #2

CAMERA ANGLE: SOUTHWESTERLY



TOPOGRAPHIC MAP OF LOCATION

SCALE: 1"= 200'



**U  
E  
L  
S**

Uintah Engineering & Land Surveying

85 South 200 East Vernal, Utah 84078  
(435) 789-1017 \* FAX (435) 789-1813

REFERENCE AREA MAP

10 02 09  
MONTH DAY YEAR

REF.

TAKEN BY: M.A.

DRAWN BY: J.H.

REVISED: 00-00-00



RW 43-15B  
API# 43-047-31682  
NESE Sec 15 T7S R23E  
Uintah County, Utah  
KB  
GL 5,605'  
Original Spud 1986

Perfs:

4566-76'

4597-4602'

4635-41'

Squeezed

4673-82'

4791-4804'

Squeezed

4922-27'

4958-62'

5090-94'

5097-5104'

5114-21'

5128-32'

5160-64'

5212-18'

5406-14'

5506-10'

5540-46'

5602-09'

Squeezed

CONFIDENTIAL

9 7/8" 36# K-55

Set @ 490'

7" 23# 26# K-55/N-80 Set @ 5,900'

6 1/8" OH

4 1/2" 13.5# N-80

11,251' TD

# QUESTAR EXPLORATION AND PRODUCTION

## RW 43-15B Drilling Prog

API: 43-047-16820

### Summarized Re-Entry Procedure

1. Rig down pumping unit, clear location of all unnecessary equipment.
2. MIRU pulling unit.
3. ND tubing head, NU BOP's (5M).
4. Kill well if necessary.
5. Pull rods out of hole.
6. Unseat tubing anchor and POOH with tubing.
7. Mill CIBP at 5,075'.
8. PU bit and 7" casing scraper, RIH to ~5,900' and tag bottom.
9. Roll hole with hot oiler, TOO H with bit and scraper.
10. Squeeze existing open perms and pressure test.
11. ND BOP's
12. RD pulling unit, move off location.
13. MIRU drilling rig.
14. NU rig's 5,000 WP rated BOP.
15. Drill out shoe and down to 11,251' TVD.
16. TOO H, and rig up logging truck.
17. Log well.
18. Circulate and condition hole, TOO H, LDDP.
19. RU casing crew and run 4 ½" casing.
20. RU cement crew and cement casing.
21. ND BOP's.
22. RDMOL.

QUESTAR EXPLORATION & PRODUCTION, CO.  
RW 43-15B  
1898' FSL 635' FEL  
NESE, SECTION 15, T7S, R23E  
UINTAH COUNTY, UTAH  
LEASE # UTU-081

ONSHORE ORDER NO. 1

MULTI – POINT SURFACE USE & OPERATIONS PLAN

An onsite inspection was conducted for the RW 43-15B on September 30, 2009. Weather conditions were cold and windy at the time of the onsite. In attendance at the inspection were the following individuals:

|                     |                                       |
|---------------------|---------------------------------------|
| Holly Villa         | Bureau of Land Management             |
| Dixie Sadlier       | Bureau of Land Management             |
| Steve Strong        | Bureau of Land Management             |
| Jan Nelson          | Questar Exploration & Production, Co. |
| Stephanie Tomkinson | Questar Exploration & Production, Co. |
| McCoy Anderson      | Uintah Engineering & Land Surveying   |

1. **Existing Roads:**

The proposed well site is approximately 23 miles South of Vernal, Utah.

Refer to Topo Maps A and B for location of access roads within a 2 – mile radius.

All existing roads will be maintained and kept in good repair during all phases of operation.

2. **Planned Access Roads:**

Please refer to Questar Exploration & Production Company Greater Deadmen Bench EIS UT-080-2003-0369V Record of Decision dated March 31, 2008.

Refer to Topo Map B for the location of the proposed access road.

No new access road is proposed. The access to be used is the access to the existing RW 43-15B location. Graveling or capping the roadbed will be preformed as necessary to provide a well constructed safe road.

3. **Location of Existing Wells Within a 1 – Mile Radius:**

Please refer to Topo Map C.

4. **Location of Existing & Proposed Facilities:**

Please refer to Questar Exploration & Production Company Greater Deadmen Bench EIS UT-080-2003-0369V Record of Decision dated March 31, 2008.

Refer to Topo Map D for the location of the proposed pipeline.

All existing pipelines and equipment will be moved off location before any construction begins.

Pipeline will be 6" or smaller.

It was determined on the onsite by the BLM VFO AO that the facilities will be painted Carlsbad Canyon.

**5. Location and Type of Water Supply:**

Please refer to Questar Exploration & Production Company Greater Deadmen Bench EIS UT-080-2003-0369V Record of Decision dated March 31, 2008.

Water for drilling purposes would be obtained from Wonsits Valley Water Right # A 36125 (which was filed on May 7, 1964) or Red Wash Water Right # 49-2153 (which was filed on March 25, 1960). It was determined by the Fish and Wildlife Service that any water right number filed before 1989 is not depleting to the Upper Colorado River System.

**6. Source of Construction Materials:**

Please refer to Questar Exploration & Production Company Greater Deadmen Bench EIS UT-080-2003-0369V Record of Decision dated March 31, 2008.

**7. Methods of Handling Waste Materials:**

Please refer to Questar Exploration & Production Company Greater Deadmen Bench EIS UT-080-2003-0369V Record of Decision dated March 31, 2008.

**8. Ancillary Facilities:**

Please refer to Questar Exploration & Production Company Greater Deadmen Bench EIS UT-080-2003-0369V Record of Decision dated March 31, 2008.

**9. Well Site Layout: (See Location Layout Diagram)**

The attached Location Layout Diagram describes drill pad cross-sections, cuts and fills and locations of the mud tanks, reserve pit, flare pit, pipe racks, trailer parking, spoil dirt stockpile(s), and surface material stockpile(s).

Please see the attached diagram to describe rig orientation, parking areas, and access roads.

A pit liner is required. A felt pit liner will be required if bedrock is encountered.

**10. Plans for Reclamation of the Surface:**

Please refer to Questar Exploration & Production Company Uinta Basin Division Reclamation Plan

**Site Specific Procedures:**

**Dirt Work**

Once the reserve pit is dry, it will be backfilled with spoil dirt.  
Location will be recontoured to blend with original contours and adjacent topography.  
Location will be ripped to relieve compaction.  
Topsoil will be spread to the appropriate, uniform depth.  
Drainage will be established as appropriate.

**Seeding**

Topsoil will be disced, subsoil will not be disturbed.  
Location will be drill seeded with seed mix 2009 B at a rate of 21 PLS lbs per acre.  
Certified weed free straw will be crimped in.

**11. Surface Ownership:**

Bureau of Land Management  
170 South 500 East  
Vernal, Utah 84078  
(435) 781-4400

**12. Other Information**

A Class III archaeological survey was conducted by Montgomery Archaeology Consultants. A copy of this report was submitted on September 25, 2009, **Moac Report No. 09-138** by Montgomery Archaeology Consultants. Cultural resource clearance was recommended for this location.

A Class III paleontological survey was conducted by Intermountain Paleo Consulting. A copy of this report was submitted on September 23, 2009, **IPC # 09-145** by Stephen D. Sandau.

The inspection resulted in the location of no fossil resources. However, if vertebrate fossil(s) are found during construction a paleontologist should be immediately notified. QEP will provide paleo monitor if needed.

It was determined and agreed upon that there is 6" inches of top soil.

**Lessee's or Operator's Representative & Certification:**

Jan Nelson  
Permit Agent  
Questar Exploration & Production Company  
11002 East 17500 South  
Vernal, UT 84078  
(435) 781-4331

Certification: All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approved Plan of Operations, and any applicable Notice to Lessees.

The Operator will be fully responsible for the actions of its subcontractors. A complete copy of the approved "Application for Permit to Drill" will be furnished to the field representative(s) to ensure compliance and shall be on location during all construction and drilling operations.

Questar Exploration & Production Company is considered to be the operator of the subject well. Questar Exploration & Production Company agrees to be responsible under terms and conditions of the lease for the operations conducted upon leased lands.

Bond coverage pursuant to 43 CFR 3104.2 for lease activities is being provided by Bond No. ESB000024.

I hereby certify that I, or persons under my supervision, have inspected the proposed drill site and access route, that I am familiar with the conditions that currently exist; that I have full knowledge of the State and Federal laws applicable to this operations; that the statements made in this plan are, to the best of my knowledge, true and correct; and the work associated with the operations proposed herein will be performed in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

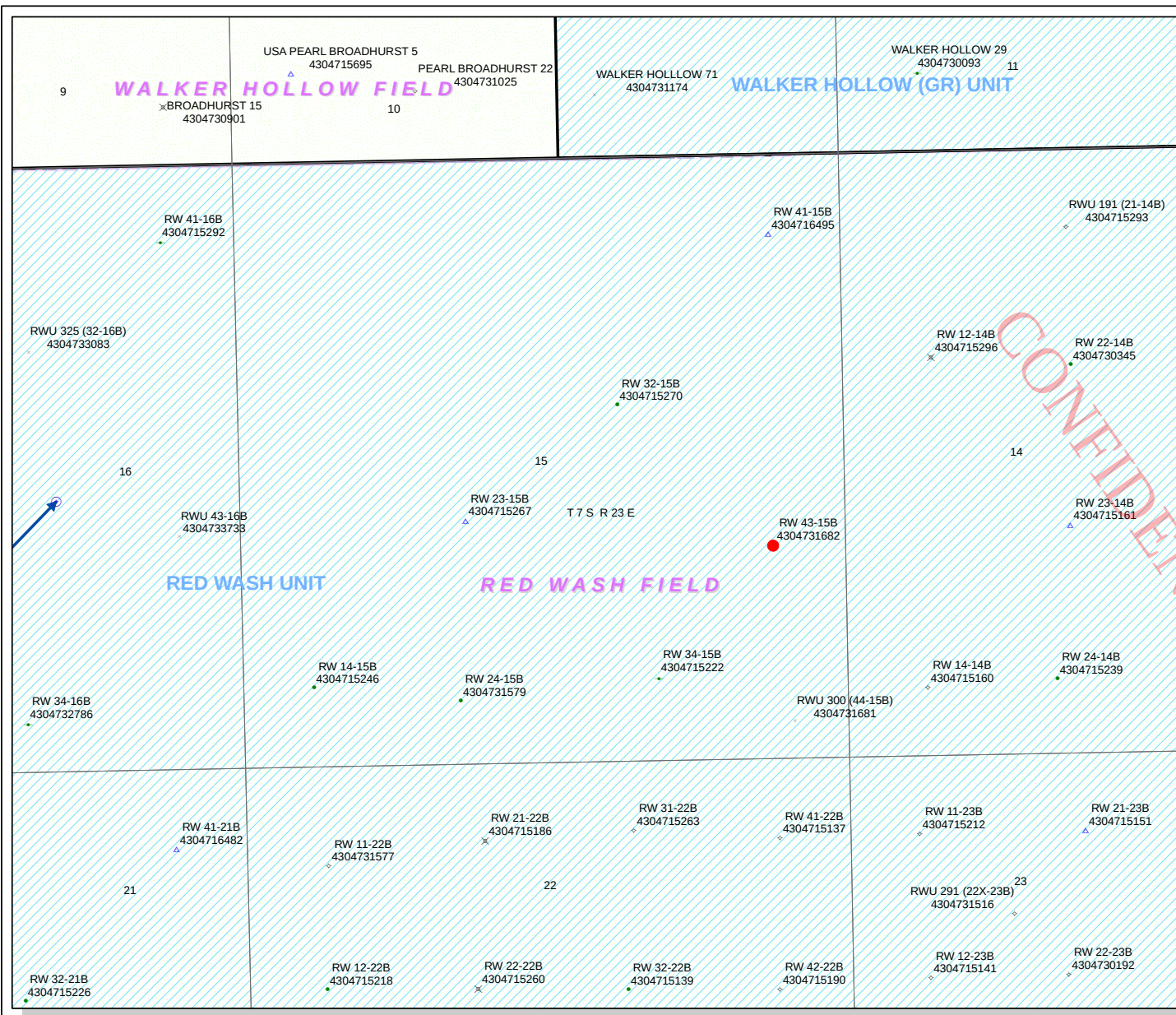
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Jan Nelson  
Jan Nelson

---

10/15/2009  
Date

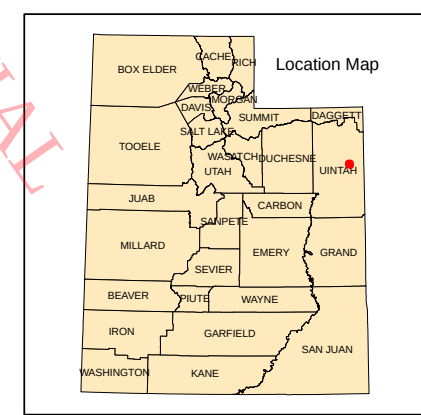




**API Number: 4304731682**  
**Well Name: RW 43-15B**  
**Township 07.0 S Range 23.0 E Section 15**  
**Meridian: SLBM**  
**Operator: QUESTAR EXPLORATION & PROD**

Map Prepared:  
 Map Produced by Diana Mason

- ✂ GAS INJECTION
  - GAS STORAGE
  - ✕ LOCATION ABANDONED
  - ⊕ NEW LOCATION
  - ◇ PLUGGED & ABANDONED
  - ★ PRODUCING GAS
  - PRODUCING OIL
  - ◇ SHUT-IN GAS
  - ✚ SHUT-IN OIL
  - ✕ TEMP. ABANDONED
  - TEST WELL
  - △ WATER INJECTION
  - ⚡ WATER SUPPLY
  - ⚡ WATER DISPOSAL
- Units
  - Spacing Index
  - ACTIVE FIELD
  - COMBINED FIELD



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Utah State Office  
P.O. Box 45155  
Salt Lake City, Utah 84145-0155

IN REPLY REFER TO:

3160  
(UT-922)

October 19, 2009

Memorandum

To: Assistant District Manager Minerals, Vernal District  
From: Michael Coulthard, Petroleum Engineer  
Subject: 2009 Plan of Development Red Wash Unit,  
Uintah County, Utah.

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following wells are planned for re-entry to the top of the Castlegate Formation. The work is planned for calendar year 2009 within the Red Wash Unit, Uintah County, Utah.

| API # | WELL NAME | LOCATION |
|-------|-----------|----------|
|-------|-----------|----------|

(Proposed PZ MESAVERDE)

|              |                                              |  |
|--------------|----------------------------------------------|--|
| 43-047-15237 | RW 23-28B Sec 28 T07S R23E 1992 FSL 2018 FWL |  |
| 43-047-15260 | RW 22-22B Sec 22 T07S R23E 1974 FNL 1980 FWL |  |
| 43-047-15268 | RW 32-30B Sec 30 T07S R23E 2041 FNL 1999 FEL |  |
| 43-047-31051 | RW 42-27B Sec 27 T07S R23E 1952 FNL 0517 FEL |  |
| 43-047-31682 | RW 43-15B Sec 15 T07S R23E 1898 FSL 0635 FEL |  |
| 43-047-15236 | RW 43-29A Sec 29 T07S R22E 1979 FSL 0660 FEL |  |

This office has no objection to permitting the wells at this time.

/s/ Michael L. Coulthard

bcc: File - Red Wash Unit  
Division of Oil Gas and Mining  
Central Files  
Agr. Sec. Chron  
Fluid Chron

MCoulthard:mc:10-19-09



# WORKSHEET

## APPLICATION FOR PERMIT TO DRILL

**APD RECEIVED:** 10/15/2009

**API NO. ASSIGNED:** 43047316820000

**WELL NAME:** RW 43-15B

**OPERATOR:** QUESTAR EXPLORATION & PRODUCTION CO (N5085)

**PHONE NUMBER:** 435 781-4331

**CONTACT:** Jan Nelson

**PROPOSED LOCATION:** NESE 15 070S 230E

**Permit Tech Review:** ☒

**SURFACE:** 1898 FSL 0635 FEL

**Engineering Review:** ☐

**BOTTOM:** 1898 FSL 0635 FEL

**Geology Review:** ☒

**COUNTY:** UINTAH

**LATITUDE:** 40.20750

**LONGITUDE:** -109.30523

**UTM SURF EASTINGS:** 644234.00

**NORTHINGS:** 4451955.00

**FIELD NAME:** RED WASH

**LEASE TYPE:** 1 - Federal

**LEASE NUMBER:** UTU-081

**PROPOSED PRODUCING FORMATION(S):** WASATCH-MESA VERDE

**SURFACE OWNER:** 1 - Federal

**COALBED METHANE:** NO

### RECEIVED AND/OR REVIEWED:

- ☒ **PLAT**
- ☒ **Bond:** FEDERAL - ESB000024
- ☐ **Potash**
- ☐ **Oil Shale 190-5**
- ☐ **Oil Shale 190-3**
- ☐ **Oil Shale 190-13**
- ☒ **Water Permit:** A 36125 - 49-2153
- ☐ **RDCC Review:**
- ☐ **Fee Surface Agreement**
- ☐ **Intent to Commingle**

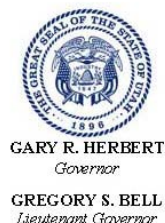
**Commingle Approved**

### LOCATION AND SITING:

- ☐ **R649-2-3.**
- Unit:** RED WASH
- ☐ **R649-3-2. General**
- ☐ **R649-3-3. Exception**
- ☒ **Drilling Unit**
- Board Cause No:** Cause 187-07
- Effective Date:** 9/18/2001
- Siting:** Suspends General Siting
- ☐ **R649-3-11. Directional Drill**

**Comments:** Presite Completed  
501031 UNIT EFF:000920 OP FR N0210 EFF 1-1-00:030902 OP FR N4235:070430 FR N2460:NM FR RWU 301  
(43-15B):

**Stipulations:** 4 - Federal Approval - dmason



## State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
*Executive Director*

Division of Oil, Gas and Mining

JOHN R. BAZA  
*Division Director*

### Permit To Drill

\*\*\*\*\*

**Well Name:** RW 43-15B  
**API Well Number:** 43047316820000  
**Lease Number:** UTU-081  
**Surface Owner:** FEDERAL  
**Approval Date:** 10/21/2009

**Issued to:**

QUESTAR EXPLORATION & PRODUCTION CO , 11002 East 17500 South, Vernal, UT 84078

**Authority:**

Pursuant to Utah Code Ann. §40-6-1 et seq., and Utah Administrative Code R649-3-1 et seq., the Utah Division of Oil, Gas and Mining issues conditions of approval, and permit to drill the listed well. This permit is issued in accordance with the requirements of Cause 187-07. The expected producing formation or pool is the WASATCH-MESA VERDE Formation(s), completion into any other zones will require filing a Sundry Notice (Form 9). Completion and commingling of more than one pool will require approval in accordance with R649-3-22.

**Duration:**

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date

**General:**

Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

**Conditions of Approval:**

State approval of this well does not supercede the required federal approval, which must be obtained prior to drilling.

**Notification Requirements:**

The operator is required to notify the Division of Oil, Gas and Mining of the following actions during drilling of this well:

- Within 24 hours following the spudding of the well – contact Carol Daniels at 801-538-5284 (please leave a voicemail message if not available)
- OR
- submit an electronic sundry notice (pre-registration required) via the Utah Oil & Gas website at <https://oilgas.ogm.utah.gov>

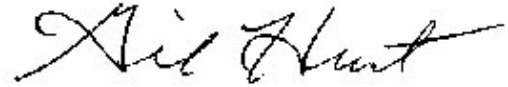
**Reporting Requirements:**

All reports, forms and submittals as required by the Utah Oil and Gas Conservation General Rules will be promptly filed with the Division of Oil, Gas and Mining, including but not limited to:

- Entity Action Form (Form 6) – due within 5 days of spudding the well
- Monthly Status Report (Form 9) – due by 5th day of the following calendar month

- Requests to Change Plans (Form 9) – due prior to implementation
- Written Notice of Emergency Changes (Form 9) – due within 5 days
- Notice of Operations Suspension or Resumption (Form 9) – due prior to implementation
- Report of Water Encountered (Form 7) – due within 30 days after completion
- Well Completion Report (Form 8) – due within 30 days after completion or plugging

**Approved By:**

A handwritten signature in black ink, appearing to read "Gil Hunt", with a stylized, flowing script.

Gil Hunt  
Associate Director, Oil & Gas

State of Utah  
Division of Oil, Gas and Mining

ENTITY ACTION FORM - FORM 6

OPERATOR ACCT. No. N-5085  
OPERATOR: **Questar Exploration & Production Co.**  
ADDRESS: **11002 East 17500 South**  
**Vernal, Utah 84078 (435)781-4342**

| Action Code | Current Entity No. | New Entity No. | API Number   | Well Name | QQ   | SC | TP | RG  | County | Spud Date | Effective Date    |
|-------------|--------------------|----------------|--------------|-----------|------|----|----|-----|--------|-----------|-------------------|
| E           | 5670               | 17643          | 43-047-31682 | RW 43-15B | NESE | 15 | 7S | 23E | Uintah | —         | deepen completion |

WELL 1 COMMENTS:  
WSMVD

Deepen approved 10/21/09

**CONFIDENTIAL** 6/22/10

WELL 2 COMMENTS:

WELL 3 COMMENTS:

WELL 4 COMMENTS:

WELL 5 COMMENTS:

ACTION CODES (See instructions on back of form)

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected

(3/89)

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**JUN 08 2010**

DIV. OF OIL, GAS & MINING



Signature

Office Administrator

Title

6/8/10

Date

Phone No. **(435)781-4342**

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0137  
Expires: July 31, 2010

**SUNDRY NOTICES AND REPORTS ON WELLS**  
**Do not use this form for proposals to drill or to re-enter an  
abandoned well. Use Form 3160-3 (APD) for such proposals.**

5. Lease Serial No.  
see attached list

6. If Indian, Allottee or Tribe Name

N/A

**SUBMIT IN TRIPLICATE** - Other instructions on page 2.

1. Type of Well

☐ Oil Well ☐ Gas Well ☒ Other see attached list

2. Name of Operator

Questar Exploration and Production Company

3a. Address

11002 East 17500 South, Vernal, UT 84078-8526

3b. Phone No. (include area code)

(435) 781-4341

7. If Unit of CA/Agreement, Name and/or No.  
Redwash

8. Well Name and No.  
see attached list

RW 43-15B

9. API Well No.  
see attached list

43 047 31682

10. Field and Pool or Exploratory Area  
Redwash

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

See attached list

7S 23E 15

11. Country or Parish, State  
Uintah, Utah

**12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA**

**TYPE OF SUBMISSION**

☒ Notice of Intent

☐ Subsequent Report

☐ Final Abandonment Notice

**TYPE OF ACTION**

☐ Acidize

☐ Alter Casing

☐ Casing Repair

☐ Change Plans

☐ Convert to Injection

☐ Deepen

☐ Fracture Treat

☐ New Construction

☐ Plug and Abandon

☐ Plug Back

☐ Production (Start/Resume)

☐ Reclamation

☐ Recomplete

☒ Temporarily Abandon

☐ Water Disposal

☐ Water Shut-Off

☐ Well Integrity

☐ Other

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

Questar Exploration and Production Company (QEP) requests approval for 12 month temporary abandonment status for the attached list of wells.

Based upon the results of the RW 34-34ADR, RW 34-27AD, and RW 04-25B QEP is developing plans to deepen existing Redwash wells with intact 7" production casing to the lower Mesaverde formation. An 8 well pilot program will be sent to the BLM, based upon the results from this pilot project the wells on the attached list will either be deepened to the lower Mesaverde or plugged and abandoned.

14. I hereby certify that the foregoing is true and correct.

Name (Printed/Typed)

Lucius McGillivray

Title Associate Petroleum Engineer

Signature

*Lucius McGillivray*

Date 07/27/2009

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

*D. McGillivray*

Title Pet. Eng.

Date 7/7/10

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office DOGM

Federal Approval of This  
Action is Necessary

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

\* Based on discussions w/ BLM & Plan of action agreed upon by BLM

| API #      | Well Name | Well # | Lease #  | Status | Quarter | Section | Township | Range |
|------------|-----------|--------|----------|--------|---------|---------|----------|-------|
| 4304715167 | RW        | 21-24B | UTU0802  | TA     | NENW    | 24      | 7S       | 23E   |
| 4304715191 | RW        | 21-27B | UTU0566  | TA     | NENW    | 27      | 7S       | 23E   |
| 4304715237 | RW        | 23-28B | UTU02025 | TA     | NESW    | 28      | 7S       | 23E   |
| 4304715283 | RW        | 31-28B | UTU02030 | TA     | NWNE    | 28      | 7S       | 23E   |
| 4304731051 | RW        | 42-27B | UTU0566  | TA     | SENE    | 27      | 7S       | 23E   |
| 4304731682 | RW        | 43-15B | UTU081   | TA     | NESE    | 15      | 7S       | 23E   |
| 4304715196 | RW        | 12-13B | UTU081   | TA     | SWNW    | 13      | 7S       | 23E   |
| 4304715152 | RW        | 34-14B | UTU081   | TA     | SWSE    | 14      | 7S       | 23E   |
| 4304731578 | RW        | 12-35B | UTU0566  | TA     | SWNW    | 35      | 7S       | 23E   |
| 4304715296 | RW        | 12-14B | UTU081   | TA     | SWNW    | 14      | 7S       | 23E   |
| 4304715201 | RW        | 12-27B | UTU0566  | TA     | SWNW    | 27      | 7S       | 23E   |
| 4304731053 | RW        | 44-27B | UTU0566  | TA     | SESE    | 27      | 7S       | 23E   |
| 4304715275 | RW        | 32-26B | UTU 0566 | TA     | SWNE    | 26      | 7S       | 23E   |
| 4304731476 | RW        | 33-23B | UTU 082  | TA     | NWSE    | 23      | 7S       | 23E   |
| 4304730521 | RW        | 33-26B | UTU 0566 | TA     | NWSE    | 26      | 7S       | 23E   |
| 4304731576 | RW        | 42-23B | UTU 082  | TA     | SENE    | 23      | 7S       | 23E   |
| 4304715153 | RW        | 23-22B | UTU081   | TA     | NESW    | 22      | 7S       | 23E   |
| 4304715186 | RW        | 21-22B | UTU081   | TA     | NENW    | 22      | 7S       | 23E   |
| 4304715237 | RW        | 23-28B | UTU02025 | TA     | NESW    | 28      | 7S       | 23E   |
| 4304715260 | RW        | 22-22B | UTU081   | TA     | SENW    | 22      | 7S       | 23E   |

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

AMENDED REPORT ☐ FORM 8  
(highlight changes)

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

|                                                                                                                                                                                                                             |  |                                                                   |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-------------------------------------------------------------------|
| 1a. TYPE OF WELL:<br>OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> DRY <input type="checkbox"/> OTHER _____                                                                                |  | 5. LEASE DESIGNATION AND SERIAL NUMBER:<br>UTU081                 |
| b. TYPE OF WORK:<br>NEW WELL <input type="checkbox"/> HORIZ. LATS. <input type="checkbox"/> DEEP-EN <input checked="" type="checkbox"/> RE-ENTRY <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> OTHER _____ |  | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME<br>N/A                       |
| 2. NAME OF OPERATOR:<br>Questar Exploration & Production Co.                                                                                                                                                                |  | 7. UNIT or CA AGREEMENT NAME<br>RED WASH UNIT                     |
| 3. ADDRESS OF OPERATOR:<br>11002 E 17500 S CITY VERNAL STATE UT ZIP 84078                                                                                                                                                   |  | 8. WELL NAME and NUMBER:<br>RW 43-15B                             |
| 4. LOCATION OF WELL (FOOTAGES)<br>AT SURFACE 1898' FSL, 635' FEL<br>AT TOP PRODUCING INTERVAL REPORTED BELOW: 1898' FSL, 635' FEL<br>AT TOTAL DEPTH: 1698' FSL, 525' FEL                                                    |  | 9. API NUMBER:<br>4304731682                                      |
| 10. FIELD AND POOL, OR WILDCAT<br>RED WASH                                                                                                                                                                                  |  | 11. QTR/OTR SECTION, TOWNSHIP, RANGE, MERIDIAN:<br>NESE 15 7S 23E |
| 12. COUNTY<br>UINTAH                                                                                                                                                                                                        |  | 13. STATE<br>UTAH                                                 |

|                                                                                                                                       |                                            |                                          |                                                                                                                                                                                                                                                                                                                           |                                             |
|---------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------|------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------|
| 14. DATE SPUDDED:                                                                                                                     | 15. DATE T.D. REACHED:<br>5/6/2010         | 16. DATE COMPLETED:<br>6/3/2010          | ABANDONED <input type="checkbox"/> READY TO PRODUCE <input checked="" type="checkbox"/>                                                                                                                                                                                                                                   | 17. ELEVATIONS (OF, RKB, RT, GL):<br>14' KB |
| 18. TOTAL DEPTH: MD 11,234<br>TVD 11204                                                                                               | 19. PLUG BACK T.D.: MD 11,156<br>TVD 11449 | 20. IF MULTIPLE COMPLETIONS, HOW MANY? * |                                                                                                                                                                                                                                                                                                                           | 21. DEPTH BRIDGE MD<br>PLUG SET: TVD        |
| 22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each)<br>CBL/GR/CCL & COMP DUAL NEUTRON, <i>Caliper w Hole Volume</i> |                                            |                                          | 23.<br>WAS WELL CORED? NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> (Submit analysis)<br>WAS DST RUN? NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> (Submit report)<br>DIRECTIONAL SURVEY? NO <input type="checkbox"/> YES <input checked="" type="checkbox"/> (Submit copy) |                                             |

24. CASING AND LINER RECORD (Report all strings set in well)

| HOLE SIZE | SIZE/GRADE | WEIGHT (#/ft.) | TOP (MD) | BOTTOM (MD) | STAGE CEMENTER DEPTH | CEMENT TYPE & NO. OF SACKS | SLURRY VOLUME (BBL) | CEMENT TOP ** | AMOUNT PULLED |
|-----------|------------|----------------|----------|-------------|----------------------|----------------------------|---------------------|---------------|---------------|
| 6.125     | 4-1/2 N-80 | 13.5#          |          | 11,208      |                      | 760                        |                     | surf - unk    |               |
|           |            |                |          |             |                      |                            |                     |               |               |
|           |            |                |          |             |                      |                            |                     |               |               |
|           |            |                |          |             |                      |                            |                     |               |               |
|           |            |                |          |             |                      |                            |                     |               |               |
|           |            |                |          |             |                      |                            |                     |               |               |

25. TUBING RECORD

| SIZE  | DEPTH SET (MD) | PACKER SET (MD) | SIZE | DEPTH SET (MD) | PACKER SET (MD) | SIZE | DEPTH SET (MD) | PACKER SET (MD) |
|-------|----------------|-----------------|------|----------------|-----------------|------|----------------|-----------------|
| 2.375 | 9,358          |                 |      |                |                 |      |                |                 |

26. PRODUCING INTERVALS

| FORMATION NAME | TOP (MD) | BOTTOM (MD) | TOP (TVD) | BOTTOM (TVD) | INTERVAL (Top/Bot - MD) | SIZE | NO. HOLES | PERFORATION STATUS                                                         |
|----------------|----------|-------------|-----------|--------------|-------------------------|------|-----------|----------------------------------------------------------------------------|
| (A) Mesa Verde | 9,486    | 10,711      |           |              | 10,695 10,711           | 3.13 | 48        | Open <input checked="" type="checkbox"/> Squeezed <input type="checkbox"/> |
| (B)            |          |             |           |              | 10,644 10,656           | 3.13 | 36        | Open <input checked="" type="checkbox"/> Squeezed <input type="checkbox"/> |
| (C)            |          |             |           |              | 10,171 10,183           | 3.13 | 36        | Open <input checked="" type="checkbox"/> Squeezed <input type="checkbox"/> |
| (D)            |          |             |           |              | 10,112 10,120           | 3.13 | 24        | Open <input checked="" type="checkbox"/> Squeezed <input type="checkbox"/> |

28. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC.

| DEPTH INTERVAL | AMOUNT AND TYPE OF MATERIAL |
|----------------|-----------------------------|
|                |                             |
|                |                             |
|                |                             |

29. ENCLOSED ATTACHMENTS:

- ☐ ELECTRICAL/MECHANICAL LOGS ☐ GEOLOGIC REPORT ☐ DST REPORT ☒ DIRECTIONAL SURVEY  
☐ SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICATION ☐ CORE ANALYSIS ☐ OTHER: \_\_\_\_\_

30. WELL STATUS:

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(CONTINUED ON BACK)

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DIV. OF OIL, GAS & MINING

## 31. INITIAL PRODUCTION

INTERVAL A (As shown in item #26)

|                                   |                        |                      |                             |                 |                   |                              |                          |
|-----------------------------------|------------------------|----------------------|-----------------------------|-----------------|-------------------|------------------------------|--------------------------|
| DATE FIRST PRODUCED:<br>5/29/2010 | TEST DATE:<br>6/4/2010 | HOURS TESTED:<br>24  | TEST PRODUCTION<br>RATES: → | OIL - BBL:<br>0 | GAS - MCF:<br>294 | WATER - BBL:<br>620          | PROD. METHOD:<br>flowing |
| CHOKE SIZE:<br>18/64              | TBG. PRESS.<br>1,132   | CSG. PRESS.<br>1,725 | API GRAVITY                 | BTU - GAS       | GAS/OIL RATIO     | 24 HR PRODUCTION<br>RATES: → | INTERVAL STATUS:<br>open |

INTERVAL B (As shown in item #26)

|                      |             |               |                             |            |               |                              |                  |
|----------------------|-------------|---------------|-----------------------------|------------|---------------|------------------------------|------------------|
| DATE FIRST PRODUCED: | TEST DATE:  | HOURS TESTED: | TEST PRODUCTION<br>RATES: → | OIL - BBL: | GAS - MCF:    | WATER - BBL:                 | PROD. METHOD:    |
| CHOKE SIZE:          | TBG. PRESS. | CSG. PRESS.   | API GRAVITY                 | BTU - GAS  | GAS/OIL RATIO | 24 HR PRODUCTION<br>RATES: → | INTERVAL STATUS: |

INTERVAL C (As shown in item #26)

|                      |             |               |                             |            |               |                              |                  |
|----------------------|-------------|---------------|-----------------------------|------------|---------------|------------------------------|------------------|
| DATE FIRST PRODUCED: | TEST DATE:  | HOURS TESTED: | TEST PRODUCTION<br>RATES: → | OIL - BBL: | GAS - MCF:    | WATER - BBL:                 | PROD. METHOD:    |
| CHOKE SIZE:          | TBG. PRESS. | CSG. PRESS.   | API GRAVITY                 | BTU - GAS  | GAS/OIL RATIO | 24 HR PRODUCTION<br>RATES: → | INTERVAL STATUS: |

INTERVAL D (As shown in item #26)

|                      |             |               |                             |            |               |                              |                  |
|----------------------|-------------|---------------|-----------------------------|------------|---------------|------------------------------|------------------|
| DATE FIRST PRODUCED: | TEST DATE:  | HOURS TESTED: | TEST PRODUCTION<br>RATES: → | OIL - BBL: | GAS - MCF:    | WATER - BBL:                 | PROD. METHOD:    |
| CHOKE SIZE:          | TBG. PRESS. | CSG. PRESS.   | API GRAVITY                 | BTU - GAS  | GAS/OIL RATIO | 24 HR PRODUCTION<br>RATES: → | INTERVAL STATUS: |

## 32. DISPOSITION OF GAS (Sold, Used for Fuel, Vented, Etc.)

Sold

## 33. SUMMARY OF POROUS ZONES (Include Aquifers):

Show all important zones of porosity and contents thereof. Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

## 34. FORMATION (Log) MARKERS:

| Formation | Top<br>(MD) | Bottom<br>(MD) | Descriptions, Contents, etc. | Name | Top<br>(Measured Depth) |
|-----------|-------------|----------------|------------------------------|------|-------------------------|
|           |             |                |                              |      |                         |

## 35. ADDITIONAL REMARKS (Include plugging procedure)

#27 - MV 9934-9942' - Open; MV 9568-9580' - Open; MV 9486-9502' - Open

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.

NAME (PLEASE PRINT) Dahn Caldwell

TITLE Operations Administration

SIGNATURE

DATE 6/22/2010

This report must be submitted within 30 days of

- completing or plugging a new well
- drilling horizontal laterals from an existing well bore
- recompleting to a different producing formation
- reentering a previously plugged and abandoned well
- significantly deepening an existing well bore below the previous bottom-hole depth
- drilling hydrocarbon exploratory holes, such as core samples and stratigraphic tests

\* ITEM 20: Show the number of completions if production is measured separately from two or more formations.

\*\* ITEM 24: Cement Top - Show how reported top(s) of cement were determined (circulated (CIR), calculated (CAL), cement bond log (CBL), temperature survey (TS)).

Send to: Utah Division of Oil, Gas and Mining  
1594 West North Temple, Suite 1210  
Box 145801  
Salt Lake City, Utah 84114-5801

Phone: 801-538-5340

Fax: 801-359-3940

(5/2000)

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RW 43-15B Deepening  
QEP Energy Company

| District | Well Name        | API No       | Date of report. | Depth of Survey (ft) | Inclination (°) | Azimuth (°) | True Vertical Depth (ft) | North / (-) South Departure (ft) | East / (-) West Departure (ft) | Vertical Section (ft) | Dogleg Severity (°/100ft) |
|----------|------------------|--------------|-----------------|----------------------|-----------------|-------------|--------------------------|----------------------------------|--------------------------------|-----------------------|---------------------------|
| UINTA    | RWU 43-15B (301) | 43-047-31682 | 5/1/2010        | 6,440.00             | 0.4             | 221.75      | 6,439.95                 | -16.77                           | -14.97                         | -16.77                | 0.01                      |
| UINTA    | RWU 43-15B (301) | 43-047-31682 | 5/1/2010        | 7,224.00             | 1.3             | 144.3       | 7,223.87                 | -26.04                           | -11.6                          | -26.04                | 0.16                      |
| UINTA    | RWU 43-15B (301) | 43-047-31682 | 5/4/2010        | 10,260.00            | 3.7             | 154.1       | 10,256.77                | -142.14                          | 51.29                          | -142.14               | 0.08                      |
| UINTA    | RWU 43-15B (301) | 43-047-31682 | 5/7/2010        | 11,212.00            | 6.6             | 123.9       | 11,204.98                | -200.31                          | 110.14                         | -200.31               | 0.41                      |

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Page 1 of 6

QEP ENERGY

## Operations Summary Report

DIV. OF OIL, GAS & MINING  
SPECS WORK  
FOR DRILLING

Well Name: RWU 43-15B (301)  
 Location: 15- 7-S 23-E 26  
 Rig Name: BASIN WELL SERVICE

Spud Date: 1/30/1986  
 Rig Release: 4/16/2010  
 Rig Number: 3

| Date      | From - To     | Hours | Code | Sub Code | Description of Operations                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|-----------|---------------|-------|------|----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 3/24/2010 | 06:00 - 16:00 | 10.00 | BOP  | 1        | <p>"TIGHT HOLE" This work is to prepare well for drilling rig.</p> <p>On 3/23/10 MIRU Basin WS to start work to prepare well for drilling rig. SITP and SICP=0#. NDWH and NU BOP's. POOH with 14 jts of tbg. and tbg. is plugged with oil. Pump out plug at 400# and pump 180 bbl. of water production water and recovered 160 bbl. of oil water and gas. POOH with the remaining 139 jts of tbg...SIFN. On 3/24/10 will RIH with bit and scraper and and circ.hole with hot production water to clean up prior to running ret.packer for squeeze work.</p> <p>Casing Size: 7" 23#<br/> Casing Depth: 5900'</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| 3/25/2010 | 06:00 - 16:00 | 10.00 | DEQ  | 2        | <p>"TIGHT HOLE" This work is to prepare well for drilling rig.</p> <p>On 3/24/10 SICP=0#. RIH with 6-1/4" bit and 7" scraper and tbg. and tag CIBP at 5088'. Circ.hole clean with hot production water. POOH with bit and scraper. RIH with 7" ret.packer and ball test sub and tbg..Set packer at 4507' and test csg. to 1500# and held OK. Release packer and RIH and set packer at 5065' and drop test bail and test tbg. to 2500# and held OK. Reverse out ball. Reset packer at 4845' and attempt to inject into perms. from 4922-62' and pressure up to 2000# and lost 50# in 2 minutes with no injection rate established. Pump down csg. and into perms. from 4566-4804' at 2-1/4 BPM at 550#. ISIP=300# Bled off well and SIFN. On 3/25/10 will swab test perms. 4922-62' to see if there is any inflow and if not will attempt to squeeze perms. 4566-4804'.</p> <p>Casing Size: 7" 23#<br/> Casing Depth: 5900'</p>                                                                                                                                                                                       |
| 3/26/2010 | 06:00 - 16:00 | 10.00 | SWAB | 1        | <p>"TIGHT HOLE": This work is to prepare well for drilling rig.</p> <p>On 3/25/10 SITP=0# and SICP=vacuum with tbg. testing perms. 4922-62'. RU swab. IFL at surface. Make 6 swab runs and recovered 23 bbl. of water with the last one dry. Make a 1/2 hourly run and rec. 20' of water. Test perms. 4922-62' to 1000# and lost 250# in 15 minutes. Bled off. Release packer that was set at 4845' and reset packer at 4290'. Load csg. with water and test packer and csg. to 1000# and held OK. MIRU Halliburton cementers and squeeze perms. 4568-4804' with 150 sx. of "G" cement as follows: Establish injection at 3 BPM at 850# and pump 100 sx. of cement with CaCl and 50 sx. neat and displace with 30 bbl. of water. Obtain max. psi of 1200# and bleeding off. Do 2 stages with 1 bbl. each with a max. psi of 1500# on the last stage. SIFN. RDMO Halliburton. On AM of 3/26/10 SITP and SICP=0#. Release packer at 4290' and RIH and tag cement at 4398'. On 3/26/10 will POOH with packer and RIH with mill and prepare to drill out cement.</p> <p>Casing Size: 7" 23#<br/> Casing Depth: 5900'</p> |
| 3/29/2010 | 06:00 - 16:00 | 10.00 | DEQ  | 2        | <p>Perfs:<br/> 4566-76'; 4597-4602'; 4673-82'; 4791-4804' (squeezed???)</p> <p>On 3/26/10 SITP and SICP=0# with packer set following squeeze. Release packer and RIH and tag cement top at 4398'. POOH with packer and tbg..RIH with a new 6-1/4" Hurricane mill and tbg hard at 260'. POOH with mill and lay down. RIH with 6-1/4" cone bit and tbg. to 4288' and circulate hole clean and RU power swivel and related equipment to start to drill out on AM of 3/29/01. Did not tag anything going in the hole with the bit</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |

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QEP ENERGY

JUN 24 2010 Page 2 of 6

## Operations Summary Report

DIV. OF OIL, GAS &amp; MINING

Well Name: RWU 43-15B (301)  
 Location: 15- 7-S 23-E 26  
 Rig Name: BASIN WELL SERVICE

Spud Date: 1/30/1986  
 Rig Release: 4/16/2010  
 Rig Number: 3

| Date      | From - To     | Hours | Code | Sub Code | Description of Operations                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|-----------|---------------|-------|------|----------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 3/29/2010 | 06:00 - 16:00 | 10.00 | DEQ  | 2        | Perfs: 4568'-76'; 4597-4602'; 4673-82'; 4792-4804' (squeezed???)<br><br>Casing size: 7" 23#<br>Casing depth: 5900'                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| 3/30/2010 | 06:00 - 16:00 | 10.00 | CMT  | 3        | "TIGHT HOLE"; This work is to prepare well for drilling rig.<br><br>On 3/29/10 SITP and SICP=0#. Tag cement at 4398' and drill out cement with a 6-1/4" cone bit to 4626'--cement is hard. Test squeezed perfs. 4566-76' and 4597-4602 to 1000# for 15 minutes with no loss of pressure. Bled off. Pull bit to 4594' and SIFN. On 3/30/10 will continue to drill out test squeeze. Drilled out 228' of hard cement today.<br><br>Perfs:<br>4566-76'; 4597-4602'; 4673-82';<br>4791-4804' (squeezed???)<br><br>Casing Size: 7" 23#<br>Casing Depth: 5900'                                                                                                                                                      |
| 3/31/2010 | 06:00 - 16:00 | 10.00 | CMT  | 2        | "TIGHT HOLE"; This work is to prepare well for drilling rig.<br><br>On 3/30/10 SITP and SICP=0#. Hole standing full. Tag cement top at 4626' and continue to drill out hard cement to 4694' and ratty cement at 4706' and fell out of cement. Circ.hole clean. Pressure test squeeze to 1000# and dropped to 750# in 15 minutes. Bled off remaining pressure. RIH with 10 jts.of tbg.to 5029' with no tag. POOH with tbg.and bit. RIH with same 6-1/4" mill that was previously tried and hung up at 260'. POOH with mill. Mill is slightly out of gauge and will shave down overnight and run in hole to drill up CIBP on 3/31/10.<br><br>Perfs:<br>4566-76'; 4597-4602'; 4673-82'; 4791-4804' (squeezed???) |
| 4/1/2010  | 06:00 - 16:00 | 10.00 | CIRC | 1        | On 3/31/10 SICP=0#. RIH with a 6-1/8" mill and tbg..Tag CIBP at 5088' and drill out CIBP in 4 hours and lost 40 bbl.of water. Circ.hole clean. Continue in the hole and tag at 5559'. Pull mill to 5506' and attempt to pressure test csg. and pumping into perfs. below 5088' at 1-1/2 BPM at 800# with SICP=500#. Bled down well and SIFN. On 4/1/10 will circulate hole clean with hot water and re-establish int.rate and pressure and swab to check for inflow.<br><br>Perfs:<br>4566-76'; 4597-4602'; 4673-82'; 4791-4804' (squeezed???)                                                                                                                                                                |
| 4/2/2010  | 06:00 - 16:00 | 10.00 | CIRC | 1        | Casing Size: 7" 23#<br>Casing Depth: 5900'<br>On 4/1/2010. SITP and SICP=vacuum. Caught circ.with 40 bbl.of production water pumped. RIH and tag at 5559' and drill on hard metal for 3-1/2 hours and recovered rubber and flakes of cast iron. Make 1' down to 5560' in the 3-1/2 hours. POOH with mill and mill is worn out with a large groove in center of mill. Change out mills and RIH with a 6-1/8" mill to 5530' and SIFN. On 4/2/10 SITP and SICP=vacuum. Fill hole with 40 bbl.of water and starting to mill at 5560'. Lost a total of 220 bbl.of water today.<br><br>Perfs:<br>4566-76'; 4597-4602'; 4673-82'; 4791-4804' (squeezed???)                                                           |

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## Operations Summary Report

Well Name: RWU 43-15B (301)  
 Location: 15- 7-S 23-E 26  
 Rig Name: BASIN WELL SERVICE

Spud Date: 1/30/1986  
 Rig Release: 4/16/2010  
 Rig Number: 3

| Date     | From - To     | Hours | Code | Sub Code | Description of Operations                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|----------|---------------|-------|------|----------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 4/2/2010 | 06:00 - 16:00 | 10.00 | CIRC | 1        | Casing Size: 7" 23#<br>Casing Depth: 5900'                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| 4/5/2010 | 06:00 - 16:00 | 10.00 | DRL  | 4        | On 4/2/10 SITP and SICP=vacuum. Get circ.with 40 bbl.of water. Tag remainder of CIBP at 5560' and drill up. Drill out 20' of cement and tag an additional cement retainer at 5583' tbg.measurement. Drill on retainer for 3 hours recovering metal and rubber. Circ.hole clean. Pull mill to 5570' and SIFW. On 4/5/10 will continue to drill out retainer. Lost 140 bbl.of water today.<br><br>Perfs:<br>4566-76'; 4597-4602'; 4673-82'; 4791-4804' (squeezed???)<br><br>Casing Size: 7" 23#<br>Casing Depth: 5900'                                                                                                                                                                                                                                        |
| 4/6/2010 | 06:00 - 16:00 | 10.00 | DRL  | 4        | "TIGHT HOLE"; This work is to prepare well for drilling rig.<br><br>On 4/5/10. SITP and SICP=vacumm. Fill hole with 40 bbl.of water. Continue to drill on cement retainer at 5583'. Attempt to reverse circulate and mill plugged up. POOH with mill and mill worn out an plugged. RIH with a 6-1/8" 4 blade mill and tag at 5583' and mill' for 2-1/2 hours and mill down 8" recovering cuttings and rubber. Circ.hole clean. Pull mill to 5570' and SIFN. On 4/6/10 will continue to mill on retainer. Lost 90 bbl.of water today.<br><br>Casing Size: 7" 23#<br>Casing Depth: 5900'                                                                                                                                                                      |
| 4/7/2010 | 06:00 - 16:00 | 10.00 | DEQ  | 2        | Perfs:<br>4566-76'; 4597-4602'; 4673-82';<br>4791-4804' (squeezed ???)<br>"TIGHT HOLE"; This work is to prepare well for drilling rig.<br><br>On 4/6/10 SITP and SICP=vacuum. Fill hole with 40 bbl.of water. Tag retainer at 5683' (tbg..measurement) and finish drilling up and then drill 3' of cement to 5586'. Circ.hole clean. Establish injection rate down the tbg.at 2 BPM at 800#. POOH with 4 bleded mill and tbg..RIH with ret packer and tbg.and set the packer at 5000'. Test the csg.and all perfs.above 5000' to 800# and had no bleed off in 15 minutes. Pump down the tbg.at 2 BPM at 750#. SIFN. On 4/7/10 will attempt to squeeze all perfs. below 5000'. Lost 60 bbl.of water today.<br><br>Casing Size: 7" 23#<br>Casing Depth: 5900' |
| 4/8/2010 | 06:00 - 16:00 | 10.00 | DEQ  | 2        | Perfs:<br>4566-76'; 4597-4602'; 4673-82';<br>4791-4804' (squeezed ???)<br>These perfs.appear to be sqz'd.<br>"TIGHT HOLE"; This work is to prepare well for drilling rig.<br><br>On 4/7/10 SITP=vacuum and SICP=0# with packer set at 5003'. MIRU Halliburton cementers and squeeze below the packer set at 5003' possible perfs.5090' to 5609'. Squeeze as follows: Establish injection rate at 3 BPM at 1600#. Pump 75 sxs.of "G" with CaCl and 25 sxs. of net "G" and displace with 31-1/2 bbl.of water.                                                                                                                                                                                                                                                 |

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## Operations Summary Report

Well Name: RWU 43-15B (301)  
 Location: 15- 7-S 23-E 26  
 Rig Name: BASIN WELL SERVICE

Spud Date: 1/30/1986  
 Rig Release: 4/16/2010  
 Rig Number: 3

| Date      | From - To     | Hours | Code | Sub Code | Description of Operations                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|-----------|---------------|-------|------|----------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 4/8/2010  | 06:00 - 16:00 | 10.00 | DEQ  | 2        | <p>Max.rate of 3 BPM with a max psi. of 1800#. Stage an additional 1/2 bbl.of water at 1/4 BPM at 1800#. Squeeze appears to be holding. Bled off and release packer and reverse with 45 bbl.of water with no cement returns. Re-set packer at 5000' and place 1800# on tbg.overnight. RDMO Halliburton. Left SI for the night. On AM of 4/8/10 SITP=450# and SICP-0#. Bled off and release packer and RIH and tag cement at 5053'. Will POOH wit packer and tbg.and RIH with a 6-1/8" mill and prepare to start drilling out cement.</p> <p>Casing Size: 7" 23#<br/>Casing Depth: 5900'</p> <p>Perfs:<br/>4566-76'; 4597-4602'; 4673-82';<br/>4791-4804' (squeezed ???)<br/>These perfs.appear to be sqz'd.</p>                                                                                                                                                           |
| 4/9/2010  | 06:00 - 16:00 | 10.00 | DEQ  | 2        | <p>Perfs: 5090-5609' (sqz'd??).<br/>"TIGHT HOLE"; This work is to prepare well for drilling rig.</p> <p>On 4/8/10 SITP =450# following the squeeze and SICP=0E with packer set at 5000'. Bled off tbg.and recovered 1/4 bbl.of water. Release packer at 5000' and RIH and tag cement at 6053'. POOH with packer. RIH with a 6-1/8" Hurricane mill and tbg.and tag cement at 5053' and drill out cement ot 5075' while reverse circulating and mill kept plugging up. Go to conventional circulation. Continue to drill out cement to 5124' and test csg.to 800# with no bleed off in 15 minutes. Circ.hole clean and pull mill to 5903' and SIFN. On 4/9/10 will continue to drill out cement.</p> <p>Casing Size: 7" 23#<br/>Casing Depth: 5900'</p> <p>Perfs:<br/>4566-76'; 4597-4602'; 4673-82';<br/>4791-4804' (squeezed ???)<br/>These perfs.appear to be sqz'd.</p> |
| 4/12/2010 | 06:00 - 16:00 | 10.00 | CMT  | 2        | <p>Perfs: 5090-5609' (sqz'd??).<br/>"TIGHT HOLE"; This work is to prepare well for drilling rig.</p> <p>On 4/9/10 SITP and SICP=0#. Hole full. Continue to drill out cement and with a Hurricane mill and drill out hard cement from 5124-5129' in 30 minutes. POOH will mill. RIH with a 6-1/8" cone bit and tbg.and drill out hard cement from 5129' to 5220' while reversing. Circ.hole clean and pressure test to 800# and lost 25# in 15 minutes. Pull bit to 5189' and SIFW. With the cone bit it took 45 minutes to drill 32'. On 4/12/10 will continue to drill out cement and test perfs. as they are drilled thru. Had no fluid loss today.</p> <p>Casing Size: 7" 23#<br/>Casing Depth: 5900'</p> <p>Perfs:</p>                                                                                                                                                |

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## Operations Summary Report

Well Name: RWU 43-15B (301)  
 Location: 15- 7-S 23-E 26  
 Rig Name: BASIN WELL SERVICE

Spud Date: 1/30/1986  
 Rig Release: 4/16/2010  
 Rig Number: 3

| Date      | From - To     | Hours | Code | Sub Code | Description of Operations                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|-----------|---------------|-------|------|----------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 4/12/2010 | 06:00 - 16:00 | 10.00 | CMT  | 2        | 4566-76'; 4597-4602'; 4673-82';<br>4791-4804' (squeezed ???)<br>These perfs.appear to be sqz'd.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 4/13/2010 | 06:00 - 16:00 | 10.00 | DRL  | 4        | Perfs: 5090-5609' (sqz'd??).<br>"TIGHT HOLE"; This work is to prepare well for drilling rig.<br><br>On 4/12/10 SITP and SICP=0#. Hole standing full. Test all casing and perfs.above 5220' to 800# and had no bleed off in 15 minutes. Bled off well. Continue to drill out hard cement with a 6-1/8" cone bit from 5220' to 5430'. Retest perfs. and csg.to 800# and had no bleed off in 15 minutes. Continue to drill hard cement to 5442' and pull bit to 5410' and SIFN. On 4/13/10 will continue to drill out cement and test as necessary. Drilled 222' of hard cement today.<br><br>Casing Size: 7" 23#<br>Casing Depth: 5900'<br><br>Perfs:<br>4566-76'; 4597-4602'; 4673-82';<br>4791-4804' (squeezed ???)<br>These perfs.appear to be sqz'd.                                                                                                                                                                                                                                                                          |
| 4/14/2010 | 06:00 - 16:00 | 10.00 | DRL  | 4        | Perfs: 5090-5609' (sqz'd??).<br>"TIGHT HOLE"; This work is to prepare well for drilling rig.<br><br>On 4/13/10 SITP and SICP=0# wit hole standing full. Tag cement at 5442' and drill out hard cement to 5506' and ratty cement to 5521' and fell out of cement. Test squeeze to 800# and had no bleed off in 15 minutes. Tag cement at 5587' and drill out semi-hard cement of 5625' and fell out of cement and test to 800# and had no bleed off in 15 minutes. Continue in the hole and tag 5781'. Drill out cement to 5896' and drill hard for 45 min. and continue to drill to 5916' with the last 3' taking 40 minutes to drill out and during the last 15' recovered pieces of rubber and cast iron. Circ.hole clean and pull bit to 5883' and SIFN. On 4/14/10 will attempt to continue to drill out into OH formation. Csg.shoe was to be at 5900'.<br><br>Casing Size: 7" 23#<br>Casing Depth: 5900'<br><br>Perfs:<br>4566-76'; 4597-4602'; 4673-82';<br>4791-4804' (squeezed ???)<br>These perfs.appear to be sqz'd. |
| 4/15/2010 | 06:00 - 16:00 | 10.00 | EQT  | 1        | Perfs: 5090-5609' (sqz'd??).<br>These are squeezed to 800#.<br>"TIGHT HOLE"; This work is to prepare well for drilling rig.<br><br>On 4/14/10 SITP and SICP=0# with hole standing full. Continue to drill out from 5916' to 5931' and make 15' in 2 hours and recovered and 3 different colors of fines. Circ.hole clean. Should be in open hole. Lay down tbg..fill csg.with 14 bbl.of water and pressure test to 800# with no bleed off in 15 minutes. Bled off. MIRU Cutters WL and set a 7" composite bridge plug at 4440' wireline depth. RDMO Cutters. SIFN. On 4/15/10 will ND BOP's and clean out cellar and related                                                                                                                                                                                                                                                                                                                                                                                                    |

## Operations Summary Report

Well Name: RWU 43-15B (301)  
 Location: 15- 7-S 23-E 26  
 Rig Name: BASIN WELL SERVICE

Spud Date: 1/30/1986  
 Rig Release: 4/16/2010  
 Rig Number: 3

| Date      | From - To     | Hours | Code | Sub Code | Description of Operations                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|-----------|---------------|-------|------|----------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 4/15/2010 | 06:00 - 16:00 | 10.00 | EQT  | 1        | <p>equipment and RDMO Basin WS. Job will be complete.</p> <p>Perfs:<br/>           4566-76'; 4597-4602'; 4673-82';<br/>           4791-4804' (squeezed???)<br/>           These perfs. are sqz'd to 800#</p> <p>Perfs: 5090-5609' (sqz'd??).<br/>           These are squeezed to 800#.</p> <p>Casing Size: 7# 23#<br/>           Casing Depth 5900'</p>                                                                                                                                                                                                                                  |
| 4/16/2010 | 06:00 - 16:00 | 10.00 | BOP  | 1        | <p>"TIGHT HOLE"; This work is to prepare well for drilling rig.</p> <p>On 4/15/10 SICP=0#. RIH with bit and tbgs. to 625' and RU hot RU oiler and circulate hole clean. RD hot oiler and POOH and lay down tbgs. and bit. ND BOP's and NUWH. RDMO Basin WS. Final report of well work.</p> <p>Perfs:<br/>           4566-76'; 4597-4602'; 4673-82';<br/>           4791-4804' (squeezed???)<br/>           These perfs. are sqz'd to 800#</p> <p>Perfs: 5090-5609' (sqz'd??).<br/>           These are squeezed to 800#.</p> <p>Casing Size: 7# 23#<br/>           Casing Depth 5900'</p> |

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## Operations Summary Report

DIV. OF OIL, GAS & MINING  
- DRILLING

Well Name: RWU 43-15B (301)

Location: 15- 7-S 23-E 26

Rig Name: AZTEC

Spud Date: 1/30/1986

Rig Release: 5/9/2010

Rig Number: 777

| Date      | From - To     | Hours | Code | Sub Code | Description of Operations                                                                                                                                 |
|-----------|---------------|-------|------|----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|
| 4/29/2010 | 06:00 - 18:00 | 12.00 | LOC  | 4        | RIG DOWN MOVE TO NEW LOCATION AND RIG UP                                                                                                                  |
|           | 18:00 - 22:00 | 4.00  | BOP  | 1        | NIPPLE UP B.O.P'S                                                                                                                                         |
|           | 22:00 - 02:30 | 4.50  | BOP  | 2        | TEST B.O.P'S AND CHOKE MANIFOLD AND SAFETY VALVES TEST<br>PIPE, BLIND RAMS AND ALL VALVES TO 250 LOW AND 5000 HIGH TEST<br>ANNULAR TO 250 LOW & 2500 HIGH |
| 4/30/2010 | 02:30 - 06:00 | 3.50  | TRP  | 1        | LAY OUT & STRAP B.H.A. SET WEAR BUSHING RIG UP LAY DOWN MACHINE<br>& PICK UP B.H.A. & DRILL PIPE                                                          |
|           | 06:00 - 13:00 | 7.00  | TRP  | 1        | PICK UP BHA AND DRILL PIPE TAGGED BRIDGE PLUG @ 4470'                                                                                                     |
|           | 13:00 - 14:30 | 1.50  | DRL  | 5        | DRILL BRIDGE F/4470 T/4472                                                                                                                                |
|           | 14:30 - 16:30 | 2.00  | TRP  | 1        | PICK UP PIPE AND GO IN HOLE                                                                                                                               |
|           | 16:30 - 18:00 | 1.50  | RIG  | 6        | CUT DRILLING LINE 130 FEET                                                                                                                                |
|           | 18:00 - 20:00 | 2.00  | REAM | 1        | WASH & REAM FROM 5900 FEET TO 5931 FEET                                                                                                                   |
|           | 20:00 - 21:00 | 1.00  | DRL  | 1        | DRILL FROM 5931 FEET TO 5949 FEET                                                                                                                         |
|           | 21:00 - 21:30 | 0.50  | EQT  | 2        | RUN A FIT TEST EMW = 10.3 PPG WITH 600 PSI SURFACE PRESURE<br>WOULD NOT HOLD A 11.0 PPG EMW.                                                              |
|           | 21:30 - 06:00 | 8.50  | DRL  | 1        | DRILL FROM 5949 FEET TO 6488 539' 63.4'/HR<br>WOB 10/15 RPM 126 GPM 254                                                                                   |
|           | 06:00 - 06:30 | 0.50  | DRL  | 1        | DRILL F/6488 T/6516 28' 56'/HR                                                                                                                            |
| 5/1/2010  | 06:30 - 07:00 | 0.50  | SUR  | 1        | SURVEY @ 6440****0.4 DEG***221.75                                                                                                                         |
|           | 07:00 - 08:30 | 1.50  | DRL  | 1        | DRILL F/6516 T/6617 101' 67.3'/HR<br>WOB 15/18 ROM 120 RPM GPM 254                                                                                        |
|           | 08:30 - 09:00 | 0.50  | OTH  |          | WORK ON PASON AUTO DRILLER                                                                                                                                |
|           | 09:00 - 12:30 | 3.50  | DRL  | 1        | DRILL F/6617 T/6806 189' 54'/HR<br>WOB 18 RPM 120 GPM 254                                                                                                 |
|           | 12:30 - 13:00 | 0.50  | RIG  | 1        | RIG SERVICE & TOP DRIVE                                                                                                                                   |
|           | 13:00 - 19:30 | 6.50  | DRL  | 1        | DRILL F/6806 T/ 7284 478' 73.5'/HR<br>SAME PARAMITERS                                                                                                     |
|           | 19:30 - 20:00 | 0.50  | SUR  | 1        | WIRE LINE SURVEY @ 7224 FEET                                                                                                                              |
|           | 20:00 - 06:00 | 10.00 | DRL  | 1        | DRILL FROM 7284 FEET TO 7891 607' 60.7'/HR<br>WOB 18 RPM 126 GPM 254                                                                                      |
|           | 06:00 - 17:00 | 11.00 | DRL  | 1        | DRILL F/7891 T/ 8587 696' 63.3'/HR                                                                                                                        |
|           | 17:00 - 17:30 | 0.50  | RIG  | 1        | SERVICE RIG & TOP DRIVE                                                                                                                                   |
| 5/2/2010  | 17:30 - 06:00 | 12.50 | DRL  | 1        | DRILL 6 .125" HOLE FROM 8587 FEET TO 9190 FEET WEIGHT ON BIT =<br>15,000/18000 254 GPM TOTAL RPM = 126 MUD WEIGHT = 9.3 VIS= 41<br>603' 48.3'/HR          |
|           | 06:00 - 12:30 | 6.50  | DRL  | 1        | DRILL F/9190 T/ 9537 347' 53.4'/HR<br>WOB 18 RPM 126 GPM 254                                                                                              |
|           | 12:30 - 13:30 | 1.00  | RIG  | 1        | RIG SERVICE & TOP DRIVE SERVICE                                                                                                                           |
| 5/3/2010  | 13:30 - 06:00 | 16.50 | DRL  | 1        | DRILL 6.125" HOLE FROM 9537 FEET TO 10304 FEET BIT WEIGHT =<br>15000/20000 RPM=126 WITH 254 G.P.M. ON #1 PUMP<br>763' 46.2'/HR                            |
|           | 06:00 - 07:30 | 1.50  | DRL  | 1        | DRILL F/10304 T/10317 13' 8.7'/HR<br>WOB 14/16 ROM 105/125 GPM 254                                                                                        |
|           | 07:30 - 09:30 | 2.00  | CIRC | 1        | CIRCULATE AND CONDITION HOLE FOR TRIP, DROP SURVEY                                                                                                        |
| 5/4/2010  | 09:30 - 15:00 | 5.50  | TRP  | 10       | TRIP OUT OF HOLE FOR BIT                                                                                                                                  |
|           | 15:00 - 16:00 | 1.00  | TRP  | 1        | CHANGE OUT BIT AND MOTOR, PULL SURVEY<br>SURVEY @10260****3.7 DEG***154.1 AZ                                                                              |
|           | 16:00 - 19:00 | 3.00  | TRP  | 10       | TRIP IN HOLE WITH BIT #2                                                                                                                                  |
|           | 19:00 - 20:00 | 1.00  | CIRC | 1        | FILL PIPE & CIRC @ THE SHOE LUBRICATE RIG                                                                                                                 |
|           | 20:00 - 22:00 | 2.00  | TRP  | 2        | TRIP IN THE HOLE                                                                                                                                          |
|           | 22:00 - 22:30 | 0.50  | REAM | 1        | WASH & REAM 85 FEET TO BOTTOM 10 FEET OF FILL                                                                                                             |
|           | 22:30 - 23:00 | 0.50  | DRL  | 1        | DRILL FROM 10317 FEET TO 10363 FEET                                                                                                                       |
|           | 23:00 - 23:30 | 0.50  | RIG  | 1        | RIG SERVICE AND CHECK BREAKS                                                                                                                              |
|           |               |       |      |          | CONFIDENTIAL                                                                                                                                              |
|           |               |       |      |          |                                                                                                                                                           |



## Operations Summary Report

Well Name: RWU 43-15B (301)

Location: 15- 7-S 23-E 26

Rig Name: AZTEC

Spud Date: 1/30/1986

Rig Release: 5/9/2010

Rig Number: 777

| Date      | From - To     | Hours | Code | Sub Code | Description of Operations                                                                                                                                                                                                                                                                            |
|-----------|---------------|-------|------|----------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 5/4/2010  | 23:30 - 06:00 | 6.50  | DRL  | 1        | DRILL FROM 10363 FEET TO 10535 WITH 15,000 TO 20,000 BIT WEIGHT 254 G.P.M. ON #1 PUMP AND ROTARY = 60 R.P.M. 172' 26.5'/HR                                                                                                                                                                           |
| 5/5/2010  | 06:00 - 07:30 | 1.50  | DRL  | 1        | DRILL T/10535 T/10539                                                                                                                                                                                                                                                                                |
|           | 07:30 - 08:00 | 0.50  | RIG  | 1        | RIG SERVICE                                                                                                                                                                                                                                                                                          |
|           | 08:00 - 15:00 | 7.00  | TRP  | 10       | PUMP TRIP SLUG AND TRIP OUT OF HOLE FOR BIT                                                                                                                                                                                                                                                          |
|           | 15:00 - 15:30 | 0.50  | TRP  | 1        | CHANGE OUT BIT AND CHECK MOTOR                                                                                                                                                                                                                                                                       |
|           | 15:30 - 21:00 | 5.50  | TRP  | 10       | TRIP IN HOLE WITH BIT #3 FILL PIPE @ THE SHOE AND AT 8500 FEET                                                                                                                                                                                                                                       |
|           | 21:00 - 22:00 | 1.00  | REAM | 1        | WASH & REAM 100 FEET TO BOTTOM 2/ 4000 LBS BIT WEIGHT                                                                                                                                                                                                                                                |
|           | 22:00 - 06:00 | 8.00  | DRL  | 1        | DRILL FROM 10539 FEET TO 10779 FT BIT WEIGHT 8 TO 12,000 R.P.M= 105 240' 30'/HR                                                                                                                                                                                                                      |
| 5/6/2010  | 06:00 - 12:00 | 6.00  | DRL  | 1        | DRILL F/10779 -T/10934, 13 K ON BIT, 105 RPM                                                                                                                                                                                                                                                         |
|           | 12:00 - 12:30 | 0.50  | RIG  | 1        | RIG SERVICE                                                                                                                                                                                                                                                                                          |
|           | 12:30 - 06:00 | 17.50 | DRL  | 1        | DRILLING, 10934-11207, 14K ON BIT 105 RPM, 254 GPM                                                                                                                                                                                                                                                   |
| 5/7/2010  | 06:00 - 10:00 | 4.00  | DRL  | 1        | DRILLING, 11,207'-11,243',TD, 14K ON BIT 105 RPM, 254 GPM                                                                                                                                                                                                                                            |
|           | 10:00 - 11:00 | 1.00  | CIRC | 1        | CIRCULATE AND CONDITION F/SHORT TRIP                                                                                                                                                                                                                                                                 |
|           | 11:00 - 12:30 | 1.50  | TRP  | 14       | SHORT TRIP 16 STDS, TIGHT F/11,243'-11,001'(242')                                                                                                                                                                                                                                                    |
|           | 12:30 - 13:00 | 0.50  | REAM | 1        | WASH AND REAM 80' TO BTTM ,5' FILL                                                                                                                                                                                                                                                                   |
|           | 13:00 - 16:00 | 3.00  | CIRC | 1        | CIRCULATE AND CONDITION, RAISE MUD WT TO 10.7 PPG                                                                                                                                                                                                                                                    |
|           | 16:00 - 16:30 | 0.50  | SUR  | 1        | DROP SURVEY                                                                                                                                                                                                                                                                                          |
|           | 16:30 - 01:00 | 8.50  | TRP  | 2        | TOOH FOR LOGS,SLM, NO CORRECTION ON TALLY                                                                                                                                                                                                                                                            |
|           | 01:00 - 05:00 | 4.00  | LOG  | 1        | PU LOGGING TOOLS AND 36 JTS DP.                                                                                                                                                                                                                                                                      |
|           | 05:00 - 06:00 | 1.00  | TRP  | 2        | TRIP IN WITH LOGGING TOOLS,FILL DP EVERY 18 STDS.                                                                                                                                                                                                                                                    |
|           | 06:00 - 13:30 | 7.50  | TRP  | 2        | TRIP IN WITH LOGGING TOOLS,RABBIT EACH STAND                                                                                                                                                                                                                                                         |
| 5/8/2010  | 13:30 - 14:00 | 0.50  | REAM | 1        | WASH AND REAM 15' TO BTTM,PULL BACK 115'                                                                                                                                                                                                                                                             |
|           | 14:00 - 15:00 | 1.00  | LOG  | 3        | DEPLOY LOGGING TOOL                                                                                                                                                                                                                                                                                  |
|           | 15:00 - 16:00 | 1.00  | CIRC | 1        | CIRCULATE OUT GAS                                                                                                                                                                                                                                                                                    |
|           | 16:00 - 21:00 | 5.00  | LOG  | 1        | TOOH WHILE LOGGING F/11217'-5513', RAN QUAD COMBO, BHT 182 DEGREES                                                                                                                                                                                                                                   |
|           | 21:00 - 00:00 | 3.00  | TRP  | 2        | TOOH WITH LOGGING TOOLS                                                                                                                                                                                                                                                                              |
|           | 00:00 - 02:00 | 2.00  | LOG  | 1        | LD LOGGING TOOLS                                                                                                                                                                                                                                                                                     |
|           | 02:00 - 05:00 | 3.00  | TRP  | 2        | TRIP IN TO SHOE                                                                                                                                                                                                                                                                                      |
|           | 05:00 - 06:00 | 1.00  | RIG  | 6        | CUT DRILLING LINE                                                                                                                                                                                                                                                                                    |
|           | 06:00 - 07:00 | 1.00  | RIG  | 1        | RIG SERVICE AND CHANGE OIL ON RT. ANGLE DRIVE                                                                                                                                                                                                                                                        |
|           | 07:00 - 09:30 | 2.50  | TRP  | 2        | TRIP IN                                                                                                                                                                                                                                                                                              |
| 5/9/2010  | 09:30 - 10:00 | 0.50  | RIG  | 2        | CHANGE OUT SPINNERS                                                                                                                                                                                                                                                                                  |
|           | 10:00 - 11:00 | 1.00  | TRP  | 2        | TRIP IN,TAGGED @ 11,220'.                                                                                                                                                                                                                                                                            |
|           | 11:00 - 12:30 | 1.50  | REAM | 1        | W&R 23 FT TO BTTM.                                                                                                                                                                                                                                                                                   |
|           | 12:30 - 13:30 | 1.00  | CIRC | 1        | CIRC & COND, PUMP WT. SLUG                                                                                                                                                                                                                                                                           |
|           | 13:30 - 23:00 | 9.50  | TRP  | 3        | PJSM, LDDP, BHA AND PULL WEAR BUSHING                                                                                                                                                                                                                                                                |
|           | 23:00 - 00:30 | 1.50  | CSG  | 1        | SM AND RIG UP CSG.CREW                                                                                                                                                                                                                                                                               |
|           | 00:30 - 06:00 | 5.50  | CSG  | 2        | RUN 4 1/2 PRODUCTION CSG. XXXX @ REPORT TIME                                                                                                                                                                                                                                                         |
|           | 06:00 - 07:00 | 1.00  | CSG  | 2        | RUN 4.5 PRODUCTION CSG.                                                                                                                                                                                                                                                                              |
|           | 07:00 - 08:00 | 1.00  | REAM | 1        | WASH CSG TO 11220'                                                                                                                                                                                                                                                                                   |
|           | 08:00 - 10:30 | 2.50  | CIRC | 1        | CIRC AND CONDITION F/ CMT.                                                                                                                                                                                                                                                                           |
| 5/10/2010 | 10:30 - 13:30 | 3.00  | CMT  | 2        | PUMP CEMENT=TESTED LINES TO 5000 PSI. PUMP 10 BBLS WATER AHEAD,PUMPED 30 BBLS OF 10# SUPER FLUSH PUMP 10 BBLS WATER BEHIND. LEAD 210 SACK 11 LB/GAL OF HALLIBURTON LITE, TAIL 550 SKS OF 13.5 POZ-PLUS. DISPLACE WITH 167 BBLS OF KCL WATER. PLUG BUMPED AND FLOATS HELD, 27 BBLS CEMENT TO SURFACE. |
|           | 13:30 - 19:00 | 5.50  | CSG  | 7        | NIPPLE DOWN SET SLIPS W/130K, CUT OFF, CLEAN MUD TANKS.                                                                                                                                                                                                                                              |
|           | 19:00 - 06:00 | 11.00 | LOC  | 4        | RIG RELEASED @ 1900 HRS 5/9/2010<br>RIG DOWN PREPARE FOR TRUCKS                                                                                                                                                                                                                                      |

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QEP ENERGY

Page 1 of 4

# Operations Summary Report - COMPLETION

DIV. OF OIL, GAS &amp; MINING

Well Name: RWU 43-15B (301)  
 Location: 15- 7-S 23-E 26  
 Rig Name: ROCKY MTN WS

Spud Date: 1/30/1986  
 Rig Release:  
 Rig Number: 3

| Date      | From - To     | Hours | Code | Sub Code | Description of Operations                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|-----------|---------------|-------|------|----------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 5/18/2010 | 06:00 - 16:00 | 10.00 | LOG  | 4        | <p>"TIGHT HOLE"; Completion of well.</p> <p>On 5/17/10 MIRU Lone Wolf Wireline. Run a gauge ring to tag at 11156'. Run a CBL/VDL/GR log from tag of 11154' to surface with top of cement est. at 160'. Ran log under 0 psi. Correlated the log to Weatherford Density log dated 5/7/10. RDMO Lone Wolf Wireline. Report discontinued until further activity.</p> <p>Casing size: 4-1/2" 13.5#</p>                                                                                                                                                       |
| 5/24/2010 | 06:00 - 16:00 | 10.00 | LOC  | 5        | <p>On 5/21/10 Move in Rocky Mtn WS. Spot equipment and RU. SD for weekend.</p> <p>On 5/24/10 Will NU and test frac head assembly and csg. PU tbq and make bit and scraper run.</p> <p>Casing size: 4.5" 13.5#<br/>         Casing depth: 11,208'</p>                                                                                                                                                                                                                                                                                                    |
| 5/25/2010 | 06:00 - 16:00 | 10.00 | EQT  | 1        | <p>On 5/24/10 SICP=0 NU Cameron 4 1/16" 10K frac tree and Weatherford 10K flowback manifold. RU B&amp;C Quick test. Pressure test csg and frac head to 7000# psi. 10-min test, held good. Test manifold to 5000# psi. held good. NU 4 1/16" 15K single bop's. RU tbq equipment. Tally, rabbit, and rih with 3 3/4" bit, 4 1/2" csg scraper and 90-jts of 2 3/8" L-80 tbq. EOT @ 2800' SWIFN Due to high winds. On 5/25/10 Will continue to PU tbq and circulate hole with 2% KCL.</p> <p>Casing size: 4.5" 13.5#<br/>         Casing depth: 11,208'</p> |
| 5/26/2010 | 06:00 - 16:00 | 10.00 | LOC  | 2        | <p>On 5/25/10 SICP=0 SITP=0 Open well up. Continued to tally, rabbit and RIH with an additional 266-jts of 2 3/8" L-80 tbq to 10,842'. 130' below bottom pef @ 10,712. Circulate hole clean with 150-bbls of 2% KCL. Pull tbq tail to 10,000'. SWIFN On 5/26/10 Will finish POOH with tbq and scraper. RU wireline and perf stage #1.</p> <p>Casing size: 4.5" 13.5#<br/>         Casing depth: 11,208'</p>                                                                                                                                             |
| 5/27/2010 | 06:00 - 16:00 | 10.00 | PERF | 2        | <p>On 5/26/10 SICP=0 SITP=0 Open well up. Continued to POOH with tbq, scraper and bit. RD tbq equipment. ND single bop's. MIRU LoneWolf WL and perforate stage #1 interval from 10,695-10,711' (48 holes) at 3-JPF and 120 degree phasing using a 3-1/8" csg gun per CBL dated 5/17/10 correlated to Weatherford open hole log dated 5/7/10. Had 0-pressure on well. SWIFN. On 5/27/10 Will be shut down waiting on Halliburton. On 5/28/10 Will proceed with frac.</p> <p>Casing Size: 4.5" 13.5#<br/>         Casing Depth: 11,208'</p>               |
| 5/28/2010 | 06:00 - 16:00 | 10.00 | WOT  | 2        | <p>On 5/27/10 On standby waiting on Halliburton<br/>         On 5/28/10 Will start fracing.</p> <p>Casing size: 4.5" 13.5#<br/>         Casing depth: 11,208'</p>                                                                                                                                                                                                                                                                                                                                                                                       |
| 6/1/2010  | 06:00 - 16:00 | 10.00 | STIM | 3        | <p>On 5/28/10 SICP=0 MIRU Halliburton frac crew and frac the following zones with slick water and 30/50 Ottawa sand containing normal additives. All perforating was down per CBL dated 5/17/10 correlated to Weatherford open hole log dated 5/7/10 using 3-1/8" guns 3-JPF 120 degree phasing and Halliburton 8K frac plug's. Acid</p>                                                                                                                                                                                                                |

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## Operations Summary Report

Well Name: RWU 43-15B (301)  
 Location: 15- 7-S 23-E 26  
 Rig Name: ROCKY MTN WS

Spud Date: 1/30/1986  
 Rig Release:  
 Rig Number: 3

| Date     | From - To     | Hours | Code | Sub Code | Description of Operations                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|----------|---------------|-------|------|----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 6/1/2010 | 06:00 - 16:00 | 10.00 | STIM | 3        | <p>was spotted in each flush for new zone. Scale inhibitor added in sages 2-7</p> <p>Zone# 1: MV (10695-10711) Frac swith 80,000# sand ramped from 0.25 - 2 PPG. Broke @ 5084#, Max treating psi of 5039#, Avg treating pressure=3600#, Avg rate=36 BPM, ISIP=2628# (.67) Total bbls=2189. No scale inhib. Set comp. frac plug @ 10675, Perforate the following MWV interval from 10644-56' (36-holes)</p> <p>Zone#2: MV (10644-10656) Frac with 50,000# sand ramped from 0.25 - 2 PPG. Broke @ 5150#, Max treating psi of 5221#, Avg treating pressure=4000#, Avg rate=37 BPM, ISIP=2904# (.71). Total bbls=1254. Set comp. frac plug @ 10254' Perforate the MV interval from 10171-10183' (36-holes).</p> <p>Zone#3: MV (10171-10183) Frac with 40,000# sand ramped from 0.25 - 2 PPG. Broke @ 5087#, Max treating psi of 5310#, Avg treating pressure=4900#, Avg rate=35 BPM, ISIP=3601# (.78) Total bbls=1241. Set comp. frac plug @ 10140' Perforate the MV interval from 10112-10120' (24-holes)</p> <p>Zone #4: MV (10112-10120') Frac with 35,000# and ramped from .25-2 PPG. Broke @ 5664#, Max treating psi of 5673# Avg treating pressure=4500#, Avg rate=36 BP, ISIP=2588 (.69) Total bbls=1115. Set comp. frac plug @ 9975' Perforate the MV interval from 9934-9942' (24-holes).</p> <p>Zone #5: MV (9934-9943) Frac with 30,000# sand ramped from 0.25-2 PPG with no spacer. Broke @ 4100#. Max treating pressure of 4150#, Avg treating pressure=3300#, Avg rate=36 BPM, IISP=1694# (.60) Total bbls=884. Set comp. frac plug @ 9624' Perforate the MV interval from 9568-9580' (36-holes)</p> <p>Zone#6: MV (9568-9580) Frac with 30,000# sand ramped from 0.25-2 PPG with no spacer. Broke @ 6108# Max teating pressure of 6138#, Avg treating pressure=4100#, Avg rate=36 BPM, ISIP=2670# (.71) total bbls=862. set ocmp. frac plug @ 9526' Perforate The MV interval from 9486-9502' (48-holes)</p> <p>Zone#7: MV ( 9486-9602) Frac with 80,000# sand ramped from 0.25-2 PPG. Broke @ 4307#, Max treating psi of 4950#, Avg treating pressure=4300#, Avg rate=37 BPM, ISIP=3143# (.76) Total bbls=2092.</p> <p>SWI @ 11:00 PM and RD Halliburton</p> <p>On 5/29/10 After a 2 hour shut in period the SICP was @ 1975# psi. Open well up to on a 14/64 choke at 1:00 AM. Flowed the well to the pit until 2:00 PM (13-hr's) with a FCP of 900# psi and showing a lite trace of sand. Recovered 1110-bbls. of fluid. With an average of 85 bbls rec.per hour. Turn over to production to sales over the weekend.</p> <p>On 6/10 Will set top kill plug, NU and test 7" 10K bop's, Rih with tbg and mill to drill up frac plugs.</p> <p>Casing size: 4.5" 13.5#<br/> Casing depth: 11,208'</p> <p>Load from yesterday: 9800<br/> Minus daily recovery:1110<br/> LLTR: 8690</p> <p>Perfs<br/> Zone# 1: 10695' - 10711'<br/> Zone# 2: 10644' - 10656'<br/> Zone# 3: 10171' - 10183'<br/> Zone# 4: 10112' - 10120'<br/> Zone# 5: 9934-9942'<br/> Zone# 6: 9568-9580'<br/> Zone# 7: 9486-9502'</p> |
| 6/2/2010 | 06:00 - 16:00 | 10.00 | BOP  | 1        | <p>On 6/1/10 FCP=680# at a rate of 380 MCFD via gas sales. SI the well at 7:00AM.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |

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## Operations Summary Report

Well Name: RWU 43-15B (301)  
 Location: 15- 7-S 23-E 26  
 Rig Name: ROCKY MTN WS

Spud Date: 1/30/1986  
 Rig Release:  
 Rig Number: 3

| Date     | From - To     | Hours | Code | Sub Code | Description of Operations                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|----------|---------------|-------|------|----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 6/2/2010 | 06:00 - 16:00 | 10.00 | BOP  | 1        | <p>MIRU Lone Wolf WL. Set a Halliburton com.BP at 9010'. Bled off csg.. RDMO Lone Wolf. ND frac head and NU BOP's and flow back manifold to the BOP stack. Pressure test BOP's and flow back manifold and assoc.equipment to 5000# and held OK. RIH with 3-3/4" Hurricane mill and tbg..Tag kill plug at 9010' and drill out plug in 22 minutes. Circ.hole clean with 2% KCL water. Left well flowing to production unit overnight. On 6/2/10 will continue to drill out frac plugs.</p> <p>Casing size: 4.5" 13.5#<br/> Casing depth: 11,208'</p> <p>Load from yesteday: 8690</p> <p>Perfs<br/> Zone# 1: 10695' - 10711'<br/> Zone# 2: 10644' - 10656'<br/> Zone# 3: 10171' - 10183'<br/> Zone# 4: 10112' - 10120'<br/> Zone# 5: 9934-9942'<br/> Zone# 6: 9568-9580'<br/> Zone# 7: 9486-9502'</p>                                                                                                                                                                                   |
| 6/3/2010 | 06:00 - 16:00 | 10.00 | STIM | 3        | <p>On 6/2/10 well was flowing to gas sales via the csg..Continueto drill out remains of the ocmpositie PB and 6 frac plug. Averaged 20 minutes per frac plug on drill out time. Clean ou the well to PBTD of 11168'. Spot biocide in the rat hole. Pull mill to 9357' Land bg.in the hanger and ND BOP's and NUWH. Drop ball and shear of pump off bit sub assembly. Turn well over to production department at 5:30PM on 6/2/10. On 6/3/10 will RDMO Rocky Mtn. WS. Report discontinued until further activity.</p> <p>Tbg.Detail: (6/2/10): Shear sub=0.91'; 1 jt.of tbg.=30.23'; 1.81" F" nipple=0.98'; 305 jts of tbg.=9310.66'; Hanger=0.80'; KB=14'. All tbg.is new 2-3/8" EUE 8rd 4.7# L-80. Tbg tail at 9357.58'; "F" nipple at 9326.44'.</p> <p>Load from yesterday: 8690</p> <p>Perfs:<br/> Zone#1: 10695-10711'<br/> Zone#2: 10644-10656'<br/> Zone#3: 10171-10183'<br/> Zone#4: 10112-10120'<br/> Zone#5: 9934-9942'<br/> Zone#6: 9588-9580'<br/> Zone#7: 9486-9502'</p> |
| 6/4/2010 | 06:00 - 16:00 | 10.00 | SWAB | 1        | <p>Casing size: 4.5" 13.5#<br/> Casing depth: 11,208'</p> <p>On 6/3/10 SITP and SICP=0# and well not selling. RU swab. Make 9 swab runs and recoverd 45 bbl.of wt water with IFL at surface and FFL at 500'. Tbg.started to flow to the pit for 1 hour and turn well over to production department. RDMO Rocky Mtn. WS.</p> <p>Tbg.Detail: (6/2/10): Shear sub=0.91'; 1 jt.of tbg.=30.23'; 1.81" F" nipple=0.98'; 305 jts of tbg.=9310.66'; Hanger=0.80'; KB=14'. All tbg.is new 2-3/8" EUE 8rd 4.7# L-80. Tbg tail at 9357.58'; "F" nipple at 9326.44'.</p>                                                                                                                                                                                                                                                                                                                                                                                                                         |

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**Operations Summary Report**

Well Name: RWU 43-15B (301)

Location: 15- 7-S 23-E 26

Rig Name: ROCKY MTN WS

Spud Date: 1/30/1986

Rig Release:

Rig Number: 3

| Date     | From - To     | Hours | Code | Sub<br>Code | Description of Operations                                                                                                                                                                                                                                                                            |
|----------|---------------|-------|------|-------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 6/4/2010 | 06:00 - 16:00 | 10.00 | SWAB | 1           | <p>Load from yesterday: 8690</p> <p>Perfs:<br/>Zone#1: 10695-10711'<br/>Zone#2: 10644-10656'<br/>Zone#3: 10171-10183'<br/>Zone#4: 10112-10120'<br/>Zone#5: 9934-9942'<br/>Zone#6: 9588-9580'<br/>Zone#7: 9486-9502'</p> <p>Casing size: 4.5" 13.5#<br/>Casing depth: 11,208'</p> <p>CONFIDENTIAL</p> |

Division of Oil, Gas and Mining  
**OPERATOR CHANGE WORKSHEET** (for state use only)

**ROUTING**  
**CDW**

Change of Operator (Well Sold)

**X - Operator Name Change**

The operator of the well(s) listed below has changed, effective:

**6/14/2010**

|                                                                                                                                                                |                                                                                                                                       |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| <b>FROM: (Old Operator):</b><br>N5085-Questar Exploration and Production Company<br>1050 17th St, Suite 500<br>Denver, CO 80265<br><br>Phone: 1 (303) 308-3048 | <b>TO: ( New Operator):</b><br>N3700-QEP Energy Company<br>1050 17th St, Suite 500<br>Denver, CO 80265<br><br>Phone: 1 (303) 308-3048 |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|

**CA No.**

**Unit:**

**RED WASH**

| WELL NAME    | SEC | TWN | RNG | API NO | ENTITY NO | LEASE TYPE | WELL TYPE | WELL STATUS |
|--------------|-----|-----|-----|--------|-----------|------------|-----------|-------------|
| SEE ATTACHED |     |     |     |        |           |            |           |             |
|              |     |     |     |        |           |            |           |             |

**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 6/28/2010
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 6/28/2010
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 6/24/2010
- Is the new operator registered in the State of Utah: Business Number: 764611-0143
- (R649-9-2) Waste Management Plan has been received on: Requested
- Inspections of LA PA state/fee well sites complete on: n/a
- Reports current for Production/Disposition & Sundries on: ok
- Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM 8/16/2010 BIA not yet
- Federal and Indian Units:**  
The BLM or BIA has approved the successor of unit operator for wells listed on: 8/16/2010
- Federal and Indian Communization Agreements ("CA"):**  
The BLM or BIA has approved the operator for all wells listed within a CA on: N/A
- Underground Injection Control ("UIC")** Division has approved UIC Form 5 Transfer of Authority to **Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: 6/29/2010

**DATA ENTRY:**

- Changes entered in the **Oil and Gas Database** on: 6/30/2010
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 6/30/2010
- Bond information entered in RBDMS on: 6/30/2010
- Fee/State wells attached to bond in RBDMS on: 6/30/2010
- Injection Projects to new operator in RBDMS on: 6/30/2010
- Receipt of Acceptance of Drilling Procedures for APD/New on: n/a

**BOND VERIFICATION:**

- Federal well(s) covered by Bond Number: ESB000024
- Indian well(s) covered by Bond Number: 965010693
- (R649-3-1) The **NEW** operator of any state/fee well(s) listed covered by Bond Number 965010695
- The **FORMER** operator has requested a release of liability from their bond on: n/a

**LEASE INTEREST OWNER NOTIFICATION:**

- (R649-2-10) The **NEW** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: n/a

**COMMENTS:**

**STATE OF UTAH**  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

|                                                                                                                                                                                                                                                  |  |                                                               |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|---------------------------------------------------------------|
| <b>SUNDRY NOTICES AND REPORTS ON WELLS</b>                                                                                                                                                                                                       |  | 5. LEASE DESIGNATION AND SERIAL NUMBER<br><b>See attached</b> |
| Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals. |  | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME:<br><b>See attached</b>  |
| 1. TYPE OF WELL<br>OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____                                                                                                                                               |  | 7. UNIT or CA AGREEMENT NAME:<br><b>See attached</b>          |
| 2. NAME OF OPERATOR:<br><b>Questar Exploration and Production Company</b> <i>N5085</i>                                                                                                                                                           |  | 8. WELL NAME and NUMBER:<br><b>See attached</b>               |
| 3. ADDRESS OF OPERATOR:<br>1050 17th Street, Suite 500 <i>Denver</i> STATE <i>CO</i> ZIP <i>80265</i>                                                                                                                                            |  | 9. API NUMBER:<br><b>Attached</b>                             |
| 4. LOCATION OF WELL<br>FOOTAGES AT SURFACE: <b>See attached</b>                                                                                                                                                                                  |  | 10. FIELD AND POOL, OR WILDCAT:<br><b>See attached</b>        |
| QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:                                                                                                                                                                                                     |  | COUNTY: <b>Attached</b><br><br>STATE: <b>UTAH</b>             |

| 11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                 |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| TYPE OF SUBMISSION                                                                                                                                                                                                                                          | TYPE OF ACTION                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <input checked="" type="checkbox"/> NOTICE OF INTENT<br>(Submit in Duplicate)<br><br>Approximate date work will start:<br><b>6/14/2010</b><br><br><input type="checkbox"/> SUBSEQUENT REPORT<br>(Submit Original Form Only)<br><br>Date of work completion: | <input type="checkbox"/> ACIDIZE<br><input type="checkbox"/> ALTER CASING<br><input type="checkbox"/> CASING REPAIR<br><input type="checkbox"/> CHANGE TO PREVIOUS PLANS<br><input type="checkbox"/> CHANGE TUBING<br><input type="checkbox"/> CHANGE WELL NAME<br><input type="checkbox"/> CHANGE WELL STATUS<br><input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS<br><input type="checkbox"/> CONVERT WELL TYPE | <input type="checkbox"/> DEEPEN<br><input type="checkbox"/> FRACTURE TREAT<br><input type="checkbox"/> NEW CONSTRUCTION<br><input type="checkbox"/> OPERATOR CHANGE<br><input type="checkbox"/> PLUG AND ABANDON<br><input type="checkbox"/> PLUG BACK<br><input type="checkbox"/> PRODUCTION (START/RESUME)<br><input type="checkbox"/> RECLAMATION OF WELL SITE<br><input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION | <input type="checkbox"/> REPERFORATE CURRENT FORMATION<br><input type="checkbox"/> SIDETRACK TO REPAIR WELL<br><input type="checkbox"/> TEMPORARILY ABANDON<br><input type="checkbox"/> TUBING REPAIR<br><input type="checkbox"/> VENT OR FLARE<br><input type="checkbox"/> WATER DISPOSAL<br><input type="checkbox"/> WATER SHUT-OFF<br><input checked="" type="checkbox"/> OTHER: <b>Operator Name Change</b> |

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Effective June 14, 2010 Questar Exploration and Production Company changed its name to QEP Energy Company. This name change involves only an internal corporate name change and no third party change of operator is involved. The same employees will continue to be responsible for operations of the properties described on the attached list. All operations will continue to be covered by bond numbers:

Federal Bond Number: 965002976 (BLM Reference No. ESB000024)

Utah State Bond Number: 965003033

Fee Land Bond Number: ~~965003033~~ *965010695*

BIA Bond Number: ~~799446~~ *965010693*

The attached document is an all inclusive list of the wells operated by Questar Exploration and Production Company. As of June 14, 2010 QEP Energy Company assumes all rights, duties and obligations as operator of the properties as described on the list

|                                            |                                         |
|--------------------------------------------|-----------------------------------------|
| NAME (PLEASE PRINT) <b>Morgan Anderson</b> | TITLE <b>Regulatory Affairs Analyst</b> |
| SIGNATURE <i>Morgan Anderson</i>           | DATE <b>6/23/2010</b>                   |

(This space for State use only)

**RECEIVED**

**JUN 28 2010**

DIV. OF OIL, GAS & MINING

(See Instructions on Reverse Side)

**APPROVED** *6/30/2009*

*Earlene Russell*  
**Division of Oil, Gas and Mining**  
**Earlene Russell, Engineering Technician**

Questar Exploration Production Company (N5085) to QEP Energy Company (N3700)  
RED WASH  
effective June 14, 2010

| well_name       | sec | tpw  | rng  | api        | entity | mineral<br>lease | type | stat | C |
|-----------------|-----|------|------|------------|--------|------------------|------|------|---|
| RW 34-23B       | 23  | 070S | 230E | 4304715136 | 5670   | Federal          | OW   | P    |   |
| RW 41-23B       | 23  | 070S | 230E | 4304715138 | 5670   | Federal          | OW   | P    |   |
| RW 32-22B       | 22  | 070S | 230E | 4304715139 | 5670   | Federal          | OW   | P    |   |
| RW 43-23B       | 23  | 070S | 230E | 4304715140 | 5670   | Federal          | OW   | P    |   |
| RW 32-17C       | 17  | 070S | 240E | 4304715145 | 5670   | Federal          | OW   | P    |   |
| RW 34-26B       | 26  | 070S | 230E | 4304715148 | 5670   | Federal          | GW   | TA   |   |
| RW 32-14B       | 14  | 070S | 230E | 4304715150 | 5670   | Federal          | OW   | P    |   |
| RW 34-14B       | 14  | 070S | 230E | 4304715152 | 5670   | Federal          | OW   | S    |   |
| RW 23-22B       | 22  | 070S | 230E | 4304715153 | 5670   | Federal          | OW   | TA   |   |
| RW 43-22B       | 22  | 070S | 230E | 4304715155 | 5670   | Federal          | OW   | P    |   |
| RW 32-23B       | 23  | 070S | 230E | 4304715156 | 5670   | Federal          | OW   | P    |   |
| RW 23-13B       | 13  | 070S | 230E | 4304715157 | 5670   | Federal          | GW   | TA   |   |
| RW 34-22B       | 22  | 070S | 230E | 4304715158 | 5670   | Federal          | OW   | P    |   |
| RW 32-13B       | 13  | 070S | 230E | 4304715163 | 5670   | Federal          | GW   | P    |   |
| RW 14-23B       | 23  | 070S | 230E | 4304715165 | 5670   | Federal          | OW   | S    |   |
| RW 14-24A       | 24  | 070S | 220E | 4304715166 | 17554  | Federal          | OW   | DRL  |   |
| RW 21-24B       | 24  | 070S | 230E | 4304715167 | 5670   | Federal          | OW   | TA   |   |
| RW 34-13B       | 13  | 070S | 230E | 4304715168 | 5670   | Federal          | OW   | P    |   |
| RW 21-29C       | 29  | 070S | 240E | 4304715169 | 5670   | Federal          | GW   | P    |   |
| RW 12-17B       | 17  | 070S | 230E | 4304715170 | 5670   | Federal          | OW   | P    |   |
| RW 32-33C       | 33  | 070S | 240E | 4304715171 | 5670   | Federal          | GW   | P    |   |
| RW 14-23A       | 23  | 070S | 220E | 4304715176 | 5670   | Federal          | OW   | P    |   |
| RW 12-18C       | 18  | 070S | 240E | 4304715183 | 5670   | Federal          | OW   | P    |   |
| RW 21-22B       | 22  | 070S | 230E | 4304715186 | 5670   | Federal          | GW   | TA   |   |
| RW 34-18B       | 18  | 070S | 230E | 4304715189 | 5670   | Federal          | OW   | P    |   |
| RW 21-27B       | 27  | 070S | 230E | 4304715191 | 5670   | Federal          | OW   | TA   |   |
| RW 23-22A       | 22  | 070S | 220E | 4304715192 | 5670   | Federal          | OW   | P    |   |
| RW 21-18C       | 18  | 070S | 240E | 4304715193 | 5670   | Federal          | OW   | P    |   |
| RW 12-13B       | 13  | 070S | 230E | 4304715196 | 5670   | Federal          | GW   | S    |   |
| RW 32-18C       | 18  | 070S | 240E | 4304715198 | 5670   | Federal          | GW   | P    |   |
| RWU 77 (21-13B) | 13  | 070S | 230E | 4304715199 | 5670   | Federal          | OW   | P    |   |
| RW 32-28B       | 28  | 070S | 230E | 4304715200 | 5670   | Federal          | OW   | P    |   |
| RW 12-27B       | 27  | 070S | 230E | 4304715201 | 5670   | Federal          | OW   | TA   |   |
| RW 14-27B       | 27  | 070S | 230E | 4304715202 | 5670   | Federal          | OW   | P    |   |
| RW 41-31B       | 31  | 070S | 230E | 4304715203 | 5670   | Federal          | OW   | P    |   |
| RW 41-27A       | 27  | 070S | 220E | 4304715205 | 5670   | Federal          | OW   | S    |   |
| RW 44-14B       | 14  | 070S | 230E | 4304715206 | 5670   | Federal          | GW   | P    |   |
| RW 43-21B       | 21  | 070S | 230E | 4304715211 | 5670   | Federal          | OW   | P    |   |
| RW 12-22A       | 22  | 070S | 220E | 4304715213 | 5670   | Federal          | OW   | P    |   |
| RW 12-22B       | 22  | 070S | 230E | 4304715218 | 5670   | Federal          | OW   | P    |   |
| RW 34-21B       | 21  | 070S | 230E | 4304715220 | 5670   | Federal          | OW   | P    |   |
| RW 34-15B       | 15  | 070S | 230E | 4304715222 | 5670   | Federal          | OW   | P    |   |
| RW 32-21B       | 21  | 070S | 230E | 4304715226 | 5670   | Federal          | OW   | P    |   |
| RW 21-28B       | 28  | 070S | 230E | 4304715227 | 5670   | Federal          | OW   | P    |   |

Bonds: BLM = ESB000024

BIA = 956010693

State = 965010695



Questar Exploration Production Company (N5085) to QEP Energy Company (N3700)  
RED WASH  
effective June 14, 2010

| well_name | sec | tpw  | rng  | api        | entity | mineral<br>lease | type | stat | C |
|-----------|-----|------|------|------------|--------|------------------|------|------|---|
| RW 23-23A | 23  | 070S | 220E | 4304715228 | 5670   | Federal          | OW   | P    |   |
| RW 32-24A | 24  | 070S | 220E | 4304715229 | 5670   | Federal          | OW   | P    |   |
| RW 32-28A | 28  | 070S | 220E | 4304715230 | 5670   | Federal          | OW   | S    |   |
| RW 21-19B | 19  | 070S | 230E | 4304715233 | 5670   | Federal          | OW   | P    |   |
| RW 43-29A | 29  | 070S | 220E | 4304715236 | 5670   | Federal          | OW   | S    | C |
| RW 23-28B | 28  | 070S | 230E | 4304715237 | 17525  | Federal          | OW   | P    | C |
| RW 13-13B | 13  | 070S | 230E | 4304715238 | 5670   | Federal          | GW   | P    |   |
| RW 24-14B | 14  | 070S | 230E | 4304715239 | 5670   | Federal          | OW   | P    |   |
| RW 41-29A | 29  | 070S | 220E | 4304715243 | 5670   | Federal          | OW   | P    |   |
| RW 14-15B | 15  | 070S | 230E | 4304715246 | 5670   | Federal          | OW   | P    |   |
| RW 41-34B | 34  | 070S | 230E | 4304715250 | 5670   | Federal          | OW   | P    |   |
| RW 41-30B | 30  | 070S | 230E | 4304715254 | 5670   | Federal          | OW   | P    |   |
| RW 24-22B | 22  | 070S | 230E | 4304715255 | 5670   | Federal          | OW   | P    |   |
| RW 33-14B | 14  | 070S | 230E | 4304715257 | 5670   | Federal          | OW   | P    |   |
| RW 21-18B | 18  | 070S | 230E | 4304715258 | 5670   | Federal          | OW   | TA   |   |
| RW 22-22B | 22  | 070S | 230E | 4304715260 | 5670   | Federal          | OW   | TA   | C |
| RW 42-14B | 14  | 070S | 230E | 4304715264 | 5670   | Federal          | OW   | P    |   |
| RW 14-29B | 29  | 070S | 230E | 4304715265 | 5670   | Federal          | OW   | P    |   |
| RW 32-30B | 30  | 070S | 230E | 4304715268 | 5670   | Federal          | OW   | P    |   |
| RW 32-15B | 15  | 070S | 230E | 4304715270 | 5670   | Federal          | OW   | P    |   |
| RW 12-20B | 20  | 070S | 230E | 4304715272 | 5670   | Federal          | OW   | S    |   |
| RW 12-28B | 28  | 070S | 230E | 4304715274 | 5670   | Federal          | OW   | P    |   |
| RW 32-26B | 26  | 070S | 230E | 4304715275 | 5670   | Federal          | GW   | TA   |   |
| RW 31-28B | 28  | 070S | 230E | 4304715283 | 5670   | Federal          | OW   | TA   |   |
| RW 34-30B | 30  | 070S | 230E | 4304715288 | 5670   | Federal          | OW   | P    |   |
| RW 23-26B | 26  | 070S | 230E | 4304715290 | 5670   | Federal          | GW   | S    |   |
| RW 41-33A | 33  | 070S | 220E | 4304715294 | 5670   | Federal          | OW   | P    |   |
| RW 43-24B | 24  | 070S | 230E | 4304715295 | 5670   | Federal          | GW   | TA   |   |
| RW 12-14B | 14  | 070S | 230E | 4304715296 | 5670   | Federal          | OW   | S    |   |
| RW 32-28C | 28  | 070S | 240E | 4304715302 | 5670   | Federal          | GW   | P    |   |
| RW 23-25A | 25  | 070S | 220E | 4304715305 | 5670   | Federal          | OW   | P    |   |
| RW 41-8F  | 08  | 080S | 240E | 4304720014 | 5670   | Federal          | GW   | P    |   |
| RW 44-21C | 21  | 070S | 240E | 4304730149 | 5670   | Federal          | GW   | S    |   |
| RW 13-27B | 27  | 070S | 230E | 4304730199 | 5670   | Federal          | OW   | TA   |   |
| RW 21-34B | 34  | 070S | 230E | 4304730258 | 5670   | Federal          | OW   | P    |   |
| RW 43-26B | 26  | 070S | 230E | 4304730259 | 5670   | Federal          | OW   | TA   |   |
| RW 14-18C | 18  | 070S | 240E | 4304730309 | 5670   | Federal          | OW   | P    |   |
| RW 12-26B | 26  | 070S | 230E | 4304730311 | 5670   | Federal          | OW   | TA   |   |
| RW 32-24B | 24  | 070S | 230E | 4304730313 | 5670   | Federal          | OW   | P    |   |
| RW 34-18C | 18  | 070S | 240E | 4304730314 | 5670   | Federal          | OW   | P    |   |
| RW 21-19C | 19  | 070S | 240E | 4304730340 | 5670   | Federal          | GW   | P    |   |
| RW 14-25B | 25  | 070S | 230E | 4304730341 | 5670   | Federal          | OW   | P    |   |
| RW 32-35B | 35  | 070S | 230E | 4304730342 | 5670   | Federal          | OW   | TA   |   |
| RW 12-36B | 36  | 070S | 230E | 4304730344 | 5670   | Federal          | OW   | S    |   |

Bonds: BLM = ESB000024

BIA = 956010693

State = 965010695

Questar Exploration Production Company (N5085) to QEP Energy Company (N3700)  
RED WASH  
effective June 14, 2010

| well_name | sec | tpw  | rng  | api        | entity | mineral<br>lease | type | stat | C |
|-----------|-----|------|------|------------|--------|------------------|------|------|---|
| RW 22-14B | 14  | 070S | 230E | 4304730345 | 5670   | Federal          | OW   | P    |   |
| RW 42-13B | 13  | 070S | 230E | 4304730346 | 5670   | Federal          | OW   | P    |   |
| RW 23-19C | 19  | 070S | 240E | 4304730348 | 5670   | Federal          | GW   | P    |   |
| RW 22-18C | 18  | 070S | 240E | 4304730387 | 5670   | Federal          | OW   | P    |   |
| RW 22-17C | 17  | 070S | 240E | 4304730388 | 5670   | Federal          | GW   | P    |   |
| RW 44-26B | 26  | 070S | 230E | 4304730520 | 5670   | Federal          | GW   | P    |   |
| RW 42-27B | 27  | 070S | 230E | 4304731051 | 5670   | Federal          | OW   | TA   |   |
| RW 44-27B | 27  | 070S | 230E | 4304731053 | 5670   | Federal          | OW   | TA   |   |
| RW 44-23B | 23  | 070S | 230E | 4304731054 | 5670   | Federal          | GW   | P    |   |
| RW 11-35B | 35  | 070S | 230E | 4304731079 | 5670   | Federal          | OW   | P    |   |
| RW 22-35B | 35  | 070S | 230E | 4304731082 | 5670   | Federal          | OW   | P    |   |
| RW 33-23B | 23  | 070S | 230E | 4304731476 | 5670   | Federal          | GW   | TA   |   |
| RW 11-24B | 24  | 070S | 230E | 4304731477 | 5670   | Federal          | OW   | P    |   |
| RW 42-21B | 21  | 070S | 230E | 4304731478 | 5670   | Federal          | OW   | P    |   |
| RW 13-24B | 24  | 070S | 230E | 4304731517 | 5670   | Federal          | OW   | P    |   |
| RW 42-23B | 23  | 070S | 230E | 4304731576 | 5670   | Federal          | GW   | TA   |   |
| RW 12-35B | 35  | 070S | 230E | 4304731578 | 5670   | Federal          | OW   | S    |   |
| RW 24-15B | 15  | 070S | 230E | 4304731579 | 5670   | Federal          | OW   | P    |   |
| RW 24-18C | 18  | 070S | 240E | 4304731582 | 5670   | Federal          | GW   | P    |   |
| RW 43-15B | 15  | 070S | 230E | 4304731682 | 17643  | Federal          | GW   | DRL  | C |
| RW 34-17B | 17  | 070S | 230E | 4304731819 | 5670   | Federal          | OW   | P    |   |
| RW 41-4F  | 04  | 080S | 240E | 4304732538 | 5670   | Federal          | GW   | TA   |   |
| RW 23-23C | 23  | 070S | 240E | 4304732629 | 5670   | Federal          | GW   | P    |   |
| RW 14-17B | 17  | 070S | 230E | 4304732738 | 5670   | Federal          | OW   | P    |   |
| RW 32-17B | 17  | 070S | 230E | 4304732981 | 5670   | Federal          | OW   | P    |   |
| RW 32-18B | 18  | 070S | 230E | 4304733018 | 5670   | Federal          | OW   | P    |   |
| RW 42-20B | 20  | 070S | 230E | 4304733490 | 5670   | Federal          | OW   | P    |   |
| RW 22-20B | 20  | 070S | 230E | 4304733491 | 5670   | Federal          | OW   | P    |   |
| RW 24-19B | 19  | 070S | 230E | 4304733492 | 5670   | Federal          | OW   | P    |   |
| RW 22-21B | 21  | 070S | 230E | 4304733522 | 5670   | Federal          | OW   | S    |   |
| RW 24-20B | 20  | 070S | 230E | 4304733523 | 5670   | Federal          | OW   | P    |   |
| RW 44-19B | 19  | 070S | 230E | 4304733524 | 5670   | Federal          | OW   | P    |   |
| RW 44-20B | 20  | 070S | 230E | 4304733525 | 5670   | Federal          | OW   | P    |   |
| RW 24-18B | 18  | 070S | 230E | 4304733554 | 5670   | Federal          | OW   | P    |   |
| RW 42-19B | 19  | 070S | 230E | 4304733556 | 5670   | Federal          | OW   | P    |   |
| RW 22-19B | 19  | 070S | 230E | 4304733559 | 5670   | Federal          | OW   | P    |   |
| RW 23-24A | 24  | 070S | 220E | 4304733567 | 5670   | Federal          | OW   | P    |   |
| RW 42-24A | 24  | 070S | 220E | 4304733569 | 5670   | Federal          | OW   | P    |   |
| RW 21-25A | 25  | 070S | 220E | 4304733576 | 5670   | Federal          | OW   | P    |   |
| RW 41-25A | 25  | 070S | 220E | 4304733579 | 5670   | Federal          | OW   | P    |   |
| RW 21-24A | 24  | 070S | 220E | 4304733592 | 5670   | Federal          | OW   | P    |   |
| RW 44-18B | 18  | 070S | 230E | 4304733594 | 5670   | Federal          | OW   | P    |   |
| RW 41-24A | 24  | 070S | 220E | 4304733769 | 5670   | Federal          | OW   | P    |   |
| RW 42-30B | 30  | 070S | 230E | 4304733771 | 5670   | Federal          | OW   | S    |   |

Bonds: BLM = ESB000024

BIA = 956010693

State = 965010695

Questar Exploration Production Company (N5085) to QEP Energy Company (N3700)  
RED WASH  
effective June 14, 2010

| well_name    | sec | tpw  | rng  | api        | entity | mineral<br>lease | type | stat | C |
|--------------|-----|------|------|------------|--------|------------------|------|------|---|
| RWU 44-30B   | 30  | 070S | 230E | 4304733772 | 5670   | Federal          | OW   | P    |   |
| RW 22-25A    | 25  | 070S | 220E | 4304733786 | 5670   | Federal          | OW   | P    |   |
| RW 34-27C    | 27  | 070S | 240E | 4304735045 | 5670   | Federal          | GW   | P    |   |
| RW 34-22C    | 22  | 070S | 240E | 4304735098 | 5670   | Federal          | GW   | P    |   |
| RW 34-23AG   | 23  | 070S | 220E | 4304735668 | 5670   | Federal          | OW   | P    |   |
| RWU 32-27AG  | 27  | 070S | 220E | 4304735670 | 5670   | Federal          | OW   | P    |   |
| RW 14-34AMU  | 34  | 070S | 220E | 4304735671 | 14277  | Federal          | GW   | P    |   |
| RW 44-08FG   | 08  | 080S | 240E | 4304736349 | 15261  | Federal          | GW   | P    |   |
| RW 34-34 AD  | 34  | 070S | 220E | 4304736351 | 16177  | Federal          | GW   | P    |   |
| RW 33-31 BD  | 31  | 070S | 230E | 4304736357 |        | Federal          | GW   | APD  | C |
| RW 13-31 BD  | 31  | 070S | 230E | 4304736358 |        | Federal          | GW   | APD  | C |
| RW 21-26AD   | 26  | 070S | 220E | 4304736768 | 5670   | Federal          | OW   | OPS  | C |
| RW 43-26AG   | 26  | 070S | 220E | 4304736769 | 16575  | Federal          | OW   | OPS  | C |
| RW 43-23AG   | 23  | 070S | 220E | 4304736770 | 5670   | Federal          | OW   | OPS  | C |
| RW 41-26AG   | 26  | 070S | 220E | 4304736818 | 5670   | Federal          | OW   | OPS  | C |
| RW 04-25B    | 25  | 070S | 230E | 4304736982 | 17224  | Federal          | OW   | P    |   |
| RW 34-27ADR  | 27  | 070S | 220E | 4304739445 | 16330  | Federal          | GW   | P    |   |
| RW 32-29CD   | 29  | 070S | 240E | 4304739854 |        | Federal          | GW   | APD  | C |
| RW 24-10FD   | 10  | 080S | 240E | 4304739963 |        | Federal          | GW   | APD  | C |
| RW 34-20CD   | 20  | 070S | 240E | 4304739964 |        | Federal          | GW   | APD  | C |
| RW 32-20CD   | 20  | 070S | 240E | 4304739965 |        | Federal          | GW   | APD  |   |
| RW 24-21CD   | 21  | 070S | 240E | 4304739966 |        | Federal          | GW   | APD  | C |
| RW 41-28CD   | 28  | 070S | 240E | 4304739967 |        | Federal          | GW   | APD  | C |
| RW 41-33CD   | 33  | 070S | 240E | 4304739968 |        | Federal          | GW   | APD  | C |
| RW 14-35 AMU | 35  | 070S | 220E | 4304740051 |        | Federal          | GW   | APD  | C |
| RW 44-35 AMU | 35  | 070S | 220E | 4304740052 |        | Federal          | GW   | APD  |   |
| RW 12-17FG   | 17  | 080S | 240E | 4304740602 |        | Federal          | GW   | APD  | C |

Bonds: BLM = ESB000024  
BIA = 956010693  
State = 965010695



## United States Department of the Interior

### BUREAU OF LAND MANAGEMENT

Utah State Office  
P.O. Box 45155  
Salt Lake City, UT 84145-0155  
<http://www.blm.gov/ut/st/en.html>



IN REPLY REFER TO:  
3100  
(UT-922)

JUL 28 2010

#### Memorandum

To: Vernal Field Office, Price Field Office, Moab Field Office  
From: Chief, Branch of Minerals *Roger L. Bankert*  
Subject: Name Change Recognized

Attached is a copy of the Certificate of Name Change issued by the Texas Secretary of State and a decision letter recognizing the name change from the Eastern States Office. We have updated our records to reflect the name change in the attached list of leases.

The name change from **Questar Exploration and Production Company** into **QEP Energy Company** is effective June 8, 2010.

cc: MMS  
UDOGM

RECEIVED  
AUG 16 2010  
DIV. OF OIL, GAS & MINES

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
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| <b>STATE OF UTAH</b><br>DEPARTMENT OF NATURAL RESOURCES<br>DIVISION OF OIL, GAS, AND MINING                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <b>FORM 9</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>SUNDRY NOTICES AND REPORTS ON WELLS</b><br><br>Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b><br>UTU-081                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>1. TYPE OF WELL</b><br>Gas Well                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>2. NAME OF OPERATOR:</b><br>QEP ENERGY COMPANY                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <b>7. UNIT or CA AGREEMENT NAME:</b><br>RED WASH                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>3. ADDRESS OF OPERATOR:</b><br>11002 East 17500 South, Vernal, Ut, 84078                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <b>8. WELL NAME and NUMBER:</b><br>RW 43-15B                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>PHONE NUMBER:</b><br>303 308-3068 Ext                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <b>9. API NUMBER:</b><br>43047316820000                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>4. LOCATION OF WELL</b><br><b>FOOTAGES AT SURFACE:</b><br>1898 FSL 0635 FEL<br><b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b><br>Qtr/Qtr: NESE Section: 15 Township: 07.0S Range: 23.0E Meridian: S                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <b>9. FIELD and POOL or WILDCAT:</b><br>RED WASH                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
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| <b>11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>TYPE OF SUBMISSION</b><br><br><input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b><br>Approximate date work will start:<br>12/20/2010<br><br><input type="checkbox"/> <b>SUBSEQUENT REPORT</b><br>Date of Work Completion:<br><br><input type="checkbox"/> <b>SPUD REPORT</b><br>Date of Spud:<br><br><input type="checkbox"/> <b>DRILLING REPORT</b><br>Report Date:                                                                                                                                                                                                                                                                                                       | <b>TYPE OF ACTION</b><br><br><table style="width: 100%; border: none;"> <tr> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ACIDIZE<br/> <input type="checkbox"/> CHANGE TO PREVIOUS PLANS<br/> <input type="checkbox"/> CHANGE WELL STATUS<br/> <input type="checkbox"/> DEEPEN<br/> <input type="checkbox"/> OPERATOR CHANGE<br/> <input type="checkbox"/> PRODUCTION START OR RESUME<br/> <input type="checkbox"/> REPERFORATE CURRENT FORMATION<br/> <input type="checkbox"/> TUBING REPAIR<br/> <input type="checkbox"/> WATER SHUTOFF<br/> <input checked="" type="checkbox"/> WILDCAT WELL DETERMINATION         </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ALTER CASING<br/> <input type="checkbox"/> CHANGE TUBING<br/> <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS<br/> <input type="checkbox"/> FRACTURE TREAT<br/> <input type="checkbox"/> PLUG AND ABANDON<br/> <input type="checkbox"/> RECLAMATION OF WELL SITE<br/> <input type="checkbox"/> SIDETRACK TO REPAIR WELL<br/> <input type="checkbox"/> VENT OR FLARE<br/> <input type="checkbox"/> SI TA STATUS EXTENSION<br/> <input type="checkbox"/> OTHER         </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> CASING REPAIR<br/> <input type="checkbox"/> CHANGE WELL NAME<br/> <input type="checkbox"/> CONVERT WELL TYPE<br/> <input type="checkbox"/> NEW CONSTRUCTION<br/> <input type="checkbox"/> PLUG BACK<br/> <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION<br/> <input type="checkbox"/> TEMPORARY ABANDON<br/> <input type="checkbox"/> WATER DISPOSAL<br/> <input type="checkbox"/> APD EXTENSION<br/>           OTHER: <span style="border: 1px solid black; padding: 0 5px;">Wildcat Tax Credit Appl</span> </td> </tr> </table> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | <input type="checkbox"/> ACIDIZE<br><input type="checkbox"/> CHANGE TO PREVIOUS PLANS<br><input type="checkbox"/> CHANGE WELL STATUS<br><input type="checkbox"/> DEEPEN<br><input type="checkbox"/> OPERATOR CHANGE<br><input type="checkbox"/> PRODUCTION START OR RESUME<br><input type="checkbox"/> REPERFORATE CURRENT FORMATION<br><input type="checkbox"/> TUBING REPAIR<br><input type="checkbox"/> WATER SHUTOFF<br><input checked="" type="checkbox"/> WILDCAT WELL DETERMINATION | <input type="checkbox"/> ALTER CASING<br><input type="checkbox"/> CHANGE TUBING<br><input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS<br><input type="checkbox"/> FRACTURE TREAT<br><input type="checkbox"/> PLUG AND ABANDON<br><input type="checkbox"/> RECLAMATION OF WELL SITE<br><input type="checkbox"/> SIDETRACK TO REPAIR WELL<br><input type="checkbox"/> VENT OR FLARE<br><input type="checkbox"/> SI TA STATUS EXTENSION<br><input type="checkbox"/> OTHER | <input type="checkbox"/> CASING REPAIR<br><input type="checkbox"/> CHANGE WELL NAME<br><input type="checkbox"/> CONVERT WELL TYPE<br><input type="checkbox"/> NEW CONSTRUCTION<br><input type="checkbox"/> PLUG BACK<br><input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION<br><input type="checkbox"/> TEMPORARY ABANDON<br><input type="checkbox"/> WATER DISPOSAL<br><input type="checkbox"/> APD EXTENSION<br>OTHER: <span style="border: 1px solid black; padding: 0 5px;">Wildcat Tax Credit Appl</span> |
| <input type="checkbox"/> ACIDIZE<br><input type="checkbox"/> CHANGE TO PREVIOUS PLANS<br><input type="checkbox"/> CHANGE WELL STATUS<br><input type="checkbox"/> DEEPEN<br><input type="checkbox"/> OPERATOR CHANGE<br><input type="checkbox"/> PRODUCTION START OR RESUME<br><input type="checkbox"/> REPERFORATE CURRENT FORMATION<br><input type="checkbox"/> TUBING REPAIR<br><input type="checkbox"/> WATER SHUTOFF<br><input checked="" type="checkbox"/> WILDCAT WELL DETERMINATION                                                                                                                                                                                            | <input type="checkbox"/> ALTER CASING<br><input type="checkbox"/> CHANGE TUBING<br><input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS<br><input type="checkbox"/> FRACTURE TREAT<br><input type="checkbox"/> PLUG AND ABANDON<br><input type="checkbox"/> RECLAMATION OF WELL SITE<br><input type="checkbox"/> SIDETRACK TO REPAIR WELL<br><input type="checkbox"/> VENT OR FLARE<br><input type="checkbox"/> SI TA STATUS EXTENSION<br><input type="checkbox"/> OTHER                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | <input type="checkbox"/> CASING REPAIR<br><input type="checkbox"/> CHANGE WELL NAME<br><input type="checkbox"/> CONVERT WELL TYPE<br><input type="checkbox"/> NEW CONSTRUCTION<br><input type="checkbox"/> PLUG BACK<br><input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION<br><input type="checkbox"/> TEMPORARY ABANDON<br><input type="checkbox"/> WATER DISPOSAL<br><input type="checkbox"/> APD EXTENSION<br>OTHER: <span style="border: 1px solid black; padding: 0 5px;">Wildcat Tax Credit Appl</span> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.</b><br>QEP Energy Company requests that the wildcat tax credit be applied to the above well. This is the first well with production from the Mesa Verde pool within a one mile radius at the time of completion (see attached map). The Mesa Verde Fm. is at 8340' in the subject wellbore, significantly deeper than the previously tested wells in the area. Gas production in this part of the basin has historically been from shallower horizons and therefore, this well should be considered wildcat in nature. Offset wells include: SEE ATTACHED |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Approved by the Utah Division of Oil, Gas and Mining</b><br><br>Date: <u>01/24/2011</u><br>By: <u><i>Dan K. Quist</i></u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>NAME (PLEASE PRINT)</b><br>Jan Nelson                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <b>PHONE NUMBER</b><br>435 781-4331                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>SIGNATURE</b><br>N/A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <b>TITLE</b><br>Permit Agent                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
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**The Utah Division of Oil, Gas, and Mining**

- State of Utah
- Department of Natural Resources

**Electronic Permitting System - Sundry Notices**

**Sundry Conditions of Approval Well Number 43047316820000**

**See attached Statement of Basis for more information.**

**Approved by the  
Utah Division of  
Oil, Gas and Mining**

**Date:** 01/24/2011  
**By:** Dan K. Quist

DIVISION OF OIL, GAS AND MINING  
/ **Wildcat Well Determination**  
**STATEMENT OF BASIS**

**Applicant:** QEP Energy Company

**Location:** NESE Sec 15 T070S R230E Uintah county, Utah

**WELL NAME:** RW 43-15B **API #:** 43-047-31682

**FINDINGS**

1. This well was originally completed on April 7, 1986 in the Green River formation, with a spud date of January 6, 1986 reaching a total depth of 5,900 feet.
2. Several wells in the surrounding 1-mile radius have produced out of the Green River formation.
3. A permit to deepen was approved on October 21, 2009.
4. Well was deepened and re-completed on June 3, 2010 in the Mesa Verde formation, with a spud date of April 29, 2010 reaching a total depth of 11,234 feet.
5. This well was > 1 mile from any known production in the Mesa Verde Formation at the time of the re-completion and the start of commercial production. (Attachment A)
6. There has been no production out of the Mesa Verde formation from wells within a 1-mile radius of this well. (See Attachment A for surrounding well information)

**CONCLUSIONS**

Based on the findings above the Division has determined the RW 43-15B was drilled into an unknown area for the Mesa Verde formation. The Division finds that this well qualifies for the severance tax exemption under Section 59-5-102(5)(b) for wildcat wells. This determination was made in accordance with the Utah Division of Oil, Gas and Mining General Conservation Rule R649-3-35. If the operator disagrees with this determination, the decision may be appealed to the Board of Oil, Gas and Mining.

Reviewer(s): Dustin K. Doucet *DKD*

**Date:** 01/24/2011  
**By:** *Dustin K. Doucet*

Joshua J. Payne

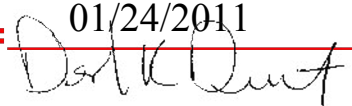
**Date:** January 18, 2011

**ATTACHMENT A**

1 Mile Area of Review

| API        | WELL NAME           | Well Status | QTR   | SECT | Town | Range | Cum Oil | Cum Gas | Field Type | Dx From Well(ft) | Rotar Spud | Date TD Reached | Date First Produced | Producing Formation |
|------------|---------------------|-------------|-------|------|------|-------|---------|---------|------------|------------------|------------|-----------------|---------------------|---------------------|
| 4304733733 | RWU 43-168          | LA          | NESE  | 16   | 070S | 230E  | 0       | 0       | D          | 1592             |            |                 |                     |                     |
| 4304731682 | RW 43-158           | PGW         | NESE  | 15   | 070S | 230E  | 31974   | 359196  | D          | 0                |            | 5/6/2010        | 5/29/2010           | Mesa Verde          |
| 4304731681 | RWU 300 (44-15B)    | LA          | SESE  | 15   | 070S | 230E  | 0       | 0       | D          | 481              |            |                 |                     |                     |
| 4304731579 | RW 24-15B           | POW         | SESW  | 15   | 070S | 230E  | 264041  | 365972  | D          | 942              |            |                 |                     |                     |
| 4304731577 | RW 11-22B           | PA          | NWNNW | 22   | 070S | 230E  | 50591   | 308921  | D          | 1474             |            |                 | 3/14/1985           | Green River         |
| 4304731516 | RWU 291 (22X-23B)   | PA          | SESW  | 23   | 070S | 230E  | 50744   | 59205   | D          | 1176             |            |                 | 2/23/1985           | Green River         |
| 4304731515 | RWU 290 (12X-23B)   | PA          | SWNNW | 23   | 070S | 230E  | 35649   | 94088   | D          | 1458             |            |                 | 1/16/1985           | Green River         |
| 4304731174 | WALKER HOLLOW 71    | LA          | SWSE  | 10   | 070S | 230E  | 0       | 0       | D          | 1288             |            |                 | 12/15/1984          | Green River         |
| 4304731025 | PEARL BROADHURST 22 | PA          | SESW  | 10   | 070S | 230E  | 21511   | 21268   | D          | 1542             |            |                 |                     |                     |
| 4304730345 | RW 22-14B           | POW         | SESW  | 14   | 070S | 230E  | 131020  | 669293  | D          | 916              |            |                 | 12/10/1981          | Green River         |
| 4304730192 | RW 22-23B           | PA          | SESW  | 23   | 070S | 230E  | 348993  | 236567  | D          | 1392             |            |                 | 9/7/1978            | Green River         |
| 4304730093 | WALKER HOLLOW 29    | SOW         | SWSW  | 11   | 070S | 230E  | 393660  | 373433  | D          | 1305             |            |                 | 4/15/1975           | Green River         |
| 4304716495 | RW 41-15B           | W/W         | NENE  | 15   | 070S | 230E  | 0       | 0       | D          | 822              |            |                 | 2/19/1971           | Green River         |
| 4304715296 | RW 12-14B           | SOW         | SWNNW | 14   | 070S | 230E  | 307368  | 824161  | D          | 641              |            |                 | 7/25/1962           | Green River         |
| 4304715293 | RWU 191 (21-14B)    | PA          | NENW  | 14   | 070S | 230E  | 219072  | 1109019 | D          | 1141             |            |                 | 6/27/1963           | Green River         |
| 4304715270 | RW 32-15B           | POW         | SWNE  | 15   | 070S | 230E  | 311317  | 670407  | D          | 562              |            |                 | 4/22/1963           | Green River         |
| 4304715267 | RW 23-15B           | W/W         | NESW  | 15   | 070S | 230E  | 304837  | 2076357 | D          | 832              |            |                 | 1/6/1962            | Green River         |
| 4304715263 | RW 31-22B           | PA          | NWNE  | 22   | 070S | 230E  | 0       | 0       | D          | 859              |            |                 | 10/12/1961          | Green River         |
| 4304715260 | RW 22-22B           | PGW         | SESW  | 22   | 070S | 230E  | 778938  | 1146958 | D          | 1434             |            |                 | 4/24/1961           | Green River         |
| 4304715257 | RW 33-14B           | POW         | NWSE  | 14   | 070S | 230E  | 738116  | 1519383 | D          | 1162             |            |                 | 3/20/1961           | Green River         |
| 4304715246 | RW 14-15B           | POW         | SWSW  | 15   | 070S | 230E  | 582682  | 490135  | D          | 1293             |            |                 | 2/20/1961           | Green River         |
| 4304715239 | RW 24-14B           | POW         | SESW  | 14   | 070S | 230E  | 623490  | 1006046 | D          | 831              |            |                 | 6/19/1960           | Green River         |
| 4304715222 | RW 34-15B           | POW         | SWSE  | 15   | 070S | 230E  | 450332  | 1046794 | D          | 481              |            |                 | 4/2/1960            | Green River         |
| 4304715212 | RW 11-23B           | PA          | NWNNW | 23   | 070S | 230E  | 729059  | 3445526 | D          | 867              |            |                 | 8/3/1959            | Green River         |
| 4304715190 | RW 42-22B           | PA          | SENE  | 22   | 070S | 230E  | 873610  | 2366429 | D          | 1193             |            |                 | 3/17/1959           | Green River         |
| 4304715186 | RW 21-22B           | TA          | NENW  | 22   | 070S | 230E  | 505712  | 752327  | D          | 1116             |            |                 | 10/1/1957           | Green River         |
| 4304715161 | RW 23-14B           | W/W         | NESW  | 14   | 070S | 230E  | 0       | 0       | D          | 783              |            |                 | 9/2/1957            | Green River         |
| 4304715160 | RW 14-14B           | PA          | SWSW  | 14   | 070S | 230E  | 1040076 | 883694  | D          | 558              |            |                 | 4/8/1955            | Green River         |
| 4304715155 | RW 43-22B           | DRL         | NESE  | 22   | 070S | 230E  | 934755  | 4597092 | D          | 1582             |            |                 | 12/21/1954          | Green River         |
| 4304715152 | RW 34-14B           | SOW         | SWSE  | 14   | 070S | 230E  | 1118090 | 2496628 | D          | 1225             |            |                 | 12/3/1953           | Green River         |
| 4304715151 | RW 21-23B           | W/W         | SESW  | 23   | 070S | 230E  | 0       | 0       | D          | 1128             |            |                 | 8/21/1953           | Green River         |
| 4304715150 | RW 32-14B           | POW         | SWNE  | 14   | 070S | 230E  | 597390  | 2073835 | D          | 1260             |            |                 | 6/19/1953           | Green River         |
| 4304715141 | RW 12-23B           | PA          | SWNNW | 23   | 070S | 230E  | 1279235 | 4029673 | D          | 1233             |            |                 | 3/26/1953           | Green River         |
| 4304715139 | RW 32-22B           | POW         | SWNE  | 22   | 070S | 230E  | 1146977 | 2842310 | D          | 1251             |            |                 | 2/3/1952            | Green River         |
| 4304715137 | RW 41-22B           | PA          | NENE  | 22   | 070S | 230E  | 724676  | 1071682 | D          | 790              |            |                 | 11/18/1951          | Green River         |
| 4304715287 | RW 31-23B           | PA          | NWNE  | 23   | 070S | 230E  | 561930  | 3485504 | D          | 1432             |            |                 | 8/31/1951           | Green River         |
| 4304715154 | RW 43-14B           | PA          | NESE  | 14   | 070S | 230E  | 517323  | 868908  | D          | 1587             |            |                 | 12/15/1962          | Green River         |
| 4304715154 | RW 43-14B           | PA          | NESE  | 14   | 070S | 230E  | 517323  | 868908  | D          | 1587             |            |                 | 11/3/1953           | Green River         |

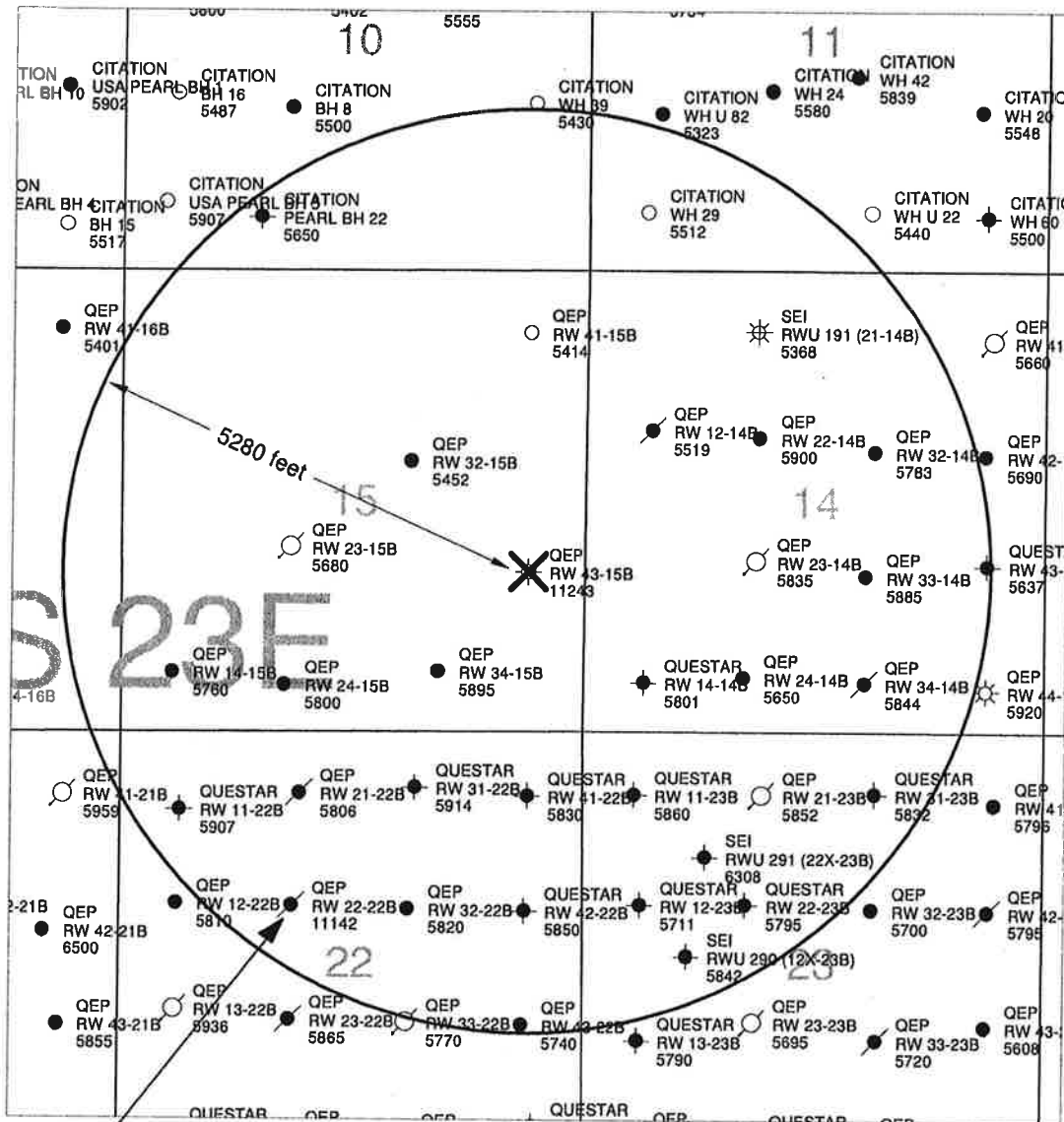
**Approved by the  
Utah Division of  
Oil, Gas and Mining**

**Date:** 01/24/2011  
**By:** 



| API            | WELL NAME          | WELL NUMBER | TD    | FORMATION AT TD |
|----------------|--------------------|-------------|-------|-----------------|
| 43047152930000 | RED WASH UNIT      | 191 21-14B  | 5368  | GRRV            |
| 43047164950000 | RED WASH UNIT      | 41-15B      | 5414  | GRRV            |
| 43047152700000 | RED WASH UNIT      | 32-15B      | 5452  | GRRV            |
| 43047300930000 | WALKER HOLLOW UNIT | 29          | 5512  | GRRV            |
| 43047152960000 | RED WASH UNIT      | 12-14B      | 5519  | GRRV            |
| 43047152390000 | RED WASH UNIT      | 24-14B      | 5650  | GRRV            |
| 43047310250000 | BROADHURST         | 22          | 5650  | GRRV            |
| 43047152670000 | RED WASH UNIT      | 23-15B      | 5680  | GRRV            |
| 43047151410000 | RED WASH UNIT      | 12-23B      | 5711  | GRRV            |
| 43047151550000 | RED WASH UNIT      | 43-22B      | 5740  | GRRV            |
| 43047152460000 | RED WASH UNIT      | 14-15B      | 5760  | GRRV            |
| 43047151500000 | RED WASH UNIT      | 32-14B      | 5783  | WSTC            |
| 43047301920000 | RED WASH UNIT      | 22-23B      | 5795  | GRRV            |
| 43047315790000 | RED WASH UNIT      | 24-15B      | 5800  | GRRV            |
| 43047151600000 | RED WASH UNIT      | 14-14B      | 5801  | GRRV            |
| 43047151860000 | RED WASH UNIT      | 21-22B      | 5806  | WSTC            |
| 43047151370000 | RED WASH UNIT      | 41-22B      | 5820  | GRRV            |
| 43047151390000 | RED WASH UNIT      | 32-22B      | 5820  | GRRV            |
| 43047152870000 | RED WASH UNIT      | 31-23B      | 5832  | GRRV            |
| 43047151610000 | RED WASH UNIT      | 23-14B      | 5835  | GRRV            |
| 43047315150000 | RED WASH UNIT      | 290 12X-23B | 5842  | WSTC            |
| 43047151520000 | RED WASH UNIT      | 34-14B      | 5844  | GRRV            |
| 43047151900000 | RED WASH UNIT      | 42-22B      | 5850  | WSTC            |
| 43047151510000 | RED WASH UNIT      | 21-23B      | 5852  | GRRV            |
| 43047152120000 | RED WASH UNIT      | 11-23B      | 5860  | WSTC            |
| 43047152570000 | RED WASH           | 33-14B      | 5885  | GRRV            |
| 43047152220000 | RED WASH UNIT      | 34-15B      | 5895  | WSTC            |
| 43047303450000 | RED WASH UNIT      | 22-14B      | 5900  | GRRV            |
| 43047315770000 | RED WASH UNIT      | 11-22B      | 5907  | WSTC            |
| 43047054740000 | RED WASH UNIT      | 31-22B      | 5914  | WSTC            |
| 43047315160000 | RED WASH UNIT      | 291 22X-23B | 6308  | WSTC            |
| 43047152600000 | RED WASH UNIT      | 22-22B      | 11142 | MRVD            |

R 23 E



Note: RW 22-22B was drilled subsequent to the RW 43-15B.

Well Symbol Key

- Location
- ☆ Gas
- Oil
- ⊙ Abd loc.
- ⊕ D&A
- ⊖ Inj
- ⊗ Inj P&A
- ⊘ Inj SI
- ⊙ O&G P&A
- ⊕ Oil P&A
- ⊗ Gas P&A



1:24000

1000 0 1000 2000 3000 ft

1050 17<sup>th</sup>, Suite 500  
Denver, Colorado 80265  
303 672-6900



QEP Energy Company

RW 43-15B

|                         |                                         |
|-------------------------|-----------------------------------------|
| Date: 15 December, 2010 | Geologist:                              |
| Tech:                   | Geophysicist:                           |
| Engineer:               | File: \\Unit\CJO_RAGTaxCR\RW_43-15B.gmp |

Division of Oil, Gas and Mining  
Operator Change/Name Change Worksheet-for State use only

Effective Date: 4/1/2018

| FORMER OPERATOR:                                                                                                                                                                          | NEW OPERATOR:                 |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| QEP Energy Company                                                                                                                                                                        | Middle Fork Energy Uinta, LLC |
| Groups: Red Wash<br>White River<br>Wonsits<br>Gypsum Hills<br>Big Valley<br>Stirrup So<br>Nemo<br>Kilimanjaro (Deep)<br>Scylla<br>South Red Wash<br>Glen Bench Enh Rec<br><ulligan<br>KJ2 |                               |

**WELL INFORMATION:**

| Well Name                         | API Number | Town | Dir | Range | Dir | Sec | Entity Number | Type | Status |
|-----------------------------------|------------|------|-----|-------|-----|-----|---------------|------|--------|
| See Attached List-1145 well total |            |      |     |       |     |     |               |      |        |

**OPERATOR CHANGES DOCUMENTATION:**

1. Sundry or legal documentation was received from the **FORMER** operator on: 9/10/2018
2. Sundry or legal documentation was received from the **NEW** operator on: 9/10/2018
3. New operator Division of Corporations Business Number: 10937942-0161

**REVIEW:**

- Receipt of Acceptance of Drilling Procedures for APD on: 9/15/2018
- Reports current for Production/Disposition & Sundries: 10/2/2018
- OPS/SI/TA well(s) reviewed for full cost bonding: Approved by Dustin 10/30/2018
- UIC5 on all disposal/injection/storage well(s) Approved on: Approved by Dayne 9/13/2018
- Surface Facility(s) included in operator change: All QEP Facilities-23 total

**NEW OPERATOR BOND VERIFICATION:**

- State/fee well(s) covered by Bond Number(s):
- LPM9291321
  - LPM9297845-Individual Bond
  - LPM9297846-Individual Bond

**DATA ENTRY:**

- Well(s) update in the RBDMS on: 10/31/2018
- Group(s) update in RDBMS on: 10/31/2018
- Surface Facilities update in RBDMS on: 10/31/2018
- Entities Updated in RBDMS on: 10/31/2018

**COMMENTS:**

From: QEP Energy Company  
 To: Middle Fork Energy Uinta, LLC  
 Effective: 4/1/2018

| Well Name          | API        | Town | Dir | Range | Dir | Sec | Entity Number | Well Type            | Well Status |
|--------------------|------------|------|-----|-------|-----|-----|---------------|----------------------|-------------|
| RW 41-20B          | 4304715146 | 7    | S   | 23    | E   | 20  | 5670          | Water Injection Well | Active      |
| RW 21-23B          | 4304715151 | 7    | S   | 23    | E   | 23  | 5670          | Water Injection Well | Active      |
| RW 23-14B          | 4304715161 | 7    | S   | 23    | E   | 14  | 5670          | Water Injection Well | Active      |
| RW 41-28B          | 4304715182 | 7    | S   | 23    | E   | 28  | 5670          | Water Injection Well | Active      |
| RW 43-21A          | 4304715219 | 7    | S   | 22    | E   | 21  | 5670          | Water Injection Well | Active      |
| RW 41-24A          | 4304715221 | 7    | S   | 22    | E   | 24  | 5670          | Water Injection Well | Active      |
| RW 13-22B          | 4304715261 | 7    | S   | 23    | E   | 22  | 5670          | Water Injection Well | Active      |
| RW 23-15B          | 4304715267 | 7    | S   | 23    | E   | 15  | 5670          | Water Injection Well | Active      |
| RW 21-20B          | 4304715281 | 7    | S   | 23    | E   | 20  | 5670          | Water Injection Well | Active      |
| RW 33-13B          | 4304715289 | 7    | S   | 23    | E   | 13  | 5670          | Water Injection Well | Active      |
| WV 16              | 4304715447 | 8    | S   | 21    | E   | 15  | 5265          | Water Injection Well | Active      |
| WV 21              | 4304715452 | 8    | S   | 21    | E   | 16  | 5265          | Water Injection Well | Active      |
| WV 31              | 4304715460 | 8    | S   | 21    | E   | 14  | 5265          | Water Injection Well | Active      |
| WV 36              | 4304715464 | 8    | S   | 21    | E   | 10  | 5265          | Water Injection Well | Active      |
| WV 41              | 4304715469 | 8    | S   | 21    | E   | 15  | 5265          | Water Injection Well | Active      |
| WV 50              | 4304715477 | 8    | S   | 21    | E   | 15  | 5265          | Water Injection Well | Active      |
| RW 12-24B          | 4304716477 | 7    | S   | 23    | E   | 24  | 5670          | Water Injection Well | Active      |
| RW 33-22B          | 4304716479 | 7    | S   | 23    | E   | 22  | 5670          | Water Injection Well | Active      |
| GH 3               | 4304720002 | 8    | S   | 21    | E   | 20  | 5355          | Water Injection Well | Active      |
| WV 59              | 4304720018 | 8    | S   | 21    | E   | 14  | 5265          | Water Injection Well | Active      |
| WV 60              | 4304720019 | 8    | S   | 21    | E   | 15  | 5265          | Water Injection Well | Active      |
| WV 67              | 4304720043 | 8    | S   | 21    | E   | 15  | 5265          | Water Injection Well | Active      |
| WV 68              | 4304720047 | 8    | S   | 21    | E   | 15  | 5265          | Water Injection Well | Active      |
| RW 41-33B          | 4304720060 | 7    | S   | 23    | E   | 33  | 5670          | Water Disposal Well  | Active      |
| WV 97              | 4304730014 | 8    | S   | 21    | E   | 11  | 5265          | Water Injection Well | Active      |
| WV 126             | 4304730796 | 8    | S   | 21    | E   | 21  | 5265          | Water Injection Well | Active      |
| GH 1-20            | 4304731006 | 8    | S   | 21    | E   | 20  | 5355          | Water Injection Well | Active      |
| GB 22-20           | 4304731356 | 8    | S   | 22    | E   | 20  | 13727         | Water Injection Well | Active      |
| WV 28-2            | 4304731524 | 8    | S   | 21    | E   | 11  | 5265          | Water Injection Well | Active      |
| GH 3-21            | 4304731604 | 8    | S   | 21    | E   | 21  | 5355          | Water Injection Well | Active      |
| WV 140             | 4304731707 | 8    | S   | 21    | E   | 15  | 5265          | Water Injection Well | Active      |
| WV 40-2            | 4304731798 | 8    | S   | 21    | E   | 10  | 5265          | Water Injection Well | Active      |
| WV 143             | 4304731808 | 8    | S   | 21    | E   | 10  | 5265          | Water Injection Well | Active      |
| WV 71-2            | 4304732449 | 8    | S   | 21    | E   | 15  | 5265          | Water Injection Well | Active      |
| WV 120             | 4304732462 | 8    | S   | 21    | E   | 22  | 5265          | Water Injection Well | Active      |
| GB 6-16            | 4304732549 | 8    | S   | 22    | E   | 16  | 13727         | Water Injection Well | Active      |
| GB 7-16            | 4304732582 | 8    | S   | 22    | E   | 16  | 13727         | Water Injection Well | Active      |
| GB 12-16           | 4304732583 | 8    | S   | 22    | E   | 16  | 13727         | Water Injection Well | Active      |
| GH 15              | 4304732648 | 8    | S   | 21    | E   | 20  | 5355          | Water Injection Well | Active      |
| GB 15-19-8-22      | 4304732756 | 8    | S   | 22    | E   | 19  | 13727         | Water Injection Well | Active      |
| FEDERAL 7-19-10-18 | 4304733244 | 10   | S   | 18    | E   | 19  | 14366         | Water Source Well    | Active      |



From: QEP Energy Company  
To: Middle Fork Energy Uinta, LLC  
Effective: 4/1/2018

|               |            |   |   |    |   |    |       |                      |                               |
|---------------|------------|---|---|----|---|----|-------|----------------------|-------------------------------|
| RW 13-19B     | 4304733497 | 7 | S | 23 | E | 19 | 5670  | Water Injection Well | Active                        |
| RW 13-20B     | 4304733498 | 7 | S | 23 | E | 20 | 5670  | Water Injection Well | Active                        |
| RW 33-19B     | 4304733499 | 7 | S | 23 | E | 19 | 5670  | Water Injection Well | Active                        |
| RW 11-30B     | 4304733785 | 7 | S | 23 | E | 30 | 5670  | Water Injection Well | Active                        |
| RW 33-30B     | 4304733790 | 7 | S | 23 | E | 30 | 5670  | Water Injection Well | Active                        |
| SU 3W-5-8-22  | 4304733987 | 8 | S | 22 | E | 5  | 13321 | Water Injection Well | Active                        |
| WV 3G-8-8-22  | 4304734596 | 8 | S | 22 | E | 8  | 5265  | Water Injection Well | Active                        |
| RW 43-27AGR   | 4304753680 | 7 | S | 22 | E | 27 | 5670  | Water Disposal Well  | Active                        |
| RW 11-33B SWD | 4304754035 | 7 | S | 23 | E | 33 |       | Water Disposal Well  | Active                        |
| RW H3-43-20C  | 4304755525 | 7 | S | 24 | E | 20 |       | Gas Well             | Approved Permit               |
| RW H2-43-20C  | 4304755526 | 7 | S | 24 | E | 20 |       | Gas Well             | Approved Permit               |
| RW H2-32-06F  | 4304755527 | 8 | S | 24 | E | 6  |       | Gas Well             | Approved Permit               |
| RW H3-32-06F  | 4304755528 | 8 | S | 24 | E | 6  |       | Gas Well             | Approved Permit               |
| RW H2-34-22C  | 4304755529 | 7 | S | 24 | E | 22 |       | Gas Well             | Approved Permit               |
| RW H2-44-21C  | 4304755530 | 7 | S | 24 | E | 21 |       | Gas Well             | Approved Permit               |
| RW H3-32-05F  | 4304755531 | 8 | S | 24 | E | 5  |       | Gas Well             | Approved Permit               |
| RW 08C-21A    | 4304755651 | 7 | S | 22 | E | 21 |       | Gas Well             | Approved Permit               |
| RW 07B1-21A   | 4304755652 | 7 | S | 22 | E | 21 |       | Gas Well             | Approved Permit               |
| RW 02C1-21A   | 4304755653 | 7 | S | 22 | E | 21 |       | Gas Well             | Approved Permit               |
| RW 02B1-21A   | 4304755654 | 7 | S | 22 | E | 21 |       | Gas Well             | Approved Permit               |
| RW 15C1-16A   | 4304755655 | 7 | S | 22 | E | 21 |       | Gas Well             | Approved Permit               |
| RW 15B1-16A   | 4304755656 | 7 | S | 22 | E | 21 |       | Gas Well             | Approved Permit               |
| RW 10C1-16A   | 4304755657 | 7 | S | 22 | E | 21 |       | Gas Well             | Approved Permit               |
| RW 10B1-16A   | 4304755658 | 7 | S | 22 | E | 21 |       | Gas Well             | Approved Permit               |
| RW 09B-16A    | 4304755659 | 7 | S | 22 | E | 16 |       | Gas Well             | Approved Permit               |
| RW 09C-16A    | 4304755660 | 7 | S | 22 | E | 16 |       | Gas Well             | Approved Permit               |
| RW 01B-21A    | 4304755661 | 7 | S | 22 | E | 21 |       | Gas Well             | Approved Permit               |
| RW 08B-21A    | 4304755662 | 7 | S | 22 | E | 16 |       | Gas Well             | Approved Permit               |
| RW 01C-21A    | 4304755663 | 7 | S | 22 | E | 21 |       | Gas Well             | Approved Permit               |
| RW 16B-16A    | 4304755664 | 7 | S | 22 | E | 21 |       | Gas Well             | Approved Permit               |
| RW 16C-16A    | 4304755665 | 7 | S | 22 | E | 21 |       | Gas Well             | Approved Permit               |
| KJ 42B-12A    | 4304755700 | 7 | S | 22 | E | 12 |       | Gas Well             | Approved Permit               |
| SR 21B-3G     | 4304755731 | 8 | S | 23 | E | 3  |       | Gas Well             | Approved Permit               |
| SR 21B-15G    | 4304755732 | 8 | S | 23 | E | 15 |       | Gas Well             | Approved Permit               |
| SU 8M-12-7-21 | 4304736096 | 7 | S | 21 | E | 12 | 16610 | Gas Well             | Drilling Operations Suspended |
| RW 21-26AD    | 4304736768 | 7 | S | 22 | E | 26 | 5670  | Oil Well             | Drilling Operations Suspended |
| TU 14-9-7-22  | 4304737345 | 7 | S | 22 | E | 9  | 16811 | Gas Well             | Drilling Operations Suspended |
| SU 11M-8-7-22 | 4304739175 | 7 | S | 22 | E | 8  | 18471 | Gas Well             | Drilling Operations Suspended |
| RW 2C1-23B    | 4304752303 | 7 | S | 23 | E | 23 | 18478 | Gas Well             | Drilling Operations Suspended |
| RW 2C4-23B    | 4304752304 | 7 | S | 23 | E | 23 | 18478 | Gas Well             | Drilling Operations Suspended |
| RW 7B1-23B    | 4304752305 | 7 | S | 23 | E | 23 | 18478 | Gas Well             | Drilling Operations Suspended |
| RW 7B4-23B    | 4304752306 | 7 | S | 23 | E | 23 | 18478 | Gas Well             | Drilling Operations Suspended |

From: QEP Energy Company  
To: Middle Fork Energy Uinta, LLC  
Effective: 4/1/2018

|             |            |   |   |    |   |    |       |                      |                               |
|-------------|------------|---|---|----|---|----|-------|----------------------|-------------------------------|
| RW 7C1-23B  | 4304752307 | 7 | S | 23 | E | 23 | 18478 | Gas Well             | Drilling Operations Suspended |
| RW 10B1-23B | 4304752309 | 7 | S | 23 | E | 23 | 18478 | Gas Well             | Drilling Operations Suspended |
| RW 10B4-23B | 4304752322 | 7 | S | 23 | E | 23 | 18478 | Gas Well             | Drilling Operations Suspended |
| RW 7C4-23B  | 4304752323 | 7 | S | 23 | E | 23 | 18478 | Gas Well             | Drilling Operations Suspended |
| RW 2B4-27B  | 4304752495 | 7 | S | 23 | E | 22 | 18478 | Gas Well             | Drilling Operations Suspended |
| RW 4B1-26B  | 4304752512 | 7 | S | 23 | E | 22 | 18478 | Gas Well             | Drilling Operations Suspended |
| RW 4B4-26B  | 4304752513 | 7 | S | 23 | E | 22 | 18478 | Gas Well             | Drilling Operations Suspended |
| RW 4C1-26B  | 4304752516 | 7 | S | 23 | E | 22 | 18478 | Gas Well             | Drilling Operations Suspended |
| RW 4C4-26B  | 4304752519 | 7 | S | 23 | E | 22 | 18478 | Gas Well             | Drilling Operations Suspended |
| RW 5B1-26B  | 4304752523 | 7 | S | 23 | E | 22 | 18478 | Gas Well             | Drilling Operations Suspended |
| RW 5B4-26B  | 4304752524 | 7 | S | 23 | E | 22 | 18478 | Gas Well             | Drilling Operations Suspended |
| RW 10B4-22B | 4304752532 | 7 | S | 23 | E | 22 | 18478 | Gas Well             | Drilling Operations Suspended |
| RW 10C1-22B | 4304752534 | 7 | S | 23 | E | 22 | 18478 | Gas Well             | Drilling Operations Suspended |
| RW 10C4-22B | 4304752535 | 7 | S | 23 | E | 22 | 18478 | Gas Well             | Drilling Operations Suspended |
| RW 13C1-23B | 4304752536 | 7 | S | 23 | E | 22 | 18478 | Gas Well             | Drilling Operations Suspended |
| RW 13C4-23B | 4304752537 | 7 | S | 23 | E | 22 | 18478 | Gas Well             | Drilling Operations Suspended |
| RW 15B1-22B | 4304752539 | 7 | S | 23 | E | 22 | 18478 | Gas Well             | Drilling Operations Suspended |
| RW 15C1-22B | 4304752540 | 7 | S | 23 | E | 22 | 18478 | Gas Well             | Drilling Operations Suspended |
| RW 15C4-22B | 4304752541 | 7 | S | 23 | E | 22 | 18478 | Gas Well             | Drilling Operations Suspended |
| RW 2B1-27B  | 4304752649 | 7 | S | 23 | E | 22 | 18478 | Gas Well             | Drilling Operations Suspended |
| RW 14-13B   | 4304715144 | 7 | S | 23 | E | 13 | 5670  | Water Injection Well | Inactive                      |
| RW 14-24B   | 4304716472 | 7 | S | 23 | E | 24 | 5670  | Water Injection Well | Inactive                      |
| RW 41-27B   | 4304716473 | 7 | S | 23 | E | 27 | 5670  | Water Injection Well | Inactive                      |
| RW 14-21B   | 4304716497 | 7 | S | 23 | E | 21 | 5670  | Water Injection Well | Inactive                      |
| RW 21-27A   | 4304730103 | 7 | S | 22 | E | 27 | 5670  | Water Injection Well | Inactive                      |
| RW 34-22A   | 4304730458 | 7 | S | 22 | E | 22 | 5670  | Water Injection Well | Inactive                      |
| RW 31-35B   | 4304730519 | 7 | S | 23 | E | 35 | 5670  | Water Injection Well | Inactive                      |
| RW 11-36B   | 4304731052 | 7 | S | 23 | E | 36 | 5670  | Water Injection Well | Inactive                      |
| GH 2-20     | 4304731066 | 8 | S | 21 | E | 20 | 5355  | Water Injection Well | Inactive                      |
| RW 31-26B   | 4304731077 | 7 | S | 23 | E | 26 | 5670  | Water Injection Well | Inactive                      |
| RW 42-35B   | 4304731081 | 7 | S | 23 | E | 35 | 5670  | Water Injection Well | Inactive                      |
| GH 8-I      | 4304731932 | 8 | S | 21 | E | 20 | 5355  | Water Injection Well | Inactive                      |
| GH 10       | 4304732306 | 8 | S | 21 | E | 21 | 5355  | Water Injection Well | Inactive                      |
| GH 12       | 4304732458 | 8 | S | 21 | E | 19 | 5355  | Water Injection Well | Inactive                      |
| GH 17       | 4304732649 | 8 | S | 21 | E | 20 | 5355  | Water Injection Well | Inactive                      |
| RW 23-17B   | 4304732739 | 7 | S | 23 | E | 17 | 5670  | Water Injection Well | Inactive                      |
| RW 43-17B   | 4304732980 | 7 | S | 23 | E | 17 | 5670  | Water Injection Well | Inactive                      |
| RW 43-18B   | 4304732982 | 7 | S | 23 | E | 18 | 5670  | Water Injection Well | Inactive                      |
| RW 11-20B   | 4304733553 | 7 | S | 23 | E | 20 | 5670  | Water Injection Well | Inactive                      |
| RW 31-19B   | 4304733555 | 7 | S | 23 | E | 19 | 5670  | Water Injection Well | Inactive                      |
| RW 11-29B   | 4304733590 | 7 | S | 23 | E | 29 | 5670  | Water Injection Well | Inactive                      |
| RW 12-24A   | 4304733591 | 7 | S | 22 | E | 24 | 5670  | Water Injection Well | Inactive                      |



From: QEP Energy Company  
To: Middle Fork Energy Uinta, LLC  
Effective: 4/1/2018

|                                |            |    |   |    |   |    |       |                      |                     |
|--------------------------------|------------|----|---|----|---|----|-------|----------------------|---------------------|
| RW 34-13A                      | 4304733593 | 7  | S | 22 | E | 13 | 5670  | Water Injection Well | Inactive            |
| GH 8G-17-8-21                  | 4304737992 | 8  | S | 21 | E | 17 | 5355  | Water Injection Well | Inactive            |
| NBE 12SWD-10-9-23              | 4304738875 | 9  | S | 23 | E | 10 | 16477 | Water Disposal Well  | Inactive            |
| WEST RIVER BEND 3-12-10-15     | 4301331888 | 10 | S | 15 | E | 12 | 14542 | Oil Well             | Plugged & Abandoned |
| WEST DESERT SPRING 11-20-10-17 | 4301332088 | 10 | S | 17 | E | 20 | 14545 | Oil Well             | Plugged & Abandoned |
| PETES WASH U 14-24 GR          | 4301333202 | 10 | S | 16 | E | 24 | 16232 | Oil Well             | Plugged & Abandoned |
| PETES WASH U 13-06 GR          | 4301333203 | 10 | S | 16 | E | 6  | 16233 | Oil Well             | Plugged & Abandoned |
| GILSONITE 11-02GR              | 4301333483 | 10 | S | 15 | E | 2  | 16211 | Gas Well             | Plugged & Abandoned |
| BIG WASH 61-16GR               | 4301333485 | 10 | S | 16 | E | 16 | 16192 | Oil Well             | Plugged & Abandoned |
| RW 34-27B                      | 4304715142 | 7  | S | 23 | E | 27 | 5670  | Water Injection Well | Plugged & Abandoned |
| RW 34-13B                      | 4304715168 | 7  | S | 23 | E | 13 | 5670  | Oil Well             | Plugged & Abandoned |
| RW 23-30B                      | 4304715172 | 7  | S | 23 | E | 30 | 5670  | Oil Well             | Plugged & Abandoned |
| RW 32-19B                      | 4304715174 | 7  | S | 23 | E | 19 | 5670  | Water Injection Well | Plugged & Abandoned |
| RW 12-29B                      | 4304715175 | 7  | S | 23 | E | 29 | 5670  | Oil Well             | Plugged & Abandoned |
| RW 34-21A                      | 4304715207 | 7  | S | 22 | E | 21 | 5670  | Oil Well             | Plugged & Abandoned |
| RW 34-19B                      | 4304715242 | 7  | S | 23 | E | 19 | 5670  | Oil Well             | Plugged & Abandoned |
| RW 43-19B                      | 4304715252 | 7  | S | 23 | E | 19 | 5670  | Oil Well             | Plugged & Abandoned |
| RW 21-18B                      | 4304715258 | 7  | S | 23 | E | 18 | 5670  | Oil Well             | Plugged & Abandoned |
| RW 21-30B                      | 4304715280 | 7  | S | 23 | E | 30 | 5670  | Oil Well             | Plugged & Abandoned |
| RW 34-28A                      | 4304715282 | 7  | S | 22 | E | 28 | 5670  | Oil Well             | Plugged & Abandoned |
| RW 41-16B                      | 4304715292 | 7  | S | 23 | E | 16 | 5670  | Oil Well             | Plugged & Abandoned |
| RW 43-24B                      | 4304715295 | 7  | S | 23 | E | 24 | 5670  | Gas Well             | Plugged & Abandoned |
| RW 21-34A                      | 4304715303 | 7  | S | 22 | E | 34 | 5670  | Water Injection Well | Plugged & Abandoned |
| FEDERAL 2-29-7-22              | 4304715423 | 7  | S | 22 | E | 29 | 5266  | Gas Well             | Plugged & Abandoned |
| WV 35                          | 4304715463 | 8  | S | 21 | E | 14 | 5265  | Water Injection Well | Plugged & Abandoned |
| UTAH FED D-1                   | 4304715936 | 7  | S | 24 | E | 14 | 10699 | Gas Well             | Plugged & Abandoned |
| UTAH FED D-2                   | 4304715937 | 7  | S | 24 | E | 25 | 9295  | Gas Well             | Plugged & Abandoned |
| PRINCE 1                       | 4304716199 | 7  | S | 24 | E | 10 | 7035  | Gas Well             | Plugged & Abandoned |
| RW 23-23B                      | 4304716476 | 7  | S | 23 | E | 23 | 5670  | Water Injection Well | Plugged & Abandoned |
| RW 12-27A                      | 4304716478 | 7  | S | 22 | E | 27 | 5670  | Water Injection Well | Plugged & Abandoned |
| RW 41-21B                      | 4304716482 | 7  | S | 23 | E | 21 | 5670  | Water Injection Well | Plugged & Abandoned |
| RW 21-21B                      | 4304716496 | 7  | S | 23 | E | 21 | 5670  | Water Injection Well | Plugged & Abandoned |
| WV 72                          | 4304720058 | 8  | S | 21 | E | 16 | 5265  | Water Injection Well | Plugged & Abandoned |
| WV 73                          | 4304720066 | 8  | S | 21 | E | 16 | 5265  | Water Injection Well | Plugged & Abandoned |
| WV 78                          | 4304720115 | 8  | S | 21 | E | 16 | 5265  | Water Injection Well | Plugged & Abandoned |
| RW 43-28A                      | 4304730058 | 7  | S | 22 | E | 28 | 5670  | Water Disposal Well  | Plugged & Abandoned |
| GH 6                           | 4304730099 | 8  | S | 21 | E | 20 | 5355  | Water Injection Well | Plugged & Abandoned |
| RW 13-27B                      | 4304730199 | 7  | S | 23 | E | 27 | 5670  | Oil Well             | Plugged & Abandoned |
| RW 43-26B                      | 4304730259 | 7  | S | 23 | E | 26 | 5670  | Oil Well             | Plugged & Abandoned |
| RW 14-18C                      | 4304730309 | 7  | S | 24 | E | 18 | 5670  | Oil Well             | Plugged & Abandoned |
| RW 12-26B                      | 4304730311 | 7  | S | 23 | E | 26 | 5670  | Oil Well             | Plugged & Abandoned |
| RW 12-36B                      | 4304730344 | 7  | S | 23 | E | 36 | 5670  | Oil Well             | Plugged & Abandoned |

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|---------------------------|------------|----|---|----|---|----|-------|----------------------|---------------------|
| RW 13-26B                 | 4304730522 | 7  | S | 23 | E | 26 | 5670  | Water Injection Well | Plugged & Abandoned |
| WV 136                    | 4304731047 | 8  | S | 21 | E | 21 | 5265  | Oil Well             | Plugged & Abandoned |
| UTAH FED D-4              | 4304731215 | 7  | S | 24 | E | 14 | 9297  | Gas Well             | Plugged & Abandoned |
| WR 43-16                  | 4304731354 | 8  | S | 22 | E | 16 | 5170  | Oil Well             | Plugged & Abandoned |
| GB 13-20                  | 4304731355 | 8  | S | 22 | E | 20 | 13727 | Oil Well             | Plugged & Abandoned |
| GB 3-17                   | 4304731556 | 8  | S | 22 | E | 17 | 13727 | Oil Well             | Plugged & Abandoned |
| RW 12-35B                 | 4304731578 | 7  | S | 23 | E | 35 | 5670  | Oil Well             | Plugged & Abandoned |
| RW 22-22A                 | 4304731581 | 7  | S | 22 | E | 22 | 5670  | Oil Well             | Plugged & Abandoned |
| WV 135-2                  | 4304732016 | 8  | S | 21 | E | 21 | 5265  | Oil Well             | Plugged & Abandoned |
| DESERT SPRINGS 20-1       | 4304732052 | 10 | S | 18 | E | 20 | 14366 | Oil Well             | Plugged & Abandoned |
| RW 41-4F                  | 4304732538 | 8  | S | 24 | E | 4  | 5670  | Gas Well             | Plugged & Abandoned |
| TOLL STATION ST 8-36-8-21 | 4304732724 | 8  | S | 21 | E | 36 | 12361 | Gas Well             | Plugged & Abandoned |
| OU SG 6-14-8-22           | 4304732746 | 8  | S | 22 | E | 14 | 11944 | Gas Well             | Plugged & Abandoned |
| GB 4-30-8-22              | 4304732755 | 8  | S | 22 | E | 30 | 13727 | Oil Well             | Plugged & Abandoned |
| WV 11 WG                  | 4304733085 | 8  | S | 21 | E | 12 | 17123 | Gas Well             | Plugged & Abandoned |
| WV 81 WG                  | 4304733086 | 8  | S | 21 | E | 24 | 17123 | Gas Well             | Plugged & Abandoned |
| FEDERAL 5-20-10-18        | 4304733245 | 10 | S | 18 | E | 20 | 14366 | Water Injection Well | Plugged & Abandoned |
| OU GB 12W-20-8-22         | 4304733249 | 8  | S | 22 | E | 20 | 13488 | Oil Well             | Plugged & Abandoned |
| WV 7W-13-8-21             | 4304733270 | 8  | S | 21 | E | 13 | 5265  | Gas Well             | Plugged & Abandoned |
| WV 3W-8-8-22              | 4304733493 | 8  | S | 22 | E | 8  | 17123 | Gas Well             | Plugged & Abandoned |
| WV 5W-7-8-22              | 4304733494 | 8  | S | 22 | E | 7  | 17123 | Gas Well             | Plugged & Abandoned |
| RW 33-20B                 | 4304733500 | 7  | S | 23 | E | 20 | 5670  | Water Injection Well | Plugged & Abandoned |
| RW 22-21B                 | 4304733522 | 7  | S | 23 | E | 21 | 5670  | Oil Well             | Plugged & Abandoned |
| WV 1W-12-8-21             | 4304733531 | 8  | S | 21 | E | 12 | 17123 | Gas Well             | Plugged & Abandoned |
| WV 1W-13-8-21             | 4304733532 | 8  | S | 21 | E | 13 | 5265  | Gas Well             | Plugged & Abandoned |
| WV 13W-12-8-21            | 4304733537 | 8  | S | 21 | E | 12 | 17123 | Gas Well             | Plugged & Abandoned |
| RW 11-19B                 | 4304733552 | 7  | S | 23 | E | 19 | 5670  | Water Injection Well | Plugged & Abandoned |
| RW 42-19B                 | 4304733556 | 7  | S | 23 | E | 19 | 5670  | Oil Well             | Plugged & Abandoned |
| WV 6G-16-8-21             | 4304733564 | 8  | S | 21 | E | 16 | 5265  | Oil Well             | Plugged & Abandoned |
| WV 16G-9-8-21             | 4304733565 | 8  | S | 21 | E | 9  | 5265  | Oil Well             | Plugged & Abandoned |
| RW 34-24A                 | 4304733568 | 7  | S | 22 | E | 24 | 5670  | Water Injection Well | Plugged & Abandoned |
| RW 42-24A                 | 4304733569 | 7  | S | 22 | E | 24 | 5670  | Oil Well             | Plugged & Abandoned |
| RW 11-25A                 | 4304733574 | 7  | S | 22 | E | 25 | 5670  | Water Injection Well | Plugged & Abandoned |
| RW 13-25A                 | 4304733575 | 7  | S | 22 | E | 25 | 5670  | Water Injection Well | Plugged & Abandoned |
| RW 31-25A                 | 4304733577 | 7  | S | 22 | E | 25 | 5670  | Water Injection Well | Plugged & Abandoned |
| RW 33-25A                 | 4304733578 | 7  | S | 22 | E | 25 | 5670  | Water Injection Well | Plugged & Abandoned |
| WV 3W-13-8-21             | 4304733603 | 8  | S | 21 | E | 13 | 17123 | Gas Well             | Plugged & Abandoned |
| WV 16W-2-8-21             | 4304733645 | 8  | S | 21 | E | 2  | 5265  | Oil Well             | Plugged & Abandoned |
| WV 12W-10-8-21            | 4304733659 | 8  | S | 21 | E | 10 | 17123 | Gas Well             | Plugged & Abandoned |
| OU GB 3W-16-8-22          | 4304733751 | 8  | S | 22 | E | 16 | 13577 | Gas Well             | Plugged & Abandoned |
| OU GB 11W-16-8-22         | 4304733754 | 8  | S | 22 | E | 16 | 13582 | Gas Well             | Plugged & Abandoned |
| RW 42-30B                 | 4304733771 | 7  | S | 23 | E | 30 | 5670  | Oil Well             | Plugged & Abandoned |



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|--------------------------|------------|----|---|----|---|----|-------|----------------------|---------------------|
| RW 31-30B                | 4304733788 | 7  | S | 23 | E | 30 | 5670  | Water Injection Well | Plugged & Abandoned |
| WV 10W-1-8-21            | 4304733794 | 8  | S | 21 | E | 1  | 17123 | Gas Well             | Plugged & Abandoned |
| WV 12W-7-8-22            | 4304733808 | 8  | S | 22 | E | 7  | 17123 | Gas Well             | Plugged & Abandoned |
| WV 6W-8-8-22             | 4304733811 | 8  | S | 22 | E | 8  | 17123 | Gas Well             | Plugged & Abandoned |
| WV 7W-8-8-22             | 4304733812 | 8  | S | 22 | E | 8  | 17123 | Gas Well             | Plugged & Abandoned |
| WV 1W-15-8-21            | 4304733902 | 8  | S | 21 | E | 15 | 17123 | Gas Well             | Plugged & Abandoned |
| WV 10W-11-8-21           | 4304733910 | 8  | S | 21 | E | 11 | 17123 | Gas Well             | Plugged & Abandoned |
| WV 8W-11-8-21            | 4304733957 | 8  | S | 21 | E | 11 | 17123 | Gas Well             | Plugged & Abandoned |
| WV 12W-18-8-22           | 4304733993 | 8  | S | 22 | E | 18 | 17123 | Gas Well             | Plugged & Abandoned |
| SU 13W-5-8-22            | 4304733994 | 8  | S | 22 | E | 5  | 13236 | Gas Well             | Plugged & Abandoned |
| WV 8W-1-8-21             | 4304734009 | 8  | S | 21 | E | 1  |       | Dry Hole             | Plugged & Abandoned |
| WV 5W-36-7-21            | 4304734099 | 7  | S | 21 | E | 36 |       | Dry Hole             | Plugged & Abandoned |
| WV 12G-1-8-21            | 4304734108 | 8  | S | 21 | E | 1  | 5265  | Oil Well             | Plugged & Abandoned |
| FED 9-17-10-18           | 4304734135 | 10 | S | 18 | E | 17 | 14366 | Water Injection Well | Plugged & Abandoned |
| GH 9W-17-8-21            | 4304734150 | 8  | S | 21 | E | 17 | 5355  | Oil Well             | Plugged & Abandoned |
| WV 16W-11-8-21           | 4304734155 | 8  | S | 21 | E | 11 | 5265  | Gas Well             | Plugged & Abandoned |
| WV 6W-12-8-21            | 4304734245 | 8  | S | 21 | E | 12 | 5265  | Gas Well             | Plugged & Abandoned |
| WV 12W-12-8-21           | 4304734248 | 8  | S | 21 | E | 12 | 17123 | Gas Well             | Plugged & Abandoned |
| WV 3W-12-8-21            | 4304734267 | 8  | S | 21 | E | 12 |       | Dry Hole             | Plugged & Abandoned |
| WV 4D-12-8-21            | 4304734268 | 8  | S | 21 | E | 12 |       | Dry Hole             | Plugged & Abandoned |
| WV 6W-14-8-21            | 4304734271 | 8  | S | 21 | E | 14 | 17123 | Gas Well             | Plugged & Abandoned |
| WV 9W-11-8-21            | 4304734274 | 8  | S | 21 | E | 11 |       | Dry Hole             | Plugged & Abandoned |
| WV 12W-14-8-21           | 4304734279 | 8  | S | 21 | E | 14 | 17123 | Gas Well             | Plugged & Abandoned |
| WV 14W-14-8-21           | 4304734281 | 8  | S | 21 | E | 14 | 17123 | Gas Well             | Plugged & Abandoned |
| WVX 13G-5-8-22           | 4304734389 | 8  | S | 22 | E | 5  | 13738 | Oil Well             | Plugged & Abandoned |
| WVX 15G-5-8-22           | 4304734390 | 8  | S | 22 | E | 5  | 13459 | Oil Well             | Plugged & Abandoned |
| SU BRENNAN W 15W-18-7-22 | 4304734403 | 7  | S | 22 | E | 18 | 18653 | Gas Well             | Plugged & Abandoned |
| WV 8W-7-8-22             | 4304734469 | 8  | S | 22 | E | 7  | 17123 | Gas Well             | Plugged & Abandoned |
| OU GB 16W-19-8-22        | 4304734522 | 8  | S | 22 | E | 19 | 13476 | Gas Well             | Plugged & Abandoned |
| OU GB 1W-30-8-22         | 4304734528 | 8  | S | 22 | E | 30 | 13487 | Gas Well             | Plugged & Abandoned |
| OU GB 6W-19-8-22         | 4304734534 | 8  | S | 22 | E | 19 | 13475 | Gas Well             | Plugged & Abandoned |
| OU GB 15W-19-8-22        | 4304734538 | 8  | S | 22 | E | 19 | 13482 | Gas Well             | Plugged & Abandoned |
| WVX 10W-17-8-21          | 4304734561 | 8  | S | 21 | E | 17 | 5355  | Oil Well             | Plugged & Abandoned |
| OU GB 8W-29-8-22         | 4304734575 | 8  | S | 22 | E | 29 | 13609 | Gas Well             | Plugged & Abandoned |
| OU GB 1W-20-8-22         | 4304734604 | 8  | S | 22 | E | 20 | 13612 | Oil Well             | Plugged & Abandoned |
| WRU GB 9MU-9-8-22        | 4304734650 | 8  | S | 22 | E | 9  | 13545 | Gas Well             | Plugged & Abandoned |
| OU GB 16W-16-8-22        | 4304734655 | 8  | S | 22 | E | 16 | 13815 | Oil Well             | Plugged & Abandoned |
| OU GB 8W-16-8-22         | 4304734660 | 8  | S | 22 | E | 16 | 13769 | Gas Well             | Plugged & Abandoned |
| OU GB 3W-21-8-22         | 4304734686 | 8  | S | 22 | E | 21 | 13746 | Oil Well             | Plugged & Abandoned |
| OU SG 7W-15-8-22         | 4304734722 | 8  | S | 22 | E | 15 | 13920 | Gas Well             | Plugged & Abandoned |
| STATE 3-16-10-18         | 4304734766 | 10 | S | 18 | E | 16 | 14366 | Oil Well             | Plugged & Abandoned |
| OU GB 15G-16-8-22        | 4304734829 | 8  | S | 22 | E | 16 | 13777 | Oil Well             | Plugged & Abandoned |

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|----------------------|------------|----|---|----|---|----|-------|----------|---------------------|
| WRU EIH 14W-26-8-22  | 4304734835 | 8  | S | 22 | E | 26 | 12528 | Gas Well | Plugged & Abandoned |
| OU SG 4W-11-8-22     | 4304735071 | 8  | S | 22 | E | 11 |       | Dry Hole | Plugged & Abandoned |
| OU SG 5W-11-8-22     | 4304735072 | 8  | S | 22 | E | 11 |       | Dry Hole | Plugged & Abandoned |
| SG 11SG-23-8-22      | 4304735099 | 8  | S | 22 | E | 23 | 13901 | Gas Well | Plugged & Abandoned |
| OU SG 14W-11-8-22    | 4304735114 | 8  | S | 22 | E | 11 |       | Dry Hole | Plugged & Abandoned |
| WH 7G-10-7-24        | 4304735241 | 7  | S | 24 | E | 10 | 14002 | Gas Well | Plugged & Abandoned |
| OU SG 13W-11-8-22    | 4304735377 | 8  | S | 22 | E | 11 | 14796 | Dry Hole | Plugged & Abandoned |
| SG 3MU-11-8-22       | 4304735379 | 8  | S | 22 | E | 11 | 14978 | Gas Well | Plugged & Abandoned |
| SG 2MU-11-8-22       | 4304735381 | 8  | S | 22 | E | 11 | 14636 | Gas Well | Plugged & Abandoned |
| OU GB 8MU-10-8-22    | 4304735422 | 8  | S | 22 | E | 10 |       | Dry Hole | Plugged & Abandoned |
| RWS 3ML-9-9-24       | 4304735483 | 9  | S | 24 | E | 9  | 15190 | Gas Well | Plugged & Abandoned |
| SG 11MU-14-8-22      | 4304735829 | 8  | S | 22 | E | 14 | 14486 | Gas Well | Plugged & Abandoned |
| NBE 8ML-12-9-23      | 4304736143 | 9  | S | 23 | E | 12 | 15859 | Gas Well | Plugged & Abandoned |
| EIH 2MU-36-8-22      | 4304736446 | 8  | S | 22 | E | 36 | 14840 | Gas Well | Plugged & Abandoned |
| RW 43-26AG           | 4304736769 | 7  | S | 22 | E | 26 | 16575 | Oil Well | Plugged & Abandoned |
| RW 43-23AG           | 4304736770 | 7  | S | 22 | E | 23 | 5670  | Oil Well | Plugged & Abandoned |
| NBZ 4D-30-8-24       | 4304737229 | 8  | S | 24 | E | 30 |       | Dry Hole | Plugged & Abandoned |
| NBZ 6ML-30-8-24      | 4304737230 | 8  | S | 24 | E | 30 |       | Dry Hole | Plugged & Abandoned |
| NBZ 10ML-30-8-24     | 4304737232 | 8  | S | 24 | E | 30 |       | Dry Hole | Plugged & Abandoned |
| NBZ 12D-30-8-24      | 4304737233 | 8  | S | 24 | E | 30 |       | Dry Hole | Plugged & Abandoned |
| NBZ 14ML-30-8-24     | 4304737234 | 8  | S | 24 | E | 30 |       | Dry Hole | Plugged & Abandoned |
| NBZ 6D-31-8-24       | 4304737235 | 8  | S | 24 | E | 31 |       | Dry Hole | Plugged & Abandoned |
| NBZ 4D-31-8-24       | 4304737236 | 8  | S | 24 | E | 31 |       | Dry Hole | Plugged & Abandoned |
| NBZ 2ML-31-8-24      | 4304737239 | 8  | S | 24 | E | 31 |       | Dry Hole | Plugged & Abandoned |
| NBZ 11D-29-8-24      | 4304737240 | 8  | S | 24 | E | 29 |       | Dry Hole | Plugged & Abandoned |
| NBZ 5D-29-8-24       | 4304737241 | 8  | S | 24 | E | 29 |       | Dry Hole | Plugged & Abandoned |
| NBZ 9D-29-8-24       | 4304737244 | 8  | S | 24 | E | 29 |       | Dry Hole | Plugged & Abandoned |
| NBZ 15ML-29-8-24     | 4304737246 | 8  | S | 24 | E | 29 |       | Dry Hole | Plugged & Abandoned |
| CWD 3D-32-8-24       | 4304737274 | 8  | S | 24 | E | 32 |       | Dry Hole | Plugged & Abandoned |
| RWS 8D-5-9-24        | 4304737307 | 9  | S | 24 | E | 5  |       | Dry Hole | Plugged & Abandoned |
| RWS 16ML-5-9-24      | 4304737311 | 9  | S | 24 | E | 5  |       | Dry Hole | Plugged & Abandoned |
| RWS 2D-6-9-24        | 4304737411 | 9  | S | 24 | E | 6  |       | Dry Hole | Plugged & Abandoned |
| WV 3D-13-8-21        | 4304737923 | 8  | S | 21 | E | 13 | 17123 | Gas Well | Plugged & Abandoned |
| WV 15AML-12-8-21     | 4304737925 | 8  | S | 21 | E | 12 | 17123 | Gas Well | Plugged & Abandoned |
| RW 12-32BG           | 4304737946 | 7  | S | 23 | E | 32 | 5670  | Gas Well | Plugged & Abandoned |
| HR 10MU-2-12-23      | 4304738055 | 12 | S | 23 | E | 2  |       | Dry Hole | Plugged & Abandoned |
| WF 8C-15-15-19       | 4304738405 | 15 | S | 19 | E | 15 |       | Dry Hole | Plugged & Abandoned |
| WRU EIH 14BD-35-8-22 | 4304738642 | 8  | S | 22 | E | 35 |       | Dry Hole | Plugged & Abandoned |
| RWS 5ML-9-9-24       | 4304738645 | 9  | S | 24 | E | 9  |       | Dry Hole | Plugged & Abandoned |
| RWS 12ML-9-9-24      | 4304738646 | 9  | S | 24 | E | 9  |       | Dry Hole | Plugged & Abandoned |
| GB 4SG-36-8-21       | 4304738764 | 8  | S | 21 | E | 36 | 16142 | Gas Well | Plugged & Abandoned |
| GB 7SG-36-8-21       | 4304738765 | 8  | S | 21 | E | 36 | 16144 | Gas Well | Plugged & Abandoned |



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| GB 12SG-29-8-22             | 4304738766 | 8  | S | 22 | E | 29 | 16096 | Gas Well | Plugged & Abandoned |
| GB 10SG-30-8-22             | 4304738767 | 8  | S | 22 | E | 30 | 16143 | Gas Well | Plugged & Abandoned |
| NBZ 10D-31-8-24             | 4304739456 | 8  | S | 24 | E | 31 |       | Dry Hole | Plugged & Abandoned |
| NBZ 12D-31-8-24             | 4304739457 | 8  | S | 24 | E | 31 |       | Dry Hole | Plugged & Abandoned |
| NBZ 14D-31-8-24             | 4304739458 | 8  | S | 24 | E | 31 |       | Dry Hole | Plugged & Abandoned |
| RWS 7D-6-9-24               | 4304739494 | 9  | S | 24 | E | 6  |       | Dry Hole | Plugged & Abandoned |
| RWS 9D-6-9-24               | 4304739497 | 9  | S | 24 | E | 6  |       | Dry Hole | Plugged & Abandoned |
| RWS 13D-5-9-24              | 4304739505 | 9  | S | 24 | E | 5  |       | Dry Hole | Plugged & Abandoned |
| WRU GB 14G-4-8-22           | 4304740097 | 8  | S | 22 | E | 4  | 4915  | Oil Well | Plugged & Abandoned |
| NBZ 16D-30-8-24             | 4304740355 | 8  | S | 24 | E | 30 |       | Dry Hole | Plugged & Abandoned |
| CWD 7D-32-8-24              | 4304740477 | 8  | S | 24 | E | 32 |       | Dry Hole | Plugged & Abandoned |
| CWD 9D-32-8-24              | 4304740478 | 8  | S | 24 | E | 32 |       | Dry Hole | Plugged & Abandoned |
| RWS 13D-9-9-24              | 4304740480 | 9  | S | 24 | E | 9  |       | Dry Hole | Plugged & Abandoned |
| NBZ 2D-30-8-24              | 4304740485 | 8  | S | 24 | E | 30 |       | Dry Hole | Plugged & Abandoned |
| RW 23-19B                   | 4304751725 | 7  | S | 23 | E | 19 | 5670  | Gas Well | Plugged & Abandoned |
| RW 24-25AGR                 | 4304753441 | 7  | S | 22 | E | 25 | 5670  | Oil Well | Plugged & Abandoned |
| WEST RIVER BEND 16-17-10-17 | 4301332057 | 10 | S | 17 | E | 17 | 14543 | Oil Well | Producing           |
| GD 1G-34-9-15               | 4301333827 | 9  | S | 15 | E | 34 | 18651 | Oil Well | Producing           |
| GD 16G-35-9-15              | 4301333833 | 9  | S | 15 | E | 35 | 18652 | Oil Well | Producing           |
| WR 4G-35-10-17              | 4301350414 | 10 | S | 17 | E | 35 | 18474 | Oil Well | Producing           |
| WR 9G-5-10-17               | 4301350417 | 10 | S | 17 | E | 5  | 18554 | Oil Well | Producing           |
| WR 6G-32-10-17              | 4301351631 | 10 | S | 17 | E | 32 | 17720 | Oil Well | Producing           |
| STATE 1                     | 4304715128 | 7  | S | 24 | E | 36 | 5878  | Gas Well | Producing           |
| RW 34-23B                   | 4304715136 | 7  | S | 23 | E | 23 | 5670  | Oil Well | Producing           |
| RW 41-23B                   | 4304715138 | 7  | S | 23 | E | 23 | 5670  | Oil Well | Producing           |
| RW 32-22B                   | 4304715139 | 7  | S | 23 | E | 22 | 18478 | Gas Well | Producing           |
| RW 43-23B                   | 4304715140 | 7  | S | 23 | E | 23 | 5670  | Oil Well | Producing           |
| RW 34-26B                   | 4304715148 | 7  | S | 23 | E | 26 | 18478 | Gas Well | Producing           |
| RW 32-14B                   | 4304715150 | 7  | S | 23 | E | 14 | 5670  | Oil Well | Producing           |
| RW 34-14B                   | 4304715152 | 7  | S | 23 | E | 14 | 18478 | Oil Well | Producing           |
| RW 23-22B                   | 4304715153 | 7  | S | 23 | E | 22 | 18478 | Gas Well | Producing           |
| RW 43-22B                   | 4304715155 | 7  | S | 23 | E | 22 | 17914 | Gas Well | Producing           |
| RW 32-23B                   | 4304715156 | 7  | S | 23 | E | 23 | 5670  | Oil Well | Producing           |
| RW 23-13B                   | 4304715157 | 7  | S | 23 | E | 13 | 17878 | Gas Well | Producing           |
| RW 34-22B                   | 4304715158 | 7  | S | 23 | E | 22 | 18478 | Gas Well | Producing           |
| RW 14-23B                   | 4304715165 | 7  | S | 23 | E | 23 | 18478 | Gas Well | Producing           |
| RW 14-24A                   | 4304715166 | 7  | S | 22 | E | 24 | 17554 | Gas Well | Producing           |
| RW 21-24B                   | 4304715167 | 7  | S | 23 | E | 24 | 18478 | Gas Well | Producing           |
| RW 21-29C                   | 4304715169 | 7  | S | 24 | E | 29 | 5670  | Gas Well | Producing           |
| RW 12-17B                   | 4304715170 | 7  | S | 23 | E | 17 | 5670  | Oil Well | Producing           |
| RW 32-33C                   | 4304715171 | 7  | S | 24 | E | 33 | 5670  | Gas Well | Producing           |
| RW 14-23A                   | 4304715176 | 7  | S | 22 | E | 23 | 18478 | Gas Well | Producing           |

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| RW 12-16B       | 4304715177 | 7 | S | 23 | E | 16 | 5670  | Oil Well | Producing |
| RW 14-18B       | 4304715178 | 7 | S | 23 | E | 18 | 18478 | Gas Well | Producing |
| RW 12-18C       | 4304715183 | 7 | S | 24 | E | 18 | 5670  | Oil Well | Producing |
| RW 21-22B       | 4304715186 | 7 | S | 23 | E | 22 | 18478 | Gas Well | Producing |
| RW 21-27B       | 4304715191 | 7 | S | 23 | E | 27 | 18478 | Gas Well | Producing |
| RW 23-22A       | 4304715192 | 7 | S | 22 | E | 22 | 5670  | Oil Well | Producing |
| RW 21-18C       | 4304715193 | 7 | S | 24 | E | 18 | 5670  | Oil Well | Producing |
| RW 12-13B       | 4304715196 | 7 | S | 23 | E | 13 | 18478 | Gas Well | Producing |
| RW 32-18C       | 4304715198 | 7 | S | 24 | E | 18 | 5670  | Gas Well | Producing |
| RWU 77 (21-13B) | 4304715199 | 7 | S | 23 | E | 13 | 5670  | Oil Well | Producing |
| RW 32-28B       | 4304715200 | 7 | S | 23 | E | 28 | 5670  | Oil Well | Producing |
| RW 12-27B       | 4304715201 | 7 | S | 23 | E | 27 | 17983 | Gas Well | Producing |
| RW 14-27B       | 4304715202 | 7 | S | 23 | E | 27 | 5670  | Oil Well | Producing |
| RW 41-31B       | 4304715203 | 7 | S | 23 | E | 31 | 5670  | Oil Well | Producing |
| RW 41-27A       | 4304715205 | 7 | S | 22 | E | 27 | 17880 | Gas Well | Producing |
| RW 44-14B       | 4304715206 | 7 | S | 23 | E | 14 | 17913 | Gas Well | Producing |
| RW 43-21B       | 4304715211 | 7 | S | 23 | E | 21 | 5670  | Oil Well | Producing |
| RW 12-22A       | 4304715213 | 7 | S | 22 | E | 22 | 5670  | Oil Well | Producing |
| RW 12-22B       | 4304715218 | 7 | S | 23 | E | 22 | 5670  | Oil Well | Producing |
| RW 34-21B       | 4304715220 | 7 | S | 23 | E | 21 | 5670  | Oil Well | Producing |
| RW 34-15B       | 4304715222 | 7 | S | 23 | E | 15 | 5670  | Oil Well | Producing |
| RW 32-21B       | 4304715226 | 7 | S | 23 | E | 21 | 5670  | Oil Well | Producing |
| RW 21-28B       | 4304715227 | 7 | S | 23 | E | 28 | 5670  | Oil Well | Producing |
| RW 23-23A       | 4304715228 | 7 | S | 22 | E | 23 | 5670  | Oil Well | Producing |
| RW 32-24A       | 4304715229 | 7 | S | 22 | E | 24 | 5670  | Oil Well | Producing |
| RW 32-28A       | 4304715230 | 7 | S | 22 | E | 28 | 18478 | Gas Well | Producing |
| RW 21-19B       | 4304715233 | 7 | S | 23 | E | 19 | 5670  | Oil Well | Producing |
| RW 23-28B       | 4304715237 | 7 | S | 23 | E | 28 | 17525 | Gas Well | Producing |
| RW 13-13B       | 4304715238 | 7 | S | 23 | E | 13 | 5670  | Gas Well | Producing |
| RW 24-14B       | 4304715239 | 7 | S | 23 | E | 14 | 5670  | Oil Well | Producing |
| RW 41-29A       | 4304715243 | 7 | S | 22 | E | 29 | 5670  | Oil Well | Producing |
| RW 14-15B       | 4304715246 | 7 | S | 23 | E | 15 | 5670  | Oil Well | Producing |
| RW 41-30B       | 4304715254 | 7 | S | 23 | E | 30 | 5670  | Oil Well | Producing |
| RW 24-22B       | 4304715255 | 7 | S | 23 | E | 22 | 5670  | Oil Well | Producing |
| RW 33-14B       | 4304715257 | 7 | S | 23 | E | 14 | 5670  | Oil Well | Producing |
| RW 22-22B       | 4304715260 | 7 | S | 23 | E | 22 | 17807 | Gas Well | Producing |
| RW 42-14B       | 4304715264 | 7 | S | 23 | E | 14 | 5670  | Oil Well | Producing |
| RW 14-29B       | 4304715265 | 7 | S | 23 | E | 29 | 18478 | Gas Well | Producing |
| RW 32-30B       | 4304715268 | 7 | S | 23 | E | 30 | 17718 | Gas Well | Producing |
| RW 32-15B       | 4304715270 | 7 | S | 23 | E | 15 | 5670  | Oil Well | Producing |
| RW 12-20B       | 4304715272 | 7 | S | 23 | E | 20 | 18478 | Gas Well | Producing |
| RW 12-28B       | 4304715274 | 7 | S | 23 | E | 28 | 5670  | Oil Well | Producing |



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| RW 32-26B       | 4304715275 | 7  | S | 23 | E | 26 | 18478 | Gas Well | Producing |
| RW 31-28B       | 4304715283 | 7  | S | 23 | E | 28 | 18478 | Oil Well | Producing |
| RW 34-30B       | 4304715288 | 7  | S | 23 | E | 30 | 5670  | Oil Well | Producing |
| RW 23-26B       | 4304715290 | 7  | S | 23 | E | 26 | 18478 | Gas Well | Producing |
| RW 12-14B       | 4304715296 | 7  | S | 23 | E | 14 | 18478 | Gas Well | Producing |
| RW 32-28C       | 4304715302 | 7  | S | 24 | E | 28 | 5670  | Gas Well | Producing |
| WV 43           | 4304715471 | 8  | S | 21 | E | 11 | 5265  | Oil Well | Producing |
| WV 48           | 4304715476 | 8  | S | 21 | E | 10 | 5265  | Oil Well | Producing |
| RW 43-28B       | 4304716475 | 7  | S | 23 | E | 28 | 18478 | Oil Well | Producing |
| RW 41-15B       | 4304716495 | 7  | S | 23 | E | 15 | 18478 | Gas Well | Producing |
| RW 41-14B       | 4304716498 | 7  | S | 23 | E | 14 | 18478 | Gas Well | Producing |
| WV 32           | 4304716513 | 8  | S | 21 | E | 16 | 5265  | Oil Well | Producing |
| WV 53           | 4304720003 | 8  | S | 21 | E | 10 | 5265  | Oil Well | Producing |
| WV 55           | 4304720005 | 8  | S | 21 | E | 14 | 5265  | Oil Well | Producing |
| RW 41-8F        | 4304720014 | 8  | S | 24 | E | 8  | 5670  | Gas Well | Producing |
| WV 62           | 4304720024 | 8  | S | 21 | E | 10 | 5265  | Oil Well | Producing |
| WV 65           | 4304720041 | 8  | S | 21 | E | 15 | 5265  | Oil Well | Producing |
| WV 74           | 4304720078 | 8  | S | 21 | E | 16 | 5265  | Oil Well | Producing |
| WV 75           | 4304720085 | 8  | S | 21 | E | 16 | 5265  | Oil Well | Producing |
| WV 103          | 4304730021 | 8  | S | 21 | E | 14 | 5265  | Oil Well | Producing |
| WV 105          | 4304730023 | 8  | S | 21 | E | 10 | 5265  | Oil Well | Producing |
| GH 4            | 4304730028 | 8  | S | 21 | E | 19 | 5355  | Oil Well | Producing |
| WV 109          | 4304730045 | 8  | S | 21 | E | 15 | 5265  | Oil Well | Producing |
| WV 110          | 4304730046 | 8  | S | 21 | E | 14 | 5265  | Oil Well | Producing |
| WV 112          | 4304730048 | 8  | S | 21 | E | 15 | 5265  | Oil Well | Producing |
| RW 32-24B       | 4304730313 | 7  | S | 23 | E | 24 | 5670  | Oil Well | Producing |
| RW 34-18C       | 4304730314 | 7  | S | 24 | E | 18 | 5670  | Oil Well | Producing |
| RW 21-19C       | 4304730340 | 7  | S | 24 | E | 19 | 5670  | Gas Well | Producing |
| RW 14-25B       | 4304730341 | 7  | S | 23 | E | 25 | 5670  | Oil Well | Producing |
| RW 22-14B       | 4304730345 | 7  | S | 23 | E | 14 | 5670  | Oil Well | Producing |
| RW 42-13B       | 4304730346 | 7  | S | 23 | E | 13 | 5670  | Oil Well | Producing |
| RW 23-19C       | 4304730348 | 7  | S | 24 | E | 19 | 5670  | Gas Well | Producing |
| RW 22-18C       | 4304730387 | 7  | S | 24 | E | 18 | 5670  | Oil Well | Producing |
| RW 24-26B       | 4304730518 | 7  | S | 23 | E | 26 | 18478 | Gas Well | Producing |
| RW 44-26B       | 4304730520 | 7  | S | 23 | E | 26 | 18478 | Gas Well | Producing |
| RW 33-26B       | 4304730521 | 7  | S | 23 | E | 26 | 17950 | Gas Well | Producing |
| KAYE STATE 1-16 | 4304730609 | 10 | S | 23 | E | 16 | 5395  | Gas Well | Producing |
| WV 124          | 4304730745 | 8  | S | 21 | E | 15 | 5265  | Oil Well | Producing |
| WV 128          | 4304730798 | 8  | S | 21 | E | 10 | 5265  | Oil Well | Producing |
| WV 132          | 4304730822 | 8  | S | 21 | E | 15 | 5265  | Oil Well | Producing |
| RW 42-27B       | 4304731051 | 7  | S | 23 | E | 27 | 17707 | Gas Well | Producing |
| RW 44-27B       | 4304731053 | 7  | S | 23 | E | 27 | 18478 | Gas Well | Producing |

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| RW 44-23B                 | 4304731054 | 7 | S | 23 | E | 23 | 5670  | Gas Well | Producing |
| GH 1-19                   | 4304731065 | 8 | S | 21 | E | 19 | 5355  | Oil Well | Producing |
| RW 22-35B                 | 4304731082 | 7 | S | 23 | E | 35 | 5670  | Oil Well | Producing |
| WV 134                    | 4304731118 | 8 | S | 21 | E | 16 | 5265  | Oil Well | Producing |
| RW 33-23B                 | 4304731476 | 7 | S | 23 | E | 23 | 17915 | Gas Well | Producing |
| RW 11-24B                 | 4304731477 | 7 | S | 23 | E | 24 | 5670  | Oil Well | Producing |
| RW 42-21B                 | 4304731478 | 7 | S | 23 | E | 21 | 18478 | Gas Well | Producing |
| RW 13-24B                 | 4304731517 | 7 | S | 23 | E | 24 | 5670  | Oil Well | Producing |
| WV 137                    | 4304731523 | 8 | S | 21 | E | 11 | 5265  | Oil Well | Producing |
| GH 23-21                  | 4304731541 | 8 | S | 21 | E | 21 | 5355  | Oil Well | Producing |
| GB 2-17                   | 4304731555 | 8 | S | 22 | E | 17 | 13727 | Oil Well | Producing |
| RW 42-23B                 | 4304731576 | 7 | S | 23 | E | 23 | 18478 | Gas Well | Producing |
| RW 24-15B                 | 4304731579 | 7 | S | 23 | E | 15 | 5670  | Oil Well | Producing |
| RW 24-18C                 | 4304731582 | 7 | S | 24 | E | 18 | 5670  | Gas Well | Producing |
| WV 141                    | 4304731609 | 8 | S | 21 | E | 16 | 5265  | Oil Well | Producing |
| WV 127                    | 4304731611 | 8 | S | 21 | E | 16 | 5265  | Oil Well | Producing |
| RW 43-15B                 | 4304731682 | 7 | S | 23 | E | 15 | 17643 | Gas Well | Producing |
| WV 133                    | 4304731706 | 8 | S | 21 | E | 15 | 5265  | Oil Well | Producing |
| WV 144                    | 4304731807 | 8 | S | 21 | E | 10 | 5265  | Oil Well | Producing |
| RW 34-17B                 | 4304731819 | 7 | S | 23 | E | 17 | 5670  | Oil Well | Producing |
| GH 4-21                   | 4304731826 | 8 | S | 21 | E | 21 | 5355  | Oil Well | Producing |
| GH 5-21                   | 4304731827 | 8 | S | 21 | E | 21 | 5355  | Oil Well | Producing |
| WV 121                    | 4304731873 | 8 | S | 21 | E | 14 | 17123 | Gas Well | Producing |
| GH 9                      | 4304732304 | 8 | S | 21 | E | 20 | 5355  | Oil Well | Producing |
| WV 130                    | 4304732307 | 8 | S | 21 | E | 22 | 5265  | Oil Well | Producing |
| GH 11                     | 4304732459 | 8 | S | 21 | E | 20 | 5355  | Oil Well | Producing |
| GH 13                     | 4304732460 | 8 | S | 21 | E | 21 | 5355  | Oil Well | Producing |
| WV 119                    | 4304732461 | 8 | S | 21 | E | 21 | 5265  | Oil Well | Producing |
| GB 8-19                   | 4304732476 | 8 | S | 22 | E | 19 | 13727 | Oil Well | Producing |
| EAST COYOTE FED 14-4-8-25 | 4304732493 | 8 | S | 25 | E | 4  | 11630 | Oil Well | Producing |
| RW 23-23C                 | 4304732629 | 7 | S | 24 | E | 23 | 5670  | Gas Well | Producing |
| GH 14                     | 4304732647 | 8 | S | 21 | E | 20 | 5355  | Oil Well | Producing |
| GH 18                     | 4304732650 | 8 | S | 21 | E | 20 | 5355  | Oil Well | Producing |
| GH 20                     | 4304732652 | 8 | S | 21 | E | 20 | 5355  | Oil Well | Producing |
| GH 16                     | 4304732675 | 8 | S | 21 | E | 20 | 5355  | Oil Well | Producing |
| PRINCE 4                  | 4304732677 | 7 | S | 24 | E | 3  | 7035  | Oil Well | Producing |
| RW 14-17B                 | 4304732738 | 7 | S | 23 | E | 17 | 5670  | Oil Well | Producing |
| RW 14-16B                 | 4304732785 | 7 | S | 23 | E | 16 | 5670  | Oil Well | Producing |
| RW 34-16B                 | 4304732786 | 7 | S | 23 | E | 16 | 5670  | Oil Well | Producing |
| GH 22 WG                  | 4304732818 | 8 | S | 21 | E | 22 | 12336 | Gas Well | Producing |
| WV 54 WG                  | 4304732821 | 8 | S | 22 | E | 7  | 17123 | Gas Well | Producing |
| WV 69 WG                  | 4304732829 | 8 | S | 22 | E | 18 | 17123 | Gas Well | Producing |



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| WV 38 WG                  | 4304732831 | 8  | S | 22 | E | 8  | 17123 | Gas Well | Producing |
| GB 11-16-8-22             | 4304732857 | 8  | S | 22 | E | 16 | 13727 | Oil Well | Producing |
| RW 32-17B                 | 4304732981 | 7  | S | 23 | E | 17 | 5670  | Oil Well | Producing |
| RW 32-18B                 | 4304733018 | 7  | S | 23 | E | 18 | 5670  | Oil Well | Producing |
| GB 8A-36-8-21             | 4304733037 | 8  | S | 21 | E | 36 | 12377 | Gas Well | Producing |
| WV 146 WG                 | 4304733128 | 8  | S | 22 | E | 19 | 17123 | Gas Well | Producing |
| DESERT SPRING 3-29-10-18  | 4304733162 | 10 | S | 18 | E | 29 | 14366 | Oil Well | Producing |
| DESERT SPRING 16-19-10-18 | 4304733164 | 10 | S | 18 | E | 19 | 14366 | Oil Well | Producing |
| WV 1W-14-8- 21            | 4304733220 | 8  | S | 21 | E | 14 | 17123 | Gas Well | Producing |
| WV 5W-13- 8-21            | 4304733221 | 8  | S | 21 | E | 13 | 17123 | Gas Well | Producing |
| WV 46 WG                  | 4304733241 | 8  | S | 22 | E | 7  | 17123 | Gas Well | Producing |
| WV 2W-16-8-21             | 4304733246 | 8  | S | 21 | E | 16 | 17123 | Gas Well | Producing |
| WV 2G-16-8-21             | 4304733247 | 8  | S | 21 | E | 16 | 5265  | Oil Well | Producing |
| OU GB 15-18-8-22          | 4304733364 | 8  | S | 22 | E | 18 | 12690 | Gas Well | Producing |
| WRU EIH 12W-35-8-22       | 4304733393 | 8  | S | 22 | E | 35 | 12528 | Gas Well | Producing |
| RW 42-20B                 | 4304733490 | 7  | S | 23 | E | 20 | 5670  | Oil Well | Producing |
| RW 22-20B                 | 4304733491 | 7  | S | 23 | E | 20 | 5670  | Oil Well | Producing |
| RW 24-19B                 | 4304733492 | 7  | S | 23 | E | 19 | 5670  | Oil Well | Producing |
| WV 11W-7-8-22             | 4304733495 | 8  | S | 22 | E | 7  | 17123 | Gas Well | Producing |
| WV 13W-7-8-22             | 4304733496 | 8  | S | 22 | E | 7  | 17123 | Gas Well | Producing |
| WV 1W-7-8-22              | 4304733501 | 8  | S | 22 | E | 7  | 17123 | Gas Well | Producing |
| WV 7WRG-7-8-22            | 4304733503 | 8  | S | 22 | E | 7  | 5265  | Oil Well | Producing |
| OU GB 3W-17-8-22          | 4304733513 | 8  | S | 22 | E | 17 | 12950 | Gas Well | Producing |
| OU GB 5W-17-8-22          | 4304733514 | 8  | S | 22 | E | 17 | 12873 | Gas Well | Producing |
| WV 9W-8-8-22              | 4304733515 | 8  | S | 22 | E | 8  | 13395 | Gas Well | Producing |
| OU GB 9W-18-8-22          | 4304733516 | 8  | S | 22 | E | 18 | 12997 | Gas Well | Producing |
| RW 24-20B                 | 4304733523 | 7  | S | 23 | E | 20 | 5670  | Oil Well | Producing |
| RW 44-19B                 | 4304733524 | 7  | S | 23 | E | 19 | 5670  | Oil Well | Producing |
| RW 44-20B                 | 4304733525 | 7  | S | 23 | E | 20 | 5670  | Oil Well | Producing |
| OU GB 3W-20-8-22          | 4304733526 | 8  | S | 22 | E | 20 | 13514 | Gas Well | Producing |
| WV 6W-16-8-21             | 4304733527 | 8  | S | 21 | E | 16 | 17123 | Gas Well | Producing |
| WV 3W-18-8-22             | 4304733533 | 8  | S | 22 | E | 18 | 17123 | Gas Well | Producing |
| WV 13W-18-8-22            | 4304733538 | 8  | S | 22 | E | 18 | 17123 | Gas Well | Producing |
| RW 24-18B                 | 4304733554 | 7  | S | 23 | E | 18 | 5670  | Oil Well | Producing |
| RW 22-19B                 | 4304733559 | 7  | S | 23 | E | 19 | 5670  | Oil Well | Producing |
| GH 10G-19-8-21            | 4304733566 | 8  | S | 21 | E | 19 | 5355  | Oil Well | Producing |
| RW 23-24A                 | 4304733567 | 7  | S | 22 | E | 24 | 5670  | Oil Well | Producing |
| GH 1W-32-8-21             | 4304733570 | 8  | S | 21 | E | 32 | 12797 | Gas Well | Producing |
| GH 3W-32-8-21             | 4304733571 | 8  | S | 21 | E | 32 | 12796 | Gas Well | Producing |
| GH 7W-32-8-21             | 4304733573 | 8  | S | 21 | E | 32 | 12872 | Gas Well | Producing |
| RW 21-25A                 | 4304733576 | 7  | S | 22 | E | 25 | 5670  | Oil Well | Producing |
| RW 41-25A                 | 4304733579 | 7  | S | 22 | E | 25 | 5670  | Oil Well | Producing |

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| RW 21-24A         | 4304733592 | 7  | S | 22 | E | 24 | 5670  | Oil Well | Producing |
| RW 44-18B         | 4304733594 | 7  | S | 23 | E | 18 | 5670  | Oil Well | Producing |
| WV 1W-21-8-21     | 4304733602 | 8  | S | 21 | E | 21 | 17123 | Gas Well | Producing |
| WV 3W-24-8-21     | 4304733605 | 8  | S | 21 | E | 24 | 17123 | Gas Well | Producing |
| WV 1W-24-8-21     | 4304733613 | 8  | S | 21 | E | 24 | 17123 | Gas Well | Producing |
| KENNEDY WASH 13-1 | 4304733615 | 8  | S | 22 | E | 13 | 12926 | Gas Well | Producing |
| WV 12W-16-8-21    | 4304733649 | 8  | S | 21 | E | 16 | 17123 | Gas Well | Producing |
| WV 12G-16-8-21    | 4304733650 | 8  | S | 21 | E | 16 | 5265  | Oil Well | Producing |
| WR 13W-3-8-22     | 4304733651 | 8  | S | 22 | E | 3  | 13544 | Gas Well | Producing |
| WV 2W-10-8-21     | 4304733655 | 8  | S | 21 | E | 10 | 5265  | Oil Well | Producing |
| WV 12G-10-8-21    | 4304733660 | 8  | S | 21 | E | 10 | 5265  | Oil Well | Producing |
| WV 15W-9-8-21     | 4304733661 | 8  | S | 21 | E | 9  | 17123 | Gas Well | Producing |
| WV 15G-9-8-21     | 4304733662 | 8  | S | 21 | E | 9  | 5265  | Oil Well | Producing |
| OU GB 12W-30-8-22 | 4304733670 | 8  | S | 22 | E | 30 | 13380 | Gas Well | Producing |
| GH 2W-32-8-21     | 4304733744 | 8  | S | 21 | E | 32 | 13029 | Gas Well | Producing |
| GH 4W-32-8-21     | 4304733745 | 8  | S | 21 | E | 32 | 13035 | Gas Well | Producing |
| GH 8W-32-8-21     | 4304733746 | 8  | S | 21 | E | 32 | 13030 | Gas Well | Producing |
| OU GB 5W-16-8-22  | 4304733752 | 8  | S | 22 | E | 16 | 13570 | Gas Well | Producing |
| GH 6W-32-8-21     | 4304733753 | 8  | S | 21 | E | 32 | 13036 | Gas Well | Producing |
| RW 41-24A         | 4304733769 | 7  | S | 22 | E | 24 | 5670  | Oil Well | Producing |
| RWU 44-30B        | 4304733772 | 7  | S | 23 | E | 30 | 5670  | Oil Well | Producing |
| RW 22-25A         | 4304733786 | 7  | S | 22 | E | 25 | 5670  | Oil Well | Producing |
| WV 6W-13-8-21     | 4304733792 | 8  | S | 21 | E | 13 | 17123 | Gas Well | Producing |
| WV 8W-13-8-21     | 4304733793 | 8  | S | 21 | E | 13 | 17123 | Gas Well | Producing |
| WV 10W-13-8-21    | 4304733795 | 8  | S | 21 | E | 13 | 17123 | Gas Well | Producing |
| WV 16W-13-8-21    | 4304733796 | 8  | S | 21 | E | 13 | 17123 | Gas Well | Producing |
| STATE 1-16-10-18  | 4304733807 | 10 | S | 18 | E | 16 | 14366 | Oil Well | Producing |
| WV 10W-7-8-22     | 4304733813 | 8  | S | 22 | E | 7  | 17123 | Gas Well | Producing |
| WV 10W-8-8-22     | 4304733814 | 8  | S | 22 | E | 8  | 13450 | Gas Well | Producing |
| WV 6W-7-8-22      | 4304733828 | 8  | S | 22 | E | 7  | 17123 | Gas Well | Producing |
| GH 7W-21-8-21     | 4304733845 | 8  | S | 21 | E | 21 | 13050 | Gas Well | Producing |
| GH 9W-21-8-21     | 4304733846 | 8  | S | 21 | E | 21 | 13074 | Gas Well | Producing |
| GH 11W-21-8-21    | 4304733847 | 8  | S | 21 | E | 21 | 13049 | Gas Well | Producing |
| GH 15W-21-8-21    | 4304733848 | 8  | S | 21 | E | 21 | 13051 | Gas Well | Producing |
| WV 5W-23-8-21     | 4304733860 | 8  | S | 21 | E | 23 | 5265  | Oil Well | Producing |
| WV 1W-23-8-21     | 4304733904 | 8  | S | 21 | E | 23 | 17123 | Gas Well | Producing |
| WV 2W-9-8-21      | 4304733905 | 8  | S | 21 | E | 9  | 13676 | Gas Well | Producing |
| WV 6W-11-8-21     | 4304733906 | 8  | S | 21 | E | 11 | 17123 | Gas Well | Producing |
| WV 7W-22-8-21     | 4304733907 | 8  | S | 21 | E | 22 | 13230 | Gas Well | Producing |
| WV 7W-24-8-21     | 4304733908 | 8  | S | 21 | E | 24 | 17123 | Gas Well | Producing |
| WV 9W-23-8-21     | 4304733909 | 8  | S | 21 | E | 23 | 13160 | Gas Well | Producing |
| WV 11W-17-8-21    | 4304733912 | 8  | S | 21 | E | 17 | 13228 | Gas Well | Producing |



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| WV 13W-15-8-21     | 4304733914 | 8 | S | 21 | E | 15 | 5265  | Oil Well | Producing |
| GH 14W-20-8-21     | 4304733915 | 8 | S | 21 | E | 20 | 13073 | Gas Well | Producing |
| GB 1W-36-8-21      | 4304733944 | 8 | S | 21 | E | 36 | 13439 | Gas Well | Producing |
| OU GB 9W-19-8-22   | 4304733946 | 8 | S | 22 | E | 19 | 13393 | Gas Well | Producing |
| OU GB 10W-30-8-22  | 4304733947 | 8 | S | 22 | E | 30 | 13389 | Gas Well | Producing |
| OU GB 12W-19-8-22  | 4304733948 | 8 | S | 22 | E | 19 | 13388 | Gas Well | Producing |
| WV 5W-17-8-21      | 4304733954 | 8 | S | 21 | E | 17 | 5355  | Gas Well | Producing |
| WV 7W-17-8-21      | 4304733956 | 8 | S | 21 | E | 17 | 13330 | Gas Well | Producing |
| GB 9W-25-8-21      | 4304733960 | 8 | S | 21 | E | 25 | 13390 | Gas Well | Producing |
| WV 12W-13-8-21     | 4304733961 | 8 | S | 21 | E | 13 | 17123 | Gas Well | Producing |
| WV 14W-13-8-21     | 4304733962 | 8 | S | 21 | E | 13 | 17123 | Gas Well | Producing |
| WV 15W-14-8-21     | 4304733963 | 8 | S | 21 | E | 14 | 17123 | Gas Well | Producing |
| SU 1W-5-8-22       | 4304733985 | 8 | S | 22 | E | 5  | 13369 | Gas Well | Producing |
| WV 2W-18-8-22      | 4304733986 | 8 | S | 22 | E | 18 | 17123 | Gas Well | Producing |
| SU 7W-5-8-22       | 4304733988 | 8 | S | 22 | E | 5  | 13235 | Gas Well | Producing |
| SU 9W-5-8-22       | 4304733990 | 8 | S | 22 | E | 5  | 13238 | Gas Well | Producing |
| WV 8W-8-8-22       | 4304734005 | 8 | S | 22 | E | 8  | 13320 | Gas Well | Producing |
| WV 14W-8-8-22      | 4304734007 | 8 | S | 22 | E | 8  | 13322 | Gas Well | Producing |
| OU GB 6W-9-8-22    | 4304734010 | 8 | S | 22 | E | 9  | 13545 | Gas Well | Producing |
| OU GB 5W-30-8-22   | 4304734025 | 8 | S | 22 | E | 30 | 13502 | Gas Well | Producing |
| WV 10G-2-8-21      | 4304734035 | 8 | S | 21 | E | 2  | 5265  | Oil Well | Producing |
| WV 14G-2-8-21      | 4304734036 | 8 | S | 21 | E | 2  | 5265  | Oil Well | Producing |
| WRU EIH 4W-35-8-22 | 4304734042 | 8 | S | 22 | E | 35 | 12528 | Gas Well | Producing |
| WRU EIH 3W-35-8-22 | 4304734044 | 8 | S | 22 | E | 35 | 12528 | Gas Well | Producing |
| WV 13G-2-8-21      | 4304734068 | 8 | S | 21 | E | 2  | 5265  | Oil Well | Producing |
| WV 3G-10-8-21      | 4304734106 | 8 | S | 21 | E | 10 | 13241 | Oil Well | Producing |
| WV 5G-16-8-21      | 4304734107 | 8 | S | 21 | E | 16 | 5265  | Oil Well | Producing |
| WV 15G-3-8-21      | 4304734109 | 8 | S | 21 | E | 3  | 13241 | Oil Well | Producing |
| WV 16G-3-8-21      | 4304734110 | 8 | S | 21 | E | 3  | 13241 | Oil Well | Producing |
| GB 6W-25-8-21      | 4304734121 | 8 | S | 21 | E | 25 | 13440 | Gas Well | Producing |
| GB 7W-25-8-21      | 4304734122 | 8 | S | 21 | E | 25 | 13436 | Gas Well | Producing |
| WV 2W-14-8-21      | 4304734140 | 8 | S | 21 | E | 14 | 17123 | Gas Well | Producing |
| GH 2W-21-8-21      | 4304734141 | 8 | S | 21 | E | 21 | 17123 | Gas Well | Producing |
| WV 3W-21-8-21      | 4304734143 | 8 | S | 21 | E | 21 | 17123 | Gas Well | Producing |
| WV 4W-13-8-21      | 4304734144 | 8 | S | 21 | E | 13 | 17123 | Gas Well | Producing |
| WV 4W-21-8-21      | 4304734145 | 8 | S | 21 | E | 21 | 17123 | Gas Well | Producing |
| GH 5W-21-8-21      | 4304734147 | 8 | S | 21 | E | 21 | 13387 | Gas Well | Producing |
| GH 6W-21-8-21      | 4304734148 | 8 | S | 21 | E | 21 | 13371 | Gas Well | Producing |
| GH 8W-21-8-21      | 4304734149 | 8 | S | 21 | E | 21 | 13293 | Gas Well | Producing |
| GH 10W-20-8-21     | 4304734151 | 8 | S | 21 | E | 20 | 13328 | Gas Well | Producing |
| GH 10W-21-8-21     | 4304734152 | 8 | S | 21 | E | 21 | 13378 | Gas Well | Producing |
| GH 12W-21-8-21     | 4304734153 | 8 | S | 21 | E | 21 | 13294 | Gas Well | Producing |

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| GH 14W-21-8-21       | 4304734154 | 8 | S | 21 | E | 21 | 13292         | Gas Well | Producing |
| GH 16W-17-8-21       | 4304734156 | 8 | S | 21 | E | 17 | 13354         | Gas Well | Producing |
| GH 16W-21-8-21       | 4304734157 | 8 | S | 21 | E | 21 | 13329         | Gas Well | Producing |
| WV 4W-23-8-21        | 4304734188 | 8 | S | 21 | E | 23 | 17123         | Gas Well | Producing |
| WV 14W-16-8-21       | 4304734192 | 8 | S | 21 | E | 16 | 17123         | Gas Well | Producing |
| WRU GB 4WRG-9-8-22   | 4304734208 | 8 | S | 22 | E | 9  | 4915          | Oil Well | Producing |
| OU GB 5W-20-8-22     | 4304734209 | 8 | S | 22 | E | 20 | 13414         | Gas Well | Producing |
| WRU EIH 13WX-35-8-22 | 4304734210 | 8 | S | 22 | E | 35 | 12528   13456 | Gas Well | Producing |
| WV 15W-16-8-21       | 4304734224 | 8 | S | 21 | E | 16 | 17123         | Gas Well | Producing |
| WV 16W-16-8-21       | 4304734225 | 8 | S | 21 | E | 16 | 17123         | Gas Well | Producing |
| WV 2W-22-8-21        | 4304734243 | 8 | S | 21 | E | 22 | 17123         | Gas Well | Producing |
| WV 8W-15-8-21        | 4304734247 | 8 | S | 21 | E | 15 | 17123         | Gas Well | Producing |
| WV 16W-10-8-21       | 4304734250 | 8 | S | 21 | E | 10 | 17123         | Gas Well | Producing |
| WV 16W-15-8-21       | 4304734251 | 8 | S | 21 | E | 15 | 5265          | Oil Well | Producing |
| WV 11W-14-8-21       | 4304734277 | 8 | S | 21 | E | 14 | 17123         | Gas Well | Producing |
| WV 14M-11-8-21       | 4304734280 | 8 | S | 21 | E | 11 | 17123         | Gas Well | Producing |
| WV 16G-14-8-21       | 4304734283 | 8 | S | 21 | E | 14 | 5265          | Oil Well | Producing |
| WV 1MU-16-8-21       | 4304734288 | 8 | S | 21 | E | 16 | 17123         | Gas Well | Producing |
| WV 3MU-15-8-21       | 4304734289 | 8 | S | 21 | E | 15 | 17123         | Gas Well | Producing |
| WV 4MU-15-8-21       | 4304734291 | 8 | S | 21 | E | 15 | 17123         | Gas Well | Producing |
| WV 5MU-15-8-21       | 4304734293 | 8 | S | 21 | E | 15 | 17123         | Gas Well | Producing |
| WV 6W-15-8-21        | 4304734294 | 8 | S | 21 | E | 15 | 17123         | Gas Well | Producing |
| WV 7W-16-8-21        | 4304734322 | 8 | S | 21 | E | 16 | 17123         | Gas Well | Producing |
| WV 8ML-16-8-21       | 4304734323 | 8 | S | 21 | E | 16 | 17123         | Gas Well | Producing |
| WV 10W-16-8-21       | 4304734326 | 8 | S | 21 | E | 16 | 17123         | Gas Well | Producing |
| GH 1W-20-8-21        | 4304734327 | 8 | S | 21 | E | 20 | 13451         | Gas Well | Producing |
| GH 2W-20-8-21        | 4304734328 | 8 | S | 21 | E | 20 | 13527         | Gas Well | Producing |
| GH 3W-20-8-21        | 4304734329 | 8 | S | 21 | E | 20 | 13728         | Gas Well | Producing |
| GH 7W-20-8-21        | 4304734332 | 8 | S | 21 | E | 20 | 13537         | Gas Well | Producing |
| GH 9W-20-8-21        | 4304734333 | 8 | S | 21 | E | 20 | 13411         | Gas Well | Producing |
| GH 11W-20-8-21       | 4304734334 | 8 | S | 21 | E | 20 | 13410         | Gas Well | Producing |
| GH 15W-20-8-21       | 4304734335 | 8 | S | 21 | E | 20 | 13407         | Gas Well | Producing |
| GH 16W-20-8-21       | 4304734336 | 8 | S | 21 | E | 20 | 13501         | Gas Well | Producing |
| WV 8M-23-8-21        | 4304734339 | 8 | S | 21 | E | 23 | 5265          | Oil Well | Producing |
| WV 8W-24-8-21        | 4304734340 | 8 | S | 21 | E | 24 | 17123         | Gas Well | Producing |
| WV 12W-23-8-21       | 4304734343 | 8 | S | 21 | E | 23 | 13430         | Gas Well | Producing |
| OU GB 13W-20-8-22    | 4304734348 | 8 | S | 22 | E | 20 | 13495         | Gas Well | Producing |
| OU GB 14W-20-8-22    | 4304734349 | 8 | S | 22 | E | 20 | 13507         | Gas Well | Producing |
| OU GB 11W-29-8-22    | 4304734350 | 8 | S | 22 | E | 29 | 13526         | Gas Well | Producing |
| WVX 11G-5-8-22       | 4304734388 | 8 | S | 22 | E | 5  | 13422         | Oil Well | Producing |
| OU GB 11W-30-8-22    | 4304734392 | 8 | S | 22 | E | 30 | 13433         | Gas Well | Producing |
| WV 2W-8-8-22         | 4304734468 | 8 | S | 22 | E | 8  | 17123         | Gas Well | Producing |



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| OU GB 5W-19-8-22    | 4304734514 | 8 | S | 22 | E | 19 | 13460 | Gas Well | Producing |
| OU GB 7W-19-8-22    | 4304734515 | 8 | S | 22 | E | 19 | 13462 | Gas Well | Producing |
| OU GB 8W-19-8-22    | 4304734516 | 8 | S | 22 | E | 19 | 13489 | Gas Well | Producing |
| OU GB 11W-19-8-22   | 4304734517 | 8 | S | 22 | E | 19 | 13467 | Gas Well | Producing |
| OU GB 3W-30-8-22    | 4304734529 | 8 | S | 22 | E | 30 | 13493 | Oil Well | Producing |
| OU GB 6W-30-8-22    | 4304734530 | 8 | S | 22 | E | 30 | 13519 | Gas Well | Producing |
| OU GB 8W-30-8-22    | 4304734532 | 8 | S | 22 | E | 30 | 13483 | Gas Well | Producing |
| OU GB 9W-30-8-22    | 4304734533 | 8 | S | 22 | E | 30 | 13500 | Gas Well | Producing |
| OU GB 13W-19-8-22   | 4304734536 | 8 | S | 22 | E | 19 | 13478 | Gas Well | Producing |
| OU GB 6W-17-8-22    | 4304734543 | 8 | S | 22 | E | 17 | 13536 | Oil Well | Producing |
| OU GB 6W-29-8-22    | 4304734545 | 8 | S | 22 | E | 29 | 13535 | Gas Well | Producing |
| OU GB 3W-29-8-22    | 4304734546 | 8 | S | 22 | E | 29 | 13509 | Gas Well | Producing |
| OU GB 13W-29-8-22   | 4304734547 | 8 | S | 22 | E | 29 | 13506 | Gas Well | Producing |
| OU GB 4W-29-8-22    | 4304734548 | 8 | S | 22 | E | 29 | 13534 | Gas Well | Producing |
| OU GB 14W-17-8-22   | 4304734550 | 8 | S | 22 | E | 17 | 13550 | Gas Well | Producing |
| OU GB 11W-17-8-22   | 4304734553 | 8 | S | 22 | E | 17 | 13671 | Gas Well | Producing |
| GHX 15W-17-8-21     | 4304734562 | 8 | S | 21 | E | 17 | 13674 | Gas Well | Producing |
| WV 8W-22-8-21       | 4304734564 | 8 | S | 21 | E | 22 | 5265  | Gas Well | Producing |
| WRU EIH 5W-35-8-22  | 4304734572 | 8 | S | 22 | E | 35 | 12528 | Gas Well | Producing |
| OU GB 1W-29-8-22    | 4304734573 | 8 | S | 22 | E | 29 | 13562 | Gas Well | Producing |
| OU GB 7W-29-8-22    | 4304734574 | 8 | S | 22 | E | 29 | 13564 | Gas Well | Producing |
| OU GB 9W-29-8-22    | 4304734576 | 8 | S | 22 | E | 29 | 13551 | Gas Well | Producing |
| OU GB 10W-29-8-22   | 4304734577 | 8 | S | 22 | E | 29 | 13594 | Gas Well | Producing |
| OU GB 15W-29-8-22   | 4304734578 | 8 | S | 22 | E | 29 | 13569 | Gas Well | Producing |
| OU GB 4W-16-8-22    | 4304734598 | 8 | S | 22 | E | 16 | 13579 | Gas Well | Producing |
| OU GB 2W-29-8-22    | 4304734600 | 8 | S | 22 | E | 29 | 13691 | Gas Well | Producing |
| OU GB 16W-17-8-22   | 4304734602 | 8 | S | 22 | E | 17 | 13639 | Gas Well | Producing |
| OU GB 16W-29-8-22   | 4304734603 | 8 | S | 22 | E | 29 | 13610 | Gas Well | Producing |
| GB 14MU-16-8-22     | 4304734619 | 8 | S | 22 | E | 16 | 14196 | Gas Well | Producing |
| OU GB 1W-17-8-22    | 4304734623 | 8 | S | 22 | E | 17 | 13701 | Gas Well | Producing |
| OU GB 9W-17-8-22    | 4304734624 | 8 | S | 22 | E | 17 | 13663 | Gas Well | Producing |
| OU GB 10W-17-8-22   | 4304734625 | 8 | S | 22 | E | 17 | 13684 | Gas Well | Producing |
| OU GB 9W-20-8-22    | 4304734630 | 8 | S | 22 | E | 20 | 13637 | Gas Well | Producing |
| OU GB 10W-20-8-22   | 4304734631 | 8 | S | 22 | E | 20 | 13682 | Gas Well | Producing |
| OU GB 15W-20-8-22   | 4304734632 | 8 | S | 22 | E | 20 | 13613 | Gas Well | Producing |
| OU WIH 15MU-21-8-22 | 4304734634 | 8 | S | 22 | E | 21 | 13991 | Gas Well | Producing |
| OU WIH 13W-21-8-22  | 4304734646 | 8 | S | 22 | E | 21 | 13745 | Gas Well | Producing |
| OU GB 11W-15-8-22   | 4304734648 | 8 | S | 22 | E | 15 | 13822 | Gas Well | Producing |
| OU GB 13W-9-8-22    | 4304734654 | 8 | S | 22 | E | 9  | 13706 | Gas Well | Producing |
| GB 1MU-16-8-22      | 4304734656 | 8 | S | 22 | E | 16 | 14251 | Gas Well | Producing |
| OU GB 2W-16-8-22    | 4304734657 | 8 | S | 22 | E | 16 | 13721 | Gas Well | Producing |
| OU GB 6W-16-8-22    | 4304734658 | 8 | S | 22 | E | 16 | 13592 | Gas Well | Producing |

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| OU GB 7W-16-8-22         | 4304734659 | 8  | S | 22 | E | 16 | 13747         | Gas Well | Producing |
| OU WIH 14W-21-8-22       | 4304734664 | 8  | S | 22 | E | 21 | 13720         | Gas Well | Producing |
| OU GB 12WX-29-8-22       | 4304734668 | 8  | S | 22 | E | 29 | 13555         | Gas Well | Producing |
| OU GB 15W-9-8-22         | 4304734678 | 8  | S | 22 | E | 9  | 4915          | Oil Well | Producing |
| OU GB 16W-9-8-22         | 4304734679 | 8  | S | 22 | E | 9  | 13545         | Gas Well | Producing |
| OU WIH 10W-21-8-22       | 4304734681 | 8  | S | 22 | E | 21 | 13662         | Gas Well | Producing |
| WRU EIH 6W-35-8-22       | 4304734684 | 8  | S | 22 | E | 35 | 12528   16723 | Gas Well | Producing |
| OU GB 4G-21-8-22         | 4304734685 | 8  | S | 22 | E | 21 | 13772         | Oil Well | Producing |
| OU WIH 7W-21-8-22        | 4304734689 | 8  | S | 22 | E | 21 | 13716         | Gas Well | Producing |
| OU GB 5W-21-8-22         | 4304734690 | 8  | S | 22 | E | 21 | 13770         | Oil Well | Producing |
| GB 11ML-10-8-22          | 4304734691 | 8  | S | 22 | E | 10 | 14818         | Gas Well | Producing |
| WIH 1MU-21-8-22          | 4304734693 | 8  | S | 22 | E | 21 | 14001         | Gas Well | Producing |
| OU GB 5G-19-8-22         | 4304734695 | 8  | S | 22 | E | 19 | 13786         | Oil Well | Producing |
| OU GB 1G-19-8-22         | 4304734696 | 8  | S | 22 | E | 19 | 13727         | Oil Well | Producing |
| OU GB 7W-20-8-22         | 4304734705 | 8  | S | 22 | E | 20 | 13710         | Gas Well | Producing |
| WRU EIH 11W-35-8-22      | 4304734708 | 8  | S | 22 | E | 35 | 12528         | Gas Well | Producing |
| OU SG 14W-15-8-22        | 4304734710 | 8  | S | 22 | E | 15 | 13821         | Gas Well | Producing |
| OU SG 15W-15-8-22        | 4304734711 | 8  | S | 22 | E | 15 | 13790         | Gas Well | Producing |
| OU SG 16W-15-8-22        | 4304734712 | 8  | S | 22 | E | 15 | 13820         | Gas Well | Producing |
| OU GB 5MU-15-8-22        | 4304734715 | 8  | S | 22 | E | 15 | 13900         | Gas Well | Producing |
| OU SG 8W-15-8-22         | 4304734717 | 8  | S | 22 | E | 15 | 13819         | Gas Well | Producing |
| GHX 13HG-17-8-21         | 4304734723 | 8  | S | 21 | E | 17 | 5355          | Oil Well | Producing |
| OU GB 14SG-29-8-22       | 4304734743 | 8  | S | 22 | E | 29 | 14034         | Gas Well | Producing |
| OU GB 16SG-29-8-22       | 4304734744 | 8  | S | 22 | E | 29 | 13771         | Gas Well | Producing |
| OU GB 6MU-21-8-22        | 4304734755 | 8  | S | 22 | E | 21 | 14012         | Gas Well | Producing |
| DESERT SPRING 7-30-10-18 | 4304734760 | 10 | S | 18 | E | 30 | 14366         | Oil Well | Producing |
| OU SG 10W-10-8-22        | 4304734764 | 8  | S | 22 | E | 10 | 13751         | Gas Well | Producing |
| STATE 11-16-10-18        | 4304734767 | 10 | S | 18 | E | 16 | 14366         | Oil Well | Producing |
| OU GB 14M-10-8-22        | 4304734768 | 8  | S | 22 | E | 10 | 13849         | Gas Well | Producing |
| OU GB 12M-10-8-22        | 4304734769 | 8  | S | 22 | E | 10 | 13545         | Gas Well | Producing |
| SU BW 6M-7-7-22          | 4304734837 | 7  | S | 22 | E | 7  | 13966         | Gas Well | Producing |
| GB 7MU-36-8-21           | 4304734893 | 8  | S | 21 | E | 36 | 14591         | Gas Well | Producing |
| GB 3W-36-8-21            | 4304734894 | 8  | S | 21 | E | 36 | 13791         | Gas Well | Producing |
| GB 3M-27-8-21            | 4304734900 | 8  | S | 21 | E | 27 | 14614         | Gas Well | Producing |
| WVX 11D-22-8-21          | 4304734902 | 8  | S | 21 | E | 22 | 14632         | Gas Well | Producing |
| GB 5W-36-8-21            | 4304734925 | 8  | S | 21 | E | 36 | 13808         | Gas Well | Producing |
| GB 4MU-36-8-21           | 4304734926 | 8  | S | 21 | E | 36 | 14589         | Gas Well | Producing |
| GH 1G-17-8-21            | 4304734927 | 8  | S | 21 | E | 17 | 5355          | Oil Well | Producing |
| WVX 2W-17-8-21           | 4304734928 | 8  | S | 21 | E | 17 | 14253         | Gas Well | Producing |
| WVX 8W-17-8-21           | 4304734929 | 8  | S | 21 | E | 17 | 13792         | Gas Well | Producing |
| GB 11M-27-8-21           | 4304734952 | 8  | S | 21 | E | 27 | 13809         | Gas Well | Producing |
| GB 9D-27-8-21            | 4304734956 | 8  | S | 21 | E | 27 | 14633         | Gas Well | Producing |



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| GB 1D-27-8-21        | 4304734957 | 8  | S | 21 | E | 27 | 14634         | Gas Well | Producing |
| RW 34-27C            | 4304735045 | 7  | S | 24 | E | 27 | 5670          | Gas Well | Producing |
| WRU EIH 10W-35-8-22  | 4304735046 | 8  | S | 22 | E | 35 | 12528   15700 | Gas Well | Producing |
| WRU EIH 9MU-26-8-22  | 4304735047 | 8  | S | 22 | E | 26 | 12528         | Gas Well | Producing |
| WRU EIH 15MU-26-8-22 | 4304735048 | 8  | S | 22 | E | 26 | 12528         | Gas Well | Producing |
| WRU EIH 1MU-35-8-22  | 4304735049 | 8  | S | 22 | E | 35 | 12528         | Gas Well | Producing |
| WRU EIH 9M-35-8-22   | 4304735050 | 8  | S | 22 | E | 35 | 12528   14005 | Gas Well | Producing |
| WRU EIH 7MU-35-8-22  | 4304735051 | 8  | S | 22 | E | 35 | 12528   14106 | Gas Well | Producing |
| GH 4MU-20-8-21       | 4304735068 | 8  | S | 21 | E | 20 | 14213         | Gas Well | Producing |
| GH 12MU-20-8-21      | 4304735069 | 8  | S | 21 | E | 20 | 14129         | Gas Well | Producing |
| GH 13MU-20-8-21      | 4304735070 | 8  | S | 21 | E | 20 | 14817         | Gas Well | Producing |
| SG 6ML-11-8-22       | 4304735073 | 8  | S | 22 | E | 11 | 14825         | Gas Well | Producing |
| OU SG 5MU-14-8-22    | 4304735076 | 8  | S | 22 | E | 14 | 13989         | Gas Well | Producing |
| OU SG 6MU-14-8-22    | 4304735077 | 8  | S | 22 | E | 14 | 14128         | Gas Well | Producing |
| SG 12MU-14-8-22      | 4304735078 | 8  | S | 22 | E | 14 | 13921         | Gas Well | Producing |
| OU SG 13MU-14-8-22   | 4304735079 | 8  | S | 22 | E | 14 | 13990         | Gas Well | Producing |
| GB 2ML-30-8-22       | 4304735080 | 8  | S | 22 | E | 30 | 14816         | Gas Well | Producing |
| GH 5W-20-8-21        | 4304735097 | 8  | S | 21 | E | 20 | 14557         | Gas Well | Producing |
| SG 5MU-23-8-22       | 4304735115 | 8  | S | 22 | E | 23 | 14368         | Gas Well | Producing |
| SG 6MU-23-8-22       | 4304735116 | 8  | S | 22 | E | 23 | 14231         | Gas Well | Producing |
| SG 14MU-23-8-22      | 4304735117 | 8  | S | 22 | E | 23 | 14069         | Gas Well | Producing |
| WRU EIH 1MU-26-8-22  | 4304735118 | 8  | S | 22 | E | 26 | 12528   14349 | Gas Well | Producing |
| WRU EIH 7MU-26-8-22  | 4304735119 | 8  | S | 22 | E | 26 | 12528   14102 | Gas Well | Producing |
| WRU EIH 10MU-26-8-22 | 4304735120 | 8  | S | 22 | E | 26 | 12528   14107 | Gas Well | Producing |
| WRU EIH 15MU-35-8-22 | 4304735121 | 8  | S | 22 | E | 35 | 12528   14197 | Gas Well | Producing |
| GB 5SG-36-8-21       | 4304735155 | 8  | S | 21 | E | 36 | 14015         | Gas Well | Producing |
| WRU EIH 10ML-23-8-22 | 4304735187 | 8  | S | 22 | E | 23 | 12528   14503 | Gas Well | Producing |
| SG 12MU-23-8-22      | 4304735188 | 8  | S | 22 | E | 23 | 14412         | Gas Well | Producing |
| WRU EIH 9ML-23-8-22  | 4304735189 | 8  | S | 22 | E | 23 | 12528   14504 | Gas Well | Producing |
| SG 13MU-23-8-22      | 4304735190 | 8  | S | 22 | E | 23 | 14103         | Gas Well | Producing |
| WRU EIH 16MU-26-8-22 | 4304735191 | 8  | S | 22 | E | 26 | 12528   14351 | Gas Well | Producing |
| WRU EIH 2MU-26-8-22  | 4304735192 | 8  | S | 22 | E | 26 | 12528   14104 | Gas Well | Producing |
| WRU EIH 16MU-35-8-22 | 4304735194 | 8  | S | 22 | E | 35 | 12528   14198 | Gas Well | Producing |
| WRU EIH 8MU-35-8-22  | 4304735195 | 8  | S | 22 | E | 35 | 12528   17329 | Gas Well | Producing |
| RW 32G-16C           | 4304735238 | 7  | S | 24 | E | 16 | 5670          | Gas Well | Producing |
| GB 4D-28-8-21        | 4304735246 | 8  | S | 21 | E | 28 | 14645         | Gas Well | Producing |
| GB 7M-28-8-21        | 4304735247 | 8  | S | 21 | E | 28 | 14432         | Gas Well | Producing |
| GB 14M-28-8-21       | 4304735248 | 8  | S | 21 | E | 28 | 13992         | Gas Well | Producing |
| SG 11MU-23-8-22      | 4304735257 | 8  | S | 22 | E | 23 | 13973         | Gas Well | Producing |
| SC 13ML-16-10-23     | 4304735281 | 10 | S | 23 | E | 16 | 14036         | Gas Well | Producing |
| SC 3ML-16-10-23      | 4304735282 | 10 | S | 23 | E | 16 | 14014         | Gas Well | Producing |
| SC 11ML-16-10-23     | 4304735311 | 10 | S | 23 | E | 16 | 14035         | Gas Well | Producing |

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| WVX 3MU-17-8-21      | 4304735318 | 8 | S | 21 | E | 17 | 14113         | Gas Well | Producing |
| GH 15ML-18-8-21      | 4304735323 | 8 | S | 21 | E | 18 | 15483         | Gas Well | Producing |
| GH 1ML-19-8-21       | 4304735324 | 8 | S | 21 | E | 19 | 14824         | Gas Well | Producing |
| SG 15MU-14-8-22      | 4304735328 | 8 | S | 22 | E | 14 | 14338         | Gas Well | Producing |
| WRU EIH 13MU-25-8-22 | 4304735329 | 8 | S | 22 | E | 25 | 12528   14168 | Gas Well | Producing |
| EIHX 14MU-25-8-22    | 4304735330 | 8 | S | 22 | E | 25 | 14501         | Gas Well | Producing |
| EIHX 11MU-25-8-22    | 4304735331 | 8 | S | 22 | E | 25 | 14470         | Gas Well | Producing |
| NBE 12ML-10-9-23     | 4304735333 | 9 | S | 23 | E | 10 | 14260         | Gas Well | Producing |
| NBE 13ML-17-9-23     | 4304735334 | 9 | S | 23 | E | 17 | 14000         | Gas Well | Producing |
| WVX 14MU 17-8-21     | 4304735369 | 8 | S | 21 | E | 17 | 14098         | Gas Well | Producing |
| WVX 12MU-17-8-21     | 4304735370 | 8 | S | 21 | E | 17 | 15108         | Gas Well | Producing |
| WVX 8MU-19-8-21      | 4304735372 | 8 | S | 21 | E | 19 | 5355          | Gas Well | Producing |
| SG 7MU-11-8-22       | 4304735374 | 8 | S | 22 | E | 11 | 14635         | Gas Well | Producing |
| SG 1MU-11-8-22       | 4304735375 | 8 | S | 22 | E | 11 | 14279         | Gas Well | Producing |
| SG 8MU-11-8-22       | 4304735380 | 8 | S | 22 | E | 11 | 14616         | Gas Well | Producing |
| SG 10MU-11-8-22      | 4304735382 | 8 | S | 22 | E | 11 | 14979         | Gas Well | Producing |
| WRU EIH 15ML-23-8-22 | 4304735387 | 8 | S | 22 | E | 23 | 12528   14681 | Gas Well | Producing |
| GH 10ML-18-8-21      | 4304735391 | 8 | S | 21 | E | 18 | 15482         | Gas Well | Producing |
| SU 11MU-9-8-21       | 4304735412 | 8 | S | 21 | E | 9  | 14143         | Gas Well | Producing |
| EIHX 2MU-25-8-22     | 4304735427 | 8 | S | 22 | E | 25 | 14666         | Gas Well | Producing |
| EIHX 1MU-25-8-22     | 4304735428 | 8 | S | 22 | E | 25 | 14705         | Gas Well | Producing |
| EIHX 7MU-25-8-22     | 4304735429 | 8 | S | 22 | E | 25 | 14682         | Gas Well | Producing |
| EIHX 8MU-25-8-22     | 4304735430 | 8 | S | 22 | E | 25 | 14706         | Gas Well | Producing |
| WRU EIH 6MU-25-8-22  | 4304735431 | 8 | S | 22 | E | 25 | 12528   14379 | Gas Well | Producing |
| WRU EIH 5MU-25-8-22  | 4304735432 | 8 | S | 22 | E | 25 | 12528   14240 | Gas Well | Producing |
| EIHX 16MU-25-8-22    | 4304735434 | 8 | S | 22 | E | 25 | 14502         | Gas Well | Producing |
| EIHX 15MU-25-8-22    | 4304735435 | 8 | S | 22 | E | 25 | 14571         | Gas Well | Producing |
| EIHX 10MU-25-8-22    | 4304735436 | 8 | S | 22 | E | 25 | 14537         | Gas Well | Producing |
| GB 3MU-3-8-22        | 4304735457 | 8 | S | 22 | E | 3  | 14575         | Gas Well | Producing |
| NBE 15M-17-9-23      | 4304735463 | 9 | S | 23 | E | 17 | 14423         | Gas Well | Producing |
| NBE 7ML-17-9-23      | 4304735464 | 9 | S | 23 | E | 17 | 14232         | Gas Well | Producing |
| NBE 3ML-17-9-23      | 4304735465 | 9 | S | 23 | E | 17 | 14276         | Gas Well | Producing |
| NBE 11M-17-9-23      | 4304735466 | 9 | S | 23 | E | 17 | 14431         | Gas Well | Producing |
| NBE 6ML-10-9-23      | 4304735651 | 9 | S | 23 | E | 10 | 14422         | Gas Well | Producing |
| NBE 12ML-17-9-23     | 4304735652 | 9 | S | 23 | E | 17 | 14278         | Gas Well | Producing |
| RWS 10ML-6-9-24      | 4304735653 | 9 | S | 24 | E | 6  | 17644         | Gas Well | Producing |
| NBE 15ML-26-9-23     | 4304735666 | 9 | S | 23 | E | 26 | 14326         | Gas Well | Producing |
| WRU EIH 14MU-35-8-22 | 4304735667 | 8 | S | 22 | E | 35 | 12528   14615 | Gas Well | Producing |
| RW 34-23AG           | 4304735668 | 7 | S | 22 | E | 23 | 5670          | Oil Well | Producing |
| RWU 32-27AG          | 4304735670 | 7 | S | 22 | E | 27 | 5670          | Oil Well | Producing |
| RW 14-34AMU          | 4304735671 | 7 | S | 22 | E | 34 | 18478         | Gas Well | Producing |
| SG 4MU-23-8-22       | 4304735758 | 8 | S | 22 | E | 23 | 14380         | Gas Well | Producing |



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| WRU EIH 13ML-24-8-22 | 4304735793 | 8  | S | 22 | E | 24 | 12528   14644 | Gas Well | Producing |
| WRU EIH 16ML-23-8-22 | 4304735804 | 8  | S | 22 | E | 23 | 12528   14683 | Gas Well | Producing |
| WV 14MU-10-8-21      | 4304735879 | 8  | S | 21 | E | 10 | 17123         | Gas Well | Producing |
| RB DS FED 1G-7-10-18 | 4304735932 | 10 | S | 18 | E | 7  | 14457         | Oil Well | Producing |
| OU SG 14MU-14-8-22   | 4304735950 | 8  | S | 22 | E | 14 | 14479         | Gas Well | Producing |
| COY 12ML-24-8-24     | 4304736039 | 8  | S | 24 | E | 24 | 14592         | Oil Well | Producing |
| WIH 1AMU-21-8-22     | 4304736060 | 8  | S | 22 | E | 21 | 14980         | Gas Well | Producing |
| NBE 4ML-10-9-23      | 4304736098 | 9  | S | 23 | E | 10 | 15732         | Gas Well | Producing |
| NBE 8ML-10-9-23      | 4304736099 | 9  | S | 23 | E | 10 | 15733         | Gas Well | Producing |
| NBE 16ML-10-9-23     | 4304736100 | 9  | S | 23 | E | 10 | 14728         | Gas Well | Producing |
| SUBW 14M-7-7-22      | 4304736136 | 7  | S | 22 | E | 7  | 15734         | Gas Well | Producing |
| GB 16D-28-8-21       | 4304736260 | 8  | S | 21 | E | 28 | 14981         | Gas Well | Producing |
| RW 44-08FG           | 4304736349 | 8  | S | 24 | E | 8  | 18478         | Gas Well | Producing |
| RW 34-34 AD          | 4304736351 | 7  | S | 22 | E | 34 | 18478         | Gas Well | Producing |
| NBE 5ML-10-9-23      | 4304736353 | 9  | S | 23 | E | 10 | 15227         | Gas Well | Producing |
| NBE 7ML-10-9-23      | 4304736355 | 9  | S | 23 | E | 10 | 15850         | Gas Well | Producing |
| NBE 3ML-10-9-23      | 4304736356 | 9  | S | 23 | E | 10 | 15393         | Gas Well | Producing |
| EIHX 4MU-36-8-22     | 4304736444 | 8  | S | 22 | E | 36 | 14875         | Gas Well | Producing |
| EIHX 3MU-36-8-22     | 4304736445 | 8  | S | 22 | E | 36 | 14860         | Gas Well | Producing |
| EIHX 1MU-36-8-22     | 4304736447 | 8  | S | 22 | E | 36 | 14861         | Gas Well | Producing |
| NBE 7ML-26-9-23      | 4304736587 | 9  | S | 23 | E | 26 | 16008         | Gas Well | Producing |
| NBE 8ML-26-9-23      | 4304736588 | 9  | S | 23 | E | 26 | 15689         | Gas Well | Producing |
| NBE 2ML-26-9-23      | 4304736590 | 9  | S | 23 | E | 26 | 15898         | Gas Well | Producing |
| NBE 3ML-26-9-23      | 4304736591 | 9  | S | 23 | E | 26 | 15906         | Gas Well | Producing |
| NBE 5ML-26-9-23      | 4304736592 | 9  | S | 23 | E | 26 | 15839         | Gas Well | Producing |
| NBE 9ML-10-9-23      | 4304736593 | 9  | S | 23 | E | 10 | 15438         | Gas Well | Producing |
| NBE 11ML-10-9-23     | 4304736594 | 9  | S | 23 | E | 10 | 15228         | Gas Well | Producing |
| NBE 15ML-10-9-23     | 4304736595 | 9  | S | 23 | E | 10 | 15439         | Gas Well | Producing |
| NBE 2ML-17-9-23      | 4304736614 | 9  | S | 23 | E | 17 | 15126         | Gas Well | Producing |
| NBE 4ML-17-9-23      | 4304736615 | 9  | S | 23 | E | 17 | 15177         | Gas Well | Producing |
| NBE 6ML-17-9-23      | 4304736616 | 9  | S | 23 | E | 17 | 15127         | Gas Well | Producing |
| NBE 10ML-17-9-23     | 4304736617 | 9  | S | 23 | E | 17 | 15128         | Gas Well | Producing |
| NBE 14ML-17-9-23     | 4304736618 | 9  | S | 23 | E | 17 | 15088         | Gas Well | Producing |
| NBE 9ML-26-9-23      | 4304736619 | 9  | S | 23 | E | 26 | 15322         | Gas Well | Producing |
| NBE 10D-26-9-23      | 4304736620 | 9  | S | 23 | E | 26 | 15975         | Gas Well | Producing |
| NBE 13ML-26-9-23     | 4304736622 | 9  | S | 23 | E | 26 | 15690         | Gas Well | Producing |
| NBE 14ML-26-9-23     | 4304736623 | 9  | S | 23 | E | 26 | 15262         | Gas Well | Producing |
| NBE 16ML-26-9-23     | 4304736624 | 9  | S | 23 | E | 26 | 15735         | Gas Well | Producing |
| SSU 8G-9-8-21        | 4304736736 | 8  | S | 21 | E | 9  | 14997         | Oil Well | Producing |
| RW 41-26AG           | 4304736818 | 7  | S | 22 | E | 26 | 18478         | Gas Well | Producing |
| SC 5ML-16-10-23      | 4304736877 | 10 | S | 23 | E | 16 | 15125         | Gas Well | Producing |
| SC 12ML-16-10-23     | 4304736878 | 10 | S | 23 | E | 16 | 15053         | Gas Well | Producing |



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| RW 01-36BG            | 4304736887 | 7  | S | 23 | E | 36 | 5670          | Oil Well | Producing |
| SC 14ML-16-10-23      | 4304736908 | 10 | S | 23 | E | 16 | 15070         | Gas Well | Producing |
| SC 4ML-16-10-23       | 4304736912 | 10 | S | 23 | E | 16 | 15208         | Gas Well | Producing |
| SG 3MU-23-8-22        | 4304736940 | 8  | S | 22 | E | 14 | 15100         | Gas Well | Producing |
| NBE 5ML-17-9-23       | 4304736941 | 9  | S | 23 | E | 17 | 15101         | Gas Well | Producing |
| RW 04-25B             | 4304736982 | 7  | S | 23 | E | 25 | 18478         | Oil Well | Producing |
| MULLIGAN 822-24H      | 4304737077 | 8  | S | 22 | E | 24 | 15547         | Gas Well | Producing |
| MULLIGAN 822-24G      | 4304737078 | 8  | S | 22 | E | 24 | 15547         | Gas Well | Producing |
| NBZ 8D-31-8-24        | 4304737238 | 8  | S | 24 | E | 31 | 17644         | Gas Well | Producing |
| CWD 14D-32-8-24       | 4304737277 | 8  | S | 24 | E | 32 | 17644         | Gas Well | Producing |
| CWD 16D-32-8-24       | 4304737278 | 8  | S | 24 | E | 32 | 17644         | Gas Well | Producing |
| WRU EIH 11BML-35-8-22 | 4304737300 | 8  | S | 22 | E | 35 | 12528   15282 | Gas Well | Producing |
| RWS 2ML-5-9-24        | 4304737306 | 9  | S | 24 | E | 5  | 17644         | Gas Well | Producing |
| RWS 10ML-5-9-24       | 4304737308 | 9  | S | 24 | E | 5  | 18903         | Gas Well | Producing |
| RWS 12ML-6-9-24       | 4304737312 | 9  | S | 24 | E | 6  | 17644         | Gas Well | Producing |
| RWS 16ML-6-9-24       | 4304737335 | 9  | S | 24 | E | 6  | 17644         | Gas Well | Producing |
| CWD 10D-32-8-24       | 4304737347 | 8  | S | 24 | E | 32 | 17644         | Gas Well | Producing |
| RWS 8D-6-9-24         | 4304737352 | 9  | S | 24 | E | 6  | 17644         | Gas Well | Producing |
| RWS 4ML-6-9-24        | 4304737412 | 9  | S | 24 | E | 6  | 17644         | Gas Well | Producing |
| RWS 6D-6-9-24         | 4304737413 | 9  | S | 24 | E | 6  | 17644         | Gas Well | Producing |
| WRU EIH 3D-ML-35-8-22 | 4304737465 | 8  | S | 22 | E | 35 | 12528   15552 | Gas Well | Producing |
| WRU EIH 7D-ML-35-8-22 | 4304737466 | 8  | S | 22 | E | 35 | 12528   15637 | Gas Well | Producing |
| NBE 2ML-10-9-23       | 4304737619 | 9  | S | 23 | E | 10 | 15860         | Gas Well | Producing |
| GB 16ML-20-8-22       | 4304737664 | 8  | S | 22 | E | 20 | 15948         | Gas Well | Producing |
| GB 8D-20-8-22         | 4304737665 | 8  | S | 22 | E | 20 | 15977         | Gas Well | Producing |
| BZ 10D-16-8-24        | 4304737671 | 8  | S | 24 | E | 16 | 15979         | Gas Well | Producing |
| RW 24-16BG            | 4304737746 | 7  | S | 23 | E | 16 | 5670          | Oil Well | Producing |
| WV 12BML-16-8-21      | 4304737824 | 8  | S | 21 | E | 16 | 17123         | Gas Well | Producing |
| WV 15CML-16-8-21      | 4304737871 | 8  | S | 21 | E | 16 | 17123         | Gas Well | Producing |
| WV 14DML-12-8-21      | 4304737924 | 8  | S | 21 | E | 12 | 17123         | Gas Well | Producing |
| WV 4DML-15-8-21       | 4304737927 | 8  | S | 21 | E | 15 | 17123         | Gas Well | Producing |
| GB 9ML-16-8-22        | 4304737944 | 8  | S | 22 | E | 16 | 15851         | Gas Well | Producing |
| SSU 11G-9-8-21        | 4304737991 | 8  | S | 21 | E | 9  | 16007         | Oil Well | Producing |
| GH 16G-17-8-21        | 4304737993 | 8  | S | 21 | E | 17 | 5355          | Oil Well | Producing |
| WV 11AD-14-8-21       | 4304738049 | 8  | S | 21 | E | 14 | 17123         | Gas Well | Producing |
| GH 7D-19-8-21         | 4304738267 | 8  | S | 21 | E | 19 | 16922         | Gas Well | Producing |
| WRU EIH 4AD-25-8-22   | 4304738636 | 8  | S | 22 | E | 25 | 12528   16651 | Gas Well | Producing |
| WRU EIH 7AD-26-8-22   | 4304738637 | 8  | S | 22 | E | 26 | 12528   16579 | Gas Well | Producing |
| WRU EIH 6DD-35-8-22   | 4304738640 | 8  | S | 22 | E | 35 | 12528   16511 | Gas Well | Producing |
| WRU EIH 7AD-35-8-22   | 4304738641 | 8  | S | 22 | E | 35 | 16180         | Gas Well | Producing |
| WRU EIH 9CD-26-8-22   | 4304738649 | 8  | S | 22 | E | 26 | 12528   16446 | Gas Well | Producing |
| GH 6-20-8-21          | 4304738662 | 8  | S | 21 | E | 20 | 17041         | Gas Well | Producing |

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| WV 6-24-8-21             | 4304738663 | 8  | S | 21 | E | 24 | 17123 | Gas Well | Producing |
| WV 16C-14-8-21           | 4304738737 | 8  | S | 21 | E | 14 | 17123 | Gas Well | Producing |
| GB 1M-4-8-22R (RIGSKID)  | 4304738990 | 8  | S | 22 | E | 4  | 15879 | Gas Well | Producing |
| WRU EIH 6D-5-8-23        | 4304738994 | 8  | S | 23 | E | 5  | 16415 | Gas Well | Producing |
| WV 13A-15-8-21           | 4304739039 | 8  | S | 21 | E | 15 | 17123 | Gas Well | Producing |
| WV 8D-15-8-21            | 4304739040 | 8  | S | 21 | E | 15 | 17123 | Gas Well | Producing |
| WV 4BD-23-8-21           | 4304739041 | 8  | S | 21 | E | 23 | 17123 | Gas Well | Producing |
| WV 7BD-23-8-21           | 4304739044 | 8  | S | 21 | E | 23 | 17123 | Gas Well | Producing |
| WV 13AD-8-8-22R(RIGSKID) | 4304739321 | 8  | S | 22 | E | 8  | 17123 | Gas Well | Producing |
| NBE 8CD-10-9-23          | 4304739341 | 9  | S | 23 | E | 10 | 16513 | Gas Well | Producing |
| NBE 5DD-10-9-23          | 4304739346 | 9  | S | 23 | E | 10 | 16574 | Gas Well | Producing |
| NBE 4DD-17-9-23          | 4304739348 | 9  | S | 23 | E | 17 | 16743 | Gas Well | Producing |
| NBE 8BD-26-9-23          | 4304739351 | 9  | S | 23 | E | 26 | 16617 | Gas Well | Producing |
| RW 34-27ADR              | 4304739445 | 7  | S | 22 | E | 27 | 18478 | Gas Well | Producing |
| GB 15D-27-8-21           | 4304739662 | 8  | S | 21 | E | 27 | 16830 | Gas Well | Producing |
| WV 13D-23-8-21           | 4304739663 | 8  | S | 21 | E | 23 | 16813 | Gas Well | Producing |
| WV 15D-23-8-21           | 4304739664 | 8  | S | 21 | E | 23 | 16924 | Gas Well | Producing |
| WRU GB 13G-3-8-22        | 4304739792 | 8  | S | 22 | E | 3  | 4915  | Oil Well | Producing |
| SSU 2G-3-8-21            | 4304740159 | 8  | S | 21 | E | 3  | 13241 | Oil Well | Producing |
| SSU 13G-4-8-21           | 4304740199 | 8  | S | 21 | E | 4  | 13241 | Oil Well | Producing |
| GB 3D-4-8-22R(RIGSKID)   | 4304740345 | 8  | S | 22 | E | 4  | 17099 | Gas Well | Producing |
| DS 9G-16-10-18           | 4304751171 | 10 | S | 18 | E | 16 | 18495 | Oil Well | Producing |
| DS 13G-19-10-18          | 4304751178 | 10 | S | 18 | E | 19 | 18555 | Oil Well | Producing |
| BW 15-18-7-22            | 4304751179 | 7  | S | 22 | E | 18 | 18653 | Gas Well | Producing |
| DS 16G-20-10-18          | 4304751226 | 10 | S | 18 | E | 20 | 18475 | Oil Well | Producing |
| RW 44-25B                | 4304751719 | 7  | S | 23 | E | 25 | 18478 | Gas Well | Producing |
| RW 34-24B                | 4304751720 | 7  | S | 23 | E | 24 | 18478 | Gas Well | Producing |
| RW 43-20B                | 4304751721 | 7  | S | 23 | E | 20 | 18478 | Gas Well | Producing |
| RW 23A-28B               | 4304751722 | 7  | S | 23 | E | 28 | 18478 | Gas Well | Producing |
| RW 32-29B                | 4304751723 | 7  | S | 23 | E | 29 | 18478 | Gas Well | Producing |
| RW 31-20B                | 4304751724 | 7  | S | 23 | E | 20 | 18478 | Gas Well | Producing |
| RW 32-25A                | 4304751788 | 7  | S | 22 | E | 25 | 18478 | Gas Well | Producing |
| RW 12C3-25B              | 4304751903 | 7  | S | 23 | E | 25 | 18478 | Gas Well | Producing |
| RW 12D1-25B              | 4304751904 | 7  | S | 23 | E | 25 | 18478 | Gas Well | Producing |
| RW 12D4-25B              | 4304751905 | 7  | S | 23 | E | 25 | 18478 | Gas Well | Producing |
| RW 12A2-28B              | 4304751938 | 7  | S | 23 | E | 28 | 18478 | Gas Well | Producing |
| RW 13D2-24A              | 4304751939 | 7  | S | 22 | E | 24 | 18478 | Gas Well | Producing |
| RW 14D3-24A              | 4304751940 | 7  | S | 22 | E | 24 | 18478 | Gas Well | Producing |
| RW 12B4-27B              | 4304752234 | 7  | S | 23 | E | 27 | 18478 | Gas Well | Producing |
| RW 9C1-24B               | 4304752237 | 7  | S | 23 | E | 24 | 18478 | Gas Well | Producing |
| RW 9C1-26B               | 4304752238 | 7  | S | 23 | E | 26 | 18478 | Gas Well | Producing |
| RW 8C1-30B               | 4304752240 | 7  | S | 23 | E | 30 | 18478 | Gas Well | Producing |



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|----------------|------------|----|---|----|---|----|-------|----------|-----------|
| RW 5D2-26B     | 4304752242 | 7  | S | 23 | E | 26 | 18478 | Gas Well | Producing |
| RW 13B4-18C    | 4304752243 | 7  | S | 24 | E | 18 | 18478 | Gas Well | Producing |
| RW 5B4-23B     | 4304752311 | 7  | S | 23 | E | 23 | 18478 | Gas Well | Producing |
| RW 5C1-23B     | 4304752312 | 7  | S | 23 | E | 23 | 18478 | Gas Well | Producing |
| RW 2B4-26B     | 4304752313 | 7  | S | 23 | E | 23 | 18478 | Gas Well | Producing |
| RW 15C4-23B    | 4304752314 | 7  | S | 23 | E | 23 | 18478 | Gas Well | Producing |
| RW 15C1-23B    | 4304752316 | 7  | S | 23 | E | 23 | 18478 | Gas Well | Producing |
| RW 10C4-23B    | 4304752317 | 7  | S | 23 | E | 23 | 18478 | Gas Well | Producing |
| RW 15B4-23B    | 4304752319 | 7  | S | 23 | E | 23 | 18478 | Gas Well | Producing |
| RW 10C1-23B    | 4304752320 | 7  | S | 23 | E | 23 | 18478 | Gas Well | Producing |
| RW 2B1-26B     | 4304752324 | 7  | S | 23 | E | 23 | 18478 | Gas Well | Producing |
| RW 5C4-23B     | 4304752327 | 7  | S | 23 | E | 23 | 18478 | Gas Well | Producing |
| RW 12B1-23B    | 4304752328 | 7  | S | 23 | E | 23 | 18478 | Gas Well | Producing |
| RW 12C4-23B    | 4304752329 | 7  | S | 23 | E | 23 | 18478 | Gas Well | Producing |
| RW 12C1-23B    | 4304752330 | 7  | S | 23 | E | 23 | 18478 | Gas Well | Producing |
| RW 12B4-23B    | 4304752332 | 7  | S | 23 | E | 23 | 18478 | Gas Well | Producing |
| RW 13B1-23B    | 4304752333 | 7  | S | 23 | E | 23 | 18478 | Gas Well | Producing |
| EM 1G-36-9-17  | 4304752400 | 9  | S | 17 | E | 36 | 18860 | Oil Well | Producing |
| DS 15G-5-10-18 | 4304752406 | 10 | S | 18 | E | 5  | 18959 | Oil Well | Producing |
| DS 14G-6-10-18 | 4304753023 | 10 | S | 18 | E | 6  | 14457 | Oil Well | Producing |
| DS 2G-6-10-18  | 4304753286 | 10 | S | 18 | E | 6  | 19002 | Oil Well | Producing |
| RW 34-20BGR    | 4304753299 | 7  | S | 23 | E | 20 | 18478 | Gas Well | Producing |
| RW 11-26AGR    | 4304753302 | 7  | S | 22 | E | 26 | 5670  | Oil Well | Producing |
| RW 31-31BGR    | 4304753305 | 7  | S | 23 | E | 31 | 5670  | Oil Well | Producing |
| RW 24-14AGR    | 4304753307 | 7  | S | 22 | E | 14 | 18478 | Gas Well | Producing |
| RW 11-27AGR    | 4304753311 | 7  | S | 22 | E | 27 | 5670  | Oil Well | Producing |
| RW 44-25AGR    | 4304753648 | 7  | S | 22 | E | 25 | 5670  | Oil Well | Producing |
| RW 42-25AGR    | 4304753682 | 7  | S | 22 | E | 25 | 18478 | Gas Well | Producing |
| RW H1-14-16B   | 4304754358 | 7  | S | 23 | E | 16 | 18478 | Gas Well | Producing |
| RW 8B4-28B     | 4304754662 | 7  | S | 23 | E | 28 | 18478 | Gas Well | Producing |
| RW 8C4-28B     | 4304754663 | 7  | S | 23 | E | 28 | 18478 | Gas Well | Producing |
| RW 7C4-28B     | 4304754664 | 7  | S | 23 | E | 28 | 18478 | Gas Well | Producing |
| RW 1C4-28B     | 4304754665 | 7  | S | 23 | E | 28 | 18478 | Gas Well | Producing |
| RW 7B4-28B     | 4304754666 | 7  | S | 23 | E | 28 | 18478 | Gas Well | Producing |
| RW 2C4-28B     | 4304754667 | 7  | S | 23 | E | 28 | 18478 | Gas Well | Producing |
| RW 15C4-21B    | 4304754668 | 7  | S | 23 | E | 28 | 18478 | Gas Well | Producing |
| RW 15B4-21B    | 4304754669 | 7  | S | 23 | E | 28 | 18478 | Gas Well | Producing |
| RW 9C1-16A     | 4304755303 | 7  | S | 22 | E | 21 | 18478 | Gas Well | Producing |
| RW 8C1-21A     | 4304755401 | 7  | S | 22 | E | 21 | 18478 | Gas Well | Producing |
| RW 8B1-21A     | 4304755402 | 7  | S | 22 | E | 21 | 18478 | Gas Well | Producing |
| RW 1C1-21A     | 4304755403 | 7  | S | 22 | E | 21 | 18478 | Gas Well | Producing |
| RW 16B1-16A    | 4304755404 | 7  | S | 22 | E | 21 | 18478 | Gas Well | Producing |

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|---------------------|------------|----|---|----|---|----|--------|----------------------|-----------|
| RW 16C1-16A         | 4304755405 | 7  | S | 22 | E | 21 | 18478  | Gas Well             | Producing |
| RW 9B1-21A          | 4304755406 | 7  | S | 22 | E | 21 | 18478  | Gas Well             | Producing |
| RW 1B1-21A          | 4304755414 | 7  | S | 22 | E | 21 | 18478  | Gas Well             | Producing |
| KJ 33B-17A          | 4304755649 | 7  | S | 22 | E | 17 | 100135 | Gas Well             | Producing |
| SR 32A-13H          | 4304755730 | 8  | S | 22 | E | 13 | 100136 | Gas Well             | Producing |
| WR 16G-32-10-17     | 4301350370 | 10 | S | 17 | E | 32 | 17720  | Oil Well             | Shut-in   |
| WR 11G-5-10-17      | 4301351913 | 10 | S | 17 | E | 5  | 18554  | Oil Well             | Shut-in   |
| RW 32-17C           | 4304715145 | 7  | S | 24 | E | 17 | 18478  | Gas Well             | Shut-in   |
| RW 32-13B           | 4304715163 | 7  | S | 23 | E | 13 | 5670   | Gas Well             | Shut-in   |
| RW 34-18B           | 4304715189 | 7  | S | 23 | E | 18 | 5670   | Oil Well             | Shut-in   |
| RW 23-18B           | 4304715210 | 7  | S | 23 | E | 18 | 5670   | Water Injection Well | Shut-in   |
| RW 43-29A           | 4304715236 | 7  | S | 22 | E | 29 | 17947  | Gas Well             | Shut-in   |
| RW 41-34B           | 4304715250 | 7  | S | 23 | E | 34 | 5670   | Oil Well             | Shut-in   |
| RW 41-33A           | 4304715294 | 7  | S | 22 | E | 33 | 5670   | Oil Well             | Shut-in   |
| RW 23-25A           | 4304715305 | 7  | S | 22 | E | 25 | 5670   | Oil Well             | Shut-in   |
| WV 83 WG            | 4304720205 | 8  | S | 21 | E | 23 | 17123  | Gas Well             | Shut-in   |
| WV 104              | 4304730022 | 8  | S | 21 | E | 15 | 5265   | Oil Well             | Shut-in   |
| RW 44-21C           | 4304730149 | 7  | S | 24 | E | 21 | 5670   | Gas Well             | Shut-in   |
| RW 21-34B           | 4304730258 | 7  | S | 23 | E | 34 | 5670   | Oil Well             | Shut-in   |
| RW 22-17C           | 4304730388 | 7  | S | 24 | E | 17 | 5670   | Gas Well             | Shut-in   |
| GLEN BENCH 31-30    | 4304731008 | 8  | S | 22 | E | 30 | 13727  | Oil Well             | Shut-in   |
| RW 11-35B           | 4304731079 | 7  | S | 23 | E | 35 | 5670   | Oil Well             | Shut-in   |
| GB 45-16            | 4304731399 | 8  | S | 22 | E | 16 | 13727  | Oil Well             | Shut-in   |
| GB 31-20            | 4304731433 | 8  | S | 22 | E | 20 | 13727  | Oil Well             | Shut-in   |
| WV 142              | 4304731612 | 8  | S | 21 | E | 16 | 5265   | Oil Well             | Shut-in   |
| WV 145              | 4304731820 | 8  | S | 22 | E | 18 | 17123  | Gas Well             | Shut-in   |
| GH 19               | 4304732651 | 8  | S | 21 | E | 20 | 5355   | Oil Well             | Shut-in   |
| GH 21 WG            | 4304732692 | 8  | S | 21 | E | 21 | 11819  | Gas Well             | Shut-in   |
| FLU KNOLLS FED 23-3 | 4304732754 | 10 | S | 18 | E | 3  | 12003  | Oil Well             | Shut-in   |
| WV 49 WG            | 4304732832 | 8  | S | 22 | E | 8  | 17123  | Gas Well             | Shut-in   |
| GB 6-36-8-21        | 4304733038 | 8  | S | 21 | E | 36 | 12378  | Gas Well             | Shut-in   |
| WV 138 WG           | 4304733054 | 8  | S | 22 | E | 18 | 17123  | Gas Well             | Shut-in   |
| WRU EIH 15-35-8-22  | 4304733061 | 8  | S | 22 | E | 35 | 12528  | Gas Well             | Shut-in   |
| WV 14 WG            | 4304733070 | 8  | S | 21 | E | 12 | 17123  | Gas Well             | Shut-in   |
| GB 2-36-8-21        | 4304733252 | 8  | S | 21 | E | 36 | 12527  | Gas Well             | Shut-in   |
| WV 9W-14-8-21       | 4304733269 | 8  | S | 21 | E | 14 | 17123  | Gas Well             | Shut-in   |
| WV 1W-18-8-22       | 4304733294 | 8  | S | 22 | E | 18 | 17123  | Gas Well             | Shut-in   |
| WV 11W-8-8-22       | 4304733295 | 8  | S | 22 | E | 8  | 17123  | Gas Well             | Shut-in   |
| WV 3W-7-8-22        | 4304733502 | 8  | S | 22 | E | 7  | 17123  | Gas Well             | Shut-in   |
| GH 10W-19-8-21      | 4304733528 | 8  | S | 21 | E | 19 | 12736  | Gas Well             | Shut-in   |
| WV 16W-9-8-21       | 4304733529 | 8  | S | 21 | E | 9  | 17123  | Gas Well             | Shut-in   |
| WV 9W-12-8-21       | 4304733534 | 8  | S | 21 | E | 12 | 17123  | Gas Well             | Shut-in   |



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|-------------------|------------|----|---|----|---|----|-------|----------|---------|
| WV 11W-12-8-21    | 4304733535 | 8  | S | 21 | E | 12 | 17123 | Gas Well | Shut-in |
| WV 11W-13-8-21    | 4304733536 | 8  | S | 21 | E | 13 | 5265  | Gas Well | Shut-in |
| GH 5W-32-8-21     | 4304733572 | 8  | S | 21 | E | 32 | 12828 | Gas Well | Shut-in |
| WV 3W-22-8-21     | 4304733604 | 8  | S | 21 | E | 22 | 17123 | Gas Well | Shut-in |
| WV 13W-14-8-21    | 4304733607 | 8  | S | 21 | E | 14 | 17123 | Gas Well | Shut-in |
| WV 11W-18-8-22    | 4304733626 | 8  | S | 22 | E | 18 | 17123 | Gas Well | Shut-in |
| WV 9W-2-8-21      | 4304733648 | 8  | S | 21 | E | 2  | 17123 | Gas Well | Shut-in |
| WV 4W-11-8-21     | 4304733657 | 8  | S | 21 | E | 11 | 17123 | Gas Well | Shut-in |
| WV 2W-13-8-21     | 4304733791 | 8  | S | 21 | E | 13 | 17123 | Gas Well | Shut-in |
| WV 12W-8-8-22     | 4304733815 | 8  | S | 22 | E | 8  | 17123 | Gas Well | Shut-in |
| WV 14W-7-8-22     | 4304733816 | 8  | S | 22 | E | 7  | 17123 | Gas Well | Shut-in |
| WV 16W-7-8-22     | 4304733817 | 8  | S | 22 | E | 7  | 17123 | Gas Well | Shut-in |
| WV 6W-18-8-22     | 4304733842 | 8  | S | 22 | E | 18 | 17123 | Gas Well | Shut-in |
| WV 6WC-18-8-22    | 4304733843 | 8  | S | 22 | E | 18 | 17123 | Gas Well | Shut-in |
| WV 6WD-18-8-22    | 4304733844 | 8  | S | 22 | E | 18 | 17123 | Gas Well | Shut-in |
| WV 7W-23-8-21     | 4304733861 | 8  | S | 21 | E | 23 | 17123 | Gas Well | Shut-in |
| WV 8W-12-8-21     | 4304733862 | 8  | S | 21 | E | 12 | 17123 | Gas Well | Shut-in |
| WV 10W-12-8-21    | 4304733863 | 8  | S | 21 | E | 12 | 17123 | Gas Well | Shut-in |
| WV 14W-12-8-21    | 4304733864 | 8  | S | 21 | E | 12 | 17123 | Gas Well | Shut-in |
| WV 16W-12-8-21    | 4304733865 | 8  | S | 21 | E | 12 | 17123 | Gas Well | Shut-in |
| GH 5G-32-8-21     | 4304733866 | 8  | S | 21 | E | 32 | 13037 | Oil Well | Shut-in |
| WV 1W-22-8-21     | 4304733903 | 8  | S | 21 | E | 22 | 5265  | Gas Well | Shut-in |
| WV 11W-15-8-21    | 4304733911 | 8  | S | 21 | E | 15 | 17123 | Gas Well | Shut-in |
| WV 13W-11-8-21    | 4304733913 | 8  | S | 21 | E | 11 | 17123 | Gas Well | Shut-in |
| WV 15W-10-8-21    | 4304733916 | 8  | S | 21 | E | 10 | 17123 | Gas Well | Shut-in |
| WV 15W-15-8-21    | 4304733917 | 8  | S | 21 | E | 15 | 17123 | Gas Well | Shut-in |
| OU GB 4W-30-8-22  | 4304733945 | 8  | S | 22 | E | 30 | 13372 | Gas Well | Shut-in |
| WV 5W-14-8-21     | 4304733953 | 8  | S | 21 | E | 14 | 17123 | Gas Well | Shut-in |
| WV 7W-14-8-21     | 4304733955 | 8  | S | 21 | E | 14 | 17123 | Gas Well | Shut-in |
| WV 8W-14-8-21     | 4304733958 | 8  | S | 21 | E | 14 | 17123 | Gas Well | Shut-in |
| WV 9W-15-8-21     | 4304733959 | 8  | S | 21 | E | 15 | 17123 | Gas Well | Shut-in |
| WV 8W-18-8-22     | 4304733989 | 8  | S | 22 | E | 18 | 17123 | Gas Well | Shut-in |
| WV 10W-18-8-22    | 4304733991 | 8  | S | 22 | E | 18 | 17123 | Gas Well | Shut-in |
| WV 14W-18-8-22    | 4304733995 | 8  | S | 22 | E | 18 | 17123 | Gas Well | Shut-in |
| SU 15W-5-8-22     | 4304733996 | 8  | S | 22 | E | 5  | 13240 | Gas Well | Shut-in |
| OU GB 6W-20-8-22  | 4304734018 | 8  | S | 22 | E | 20 | 13518 | Gas Well | Shut-in |
| WV 2W-2-8-21      | 4304734034 | 8  | S | 21 | E | 2  | 17645 | Gas Well | Shut-in |
| WV 4W-17-8-22     | 4304734038 | 8  | S | 22 | E | 17 | 17123 | Gas Well | Shut-in |
| OU GB 11W-20-8-22 | 4304734039 | 8  | S | 22 | E | 20 | 13413 | Gas Well | Shut-in |
| OU GB 4W-20-8-22  | 4304734043 | 8  | S | 22 | E | 20 | 13520 | Gas Well | Shut-in |
| FED 2-20-10-18    | 4304734134 | 10 | S | 18 | E | 20 | 14366 | Oil Well | Shut-in |
| WV 2W-23-8-21     | 4304734142 | 8  | S | 21 | E | 23 | 5265  | Gas Well | Shut-in |

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| WV 4W-22-8-21      | 4304734146 | 8 | S | 21 | E | 22 | 17123 | Gas Well | Shut-in |
| WV 3W-19-8-22      | 4304734187 | 8 | S | 22 | E | 19 | 17123 | Gas Well | Shut-in |
| WV 6W-23-8-21      | 4304734189 | 8 | S | 21 | E | 23 | 17123 | Gas Well | Shut-in |
| WV 11W-16-8-21     | 4304734190 | 8 | S | 21 | E | 16 | 17123 | Gas Well | Shut-in |
| WV 13W-16-8-21     | 4304734191 | 8 | S | 21 | E | 16 | 17123 | Gas Well | Shut-in |
| WV 2W-3-8-21       | 4304734207 | 8 | S | 21 | E | 3  | 13677 | Gas Well | Shut-in |
| WV 2W-15-8-21      | 4304734242 | 8 | S | 21 | E | 15 | 17123 | Gas Well | Shut-in |
| WV 4W-14-8-21      | 4304734244 | 8 | S | 21 | E | 14 | 17123 | Gas Well | Shut-in |
| WV 7W-15-8-21      | 4304734246 | 8 | S | 21 | E | 15 | 17123 | Gas Well | Shut-in |
| WV 14W-15-8-21     | 4304734249 | 8 | S | 21 | E | 15 | 17123 | Gas Well | Shut-in |
| WV 6W-22-8-21      | 4304734272 | 8 | S | 21 | E | 22 | 13379 | Oil Well | Shut-in |
| WV 10W-14-8-21     | 4304734275 | 8 | S | 21 | E | 14 | 17123 | Gas Well | Shut-in |
| WV 10W-15-8-21     | 4304734295 | 8 | S | 21 | E | 15 | 17123 | Gas Well | Shut-in |
| WV 5W-16-8-21      | 4304734321 | 8 | S | 21 | E | 16 | 17123 | Gas Well | Shut-in |
| WV 9W-16-8-21      | 4304734325 | 8 | S | 21 | E | 16 | 17123 | Gas Well | Shut-in |
| WV 4W-24-8-21      | 4304734330 | 8 | S | 21 | E | 24 | 17123 | Gas Well | Shut-in |
| SU 16W-5-8-22      | 4304734446 | 8 | S | 22 | E | 5  | 13654 | Gas Well | Shut-in |
| SU 2W-5-8-22       | 4304734455 | 8 | S | 22 | E | 5  | 13700 | Gas Well | Shut-in |
| SU 10W-5-8-22      | 4304734456 | 8 | S | 22 | E | 5  | 13540 | Gas Well | Shut-in |
| WV 16W-8-8-22      | 4304734470 | 8 | S | 22 | E | 8  | 13508 | Gas Well | Shut-in |
| OU GB 16WX-30-8-22 | 4304734506 | 8 | S | 22 | E | 30 | 13431 | Gas Well | Shut-in |
| OU GB 1W-19-8-22   | 4304734512 | 8 | S | 22 | E | 19 | 13469 | Gas Well | Shut-in |
| OU GB 2W-19-8-22   | 4304734513 | 8 | S | 22 | E | 19 | 13461 | Gas Well | Shut-in |
| OU GB 7W-30-8-22   | 4304734531 | 8 | S | 22 | E | 30 | 13494 | Gas Well | Shut-in |
| OU GB 10W-19-8-22  | 4304734535 | 8 | S | 22 | E | 19 | 13479 | Gas Well | Shut-in |
| OU GB 14W-19-8-22  | 4304734537 | 8 | S | 22 | E | 19 | 13484 | Gas Well | Shut-in |
| OU GB 12W-17-8-22  | 4304734542 | 8 | S | 22 | E | 17 | 13543 | Gas Well | Shut-in |
| OU GB 13W-17-8-22  | 4304734544 | 8 | S | 22 | E | 17 | 13547 | Gas Well | Shut-in |
| OU GB 5W-29-8-22   | 4304734549 | 8 | S | 22 | E | 29 | 13505 | Gas Well | Shut-in |
| OU GB 14W-29-8-22  | 4304734554 | 8 | S | 22 | E | 29 | 13528 | Gas Well | Shut-in |
| OU GB 2W-17-8-22   | 4304734559 | 8 | S | 22 | E | 17 | 13539 | Gas Well | Shut-in |
| OU GB 7W-17-8-22   | 4304734560 | 8 | S | 22 | E | 17 | 13599 | Gas Well | Shut-in |
| OU GB 16W-18-8-22  | 4304734563 | 8 | S | 22 | E | 18 | 13559 | Gas Well | Shut-in |
| OU GB 2W-20-8-22   | 4304734599 | 8 | S | 22 | E | 20 | 13664 | Gas Well | Shut-in |
| OU GB 15W-17-8-22  | 4304734601 | 8 | S | 22 | E | 17 | 13632 | Gas Well | Shut-in |
| OU GB 12W-16-8-22  | 4304734617 | 8 | S | 22 | E | 16 | 13697 | Gas Well | Shut-in |
| OU GB 13W-16-8-22  | 4304734618 | 8 | S | 22 | E | 16 | 13611 | Gas Well | Shut-in |
| OU GB 15W-16-8-22  | 4304734622 | 8 | S | 22 | E | 16 | 13595 | Gas Well | Shut-in |
| OU GB 14W-9-8-22   | 4304734649 | 8 | S | 22 | E | 9  | 13545 | Gas Well | Shut-in |
| OU GB 10W-9-8-22   | 4304734651 | 8 | S | 22 | E | 9  | 13545 | Gas Well | Shut-in |
| OU GB 16SG-30-8-22 | 4304734688 | 8 | S | 22 | E | 30 | 13593 | Gas Well | Shut-in |
| OU SG 4W-15-8-22   | 4304734713 | 8 | S | 22 | E | 15 | 13775 | Oil Well | Shut-in |



From: QEP Energy Company  
To: Middle Fork Energy Uinta, LLC  
Effective: 4/1/2018

|                       |            |    |   |    |   |    |       |       |          |         |
|-----------------------|------------|----|---|----|---|----|-------|-------|----------|---------|
| OU GB 12W-15-8-22     | 4304734714 | 8  | S | 22 | E | 15 | 13838 |       | Gas Well | Shut-in |
| OU SG 9W-15-8-22      | 4304734718 | 8  | S | 22 | E | 15 | 13773 |       | Gas Well | Shut-in |
| OU SG 10M-15-8-22     | 4304734719 | 8  | S | 22 | E | 15 | 13722 |       | Gas Well | Shut-in |
| OU SG 2MU-15-8-22     | 4304734721 | 8  | S | 22 | E | 15 | 13887 |       | Gas Well | Shut-in |
| WRU GB 5M-9-8-22      | 4304734753 | 8  | S | 22 | E | 9  | 13545 | 14447 | Gas Well | Shut-in |
| OU GB 13W-10-8-22     | 4304734754 | 8  | S | 22 | E | 10 | 13774 |       | Gas Well | Shut-in |
| OU GB 12W-4-8-22      | 4304734762 | 8  | S | 22 | E | 4  | 13718 |       | Gas Well | Shut-in |
| OU SG 9W-10-8-22      | 4304734783 | 8  | S | 22 | E | 10 | 13725 |       | Gas Well | Shut-in |
| OU SG 16W-10-8-22     | 4304734784 | 8  | S | 22 | E | 10 | 13781 |       | Gas Well | Shut-in |
| WRU EIH 11MU-26-8-22  | 4304734836 | 8  | S | 22 | E | 26 | 12528 | 13713 | Gas Well | Shut-in |
| WRU EIH 2M-35-8-22    | 4304735052 | 8  | S | 22 | E | 35 | 13931 |       | Gas Well | Shut-in |
| OU SG 9MU-11-8-22     | 4304735091 | 8  | S | 22 | E | 11 | 13967 |       | Gas Well | Shut-in |
| RW 34-22C             | 4304735098 | 7  | S | 24 | E | 22 | 5670  |       | Gas Well | Shut-in |
| WRU EIH 8MU-26-8-22   | 4304735193 | 8  | S | 22 | E | 26 | 12528 | 14234 | Gas Well | Shut-in |
| NBE 4ML-26-9-23       | 4304735335 | 9  | S | 23 | E | 26 | 14215 |       | Gas Well | Shut-in |
| WRU EIH 4MU-25-8-22   | 4304735388 | 8  | S | 22 | E | 25 | 12528 | 14339 | Gas Well | Shut-in |
| WRU EIH 3MU-25-8-22   | 4304735389 | 8  | S | 22 | E | 25 | 12528 | 14341 | Gas Well | Shut-in |
| WRU EIH 12ML-24-8-22  | 4304735425 | 8  | S | 22 | E | 24 | 12528 | 14536 | Gas Well | Shut-in |
| WRU EIH 14ML-24-8-22  | 4304735426 | 8  | S | 22 | E | 24 | 12528 | 14646 | Gas Well | Shut-in |
| EIHX 9MU-25-8-22      | 4304735433 | 8  | S | 22 | E | 25 | 14558 |       | Gas Well | Shut-in |
| WRU EIH 12MU-25-8-22  | 4304735601 | 8  | S | 22 | E | 25 | 12528 | 14214 | Gas Well | Shut-in |
| NBE 10ML-10-9-23      | 4304735650 | 9  | S | 23 | E | 10 | 14377 |       | Gas Well | Shut-in |
| NBE 6ML-26-9-23       | 4304735664 | 9  | S | 23 | E | 26 | 14378 |       | Gas Well | Shut-in |
| NBE 11ML-26-9-23      | 4304735665 | 9  | S | 23 | E | 26 | 14340 |       | Gas Well | Shut-in |
| CWD 4ML-32-8-24       | 4304735684 | 8  | S | 24 | E | 32 | 17644 |       | Gas Well | Shut-in |
| WRU EIH 11ML-24-8-22  | 4304735805 | 8  | S | 22 | E | 24 | 12528 | 14540 | Gas Well | Shut-in |
| RB DS FED 14G-8-10-18 | 4304735933 | 10 | S | 18 | E | 8  | 14457 |       | Oil Well | Shut-in |
| WV 13MU-10-8-21       | 4304736305 | 8  | S | 21 | E | 10 | 17123 |       | Gas Well | Shut-in |
| NBE 1ML-26-9-23       | 4304736589 | 9  | S | 23 | E | 26 | 15880 |       | Gas Well | Shut-in |
| NBE 12ML-26-9-23      | 4304736621 | 9  | S | 23 | E | 26 | 15840 |       | Gas Well | Shut-in |
| NBZ 8ML-30-8-24       | 4304737231 | 8  | S | 24 | E | 30 | 17644 |       | Gas Well | Shut-in |
| NBZ 13ML-29-8-24      | 4304737237 | 8  | S | 24 | E | 29 | 17644 |       | Gas Well | Shut-in |
| WRU EIH 6B-ML-35-8-22 | 4304737299 | 8  | S | 22 | E | 35 | 12528 | 15281 | Gas Well | Shut-in |
| RWS 12ML-5-9-24       | 4304737309 | 9  | S | 24 | E | 5  | 17644 |       | Gas Well | Shut-in |
| RWS 14D-5-9-24        | 4304737310 | 9  | S | 24 | E | 5  | 17644 |       | Gas Well | Shut-in |
| RWS 6D-5-9-24         | 4304737350 | 9  | S | 24 | E | 5  | 17644 |       | Gas Well | Shut-in |
| RWS 4ML-5-9-24        | 4304737351 | 9  | S | 24 | E | 5  | 17644 |       | Gas Well | Shut-in |
| RWS 14D-6-9-24        | 4304737414 | 9  | S | 24 | E | 6  | 17644 |       | Gas Well | Shut-in |
| WV 13DML-10-8-21      | 4304737926 | 8  | S | 21 | E | 10 | 17123 |       | Gas Well | Shut-in |
| SSU 2G-9-8-21         | 4304737990 | 8  | S | 21 | E | 9  | 13241 |       | Oil Well | Shut-in |
| SSU 16G-4-8-21        | 4304738415 | 8  | S | 21 | E | 4  | 13241 |       | Oil Well | Shut-in |
| SSU 14G-4-8-21        | 4304738436 | 8  | S | 21 | E | 4  | 13241 |       | Oil Well | Shut-in |



From: QEP Energy Company  
 To: Middle Fork Energy Uinta, LLC  
 Effective: 4/1/2018

|                      |            |    |   |    |   |    |       |          |                       |
|----------------------|------------|----|---|----|---|----|-------|----------|-----------------------|
| NBE 10CD-17-9-23     | 4304739349 | 9  | S | 23 | E | 17 | 16616 | Gas Well | Shut-in               |
| RW 41-35AGR          | 4304751759 | 7  | S | 22 | E | 35 | 19103 | Oil Well | Shut-in               |
| RW 15B1-23B          | 4304752315 | 7  | S | 23 | E | 23 | 18478 | Gas Well | Shut-in               |
| DS 14G-7-10-18       | 4304752436 | 10 | S | 18 | E | 7  | 14457 | Oil Well | Shut-in               |
| RW 22-17BGR          | 4304753300 | 7  | S | 23 | E | 17 | 5670  | Oil Well | Shut-in               |
| RW 13-17BGR          | 4304753310 | 7  | S | 23 | E | 17 | 5670  | Oil Well | Shut-in               |
| RW 22-18BGR          | 4304753445 | 7  | S | 23 | E | 18 | 5670  | Oil Well | Shut-in               |
| RW 32-35B            | 4304730342 | 7  | S | 23 | E | 35 | 5670  | Oil Well | Temporarily-abandoned |
| SU PURDY 14M-30-7-22 | 4304734384 | 7  | S | 22 | E | 30 | 13750 | Gas Well | Temporarily-abandoned |
| RW 33-23AGR          | 4304753303 | 7  | S | 22 | E | 23 | 5670  | Oil Well | Temporarily-abandoned |
| RW 34-14AGR          | 4304753439 | 7  | S | 22 | E | 14 | 5670  | Oil Well | Temporarily-abandoned |
| RW 31-24AGR          | 4304753442 | 7  | S | 22 | E | 24 | 5670  | Oil Well | Temporarily-abandoned |

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

|                                                                                                                             |                                                             |
|-----------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------|
| 1. TYPE OF WELL<br>OIL WELL <input checked="" type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <u>X</u> | 5. LEASE DESIGNATION AND SERIAL NUMBER:<br>See Attachment A |
| 2. NAME OF OPERATOR:<br>Middle Fork Energy Uinta, LLC                                                                       | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME:<br>NA                 |
| 3. ADDRESS OF OPERATOR:<br>1515 Wynkoop St, Ste 650 CITY Denver STATE CO ZIP 80202                                          | 7. UNIT or CA AGREEMENT NAME:<br>See Attachment A           |
| PHONE NUMBER:<br>(720) 500-0195                                                                                             | 8. WELL NAME and NUMBER:<br>See Attachment A                |
| 10. FIELD AND POOL, OR WILDCAT:<br>See Attachment A                                                                         | 9. API NUMBER:<br>See Attachment A                          |

|                                                                                                                               |                                          |
|-------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|
| 4. LOCATION OF WELL<br>FOOTAGES AT SURFACE: See Attachment A<br>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: See Attachment A | COUNTY: Uintah & Dushesne<br>STATE: UTAH |
|-------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

| TYPE OF SUBMISSION                                                                                                                  | TYPE OF ACTION                                          |                                                           |                                                                        |
|-------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------|-----------------------------------------------------------|------------------------------------------------------------------------|
| <input checked="" type="checkbox"/> NOTICE OF INTENT<br>(Submit in Duplicate)<br>Approximate date work will start:<br><u>4-1-18</u> | <input type="checkbox"/> ACIDIZE                        | <input type="checkbox"/> DEEPEN                           | <input type="checkbox"/> REPERFORATE CURRENT FORMATION                 |
| <input type="checkbox"/> SUBSEQUENT REPORT<br>(Submit Original Form Only)<br>Date of work completion:                               | <input type="checkbox"/> ALTER CASING                   | <input type="checkbox"/> FRACTURE TREAT                   | <input type="checkbox"/> SIDETRACK TO REPAIR WELL                      |
|                                                                                                                                     | <input type="checkbox"/> CASING REPAIR                  | <input type="checkbox"/> NEW CONSTRUCTION                 | <input type="checkbox"/> TEMPORARILY ABANDON                           |
|                                                                                                                                     | <input type="checkbox"/> CHANGE TO PREVIOUS PLANS       | <input type="checkbox"/> OPERATOR CHANGE                  | <input type="checkbox"/> TUBING REPAIR                                 |
|                                                                                                                                     | <input type="checkbox"/> CHANGE TUBING                  | <input type="checkbox"/> PLUG AND ABANDON                 | <input type="checkbox"/> VENT OR FLARE                                 |
|                                                                                                                                     | <input type="checkbox"/> CHANGE WELL NAME               | <input type="checkbox"/> PLUG BACK                        | <input type="checkbox"/> WATER DISPOSAL                                |
|                                                                                                                                     | <input type="checkbox"/> CHANGE WELL STATUS             | <input type="checkbox"/> PRODUCTION (START/RESUME)        | <input type="checkbox"/> WATER SHUT-OFF                                |
|                                                                                                                                     | <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS | <input type="checkbox"/> RECLAMATION OF WELL SITE         | <input checked="" type="checkbox"/> OTHER: <u>Transfer of Operator</u> |
|                                                                                                                                     | <input type="checkbox"/> CONVERT WELL TYPE              | <input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION |                                                                        |

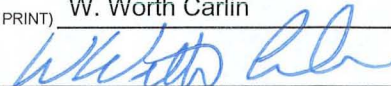
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

QEP Energy Company respectfully requests that the operator be transferred to Middle Fork Energy Uinta, LLC for all wells referenced on Attachment A - Lease Based. These wells have conductor set only.

Middle Fork Energy Uinta, LLC will operate the wells under Federal Bond No. LPM9291322 or State Bond LPM9291321 and will comply with all the Conditions of Approval within the originally approved Applications for Permit to Drill.

  
Michael K. Watanabe  
Vice President, Land

  
W. Worth Carlin  
Vice President - Land

|                                                                                               |                                    |
|-----------------------------------------------------------------------------------------------|------------------------------------|
| NAME (PLEASE PRINT) <u>W. Worth Carlin</u>                                                    | TITLE <u>Vice President - Land</u> |
| SIGNATURE  | DATE <u>10-8-2018</u>              |

(This space for State use only)

APPROVED

OCT 31 2018

DIV. OIL GAS & MINING  
BY: Rachel Medina

(See Instructions on Reverse Side)

RECEIVED

OCT 15 2018

DIV. OF OIL, GAS & MINING



(Lower  
64,00100)  
520-7  
Page #

AP

|    | API        | Name                     | UIC Permit #  | Sec | Qtr | Qtr | T   | R   |
|----|------------|--------------------------|---------------|-----|-----|-----|-----|-----|
| 1  | 4304733244 | DS FEDERAL 7-19-10-18    | #N/A          | 19  | SW  | NE  | 10S | 18E |
| 2  | 4304733245 | FEDERAL 5-20-10-18       | UT20962-06344 | 20  | SW  | NW  | 10S | 18E |
| 3  | 4304732583 | GB 12-16-8-22(WIW)       | UT20765-04248 | 16  | NW  | SW  | 8S  | 22E |
| 4  | 4304732756 | GB 15-19-8-22(WIW)       | UT20806-04338 | 19  | SW  | SE  | 8S  | 22E |
| 5  | 4304731356 | GB 22-20(WIW)            | UT20755-04235 | 20  | SE  | NW  | 8S  | 22E |
| 6  | 4304732549 | GB 6-16-8-22 (WIW)       | UT20878-04539 | 16  | SE  | NW  | 8S  | 22E |
| 7  | 4304732582 | GB 7-16-8-22(WIW)        | UT20803-04335 | 16  | SW  | NE  | 8S  | 22E |
| 8  | 4304732306 | GH 10                    | UT20632-03721 | 21  | NW  | SE  | 8S  | 21E |
| 9  | 4304732458 | GH 12                    | UT20727-03794 | 19  | NE  | SE  | 8S  | 21E |
| 10 | 4304731006 | GH 1-20                  | UT20726-03792 | 20  | NE  | SW  | 8S  | 21E |
| 11 | 4304732648 | GH 15 (WIW)              | UT20804-04336 | 20  | SW  | SW  | 8S  | 21E |
| 12 | 4304732649 | GH 17 (WIW)              | UT20805-04337 | 20  | SW  | SE  | 8S  | 21E |
| 13 | 4304731066 | GH 2-20                  | UT20634-03722 | 20  | NE  | SE  | 8S  | 21E |
| 14 | 4304720002 | GH 3                     | UT20759-04241 | 20  | NE  | NE  | 8S  | 21E |
| 15 | 4304731604 | GH 3-21                  | UT20540-02714 | 21  | SW  | NW  | 8S  | 21E |
| 16 | 4304731932 | GH 8                     | UT20541-02715 | 20  | SW  | NE  | 8S  | 21E |
| 17 | 4304737992 | GH 8G-17-8-21            | UT22222-09434 | 17  | SE  | NE  | 8S  | 21E |
| 18 | 4304738875 | NBE 12SWD-10-9-23        | UT21078-07216 | 10  | NW  | SW  | 9S  | 23E |
| 19 | 4304734135 | PENDRAGON FED 9-17-10-18 | UT20965-06347 | 17  | NE  | SE  | 10S | 18E |
| 20 | 4304733553 | RW 11-20B                | UT20894-04603 | 20  | NW  | NW  | 7S  | 23E |
| 21 | 4304733590 | RW 11-29B                | UT20915-04629 | 29  | NW  | NW  | 7S  | 23E |
| 22 | 4304733785 | RW 11-30B                | UT20929-04658 | 30  | NW  | NW  | 7S  | 23E |
| 23 | 4304754035 | RW 11-33B SWD            | UT22271-10085 | 33  | NW  | NW  | 7S  | 23E |
| 24 | 4304731052 | RW 11-36B                | UT20000-02453 | 36  | NW  | NW  | 7S  | 23E |
| 25 | 4304733591 | RW 12-24A                | UT20921-04642 | 24  | SW  | NW  | 7S  | 22E |
| 26 | 4304716477 | RW 12-24B LONG STRING    | UT20000-02421 | 24  | SW  | NW  | 7S  | 23E |
| 27 | 4304733497 | RW 13-19B                | UT20897-04606 | 19  | NW  | SW  | 7S  | 23E |
| 28 | 4304733498 | RW 13-20B                | UT20896-04605 | 20  | NW  | SW  | 7S  | 23E |
| 29 | 4304715261 | RW 13-22B LONG STRING    | UT20000-02407 | 22  | NW  | SW  | 7S  | 23E |
| 30 | 4304715144 | RW 14-13B                | UT20000-02396 | 13  | SW  | SW  | 7S  | 23E |
| 31 | 4304716497 | RW 14-21B                | UT20000-02440 | 21  | SW  | SW  | 7S  | 23E |
| 32 | 4304716472 | RW 14-24B                | UT20000-02416 | 24  | SW  | SW  | 7S  | 23E |
| 33 | 4304715281 | RW 21-20B                | UT20000-02411 | 20  | NE  | NW  | 7S  | 23E |
| 34 | 4304715151 | RW 21-23B LONG STRING    | UT20000-02397 | 23  | SE  | NW  | 7S  | 23E |
| 35 | 4304730103 | RW 21-27A                | UT20000-02446 | 27  | NE  | NW  | 7S  | 22E |
| 36 | 4304715161 | RW 23-14B                | UT20000-02398 | 14  | NE  | SW  | 7S  | 23E |
| 37 | 4304715267 | RW 23-15B                | UT20000-02409 | 15  | NE  | SW  | 7S  | 23E |
| 38 | 4304732739 | RW 23-17B                | UT20835-04402 | 17  | NE  | SW  | 7S  | 23E |
| 39 | 4304715210 | RW 23-18B                | UT20000-02404 | 18  | NE  | SW  | 7S  | 23E |
| 40 | 4304733555 | RW 31-19B                | UT20911-04616 | 19  | NW  | NE  | 7S  | 23E |
| 41 | 4304731077 | RW 31-26B                | UT20000-02455 | 26  | NW  | NE  | 7S  | 23E |
| 42 | 4304730519 | RW 31-35B LONG STRING    | UT20000-02449 | 35  | NW  | NE  | 7S  | 23E |
| 43 | 4304715289 | RW 33-13B                | UT20000-02412 | 13  | NW  | SE  | 7S  | 23E |
| 44 | 4304733499 | RW 33-19B                | UT20903-04611 | 19  | NW  | SE  | 7S  | 23E |
| 45 | 4304716479 | RW 33-22B                | UT20000-02423 | 22  | NW  | SE  | 7S  | 23E |
| 46 | 4304733790 | RW 33-30B                | UT20928-04650 | 30  | NW  | SE  | 7S  | 23E |



|     |            |                       |               |    |    |    |    |     |    |
|-----|------------|-----------------------|---------------|----|----|----|----|-----|----|
| 48. | 4304733593 | RW 34-13A             | UT20922-04643 | 13 | SW | SE | 7S | 22E |    |
| 48. | 4304730458 | RW 34-22A             | UT20812-04348 | 22 | SW | SE | 7S | 22E |    |
| 49. | 4304715146 | RW 41-20B             | UT20810-04346 | 20 | NE | NE | 7S | 23E |    |
| 50. | 4304715221 | RW 41-24A             | UT20000-02406 | 24 | SE | NE | 7S | 22E | AP |
| 51. | 4304716473 | RW 41-27B (GR)        | UT20000-02417 | 27 | NE | NE | 7S | 23E | AP |
| 52. | 4304715182 | RW 41-28B LONG STRING | UT20000-02400 | 28 | NE | NE | 7S | 23E | AP |
| 53. | 4304720060 | RW 41-33B             | UT20661-02444 | 33 | NE | NE | 7S | 23E |    |
| 54. | 4304732980 | RW 43-17B             | UT20832-04399 | 17 | NE | SE | 7S | 23E |    |
| 55. | 4304732982 | RW 43-18B             | UT20833-04400 | 18 | NE | SE | 7S | 23E |    |
| 56. | 4304715219 | RW 43-21A             | UT20000-02463 | 21 | NE | SE | 7S | 22E | AP |
| 57. | 4304753680 | RW 43-27AGR           | UT22296-10402 | 27 | NE | SE | 7S | 22E |    |
| 58. | 4304733987 | SU 3W-5-8-22          | UT20947-06158 | 5  | NE | NW | 8S | 22E |    |
| 59. | 4304732462 | WV 120                | UT20770-04264 | 22 | NE | NW | 8S | 21E |    |
| 60. | 4304730796 | WV 126                | UT20000-02509 | 21 | NW | NE | 8S | 21E | AP |
| 61. | 4304731707 | WV 140                | UT2567-03508  | 15 | NW | NW | 8S | 21E |    |
| 62. | 4304731808 | WV 143                | UT20568-03509 | 10 | NW | SE | 8S | 21E |    |
| 63. | 4304715447 | WV 16                 | UT20000-02469 | 15 | NE | NE | 8S | 21E | AP |
| 64. | 4304715452 | WV 21                 | UT20000-02471 | 16 | NE | NE | 8S | 21E | AP |
| 65. | 4304731524 | WV 28-2               | UT20000-02510 | 11 | NE | SW | 8S | 21E | AP |
| 66. | 4304715460 | WV 31                 | UT20000-02394 | 14 | NE | NW | 8S | 21E | AP |
| 67. | 4304715463 | WV 35                 | UT20813-04351 | 14 | NE | SW | 8S | 21E |    |
| 68. | 4304715464 | WV 36                 | UT20000-02479 | 10 | NE | SW | 8S | 21E | AP |
| 69. | 4304734596 | WV 3G-8-8-22          | UT20954-06195 | 8  | NE | NW | 8S | 22E |    |
| 70. | 4304731798 | WV 40-2               | UT20000-02511 | 10 | NE | SE | 8S | 21E | AP |
| 71. | 4304715469 | WV 41                 | UT20000-02483 | 15 | NE | NW | 8S | 21E | AP |
| 72. | 4304715477 | WV 50                 | UT20563-03504 | 15 | SW | NE | 8S | 21E |    |
| 73. | 4304720018 | WV 59                 | UT20564-03505 | 14 | SW | NW | 8S | 21E |    |
| 74. | 4304720019 | WV 60                 | UT20565-03506 | 15 | SW | SE | 8S | 21E |    |
| 75. | 4304720043 | WV 67                 | UT20000-02497 | 15 | NE | SW | 8S | 21E | AP |
| 76. | 4304720047 | WV 68                 | UT20000-02498 | 15 | NE | SE | 8S | 21E | AP |
| 77. | 4304732449 | WV 71-2               | UT20712-03777 | 15 | SW | SW | 8S | 21E |    |
| 78. | 4304720058 | WV 72                 | UT20000-02501 | 16 | SW | SW | 8S | 21E | AP |
| 79. | 4304720115 | WV 78                 | UT20000-02504 | 16 | NE | SW | 8S | 21E | AP |
| 80. | 4304730014 | WV 97                 | UT20814-04350 | 11 | NW | SW | 8S | 21E |    |

p2 34  
p1 46  
Total 80

p1 16  
p1 16  
32

Attachment A to Sundry Notice  
QEP Energy to Middle Fork Energy Uinta, LLC  
State and Fee Minerals

Page 1 of 4

| API Number | Well Name                 | Qtr/Qtr | Section | Township | Range | County | Lease or Unit # | Name of Unit or Lease                |
|------------|---------------------------|---------|---------|----------|-------|--------|-----------------|--------------------------------------|
| 4304734121 | GB 6W-25-8-21             | SENW    | 25      | 8S       | 21E   | UINTAH | FEE             | Kay E Anderson and Stephen L. Jensen |
| 4304734122 | GB 7W-25-8-21             | SWNE    | 25      | 8S       | 21E   | UINTAH | FEE             | Kay E Anderson and Stephen L. Jensen |
| 4304734392 | OU GB 11W-30-8-22         | NESW    | 30      | 8S       | 22E   | UINTAH | FEE             | Paul Schwartz                        |
| 4304737944 | GB 9ML-16-8-22 (W)        | NESE    | 16      | 8S       | 22E   | UINTAH | ML-22049        | State Minerals                       |
| 4304734617 | OU GB 12W-16-8-22         | NWSW    | 16      | 8S       | 22E   | UINTAH | ML-22049        | State Minerals                       |
| 4304734618 | OU GB 13W-16-8-22         | SWSW    | 16      | 8S       | 22E   | UINTAH | ML-22049        | State Minerals                       |
| 4304734619 | OU GB 14MU-16-8-22 (W)    | SESW    | 16      | 8S       | 22E   | UINTAH | ML-22049        | State Minerals                       |
| 4304734622 | OU GB 15W-16-8-22         | SWSE    | 16      | 8S       | 22E   | UINTAH | ML-22049        | State Minerals                       |
| 4304734657 | OU GB 2W-16-8-22          | NWNE    | 16      | 8S       | 22E   | UINTAH | ML-22049        | State Minerals                       |
| 4304734598 | OU GB 4W-16-8-22          | NWNW    | 16      | 8S       | 22E   | UINTAH | ML-22049        | State Minerals                       |
| 4304733752 | OU GB 5W-16-8-22          | SWNW    | 16      | 8S       | 22E   | UINTAH | ML-22049        | State Minerals                       |
| 4304734658 | OU GB 6W-16-8-22          | SENW    | 16      | 8S       | 22E   | UINTAH | ML-22049        | State Minerals                       |
| 4304733754 | OU GB 11W-16-8-22         | NESW    | 16      | 8S       | 22E   | UINTAH | ML-22049        | State Minerals                       |
| 4304734656 | OU GB 1MU-16-8-22 (W)     | NENE    | 16      | 8S       | 22E   | UINTAH | ML-22049        | State Minerals                       |
| 4304734659 | OU GB 7W-16-8-22          | SWNE    | 16      | 8S       | 22E   | UINTAH | ML-22049        | State Minerals                       |
| 4304733751 | OU GB 3W-16-8-22          | NENW    | 16      | 8S       | 22E   | UINTAH | ML-22049        | State Minerals                       |
| 4304734655 | OU GB 16W-16-8-22         | SESE    | 16      | 8S       | 22E   | UINTAH | ML-22049        | State Minerals                       |
| 4304734660 | OU GB 8W-16-8-22          | SENE    | 16      | 8S       | 22E   | UINTAH | ML-22049        | State Minerals                       |
| 4304734829 | GB 15G-16-8-22            | SWSE    | 16      | 8S       | 22E   | UINTAH | ML-22049        | State Minerals                       |
| 4304738764 | GB 45G-36-8-21            | NWNW    | 36      | 8S       | 21E   | UINTAH | ML-22051        | State Minerals                       |
| 4304733944 | GB 1W-36-8-21             | NENE    | 36      | 8S       | 21E   | UINTAH | ML-22051        | State Minerals                       |
| 4304733252 | GB 2-36-8-21              | NWNE    | 36      | 8S       | 21E   | UINTAH | ML-22051        | State Minerals                       |
| 4304734894 | GB 3W-36-8-21             | NENW    | 36      | 8S       | 21E   | UINTAH | ML-22051        | State Minerals                       |
| 4304734926 | GB 4MU-36-8-21 (W)        | NWNW    | 36      | 8S       | 21E   | UINTAH | ML-22051        | State Minerals                       |
| 4304735155 | GB 55G-36-8-21            | SWNW    | 36      | 8S       | 21E   | UINTAH | ML-22051        | State Minerals                       |
| 4304734925 | GB 5W-36-8-21             | SWNW    | 36      | 8S       | 21E   | UINTAH | ML-22051        | State Minerals                       |
| 4304733038 | GB 6-36-8-21              | SENW    | 36      | 8S       | 21E   | UINTAH | ML-22051        | State Minerals                       |
| 4304734893 | GB 7MU-36-8-21 (W)        | SWNE    | 36      | 8S       | 21E   | UINTAH | ML-22051        | State Minerals                       |
| 4304733037 | GB 8A-36-8-21             | SENE    | 36      | 8S       | 21E   | UINTAH | ML-22051        | State Minerals                       |
| 4304732724 | TOLL STATION ST 8-36-8-21 | SENE    | 36      | 8S       | 21E   | UINTAH | ML-22051        | State Minerals                       |
| 4304733570 | GH 1W-32-8-21             | NENE    | 32      | 8S       | 21E   | UINTAH | ML-22052        | State Minerals                       |



| API Number | Well Name             | Qtr/Qtr | Section | Township | Range | County   | Lease or Unit #   | Name of Unit or Lease |
|------------|-----------------------|---------|---------|----------|-------|----------|-------------------|-----------------------|
| 4304733744 | GH 2W-32-8-21         | NWNE    | 32      | 8S       | 21E   | UINTAH   | ML-22052          | State Minerals        |
| 4304733571 | GH 3W-32-8-21         | NENW    | 32      | 8S       | 21E   | UINTAH   | ML-22052          | State Minerals        |
| 4304733745 | GH 4W-32-8-21         | NWNW    | 32      | 8S       | 21E   | UINTAH   | ML-22052          | State Minerals        |
| 4304733753 | GH 6W-32-8-21         | SENE    | 32      | 8S       | 21E   | UINTAH   | ML-22052          | State Minerals        |
| 4304733573 | GH 7W-32-8-21         | SWNE    | 32      | 8S       | 21E   | UINTAH   | ML-22052          | State Minerals        |
| 4304733746 | GH 8W-32-8-21         | SENE    | 32      | 8S       | 21E   | UINTAH   | ML-22052          | State Minerals        |
| 4304733866 | GH 5G-32-8-21         | SWNW    | 32      | 8S       | 21E   | UINTAH   | ML-22052          | State Minerals        |
| 4304733572 | GH 5W-32-8-21         | SWNW    | 32      | 8S       | 21E   | UINTAH   | ML-22052          | State Minerals        |
| 4304730609 | KAYE STATE 1-16       | NWNW    | 16      | 10S      | 23E   | UINTAH   | ML-22186          | State Minerals        |
| 4304735311 | SC 11ML-16-10-23 (ML) | NESW    | 16      | 10S      | 23E   | UINTAH   | ML-22186          | State Minerals        |
| 4304736878 | SC 12ML-16-10-23 (W)  | NWSW    | 16      | 10S      | 23E   | UINTAH   | ML-22186          | State Minerals        |
| 4304735281 | SC 13M-16-10-23 (MU)  | SWSW    | 16      | 10S      | 23E   | UINTAH   | ML-22186          | State Minerals        |
| 4304736908 | SC 14ML-16-10-23 (W)  | SESW    | 16      | 10S      | 23E   | UINTAH   | ML-22186          | State Minerals        |
| 4304735282 | SC 3ML-16-10-23 (ML)  | NENW    | 16      | 10S      | 23E   | UINTAH   | ML-22186          | State Minerals        |
| 4304736912 | SC 4ML-16-10-23 (W)   | NWNW    | 16      | 10S      | 23E   | UINTAH   | ML-22186          | State Minerals        |
| 4304736877 | SC 5ML-16-10-23 (W)   | SWNW    | 16      | 10S      | 23E   | UINTAH   | ML-22186          | State Minerals        |
| 4304734292 | WV 4W-16-8-21         | NWNW    | 16      | 8S       | 21E   | UINTAH   | ML-2237           | State Minerals        |
| 4304720066 | WV 73                 | NESE    | 16      | 8S       | 21E   | UINTAH   | ML-2237           | State Minerals        |
| 4304733564 | WV 6G-16-8-21         | SENE    | 16      | 8S       | 21E   | UINTAH   | ML-2237           | State Minerals        |
| 4304734034 | WV 2W-2-8-21          | NWNE    | 2       | 8S       | 21E   | UINTAH   | ML-2785           | State Minerals        |
| 4304733645 | WV 16WRG-2-8-21       | SESE    | 2       | 8S       | 21E   | UINTAH   | ML-2785           | State Minerals        |
| 4304733646 | WV 16G-2-8-21         | SESE    | 2       | 8S       | 21E   | UINTAH   | ML-2785           | State Minerals        |
| 4304715292 | RW 41-16B (GR)        | NENE    | 16      | 7S       | 23E   | UINTAH   | ML-3037           | State Minerals        |
| 4304733084 | RW 23-16B             | SESW    | 16      | 7S       | 23E   | UINTAH   | ML-3037           | State Minerals        |
| 4304737671 | BZ 10D-16-8-24 (DK)   | NWSE    | 16      | 8S       | 24E   | UINTAH   | ML-3044A          | State Minerals        |
| 4304715128 | STATE 1               | NENE    | 36      | 7S       | 24E   | UINTAH   | ML-3053           | State Minerals        |
| 4304733223 | WV 9W-13-8-21         | NESE    | 13      | 8S       | 21E   | UINTAH   | ML-3084A          | State Minerals        |
| 4304751171 | DS 9G-16-10-18        | NESE    | 16      | 10S      | 18E   | UINTAH   | ML-45175 (Zone A) | State Minerals        |
| 4304733647 | WV 9G-2-8-21          | NESE    | 2       | 8S       | 21E   | UINTAH   | ML-45175 (Zone A) | State Minerals        |
| 4304735484 | WH 13G-2-7-24         | SWSW    | 2       | 7S       | 24E   | UINTAH   | ML-46525          | State Minerals        |
| 4301333485 | BIG WASH 61-16 GR     | NENE    | 16      | 10S      | 16E   | DUCHESNE | ML-47000          | State Minerals        |
| 4304734067 | WV 11W-36-7-21        | NESW    | 36      | 7S       | 21E   | UINTAH   | ML-47040          | State Minerals        |
| 4304734065 | WV 7W-36-7-21         | SWNE    | 36      | 7S       | 21E   | UINTAH   | ML-47040          | State Minerals        |
| 4304734066 | WV 9WRG-36-7-21       | NESE    | 36      | 7S       | 21E   | UINTAH   | ML-47040          | State Minerals        |
| 4304734099 | WV 5W-36-7-21         | SWNW    | 36      | 7S       | 21E   | UINTAH   | ML-47047          | State Minerals        |
| 4301333483 | GILSONITE 11-02 GR    | NWNE    | 2       | 10S      | 15E   | DUCHESNE | ML-47049          | State Minerals        |
| 4301333168 | BIG SPRING 3-36 GR    | SWNE    | 36      | 10S      | 15E   | DUCHESNE | ML-47051          | State Minerals        |



| API Number | Well Name                  | Qtr/Qtr | Section | Township | Range | County   | Lease or Unit #   | Name of Unit or Lease                                   |
|------------|----------------------------|---------|---------|----------|-------|----------|-------------------|---------------------------------------------------------|
| 4304738055 | HR 10MU-2-12-23 (MU)       | NWSE    | 2       | 12S      | 23E   | UINTAH   | ML-50193          | State Minerals                                          |
| 4304752400 | EM 1G-36-9-17 (GR)         | NENE    | 36      | 9S       | 17E   | UINTAH   | ML-51206          | State Minerals                                          |
| 4304733730 | RW 21-36A (AKA RWU 21W-3   | NENW    | 36      | 7S       | 22E   | UINTAH   | U-0561ST          | State Minerals                                          |
| 4304737946 | RW 12-32BG (GR)            | SWNW    | 32      | 7S       | 23E   | UINTAH   | UTO-02025-ST      | State Minerals                                          |
| 4304731354 | WHITE RIVER 43-16          | NENW    | 16      | 8S       | 22E   | UINTAH   | Unit # UTU 73974X | State Minerals in Glen Bench Sec Recovery Unit          |
| 4304732857 | GB 11-16-8-22              | NESW    | 16      | 8S       | 22E   | UINTAH   | Unit # UTU 73974X | State Minerals in Glen Bench Sec Recovery Unit          |
| 4304731399 | GB 45-16-8-22              | NENE    | 16      | 8S       | 22E   | UINTAH   | Unit # UTU 73974X | State Minerals in Glen Bench Sec Recovery Unit          |
| 4304732583 | GB 12-16-8-22(WIW)         | NWSW    | 16      | 8S       | 22E   | UINTAH   | Unit # UTU 73974X | State Minerals in Glen Bench Sec Recovery Unit          |
| 4304732549 | GB 6-16-8-22 (WIW)         | SENW    | 16      | 8S       | 22E   | UINTAH   | Unit # UTU 73974X | State Minerals in Glen Bench Sec Recovery Unit          |
| 4304732582 | GB 7-16-8-22(WIW)          | SWNE    | 16      | 8S       | 22E   | UINTAH   | Unit # UTU 73974X | State Minerals in Glen Bench Sec Recovery Unit          |
| 4301350370 | WR 16G-32-10-17            | SESE    | 32      | 10S      | 17E   | DUCHESNE | Unit # UTU 87716A | State Minerals Nautilus PA "A" Green River              |
| 4304754358 | RW H1-14-16B               | SWSW    | 16      | 7S       | 23E   | UINTAH   | Unit # UTU 63010D | State Minerals in Red Wash Unit PA "D" Gas              |
| 4304715177 | RW 12-16B (GR)             | SWNW    | 16      | 7S       | 23E   | UINTAH   | Unit # UTU 63010O | State Minerals in Red Wash Unit PA "O" Oil              |
| 4304732785 | RW 14-16B (GR)             | SWSW    | 16      | 7S       | 23E   | UINTAH   | Unit # UTU 63010O | State Minerals in Red Wash Unit PA "O" Oil              |
| 4304737746 | RW 24-16BG (GR)            | SESW    | 16      | 7S       | 23E   | UINTAH   | Unit # UTU 63010O | State Minerals in Red Wash Unit PA "O" Oil              |
| 4304732786 | RW 34-16B (GR)             | SWSE    | 16      | 7S       | 23E   | UINTAH   | Unit # UTU 63010O | State Minerals in Red Wash Unit PA "O" Oil              |
| 4304735238 | RWU 32G-16C (GR)           | SWNE    | 16      | 7S       | 24E   | UINTAH   | Unit # UTU 63010O | State Minerals in Red Wash Unit PA "O" Oil              |
| 4304736887 | RW 01-36BG (GR)            | NWNW    | 36      | 7S       | 23E   | UINTAH   | Unit # UTU 63010O | State Minerals in Red Wash Unit PA "O" Oil              |
| 4304733807 | STATE 1-16-10-18           | NENE    | 16      | 10S      | 18E   | UINTAH   | Unit # UTU 81306X | State Minerals in Uteland Butte Secondary Recovery Unit |
| 4304734766 | DS NORTH STATE 3-16-10-18  | NENW    | 16      | 10S      | 18E   | UINTAH   | Unit # UTU 81306X | State Minerals in Uteland Butte Secondary Recovery Unit |
| 4304734767 | DS NORTH STATE 11-16-10-18 | NESW    | 16      | 10S      | 18E   | UINTAH   | Unit # UTU 81306X | State Minerals in Uteland Butte Secondary Recovery Unit |
| 4304734326 | WV 10W-16-8-21             | NWSE    | 16      | 8S       | 21E   | UINTAH   | Unit # UTU 63043E | State Minerals in Wonsits Valley PA "E" Gas             |
| 4304734190 | WV 11W-16-8-21             | NESW    | 16      | 8S       | 21E   | UINTAH   | Unit # UTU 63043E | State Minerals in Wonsits Valley PA "E" Gas             |
| 4304737824 | WV 12BML-16-8-21 (W)       | SWNW    | 16      | 8S       | 21E   | UINTAH   | Unit # UTU 63043E | State Minerals in Wonsits Valley PA "E" Gas             |
| 4304733649 | WV 12W-16-8-21             | NWSW    | 16      | 8S       | 21E   | UINTAH   | Unit # UTU 63043E | State Minerals in Wonsits Valley PA "E" Gas             |
| 4304734191 | WV 13W-16-8-21             | SWSW    | 16      | 8S       | 21E   | UINTAH   | Unit # UTU 63043E | State Minerals in Wonsits Valley PA "E" Gas             |
| 4304734192 | WV 14W-16-8-21             | SESW    | 16      | 8S       | 21E   | UINTAH   | Unit # UTU 63043E | State Minerals in Wonsits Valley PA "E" Gas             |
| 4304737871 | WV 15CML-16-8-21 (ML)      | SESW    | 16      | 8S       | 21E   | UINTAH   | Unit # UTU 63043E | State Minerals in Wonsits Valley PA "E" Gas             |
| 4304734224 | WV 15W-16-8-21             | SWSE    | 16      | 8S       | 21E   | UINTAH   | Unit # UTU 63043E | State Minerals in Wonsits Valley PA "E" Gas             |
| 4304733796 | WV 16W-13-8-21             | SESE    | 13      | 8S       | 21E   | UINTAH   | Unit # UTU 63043E | State Minerals in Wonsits Valley PA "E" Gas             |
| 4304734225 | WV 16W-16-8-21             | SESE    | 16      | 8S       | 21E   | UINTAH   | Unit # UTU 63043E | State Minerals in Wonsits Valley PA "E" Gas             |
| 4304734288 | WV 1MU-16-8-21 (W)         | NENE    | 16      | 8S       | 21E   | UINTAH   | Unit # UTU 63043E | State Minerals in Wonsits Valley PA "E" Gas             |

| API Number | Well Name          | Qtr/Qtr | Section | Township | Range | County | Lease or Unit #   | Name of Unit or Lease                            |
|------------|--------------------|---------|---------|----------|-------|--------|-------------------|--------------------------------------------------|
| 4304733246 | WV 2W-16-8-21      | NWNE    | 16      | 8S       | 21E   | UINTAH | Unit # UTU 63043E | State Minerals in Wonsits Valley PA "E" Gas      |
| 4304734321 | WV 5W-16-8-21      | SWNW    | 16      | 8S       | 21E   | UINTAH | Unit # UTU 63043E | State Minerals in Wonsits Valley PA "E" Gas      |
| 4304733527 | WV 6W-16-8-21      | SENE    | 16      | 8S       | 21E   | UINTAH | Unit # UTU 63043E | State Minerals in Wonsits Valley PA "E" Gas      |
| 4304734322 | WV 7W-16-8-21      | SWNE    | 16      | 8S       | 21E   | UINTAH | Unit # UTU 63043E | State Minerals in Wonsits Valley PA "E" Gas      |
| 4304734323 | WV 8ML-16-8-21 (W) | SENE    | 16      | 8S       | 21E   | UINTAH | Unit # UTU 63043E | State Minerals in Wonsits Valley PA "E" Gas      |
| 4304734325 | WV 9W-16-8-21      | NESE    | 16      | 8S       | 21E   | UINTAH | Unit # UTU 63043E | State Minerals in Wonsits Valley PA "E" Gas      |
| 4304733648 | WV 9W-2-8-21       | NESE    | 2       | 8S       | 21E   | UINTAH | Unit # UTU 63043E | State Minerals in Wonsits Valley PA "E" Gas      |
| 4304720085 | WONSITS VALLEY 75  | SWNE    | 16      | 8S       | 21E   | UINTAH | Unit # UTU 63043O | State Minerals Wonsits Valley PA "O" Green River |
| 4304734035 | WV 10G-2-8-21      | NWSE    | 2       | 8S       | 21E   | UINTAH | Unit # UTU 63043O | State Minerals Wonsits Valley PA "O" Green River |
| 4304731611 | WV 127             | SENE    | 16      | 8S       | 21E   | UINTAH | Unit # UTU 63043O | State Minerals Wonsits Valley PA "O" Green River |
| 4304731118 | WV 134             | SESE    | 16      | 8S       | 21E   | UINTAH | Unit # UTU 63043O | State Minerals Wonsits Valley PA "O" Green River |
| 4304734068 | WV 13G-2-8-21      | SWSW    | 2       | 8S       | 21E   | UINTAH | Unit # UTU 63043O | State Minerals Wonsits Valley PA "O" Green River |
| 4304731609 | WV 141             | NWSE    | 16      | 8S       | 21E   | UINTAH | Unit # UTU 63043O | State Minerals Wonsits Valley PA "O" Green River |
| 4304734036 | WV 14G-2-8-21      | SESW    | 2       | 8S       | 21E   | UINTAH | Unit # UTU 63043O | State Minerals Wonsits Valley PA "O" Green River |
| 4304733247 | WV 2G-16-8-21      | NWNE    | 16      | 8S       | 21E   | UINTAH | Unit # UTU 63043O | State Minerals Wonsits Valley PA "O" Green River |
| 4304716513 | WV 32              | NENW    | 16      | 8S       | 21E   | UINTAH | Unit # UTU 63043O | State Minerals Wonsits Valley PA "O" Green River |
| 4304734107 | WV 5G-16-8-21      | SWNW    | 16      | 8S       | 21E   | UINTAH | Unit # UTU 63043O | State Minerals Wonsits Valley PA "O" Green River |
| 4304720078 | WV 74              | SWSE    | 16      | 8S       | 21E   | UINTAH | Unit # UTU 63043O | State Minerals Wonsits Valley PA "O" Green River |
| 4304733650 | WV 12G-16-8-21     | NWSW    | 16      | 8S       | 21E   | UINTAH | Unit # UTU 63043O | State Minerals Wonsits Valley PA "O" Green River |
| 4304731612 | WV 142             | SESW    | 16      | 8S       | 21E   | UINTAH | Unit # UTU 63043O | State Minerals Wonsits Valley PA "O" Green River |
| 4304720058 | WV 72              | SWSW    | 16      | 8S       | 21E   | UINTAH | Unit # UTU 63043O | State Minerals Wonsits Valley PA "O" Green River |
| 4304720115 | WV 78              | NESW    | 16      | 8S       | 21E   | UINTAH | Unit # UTU 63043O | State Minerals Wonsits Valley PA "O" Green River |
| 4304715452 | WV 21              | NENE    | 16      | 8S       | 21E   | UINTAH | Unit # UTU 63043O | State Minerals Wonsits Valley PA "O" Green River |



**Attachment A to Sundry Notice**  
**QEP Energy to Middle Fork Energy Uinta, LLC**  
**State and Fee Minerals**

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| API Number | Well Name            | Qtr/Qtr | Section | Township | Range | County | Lease or Unit #   | Name of Unit or Lease          |
|------------|----------------------|---------|---------|----------|-------|--------|-------------------|--------------------------------|
| 4304737347 | CWD 10D-32-8-24 (M)  | NWSE    | 32      | 8S       | 24E   | UINTAH | Unit # UTU 81308C | Big Valley Consolidated PA "A" |
| 4304737277 | CWD 14D-32-8-24 (DK) | SESW    | 32      | 8S       | 24E   | UINTAH | Unit # UTU 81308C | Big Valley Consolidated PA "A" |
| 4304737278 | CWD 16D-32-8-24 (M)  | SESE    | 32      | 8S       | 24E   | UINTAH | Unit # UTU 81308C | Big Valley Consolidated PA "A" |
| 4304737238 | NBZ 8D-31-8-24 (M)   | SENE    | 31      | 8S       | 24E   | UINTAH | Unit # UTU 81308C | Big Valley Consolidated PA "A" |
| 4304735653 | RWS 10ML-6-9-24 (ML) | NWSE    | 6       | 9S       | 24E   | UINTAH | Unit # UTU 81308C | Big Valley Consolidated PA "A" |
| 4304737312 | RWS 12ML-6-9-24 (ML) | NWSW    | 6       | 9S       | 24E   | UINTAH | Unit # UTU 81308C | Big Valley Consolidated PA "A" |
| 4304737335 | RWS 16ML-6-9-24 (ML) | SESE    | 6       | 9S       | 24E   | UINTAH | Unit # UTU 81308C | Big Valley Consolidated PA "A" |
| 4304737306 | RWS 2ML-5-9-24 (W)   | NWNE    | 5       | 9S       | 24E   | UINTAH | Unit # UTU 81308C | Big Valley Consolidated PA "A" |
| 4304737412 | RWS 4ML-6-9-24 (W)   | NWNW    | 6       | 9S       | 24E   | UINTAH | Unit # UTU 81308C | Big Valley Consolidated PA "A" |
| 4304737413 | RWS 6D-6-9-24 (W)    | SENE    | 6       | 9S       | 24E   | UINTAH | Unit # UTU 81308C | Big Valley Consolidated PA "A" |
| 4304737352 | RWS 8D-6-9-24 (D)    | SENE    | 6       | 9S       | 24E   | UINTAH | Unit # UTU 81308C | Big Valley Consolidated PA "A" |
| 4304737237 | NBZ 13ML-29-8-24 (W) | SWSW    | 29      | 8S       | 24E   | UINTAH | Unit # UTU 81308C | Big Valley Consolidated PA "A" |
| 4304737231 | NBZ 8ML-30-8-24 (W)  | SENE    | 30      | 8S       | 24E   | UINTAH | Unit # UTU 81308C | Big Valley Consolidated PA "A" |
| 4304737309 | RWS 12ML-5-9-24 (ML) | NWSW    | 5       | 9S       | 24E   | UINTAH | Unit # UTU 81308C | Big Valley Consolidated PA "A" |
| 4304737310 | RWS 14D-5-9-24 (W)   | SESW    | 5       | 9S       | 24E   | UINTAH | Unit # UTU 81308C | Big Valley Consolidated PA "A" |
| 4304737414 | RWS 14D-6-9-24 (DK)  | SESW    | 6       | 9S       | 24E   | UINTAH | Unit # UTU 81308C | Big Valley Consolidated PA "A" |
| 4304737351 | RWS 4ML-5-9-24 (W)   | NWNW    | 5       | 9S       | 24E   | UINTAH | Unit # UTU 81308C | Big Valley Consolidated PA "A" |
| 4304737350 | RWS 6D-5-9-24 (DK)   | SENE    | 5       | 9S       | 24E   | UINTAH | Unit # UTU 81308C | Big Valley Consolidated PA "A" |
| 4304735684 | CWD 4ML-32-8-24 (MU) | NWNW    | 32      | 8S       | 24E   | UINTAH | Unit # UTU 81308C | Big Valley Consolidated PA "A" |
| 4304715182 | RW 41-28B            | NENE    | 28      | 7S       | 23E   | UINTAH | U-02030           | Federal Lease                  |
| 4304731077 | RW 31-26B            | NWNE    | 26      | 7S       | 23E   | UINTAH | U-0566            | Federal Lease                  |
| 4304716477 | RW 12-24B            | SWNW    | 24      | 7S       | 23E   | UINTAH | U-082             | Federal Lease                  |
| 4304715151 | RW 21-23B            | SENE    | 23      | 7S       | 23E   | UINTAH | U-082             | Federal Lease                  |
| 4304715936 | RWE UTAH FED D-1     | SWSW    | 14      | 7S       | 24E   | UINTAH | UTSL065819        | Federal Lease                  |
| 4304715937 | RWE UTAH FED D-2     | NESW    | 25      | 7S       | 24E   | UINTAH | UTSL065819        | Federal Lease                  |
| 4304730570 | RWE UTAH FED D-3     | NWNW    | 25      | 7S       | 24E   | UINTAH | UTSL065819        | Federal Lease                  |
| 4304731215 | RWE UTAH FED D-4     | SWSE    | 14      | 7S       | 24E   | UINTAH | UTSL065819        | Federal Lease                  |
| 4304733765 | RW 22-13A            | SENE    | 13      | 7S       | 22E   | UINTAH | UTSL066446        | Federal Lease                  |
| 4304715308 | RW 32-22C            | SWNE    | 22      | 7S       | 24E   | UINTAH | UTSL066791        | Federal Lease                  |
| 4304732677 | PRINCE 4             | SWSW    | 3       | 7S       | 24E   | UINTAH | UTSL-070932A      | Federal Lease                  |
| 4304716199 | PRINCE 1             | SWSW    | 10      | 7S       | 24E   | UINTAH | UTSL-070932A      | Federal Lease                  |
| 4304735241 | WH 7G-10-7-24        | SWNE    | 10      | 7S       | 24E   | UINTAH | UTSL-070932A      | Federal Lease                  |
| 4304735242 | WH 15G-10-7-24       | SWSE    | 10      | 7S       | 24E   | UINTAH | UTSL-070932A      | Federal Lease                  |

| API Number | Well Name                  | Qtr/Qtr | Section | Township | Range | County | Lease or Unit # | Name of Unit or Lease |
|------------|----------------------------|---------|---------|----------|-------|--------|-----------------|-----------------------|
| 4304732595 | RWU 312                    | SWNE    | 34      | 7S       | 24E   | UINTAH | UTSL071963      | Federal Lease         |
| 4304720136 | RW 14-27C                  | SWSW    | 27      | 7S       | 24E   | UINTAH | UTSL071965      | Federal Lease         |
| 4304734343 | WV 12W-23-8-21             | NWSW    | 23      | 8S       | 21E   | UINTAH | UTU -025963     | Federal Lease         |
| 4304739663 | WV 13D-23-8-21 (DK)        | SWSW    | 23      | 8S       | 21E   | UINTAH | UTU -025963     | Federal Lease         |
| 4304739664 | WV 15D-23-8-21 (DK)        | SWSE    | 23      | 8S       | 21E   | UINTAH | UTU -025963     | Federal Lease         |
| 4304733909 | WV 9W-23-8-21              | NESE    | 23      | 8S       | 21E   | UINTAH | UTU -025963     | Federal Lease         |
| 4304720163 | STAGECOACH UN-ST-FED 10-23 | NESW    | 23      | 8S       | 21E   | UINTAH | UTU -025963     | Federal Lease         |
| 4304720203 | STAGECOACH 12-23           | NESE    | 23      | 8S       | 21E   | UINTAH | UTU -025963     | Federal Lease         |
| 4304734341 | WVX 10W-23-8-21            | NWSE    | 23      | 8S       | 21E   | UINTAH | UTU -025963     | Federal Lease         |
| 4304734754 | OU GB 13W-10-8-22          | SWSW    | 10      | 8S       | 22E   | UINTAH | UTU- 43915      | Federal Lease         |
| 4304734769 | OU GB 12M-10-8-22 (M)      | NWSW    | 10      | 8S       | 22E   | UINTAH | UTU- 43915      | Federal Lease         |
| 4304734625 | OU GB 10W-17-8-22          | NWSE    | 17      | 8S       | 22E   | UINTAH | UTU- 65276      | Federal Lease         |
| 4304734553 | OU GB 11W-17-8-22          | NESW    | 17      | 8S       | 22E   | UINTAH | UTU- 65276      | Federal Lease         |
| 4304734542 | OU GB 12W-17-8-22          | NWSW    | 17      | 8S       | 22E   | UINTAH | UTU- 65276      | Federal Lease         |
| 4304734544 | OU GB 13W-17-8-22          | SWSW    | 17      | 8S       | 22E   | UINTAH | UTU- 65276      | Federal Lease         |
| 4304734550 | OU GB 14W-17-8-22          | SESW    | 17      | 8S       | 22E   | UINTAH | UTU- 65276      | Federal Lease         |
| 4304734601 | OU GB 15W-17-8-22          | SWSE    | 17      | 8S       | 22E   | UINTAH | UTU- 65276      | Federal Lease         |
| 4304734602 | OU GB 16W-17-8-22          | SESE    | 17      | 8S       | 22E   | UINTAH | UTU- 65276      | Federal Lease         |
| 4304734623 | OU GB 1W-17-8-22           | NENE    | 17      | 8S       | 22E   | UINTAH | UTU- 65276      | Federal Lease         |
| 4304734560 | OU GB 7W-17-8-22           | SWNE    | 17      | 8S       | 22E   | UINTAH | UTU- 65276      | Federal Lease         |
| 4304734624 | OU GB 9W-17-8-22           | NESE    | 17      | 8S       | 22E   | UINTAH | UTU- 65276      | Federal Lease         |
| 4304734559 | OU GB 2W-17-8-22           | NWNE    | 17      | 8S       | 22E   | UINTAH | UTU- 65276      | Federal Lease         |
| 4304733513 | OU GB 3W-17-8-22           | NENW    | 17      | 8S       | 22E   | UINTAH | UTU- 65276      | Federal Lease         |
| 4304733514 | OU GB 5W-17-8-22           | SWNW    | 17      | 8S       | 22E   | UINTAH | UTU- 65276      | Federal Lease         |
| 4304734902 | WVX 11D-22-8-21 (M)        | NESW    | 22      | 8S       | 21E   | UINTAH | UTU 68218       | Federal Lease         |
| 4304735391 | GH 10ML-18-8-21 (W)        | NWSE    | 18      | 8S       | 21E   | UINTAH | UTU 68219       | Federal Lease         |
| 4304735323 | GH 15ML-18-8-21 (W)        | SWSE    | 18      | 8S       | 21E   | UINTAH | UTU 68219       | Federal Lease         |
| 4304734562 | GHX 15W-17-8-21            | SWSE    | 17      | 8S       | 21E   | UINTAH | UTU 68219       | Federal Lease         |
| 4304733912 | WV 11W-17-8-21             | NESW    | 17      | 8S       | 21E   | UINTAH | UTU 68219       | Federal Lease         |
| 4304733956 | WV 7W-17-8-21              | SWNE    | 17      | 8S       | 21E   | UINTAH | UTU 68219       | Federal Lease         |
| 4304735370 | WVX 12MU-17-8-21 (W)       | NWSW    | 17      | 8S       | 21E   | UINTAH | UTU 68219       | Federal Lease         |
| 4304735369 | WVX 14MU-17-8-21 (MU)      | SESW    | 17      | 8S       | 21E   | UINTAH | UTU 68219       | Federal Lease         |
| 4304734928 | WVX 2W-17-8-21             | NWNE    | 17      | 8S       | 21E   | UINTAH | UTU 68219       | Federal Lease         |
| 4304735318 | WVX 3MU-17-8-21 (W)        | NENW    | 17      | 8S       | 21E   | UINTAH | UTU 68219       | Federal Lease         |
| 4304734929 | WVX 8W-17-8-21             | SENE    | 17      | 8S       | 21E   | UINTAH | UTU 68219       | Federal Lease         |
| 4304734691 | GB 11ML-10-8-22 (W)        | NESW    | 10      | 8S       | 22E   | UINTAH | UTU- 74494      | Federal Lease         |
| 4304734768 | OU GB 14W-10-8-22 (W)      | SESW    | 10      | 8S       | 22E   | UINTAH | UTU- 74494      | Federal Lease         |



| API Number | Well Name                | Qtr/Qtr | Section | Township | Range | County | Lease or Unit # | Name of Unit or Lease |
|------------|--------------------------|---------|---------|----------|-------|--------|-----------------|-----------------------|
| 4304734716 | OU GB 6W-15-8-22         | SENW    | 15      | 8S       | 22E   | UINTAH | UTU- 74494      | Federal Lease         |
| 4304734402 | WV 15W-6-8-22            | SWSE    | 6       | 8S       | 22E   | UINTAH | UTU0103144      | Federal Lease         |
| 4304738642 | WRU EIH 14BD-35-8-22     | SESW    | 35      | 8S       | 22E   | UINTAH | UTU01089        | Federal Lease         |
| 4304738641 | WRU EIH 7AD-35-8-22 (DK) | SWNE    | 35      | 8S       | 22E   | UINTAH | UTU-01089       | Federal Lease         |
| 4301530154 | FERRON MRC 12 ORRI       | SWNE    | 3       | 21S      | 7E    | UINTAH | UTU011246       | Federal Lease         |
| 4304715258 | RW 21-18B                | NENW    | 18      | 7S       | 23E   | UINTAH | UTU0116         | Federal Lease         |
| 4304735325 | GH 16W-19-8-21           | SESE    | 19      | 8S       | 21E   | UINTAH | UTU0140740      | Federal Lease         |
| 4304730099 | GH 6 (WIW)               | NENW    | 20      | 8S       | 21E   | UINTAH | UTU0140740      | Federal Lease         |
| 4304734151 | GH 10W-20-8-21           | NWSE    | 20      | 8S       | 21E   | UINTAH | UTU-0140740     | Federal Lease         |
| 4304734334 | GH 11W-20-8-21           | NESW    | 20      | 8S       | 21E   | UINTAH | UTU-0140740     | Federal Lease         |
| 4304735069 | GH 12MU-20-8-21 (W)      | NWSW    | 20      | 8S       | 21E   | UINTAH | UTU-0140740     | Federal Lease         |
| 4304733915 | GH 14W-20-8-21           | SESW    | 20      | 8S       | 21E   | UINTAH | UTU-0140740     | Federal Lease         |
| 4304734335 | GH 15W-20-8-21           | SWSE    | 20      | 8S       | 21E   | UINTAH | UTU-0140740     | Federal Lease         |
| 4304734336 | GH 16W-20-8-21           | SESE    | 20      | 8S       | 21E   | UINTAH | UTU-0140740     | Federal Lease         |
| 4304734327 | GH 1W-20-8-21            | NENE    | 20      | 8S       | 21E   | UINTAH | UTU-0140740     | Federal Lease         |
| 4304734328 | GH 2W-20-8-21            | NWNE    | 20      | 8S       | 21E   | UINTAH | UTU-0140740     | Federal Lease         |
| 4304734329 | GH 3W-20-8-21            | NENW    | 20      | 8S       | 21E   | UINTAH | UTU-0140740     | Federal Lease         |
| 4304734332 | GH 7W-20-8-21            | SWNE    | 20      | 8S       | 21E   | UINTAH | UTU-0140740     | Federal Lease         |
| 4304734333 | GH 9W-20-8-21            | NESE    | 20      | 8S       | 21E   | UINTAH | UTU-0140740     | Federal Lease         |
| 4304733528 | GH 10W-19-8-21           | NWSE    | 19      | 8S       | 21E   | UINTAH | UTU-0140740     | Federal Lease         |
| 4304735070 | GH 13MU-20-8-21 (W)      | SWSW    | 20      | 8S       | 21E   | UINTAH | UTU-0140740     | Federal Lease         |
| 4304735068 | GH 4MU-20-8-21 (W)       | NWNW    | 20      | 8S       | 21E   | UINTAH | UTU-0140740     | Federal Lease         |
| 4304735097 | GH 5W-20-8-21            | SWNW    | 20      | 8S       | 21E   | UINTAH | UTU-0140740     | Federal Lease         |
| 4304738662 | GH 6-20-8-21 (W)         | SENW    | 20      | 8S       | 21E   | UINTAH | UTU-0140740     | Federal Lease         |
| 4304715175 | RW 12-29B (GR)           | SWNW    | 29      | 7S       | 23E   | UINTAH | UTU02025        | Federal Lease         |
| 4304716490 | RW 43-29B                | NESE    | 29      | 7S       | 23E   | UINTAH | UTU02025        | Federal Lease         |
| 4304733766 | RW 22-29B                | SENW    | 29      | 7S       | 23E   | UINTAH | UTU02025        | Federal Lease         |
| 4304733771 | RW 42-30B (GR)           | SENE    | 30      | 7S       | 23E   | UINTAH | UTU02025        | Federal Lease         |
| 4304733788 | RW 31-30B                | NWNE    | 30      | 7S       | 23E   | UINTAH | UTU02025        | Federal Lease         |
| 4304715172 | RW 23-30B                | NESW    | 30      | 7S       | 23E   | UINTAH | UTU02030        | Federal Lease         |
| 4304715242 | RW 34-19B                | SWSE    | 19      | 7S       | 23E   | UINTAH | UTU02030        | Federal Lease         |
| 4304715252 | RW 43-19B (MV)           | NESE    | 19      | 7S       | 23E   | UINTAH | UTU02030        | Federal Lease         |
| 4304715280 | RW 21-30B                | NENW    | 30      | 7S       | 23E   | UINTAH | UTU02030        | Federal Lease         |
| 4304715174 | RW 32-19B                | SWNE    | 19      | 7S       | 23E   | UINTAH | UTU02030        | Federal Lease         |
| 4304715244 | RW 12-19B                | SWNW    | 19      | 7S       | 23E   | UINTAH | UTU02030        | Federal Lease         |
| 4304715271 | RW 14-20B                | SWSW    | 20      | 7S       | 23E   | UINTAH | UTU02030        | Federal Lease         |
| 4304715291 | RW 23-20B (MV)           | NESW    | 20      | 7S       | 23E   | UINTAH | UTU02030        | Federal Lease         |

| API Number | Well Name             | Qtr/Qtr | Section | Township | Range | County | Lease or Unit # | Name of Unit or Lease |
|------------|-----------------------|---------|---------|----------|-------|--------|-----------------|-----------------------|
| 4304733500 | RW 33-20B             | NWSE    | 20      | 7S       | 23E   | UINTAH | UTU02030        | Federal Lease         |
| 4304733552 | RW 11-19B             | NWNW    | 19      | 7S       | 23E   | UINTAH | UTU02030        | Federal Lease         |
| 4304733556 | RW 42-19B (GR)        | SENE    | 19      | 7S       | 23E   | UINTAH | UTU02030        | Federal Lease         |
| 4304715216 | RW 23-18C             | NESW    | 18      | 7S       | 24E   | UINTAH | UTU02148        | Federal Lease         |
| 4304715298 | RW 23-17C             | NESW    | 17      | 7S       | 24E   | UINTAH | UTU02148        | Federal Lease         |
| 4304730309 | RW 14-18C (GR)        | SWSW    | 18      | 7S       | 24E   | UINTAH | UTU02148        | Federal Lease         |
| 4304715147 | RW 41-19C             | NENE    | 19      | 7S       | 24E   | UINTAH | UTU02149        | Federal Lease         |
| 4304735239 | RWU 12G-20C           | SWNW    | 20      | 7S       | 24E   | UINTAH | UTU02149        | Federal Lease         |
| 4304733493 | WV 3W-8-8-22          | NENW    | 8       | 8S       | 22E   | UINTAH | UTU022158       | Federal Lease         |
| 4304734469 | WV 8W-7-8-22          | SENE    | 7       | 8S       | 22E   | UINTAH | UTU022158       | Federal Lease         |
| 4304737945 | WV 13AD 8-8-22        | SWSW    | 8       | 8S       | 22E   | UINTAH | UTU022158       | Federal Lease         |
| 4304730017 | WONSITS VALLEY-FED 99 | SESW    | 7       | 8S       | 22E   | UINTAH | UTU022158       | Federal Lease         |
| 4304733814 | WV 10W-8-8-22         | NWSE    | 8       | 8S       | 22E   | UINTAH | UTU-022158      | Federal Lease         |
| 4304734007 | WV 14W-8-8-22         | SESW    | 8       | 8S       | 22E   | UINTAH | UTU-022158      | Federal Lease         |
| 4304734470 | WV 16W-8-8-22         | SESE    | 8       | 8S       | 22E   | UINTAH | UTU-022158      | Federal Lease         |
| 4304734005 | WV 8W-8-8-22          | SENE    | 8       | 8S       | 22E   | UINTAH | UTU-022158      | Federal Lease         |
| 4304733515 | WV 9W-8-8-22          | NESE    | 8       | 8S       | 22E   | UINTAH | UTU-022158      | Federal Lease         |
| 4304733517 | WV 15W-8-8-22         | SWSE    | 8       | 8S       | 22E   | UINTAH | UTU-022158      | Federal Lease         |
| 4304738990 | GB 1M-4-8-22R (M)     | NENE    | 4       | 8S       | 22E   | UINTAH | UTU-025010A     | Federal Lease         |
| 4304740345 | GB 3D-4-8-22R (DK)    | Lot 6   | 4       | 8S       | 22E   | UINTAH | UTU-025010A     | Federal Lease         |
| 4304734762 | OU GB 12W-4-8-22      | NWSW    | 4       | 8S       | 22E   | UINTAH | UTU-025010A     | Federal Lease         |
| 4304734808 | OU GB 5M-4-8-22       | SWNW    | 4       | 8S       | 22E   | UINTAH | UTU-025010A     | Federal Lease         |
| 4304715090 | WR 31-4-8-22(WSW)     | SWSE    | 4       | 8S       | 22E   | UINTAH | UTU02510A       | Federal Lease         |
| 4304734006 | WR 14W-4-8-22         | SESW    | 4       | 8S       | 22E   | UINTAH | UTU02510A       | Federal Lease         |
| 4304735462 | GB 1M-4-8-22 (M)      | NENE    | 4       | 8S       | 22E   | UINTAH | UTU02510A       | Federal Lease         |
| 4304734152 | GH 10W-21-8-21        | NWSE    | 21      | 8S       | 21E   | UINTAH | UTU-025960      | Federal Lease         |
| 4304733847 | GH 11W-21-8-21        | NESW    | 21      | 8S       | 21E   | UINTAH | UTU-025960      | Federal Lease         |
| 4304734153 | GH 12W-21-8-21        | NWSW    | 21      | 8S       | 21E   | UINTAH | UTU-025960      | Federal Lease         |
| 4304734154 | GH 14W-21-8-21        | SESW    | 21      | 8S       | 21E   | UINTAH | UTU-025960      | Federal Lease         |
| 4304733848 | GH 15W-21-8-21        | SWSE    | 21      | 8S       | 21E   | UINTAH | UTU-025960      | Federal Lease         |
| 4304734157 | GH 16W-21-8-21        | SESE    | 21      | 8S       | 21E   | UINTAH | UTU-025960      | Federal Lease         |
| 4304732692 | GH 21 WG              | SWSW    | 21      | 8S       | 21E   | UINTAH | UTU-025960      | Federal Lease         |
| 4304733846 | GH 9W-21-8-21         | NESE    | 21      | 8S       | 21E   | UINTAH | UTU-025960      | Federal Lease         |
| 4304734156 | GH 16W-17-8-21        | SESE    | 17      | 8S       | 21E   | UINTAH | UTU-025962      | Federal Lease         |
| 4304715421 | GYPSUM HILLS 1        | NESE    | 17      | 8S       | 21E   | UINTAH | UTU-025962      | Federal Lease         |
| 4304735422 | GB 8MU-10-8-22 (MU)   | SENE    | 10      | 8S       | 22E   | UINTAH | UTU-029649      | Federal Lease         |
| 4304716478 | RW 12-27A             | SWNW    | 27      | 7S       | 22E   | UINTAH | UTU0558         | Federal Lease         |



| API Number | Well Name        | Qtr/Qtr | Section | Township | Range | County | Lease or Unit # | Name of Unit or Lease |
|------------|------------------|---------|---------|----------|-------|--------|-----------------|-----------------------|
| 4304715282 | RW 34-28A (175)  | SWSE    | 28      | 7S       | 22E   | UINTAH | UTU0558         | Federal Lease         |
| 4304715303 | RW 21-34A (GR)   | NENW    | 34      | 7S       | 22E   | UINTAH | UTU0558         | Federal Lease         |
| 4304730058 | RW 43-28A        | NESE    | 28      | 7S       | 22E   | UINTAH | UTU0558         | Federal Lease         |
| 4304735669 | RWU 34-27AD (DK) | SWSE    | 27      | 7S       | 22E   | UINTAH | UTU0558         | Federal Lease         |
| 4304751759 | RW 41-35AGR      | NENE    | 35      | 7S       | 22E   | UINTAH | UTU-0558        | Federal Lease         |
| 4304715207 | RW 34-21A (85)   | SWSE    | 21      | 7S       | 22E   | UINTAH | UTU0559         | Federal Lease         |
| 4304715223 | RW 14-22A        | SWSW    | 22      | 7S       | 22E   | UINTAH | UTU0559         | Federal Lease         |
| 4304715301 | RW 43-22A        | NESE    | 22      | 7S       | 22E   | UINTAH | UTU0559         | Federal Lease         |
| 4304731581 | RW 22-22A        | SENW    | 22      | 7S       | 22E   | UINTAH | UTU0559         | Federal Lease         |
| 4304736770 | RW 43-23AG       | NESE    | 23      | 7S       | 22E   | UINTAH | UTU0559         | Federal Lease         |
| 4304733568 | RW 34-24A        | SWSE    | 24      | 7S       | 22E   | UINTAH | UTU0561         | Federal Lease         |
| 4304733569 | RW 42-24A        | SENE    | 24      | 7S       | 22E   | UINTAH | UTU0561         | Federal Lease         |
| 4304733574 | RW 11-25A        | NWNW    | 25      | 7S       | 22E   | UINTAH | UTU0561         | Federal Lease         |
| 4304733575 | RW 13-25A        | NWSW    | 25      | 7S       | 22E   | UINTAH | UTU0561         | Federal Lease         |
| 4304733577 | RW 31-25A        | NWNE    | 25      | 7S       | 22E   | UINTAH | UTU0561         | Federal Lease         |
| 4304733578 | RW 33-25A        | NWSE    | 25      | 7S       | 22E   | UINTAH | UTU0561         | Federal Lease         |
| 4304733580 | RW 42-25A        | SENE    | 25      | 7S       | 22E   | UINTAH | UTU0561         | Federal Lease         |
| 4304736769 | RW 43-26AG       | NESE    | 26      | 7S       | 22E   | UINTAH | UTU0561         | Federal Lease         |
| 4304715142 | RW 34-27B        | SWSE    | 27      | 7S       | 23E   | UINTAH | UTU0566         | Federal Lease         |
| 4304715194 | RW 23-27B        | NESW    | 27      | 7S       | 23E   | UINTAH | UTU0566         | Federal Lease         |
| 4304715197 | RW 21-26B        | NENW    | 26      | 7S       | 23E   | UINTAH | UTU0566         | Federal Lease         |
| 4304715256 | RW 11-27B        | NWNW    | 27      | 7S       | 23E   | UINTAH | UTU0566         | Federal Lease         |
| 4304730200 | RW 31-27B        | NWNE    | 27      | 7S       | 23E   | UINTAH | UTU0566         | Federal Lease         |
| 4304730257 | RW 14-26B        | SWSW    | 26      | 7S       | 23E   | UINTAH | UTU0566         | Federal Lease         |
| 4304730259 | RW 43-26B        | NESE    | 26      | 7S       | 23E   | UINTAH | UTU0566         | Federal Lease         |
| 4304730310 | RW 21-35B        | NENW    | 35      | 7S       | 23E   | UINTAH | UTU0566         | Federal Lease         |
| 4304730311 | RW 12-26B (MV)   | SWNW    | 26      | 7S       | 23E   | UINTAH | UTU0566         | Federal Lease         |
| 4304730343 | RW 41-35B        | NENE    | 35      | 7S       | 23E   | UINTAH | UTU0566         | Federal Lease         |
| 4304730344 | RW 12-36B (GR)   | SWNW    | 36      | 7S       | 23E   | UINTAH | UTU0566         | Federal Lease         |
| 4304730517 | RW 22-26B        | SENW    | 26      | 7S       | 23E   | UINTAH | UTU0566         | Federal Lease         |
| 4304730522 | RW 13-26B        | NWSW    | 26      | 7S       | 23E   | UINTAH | UTU0566         | Federal Lease         |
| 4304731076 | RW 11-26B        | NWNW    | 26      | 7S       | 23E   | UINTAH | UTU0566         | Federal Lease         |
| 4304731081 | RW 42-35B (GR)   | SENE    | 35      | 7S       | 23E   | UINTAH | UTU0566         | Federal Lease         |
| 4304731578 | RW 12-35B (GR)   | SWNW    | 35      | 7S       | 23E   | UINTAH | UTU0566         | Federal Lease         |
| 4304715277 | RW 23-21B        | NESW    | 21      | 7S       | 23E   | UINTAH | UTU0567         | Federal Lease         |
| 4304716482 | RW 41-21B        | NENE    | 21      | 7S       | 23E   | UINTAH | UTU0567         | Federal Lease         |
| 4304733522 | RW 22-21B (GR)   | SENW    | 21      | 7S       | 23E   | UINTAH | UTU0567         | Federal Lease         |

| API Number | Well Name                | Qtr/Qtr | Section | Township | Range | County | Lease or Unit # | Name of Unit or Lease |
|------------|--------------------------|---------|---------|----------|-------|--------|-----------------|-----------------------|
| 4304716496 | RW 21-21B                | NENW    | 21      | 7S       | 23E   | UINTAH | UTU0569         | Federal Lease         |
| 4304733993 | WV 12W-18-8-22           | NWSW    | 18      | 8S       | 22E   | UINTAH | UTU057          | Federal Lease         |
| 4304734648 | OU GB 11W-15-8-22        | NESW    | 15      | 8S       | 22E   | UINTAH | UTU-058         | Federal Lease         |
| 4304734714 | OU GB 12W-15-8-22        | NWSW    | 15      | 8S       | 22E   | UINTAH | UTU-058         | Federal Lease         |
| 4304735193 | WRU EIH 8MU-26-8-22 (W)  | SENE    | 26      | 8S       | 22E   | UINTAH | UTU-0629        | Federal Lease         |
| 4304715173 | RW 41-21C                | NENE    | 21      | 7S       | 24E   | UINTAH | UTU080          | Federal Lease         |
| 4304715299 | RW 43-21C                | NESE    | 21      | 7S       | 24E   | UINTAH | UTU080          | Federal Lease         |
| 4304715306 | RW 23-21C                | NESW    | 21      | 7S       | 24E   | UINTAH | UTU080          | Federal Lease         |
| 4304734047 | WV 16W-1-8-21            | SESE    | 1       | 8S       | 21E   | UINTAH | UTU0802         | Federal Lease         |
| 4304733794 | WV 10W-1-8-21            | NWSE    | 1       | 8S       | 21E   | UINTAH | UTU0802         | Federal Lease         |
| 4304734009 | WV 8W-1-8-21             | SENE    | 1       | 8S       | 21E   | UINTAH | UTU0802         | Federal Lease         |
| 4304734108 | WV 12G-1-8-21            | NWSW    | 1       | 8S       | 21E   | UINTAH | UTU0802         | Federal Lease         |
| 4304735248 | GB 14M-28-8-21 (MU)      | SESW    | 28      | 8S       | 21E   | UINTAH | UTU-0803        | Federal Lease         |
| 4304736260 | GB 16D-28-8-21 (M)       | SESE    | 28      | 8S       | 21E   | UINTAH | UTU-0803        | Federal Lease         |
| 4304735246 | GB 4D-28-8-21 (M)        | NWNW    | 28      | 8S       | 21E   | UINTAH | UTU-0803        | Federal Lease         |
| 4304735247 | GB 7M-28-8-21 (M)        | SWNE    | 28      | 8S       | 21E   | UINTAH | UTU-0803        | Federal Lease         |
| 4304730824 | WONSITS VALLEY UNIT 1-35 | NENE    | 21      | 8S       | 21E   | UINTAH | UTU0804         | Federal Lease         |
| 4304731047 | WV 136                   | NENW    | 21      | 8S       | 21E   | UINTAH | UTU0804         | Federal Lease         |
| 4304732818 | GH 22 WG                 | SWNW    | 22      | 8S       | 21E   | UINTAH | UTU-0804        | Federal Lease         |
| 4304733907 | WV 7W-22-8-21            | SWNE    | 22      | 8S       | 21E   | UINTAH | UTU-0804        | Federal Lease         |
| 4304734272 | WV 6W-22-8-21 (GR)       | SENW    | 22      | 8S       | 21E   | UINTAH | UTU-0804        | Federal Lease         |
| 4304733565 | WV 16G-9-8-21            | SESE    | 9       | 8S       | 21E   | UINTAH | UTU0805         | Federal Lease         |
| 4304733085 | WV 11 WG                 | SWNE    | 12      | 8S       | 21E   | UINTAH | UTU0806         | Federal Lease         |
| 4304733270 | WV 7W-13-8-21 (GR)       | SWNE    | 13      | 8S       | 21E   | UINTAH | UTU0806         | Federal Lease         |
| 4304733532 | WV 1W-13-8-21            | NENE    | 13      | 8S       | 21E   | UINTAH | UTU0806         | Federal Lease         |
| 4304733606 | WV 13W-13-8-21           | SWSW    | 13      | 8S       | 21E   | UINTAH | UTU0806         | Federal Lease         |
| 4304733608 | WV 15W-13-8-21           | SWSE    | 13      | 8S       | 21E   | UINTAH | UTU0806         | Federal Lease         |
| 4304733659 | WV 12W-10-8-21           | NWSW    | 10      | 8S       | 21E   | UINTAH | UTU0806         | Federal Lease         |
| 4304734245 | WV 6W-12-8-21            | SENW    | 12      | 8S       | 21E   | UINTAH | UTU0806         | Federal Lease         |
| 4304734248 | WV 12W-12-8-21           | NWSW    | 12      | 8S       | 21E   | UINTAH | UTU0806         | Federal Lease         |
| 4304734265 | WV 2W-12-8-21            | NWNE    | 12      | 8S       | 21E   | UINTAH | UTU0806         | Federal Lease         |
| 4304734267 | WV 3W-12-8-21            | NENW    | 12      | 8S       | 21E   | UINTAH | UTU0806         | Federal Lease         |
| 4304734268 | WV 4D-12-8-21 (DK)       | NWNW    | 12      | 8S       | 21E   | UINTAH | UTU0806         | Federal Lease         |
| 4304734270 | WV 5W-12-8-21            | SWNW    | 12      | 8S       | 21E   | UINTAH | UTU0806         | Federal Lease         |
| 4304734274 | WV 9W-11-8-21            | NESE    | 11      | 8S       | 21E   | UINTAH | UTU0806         | Federal Lease         |
| 4304737923 | WV 3DML-13-8-21          | SENW    | 13      | 8S       | 21E   | UINTAH | UTU0806         | Federal Lease         |
| 4304737925 | WV 15AML-12-8-21         | NWSE    | 12      | 8S       | 21E   | UINTAH | UTU0806         | Federal Lease         |



| API Number | Well Name                    | Qtr/Qtr | Section | Township | Range | County | Lease or Unit # | Name of Unit or Lease |
|------------|------------------------------|---------|---------|----------|-------|--------|-----------------|-----------------------|
| 4304715439 | WONSITS VALLEY UNIT 8        | NENE    | 12      | 8S       | 21E   | UINTAH | UTU0806         | Federal Lease         |
| 4304715440 | WONSITS VALLEY 9             | NESE    | 12      | 8S       | 21E   | UINTAH | UTU0806         | Federal Lease         |
| 4304715441 | WONSITS VALLEY UNIT 10       | NESW    | 12      | 8S       | 21E   | UINTAH | UTU0806         | Federal Lease         |
| 4304715442 | WONSITS VALLEY UNIT 11       | SWNE    | 12      | 8S       | 21E   | UINTAH | UTU0806         | Federal Lease         |
| 4304715444 | WONSITS VALLEY UNIT 13       | NESE    | 11      | 8S       | 21E   | UINTAH | UTU0806         | Federal Lease         |
| 4304715446 | WONSITS VALLEY UNIT 15       | SWNW    | 12      | 8S       | 21E   | UINTAH | UTU0806         | Federal Lease         |
| 4304715448 | WONSITS VALLEY UNIT 17       | SWSW    | 12      | 8S       | 21E   | UINTAH | UTU0806         | Federal Lease         |
| 4304715456 | WONSITS VALLEY-FED 27        | NENW    | 12      | 8S       | 21E   | UINTAH | UTU0806         | Federal Lease         |
| 4304715457 | WONSITS VALLEY UNIT 28       | NESW    | 11      | 8S       | 21E   | UINTAH | UTU0806         | Federal Lease         |
| 4304715458 | WONSITS VALLEY UNIT 29       | NENW    | 13      | 8S       | 21E   | UINTAH | UTU0806         | Federal Lease         |
| 4304715459 | WONSITS VALLEY UNIT 30       | NENE    | 11      | 8S       | 21E   | UINTAH | UTU0806         | Federal Lease         |
| 4304715462 | WONSITS VALLEY UNIT 34       | SWNW    | 11      | 8S       | 21E   | UINTAH | UTU0806         | Federal Lease         |
| 4304715467 | WONSITS VALLEY FED 39        | SWNE    | 11      | 8S       | 21E   | UINTAH | UTU0806         | Federal Lease         |
| 4304715470 | WONSITS VALLEY-FED 42        | SWSE    | 11      | 8S       | 21E   | UINTAH | UTU0806         | Federal Lease         |
| 4304715478 | WONSITS VALLEY UNIT 51       | NESW    | 13      | 8S       | 21E   | UINTAH | UTU0806         | Federal Lease         |
| 4304720001 | WVFU 52                      | NENE    | 13      | 8S       | 21E   | UINTAH | UTU0806         | Federal Lease         |
| 4304720017 | WONSITS VALLEY UNIT 58       | SWSW    | 13      | 8S       | 21E   | UINTAH | UTU0806         | Federal Lease         |
| 4304720263 | WONSITS VALLEY-FED 87        | NWSE    | 12      | 8S       | 21E   | UINTAH | UTU0806         | Federal Lease         |
| 4304730007 | WONSITS VALLEY UNIT 92       | SESW    | 12      | 8S       | 21E   | UINTAH | UTU0806         | Federal Lease         |
| 4304730008 | WONSITS VALLEY UNIT 93       | SESE    | 11      | 8S       | 21E   | UINTAH | UTU0806         | Federal Lease         |
| 4304730009 | WVFU 94                      | NWSE    | 11      | 8S       | 21E   | UINTAH | UTU0806         | Federal Lease         |
| 4304730010 | WONSITS VALLEY UNIT 95       | SENE    | 11      | 8S       | 21E   | UINTAH | UTU0806         | Federal Lease         |
| 4304730015 | WONSITS VALLEY 98            | SESW    | 11      | 8S       | 21E   | UINTAH | UTU0806         | Federal Lease         |
| 4304730026 | WONSITS VALLEY-FED 108       | SESE    | 12      | 8S       | 21E   | UINTAH | UTU0806         | Federal Lease         |
| 4304730050 | WONSITS VALLEY 114           | SESW    | 13      | 8S       | 21E   | UINTAH | UTU0806         | Federal Lease         |
| 4304730144 | WVFU 115                     | SESW    | 12      | 8S       | 21E   | UINTAH | UTU0806         | Federal Lease         |
| 4304730195 | STATE-FEDERAL 116            | SESE    | 11      | 8S       | 21E   | UINTAH | UTU0806         | Federal Lease         |
| 4304730238 | WONSITS VALLEY-STATE FEDERAL | NWNE    | 12      | 8S       | 21E   | UINTAH | UTU0806         | Federal Lease         |
| 4304731048 | WONSITS VALLEY 88-2          | NWSW    | 12      | 8S       | 21E   | UINTAH | UTU0806         | Federal Lease         |
| 4304731809 | WONSITS VALLEY UNIT 101-2    | NWNW    | 13      | 8S       | 21E   | UINTAH | UTU0806         | Federal Lease         |
| 4304734155 | WV 16W-11-8-21               | SESE    | 11      | 8S       | 21E   | UINTAH | UTU0806         | Federal Lease         |
| 4304715451 | WONSITS VALLEY UNIT 20       | NENW    | 11      | 8S       | 21E   | UINTAH | UTU-0806        | Federal Lease         |
| 4304734296 | WV 12W-15-8-21               | NWSW    | 15      | 8S       | 21E   | UINTAH | UTU0807         | Federal Lease         |
| 4304733902 | WV 1W-15-8-21                | NENE    | 15      | 8S       | 21E   | UINTAH | UTU0807         | Federal Lease         |
| 4304733952 | WV 3W-14-8-21                | NENW    | 14      | 8S       | 21E   | UINTAH | UTU0807         | Federal Lease         |
| 4304734279 | WV 12W-14-8-21               | NWSW    | 14      | 8S       | 21E   | UINTAH | UTU0807         | Federal Lease         |
| 4304715449 | WONSITS VALLEY UNIT 18       | NESE    | 14      | 8S       | 21E   | UINTAH | UTU0807         | Federal Lease         |

| API Number | Well Name              | Qtr/Qtr | Section | Township | Range | County | Lease or Unit # | Name of Unit or Lease |
|------------|------------------------|---------|---------|----------|-------|--------|-----------------|-----------------------|
| 4304715472 | WONSITS VALLEY UNIT 44 | NENE    | 14      | 8S       | 21E   | UINTAH | UTU0807         | Federal Lease         |
| 4304720042 | WONSITS VALLEY UNIT 66 | SWSE    | 14      | 8S       | 21E   | UINTAH | UTU0807         | Federal Lease         |
| 4304720051 | WONSITS VALLEY UNIT 71 | SWSW    | 15      | 8S       | 21E   | UINTAH | UTU0807         | Federal Lease         |
| 4304730020 | WVFU 102               | NWNE    | 14      | 8S       | 21E   | UINTAH | UTU0807         | Federal Lease         |
| 4304730047 | WVFU 111               | SENE    | 14      | 8S       | 21E   | UINTAH | UTU0807         | Federal Lease         |
| 4304732102 | WONSITS VALLEY FED 201 | SWNE    | 15      | 8S       | 21E   | UINTAH | UTU0807         | Federal Lease         |
| 4304732308 | WONSITS VALLEY 202     | NWSW    | 15      | 8S       | 21E   | UINTAH | UTU0807         | Federal Lease         |
| 4304720223 | WONSITS VALLEY UNIT 84 | SWNW    | 23      | 8S       | 21E   | UINTAH | UTU0809         | Federal Lease         |
| 4304731049 | WONSITS VALLEY 84-2    | SWNW    | 23      | 8S       | 21E   | UINTAH | UTU0809         | Federal Lease         |
| 4304715137 | RW 41-22B              | NENE    | 22      | 7S       | 23E   | UINTAH | UTU081          | Federal Lease         |
| 4304715143 | RW 14-22B              | SWSW    | 22      | 7S       | 23E   | UINTAH | UTU081          | Federal Lease         |
| 4304715160 | RW 14-14B              | SWSW    | 14      | 7S       | 23E   | UINTAH | UTU081          | Federal Lease         |
| 4304715168 | RW 34-13B (GR)         | SWSE    | 13      | 7S       | 23E   | UINTAH | UTU081          | Federal Lease         |
| 4304715190 | RW 42-22B              | SENE    | 22      | 7S       | 23E   | UINTAH | UTU081          | Federal Lease         |
| 4304715259 | RW 24-13B              | SESW    | 13      | 7S       | 23E   | UINTAH | UTU081          | Federal Lease         |
| 4304715263 | RW 31-22B              | NWNE    | 22      | 7S       | 23E   | UINTAH | UTU081          | Federal Lease         |
| 4304715285 | RW 22-13B              | SENE    | 13      | 7S       | 23E   | UINTAH | UTU081          | Federal Lease         |
| 4304716485 | RW 41-13B              | NENE    | 13      | 7S       | 23E   | UINTAH | UTU081          | Federal Lease         |
| 4304730202 | RW 44-22B              | SESE    | 22      | 7S       | 23E   | UINTAH | UTU081          | Federal Lease         |
| 4304731512 | RW 44-13B              | SESE    | 13      | 7S       | 23E   | UINTAH | UTU081          | Federal Lease         |
| 4304731577 | RW 11-22B              | NWNW    | 22      | 7S       | 23E   | UINTAH | UTU081          | Federal Lease         |
| 4304734337 | WV 2W-24-8-21          | NWNE    | 24      | 8S       | 21E   | UINTAH | UTU0810         | Federal Lease         |
| 4304720199 | WONSITS VALLEY 81      | SWNW    | 24      | 8S       | 21E   | UINTAH | UTU0810         | Federal Lease         |
| 4304715141 | RW 12-23B              | SWNW    | 23      | 7S       | 23E   | UINTAH | UTU082          | Federal Lease         |
| 4304715212 | RW 11-23B              | NWNW    | 23      | 7S       | 23E   | UINTAH | UTU082          | Federal Lease         |
| 4304715278 | RW 23-24B              | NESW    | 24      | 7S       | 23E   | UINTAH | UTU082          | Federal Lease         |
| 4304715295 | RW 43-24B (GR)         | NESE    | 24      | 7S       | 23E   | UINTAH | UTU082          | Federal Lease         |
| 4304716476 | RW 23-23B              | NESW    | 23      | 7S       | 23E   | UINTAH | UTU082          | Federal Lease         |
| 4304730192 | RW 22-23B              | SENE    | 23      | 7S       | 23E   | UINTAH | UTU082          | Federal Lease         |
| 4304730212 | RW 13-23B              | NWSW    | 23      | 7S       | 23E   | UINTAH | UTU082          | Federal Lease         |
| 4304730249 | RW 24-23B              | SESW    | 23      | 7S       | 23E   | UINTAH | UTU082          | Federal Lease         |
| 4304731515 | RW 12-23BX             | SWNW    | 23      | 7S       | 23E   | UINTAH | UTU082          | Federal Lease         |
| 4304731683 | RW 22-24B              | SENE    | 24      | 7S       | 23E   | UINTAH | UTU082          | Federal Lease         |
| 4304715164 | RW 41-25B              | NENE    | 25      | 7S       | 23E   | UINTAH | UTU0823         | Federal Lease         |
| 4304715249 | RW 32-05F              | SWNE    | 5       | 8S       | 24E   | UINTAH | UTU0823         | Federal Lease         |
| 4304730312 | RW 12-25B              | SWNW    | 25      | 7S       | 23E   | UINTAH | UTU0823         | Federal Lease         |
| 4304735656 | RW 22G-09F             | SENE    | 9       | 8S       | 24E   | UINTAH | UTU0826         | Federal Lease         |



| API Number | Well Name               | Qtr/Qtr | Section | Township | Range | County   | Lease or Unit # | Name of Unit or Lease |
|------------|-------------------------|---------|---------|----------|-------|----------|-----------------|-----------------------|
| 4304732538 | RW 41-4F                | C-NE    | 4       | 8S       | 24E   | UINTAH   | UTU-0830        | Federal Lease         |
| 4304730199 | RW 13-27B (GR)          | NWSW    | 27      | 7S       | 23E   | UINTAH   | UTU0933         | Federal Lease         |
| 4304715083 | WHITE RIVER UNIT 19-9   | SWNE    | 9       | 8S       | 22E   | UINTAH   | UTU0971         | Federal Lease         |
| 4304715087 | WHITE RIVER UNIT 25-9   | NENE    | 9       | 8S       | 22E   | UINTAH   | UTU0971         | Federal Lease         |
| 4304734687 | OU WIH 2M-21-8-22       | NWNE    | 21      | 8S       | 22E   | UINTAH   | UTU28652        | Federal Lease         |
| 4304734755 | OU GB 6MU-21-8-22 (W)   | SENW    | 21      | 8S       | 22E   | UINTAH   | UTU-28652       | Federal Lease         |
| 4304734681 | OU WIH 10W-21-8-22      | NWSE    | 21      | 8S       | 22E   | UINTAH   | UTU-28652       | Federal Lease         |
| 4304734646 | OU WIH 13W-21-8-22      | SWSW    | 21      | 8S       | 22E   | UINTAH   | UTU-28652       | Federal Lease         |
| 4304734664 | OU WIH 14W-21-8-22      | SESW    | 21      | 8S       | 22E   | UINTAH   | UTU-28652       | Federal Lease         |
| 4304734634 | OU WIH 15MU-21-8-22     | SWSE    | 21      | 8S       | 22E   | UINTAH   | UTU-28652       | Federal Lease         |
| 4304734689 | OU WIH 7W-21-8-22       | SWNE    | 21      | 8S       | 22E   | UINTAH   | UTU-28652       | Federal Lease         |
| 4304736060 | WIH 1AMU-21-8-22 (W)    | NENE    | 21      | 8S       | 22E   | UINTAH   | UTU-28652       | Federal Lease         |
| 4304734685 | OU GB 4G-21-8-22        | NWNW    | 21      | 8S       | 22E   | UINTAH   | UTU-28652       | Federal Lease         |
| 4304734690 | OU GB 5W-21-8-22        | SWNW    | 21      | 8S       | 22E   | UINTAH   | UTU-28652       | Federal Lease         |
| 4304734686 | OU GB 3W-21-8-22 (GB)   | NENW    | 21      | 8S       | 22E   | UINTAH   | UTU-28652       | Federal Lease         |
| 4304734693 | OU WIH 1MU-21-8-22 (MU) | NENE    | 21      | 8S       | 22E   | UINTAH   | UTU-28652       | Federal Lease         |
| 4304731805 | BRENNAN FZ-BB1          | NESE    | 20      | 7S       | 21E   | UINTAH   | UTU42050        | Federal Lease         |
| 4304734835 | WRU EIH 14W-26-8-22     | SESW    | 26      | 8S       | 22E   | UINTAH   | UTU43916        | Federal Lease         |
| 4304736446 | EIHX 2MU-36-8-22 (W)    | NWNE    | 36      | 8S       | 22E   | UINTAH   | UTU56960        | Federal Lease         |
| 4304736447 | EIHX 1MU-36-8-22 (W)    | NENE    | 36      | 8S       | 22E   | UINTAH   | UTU-56960       | Federal Lease         |
| 4304736445 | EIHX 3MU-36-8-22 (W)    | NENW    | 36      | 8S       | 22E   | UINTAH   | UTU-56960       | Federal Lease         |
| 4304736444 | EIHX 4MU-36-8-22 (W)    | NWNW    | 36      | 8S       | 22E   | UINTAH   | UTU-56960       | Federal Lease         |
| 4304731024 | LANSDALE FEDERAL 1-11   | SWSW    | 11      | 7S       | 24E   | UINTAH   | UTU60746        | Federal Lease         |
| 4301331888 | W RIVER BEND 3-12-10-15 | NENW    | 12      | 10S      | 15E   | DUCHESNE | UTU63150        | Federal Lease         |
| 4304731556 | GB 3-17                 | SESE    | 17      | 8S       | 22E   | UINTAH   | UTU65276        | Federal Lease         |
| 4304731487 | ANTELOPE DRAW 1-19-2C   | SENE    | 19      | 8S       | 22E   | UINTAH   | UTU65404        | Federal Lease         |
| 4304734512 | OU GB 1W-19-8-22        | NENE    | 19      | 8S       | 22E   | UINTAH   | UTU-65404       | Federal Lease         |
| 4304734515 | OU GB 7W-19-8-22        | SWNE    | 19      | 8S       | 22E   | UINTAH   | UTU-65404       | Federal Lease         |
| 4304734516 | OU GB 8W-19-8-22        | SENE    | 19      | 8S       | 22E   | UINTAH   | UTU-65404       | Federal Lease         |
| 4304734513 | OU GB 2W-19-8-22        | NWNE    | 19      | 8S       | 22E   | UINTAH   | UTU-65404       | Federal Lease         |
| 4304734534 | OU GB 6W-19-8-22        | SENW    | 19      | 8S       | 22E   | UINTAH   | UTU-65404       | Federal Lease         |
| 4304735331 | EIHX 11MU-25-8-22 (W)   | NESW    | 25      | 8S       | 22E   | UINTAH   | UTU-65471       | Federal Lease         |
| 4304735330 | EIHX 14MU-25-8-22 (W)   | SESW    | 25      | 8S       | 22E   | UINTAH   | UTU-65471       | Federal Lease         |
| 4304735428 | EIHX 1MU-25-8-22 (W)    | NENE    | 25      | 8S       | 22E   | UINTAH   | UTU-65471       | Federal Lease         |
| 4304735427 | EIHX 2MU-25-8-22 (W)    | NWNE    | 25      | 8S       | 22E   | UINTAH   | UTU-65471       | Federal Lease         |
| 4304735429 | EIHX 7MU-25-8-22 (W)    | SWNE    | 25      | 8S       | 22E   | UINTAH   | UTU-65471       | Federal Lease         |
| 4304735430 | EIHX 8MU-25-8-22 (W)    | SENE    | 25      | 8S       | 22E   | UINTAH   | UTU-65471       | Federal Lease         |

| API Number | Well Name                 | Qtr/Qtr | Section | Township | Range | County | Lease or Unit # | Name of Unit or Lease |
|------------|---------------------------|---------|---------|----------|-------|--------|-----------------|-----------------------|
| 4304735436 | EIHX 10MU-25-8-22 (W)     | NWSE    | 25      | 8S       | 22E   | UINTAH | UTU-65472       | Federal Lease         |
| 4304735435 | EIHX 15MU-25-8-22 (W)     | SWSE    | 25      | 8S       | 22E   | UINTAH | UTU-65472       | Federal Lease         |
| 4304735434 | EIHX 16MU-25-8-22 (W)     | SESE    | 25      | 8S       | 22E   | UINTAH | UTU-65472       | Federal Lease         |
| 4304735433 | EIHX 9MU-25-8-22 (W)      | NESE    | 25      | 8S       | 22E   | UINTAH | UTU-65472       | Federal Lease         |
| 4304734147 | GH 5W-21-8-21             | SWNW    | 21      | 8S       | 21E   | UINTAH | UTU-68217       | Federal Lease         |
| 4304734148 | GH 6W-21-8-21             | SENW    | 21      | 8S       | 21E   | UINTAH | UTU-68217       | Federal Lease         |
| 4304733845 | GH 7W-21-8-21             | SWNE    | 21      | 8S       | 21E   | UINTAH | UTU-68217       | Federal Lease         |
| 4304734149 | GH 8W-21-8-21             | SENE    | 21      | 8S       | 21E   | UINTAH | UTU-68217       | Federal Lease         |
| 4304734561 | WVX 10W-17-8-21 (GR)      | NWSE    | 17      | 8S       | 21E   | UINTAH | UTU68219        | Federal Lease         |
| 4304735324 | GH 1ML-19-8-21 (W)        | NENE    | 19      | 8S       | 21E   | UINTAH | UTU-68220       | Federal Lease         |
| 4304738267 | GH 7D-19-8-21 (MV)        | SWNE    | 19      | 8S       | 21E   | UINTAH | UTU-68220       | Federal Lease         |
| 4304732754 | FLU KNOLLS FED 23-3       | NESW    | 3       | 10S      | 18E   | UINTAH | UTU-68620       | Federal Lease         |
| 4304734604 | OU GB 1W-20-8-22          | NENE    | 20      | 8S       | 22E   | UINTAH | UTU69001        | Federal Lease         |
| 4304734599 | OU GB 2W-20-8-22          | NWNE    | 20      | 8S       | 22E   | UINTAH | UTU-69001       | Federal Lease         |
| 4304734018 | OU GB 6W-20-8-22          | SENW    | 20      | 8S       | 22E   | UINTAH | UTU-69001       | Federal Lease         |
| 4304734705 | OU GB 7W-20-8-22          | SWNE    | 20      | 8S       | 22E   | UINTAH | UTU-69001       | Federal Lease         |
| 4304737665 | GB 8D-20-8-22 (W)         | SENE    | 20      | 8S       | 22E   | UINTAH | UTU-69001       | Federal Lease         |
| 4304733526 | OU GB 3W-20-8-22          | NENW    | 20      | 8S       | 22E   | UINTAH | UTU-69001       | Federal Lease         |
| 4304734043 | OU GB 4W-20-8-22          | NWNW    | 20      | 8S       | 22E   | UINTAH | UTU-69001       | Federal Lease         |
| 4304734209 | OU GB 5W-20-8-22          | SWNW    | 20      | 8S       | 22E   | UINTAH | UTU-69001       | Federal Lease         |
| 4304734403 | SU BW 15W-18-7-22         | SWSE    | 18      | 7S       | 22E   | UINTAH | UTU71416        | Federal Lease         |
| 4304732493 | EAST COYOTE FED 14-4-8-25 | SESW    | 4       | 8S       | 25E   | UINTAH | UTU-72109       | Federal Lease         |
| 4304736143 | NBE 8ML-12-9-23 (W)       | SENE    | 12      | 9S       | 23E   | UINTAH | UTU72634        | Federal Lease         |
| 4304736620 | NBE 10D-26-9-23 (M)       | NWSE    | 26      | 9S       | 23E   | UINTAH | UTU-72634       | Federal Lease         |
| 4304736617 | NBE 10ML-17-9-23 (W)      | NWSE    | 17      | 9S       | 23E   | UINTAH | UTU-72634       | Federal Lease         |
| 4304736594 | NBE 11ML-10-9-23 (W)      | NESW    | 10      | 9S       | 23E   | UINTAH | UTU-72634       | Federal Lease         |
| 4304735466 | NBE 11ML-17-9-23 (W)      | NESW    | 17      | 9S       | 23E   | UINTAH | UTU-72634       | Federal Lease         |
| 4304735333 | NBE 12ML-10-9-23 (ML)     | NWSW    | 10      | 9S       | 23E   | UINTAH | UTU-72634       | Federal Lease         |
| 4304735652 | NBE 12ML-17-9-23 (ML)     | NWSW    | 17      | 9S       | 23E   | UINTAH | UTU-72634       | Federal Lease         |
| 4304735334 | NBE 13ML-17-9-23 (ML)     | SWSW    | 17      | 9S       | 23E   | UINTAH | UTU-72634       | Federal Lease         |
| 4304736622 | NBE 13ML-26-9-23 (W)      | SWSW    | 26      | 9S       | 23E   | UINTAH | UTU-72634       | Federal Lease         |
| 4304736618 | NBE 14ML-17-9-23 (W)      | SESW    | 17      | 9S       | 23E   | UINTAH | UTU-72634       | Federal Lease         |
| 4304736623 | NBE 14ML-26-9-23 (W)      | SESW    | 26      | 9S       | 23E   | UINTAH | UTU-72634       | Federal Lease         |
| 4304736595 | NBE 15ML-10-9-23 (W)      | SWSE    | 10      | 9S       | 23E   | UINTAH | UTU-72634       | Federal Lease         |
| 4304735463 | NBE 15ML-17-9-23 (W)      | SWSE    | 17      | 9S       | 23E   | UINTAH | UTU-72634       | Federal Lease         |
| 4304735666 | NBE 15ML-26-9-23 (ML)     | SWSE    | 26      | 9S       | 23E   | UINTAH | UTU-72634       | Federal Lease         |
| 4304736100 | NBE 16ML-10-9-23 (W)      | SESE    | 10      | 9S       | 23E   | UINTAH | UTU-72634       | Federal Lease         |



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|------------|----------------------------|---------|---------|----------|-------|--------|-----------------|-----------------------|
| 4304736624 | NBE 16ML-26-9-23 (W)       | SESE    | 26      | 9S       | 23E   | UINTAH | UTU-72634       | Federal Lease         |
| 4304737619 | NBE 2ML-10-9-23 (W)        | NWNE    | 10      | 9S       | 23E   | UINTAH | UTU-72634       | Federal Lease         |
| 4304736614 | NBE 2ML-17-9-23 (W)        | NWNE    | 17      | 9S       | 23E   | UINTAH | UTU-72634       | Federal Lease         |
| 4304736590 | NBE 2ML-26-9-23 (W)        | NWNE    | 26      | 9S       | 23E   | UINTAH | UTU-72634       | Federal Lease         |
| 4304736356 | NBE 3ML-10-9-23 (W)        | NENW    | 10      | 9S       | 23E   | UINTAH | UTU-72634       | Federal Lease         |
| 4304735465 | NBE 3ML-17-9-23 (W)        | NENW    | 17      | 9S       | 23E   | UINTAH | UTU-72634       | Federal Lease         |
| 4304736591 | NBE 3ML-26-9-23 (W)        | NENW    | 26      | 9S       | 23E   | UINTAH | UTU-72634       | Federal Lease         |
| 4304739348 | NBE 4DD-17-9-23 (M)        | NWNW    | 17      | 9S       | 23E   | UINTAH | UTU-72634       | Federal Lease         |
| 4304736098 | NBE 4ML-10-9-23 (W)        | NWNW    | 10      | 9S       | 23E   | UINTAH | UTU-72634       | Federal Lease         |
| 4304736615 | NBE 4ML-17-9-23 (W)        | NWNW    | 17      | 9S       | 23E   | UINTAH | UTU-72634       | Federal Lease         |
| 4304739346 | NBE 5DD-10-9-23 (M)        | SWNW    | 10      | 9S       | 23E   | UINTAH | UTU-72634       | Federal Lease         |
| 4304736353 | NBE 5ML-10-9-23 (W)        | SWNW    | 10      | 9S       | 23E   | UINTAH | UTU-72634       | Federal Lease         |
| 4304736941 | NBE 5ML-17-9-23 (W)        | SWNW    | 17      | 9S       | 23E   | UINTAH | UTU-72634       | Federal Lease         |
| 4304736592 | NBE 5ML-26-9-23 (W)        | SWNW    | 26      | 9S       | 23E   | UINTAH | UTU-72634       | Federal Lease         |
| 4304735651 | NBE 6ML-10-9-23 (W)        | SENW    | 10      | 9S       | 23E   | UINTAH | UTU-72634       | Federal Lease         |
| 4304736616 | NBE 6ML-17-9-23 (W)        | SENW    | 17      | 9S       | 23E   | UINTAH | UTU-72634       | Federal Lease         |
| 4304736355 | NBE 7ML-10-9-23 (W)        | SWNE    | 10      | 9S       | 23E   | UINTAH | UTU-72634       | Federal Lease         |
| 4304735464 | NBE 7ML-17-9-23 (ML)       | SWNE    | 17      | 9S       | 23E   | UINTAH | UTU-72634       | Federal Lease         |
| 4304736587 | NBE 7ML-26-9-23 (W)        | SWNE    | 26      | 9S       | 23E   | UINTAH | UTU-72634       | Federal Lease         |
| 4304739351 | NBE 8BD-26-9-23 (DK)       | SENE    | 26      | 9S       | 23E   | UINTAH | UTU-72634       | Federal Lease         |
| 4304739341 | NBE 8CD-10-9-23 (M)        | SENE    | 10      | 9S       | 23E   | UINTAH | UTU-72634       | Federal Lease         |
| 4304736099 | NBE 8ML-10-9-23 (W)        | SENE    | 10      | 9S       | 23E   | UINTAH | UTU-72634       | Federal Lease         |
| 4304736588 | NBE 8ML-26-9-23 (W)        | SENE    | 26      | 9S       | 23E   | UINTAH | UTU-72634       | Federal Lease         |
| 4304736593 | NBE 9ML-10-9-23 (W)        | NESE    | 10      | 9S       | 23E   | UINTAH | UTU-72634       | Federal Lease         |
| 4304736619 | NBE 9ML-26-9-23 (ML)       | NESE    | 26      | 9S       | 23E   | UINTAH | UTU-72634       | Federal Lease         |
| 4304739349 | NBE 10CD-17-9-23 (M)       | NWSE    | 17      | 9S       | 23E   | UINTAH | UTU-72634       | Federal Lease         |
| 4304735665 | NBE 11ML-26-9-23 (W)       | NESW    | 26      | 9S       | 23E   | UINTAH | UTU-72634       | Federal Lease         |
| 4304736621 | NBE 12ML-26-9-23 (W)       | NWSW    | 26      | 9S       | 23E   | UINTAH | UTU-72634       | Federal Lease         |
| 4304736589 | NBE 1ML-26-9-23 (W)        | NENE    | 26      | 9S       | 23E   | UINTAH | UTU-72634       | Federal Lease         |
| 4304735335 | NBE 4ML-26-9-23 (ML)       | NWNW    | 26      | 9S       | 23E   | UINTAH | UTU-72634       | Federal Lease         |
| 4304735664 | NBE 6ML-26-9-23 (ML)       | SENW    | 26      | 9S       | 23E   | UINTAH | UTU-72634       | Federal Lease         |
| 4304735650 | NBE 10ML-10-9-23 (W)       | NWSE    | 10      | 9S       | 23E   | UINTAH | UTU-72634       | Federal Lease         |
| 4304738875 | NBE 12SWD-10-9-23          | NWSW    | 10      | 9S       | 23E   | UINTAH | UTU-72634       | Federal Lease         |
| 4304735483 | RWS 3ML-9-9-24 (W)         | NENW    | 9       | 9S       | 24E   | UINTAH | UTU73182        | Federal Lease         |
| 4304738645 | RWS 5ML-9-9-24 ALLOCATION  | SWNW    | 9       | 9S       | 24E   | UINTAH | UTU73182        | Federal Lease         |
| 4304738646 | RWS 12ML-9-9-24 ALLOCATION | NWSW    | 9       | 9S       | 24E   | UINTAH | UTU73182        | Federal Lease         |
| 4304737307 | RWS 8D-5-9-24 (DK)         | SENE    | 5       | 9S       | 24E   | UINTAH | UTU73456        | Federal Lease         |

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|------------|------------------------------|---------|---------|----------|-------|--------|-----------------|-----------------------|
| 4304737311 | RWS 16ML-5-9-24 (W)          | SESE    | 5       | 9S       | 24E   | UINTAH | UTU73456        | Federal Lease         |
| 4304737411 | RWS 2D-6-9-24 (DK)           | NWNE    | 6       | 9S       | 24E   | UINTAH | UTU73456        | Federal Lease         |
| 4304737308 | RWS 10ML-5-9-24 (GR)         | NWSE    | 5       | 9S       | 24E   | UINTAH | UTU-73456       | Federal Lease         |
| 4304734719 | OU SG 10M-15-8-22            | NWSE    | 15      | 8S       | 22E   | UINTAH | UTU-73686       | Federal Lease         |
| 4304734764 | OU SG 10W-10-8-22            | NWSE    | 10      | 8S       | 22E   | UINTAH | UTU-73686       | Federal Lease         |
| 4304734710 | OU SG 14W-15-8-22            | SESW    | 15      | 8S       | 22E   | UINTAH | UTU-73686       | Federal Lease         |
| 4304734711 | OU SG 15W-15-8-22            | SWSE    | 15      | 8S       | 22E   | UINTAH | UTU-73686       | Federal Lease         |
| 4304734784 | OU SG 16W-10-8-22            | SESE    | 10      | 8S       | 22E   | UINTAH | UTU-73686       | Federal Lease         |
| 4304734712 | OU SG 16W-15-8-22            | SESE    | 15      | 8S       | 22E   | UINTAH | UTU-73686       | Federal Lease         |
| 4304734717 | OU SG 8W-15-8-22             | SENE    | 15      | 8S       | 22E   | UINTAH | UTU-73686       | Federal Lease         |
| 4304734783 | OU SG 9W-10-8-22             | NESE    | 10      | 8S       | 22E   | UINTAH | UTU-73686       | Federal Lease         |
| 4304734718 | OU SG 9W-15-8-22             | NESE    | 15      | 8S       | 22E   | UINTAH | UTU-73686       | Federal Lease         |
| 4304734721 | OU SG 2MU-15-8-22 (MU)       | NWNE    | 15      | 8S       | 22E   | UINTAH | UTU-73686       | Federal Lease         |
| 4304734722 | OU SG 7W-15-8-22             | SWNE    | 15      | 8S       | 22E   | UINTAH | UTU-73686       | Federal Lease         |
| 4304733177 | SG 12A-14-8-22               | NWSW    | 14      | 8S       | 22E   | UINTAH | UTU73687        | Federal Lease         |
| 4304735071 | SG 4G-11-8-22                | NWNW    | 11      | 8S       | 22E   | UINTAH | UTU73687        | Federal Lease         |
| 4304735072 | OU SG 5MU-11-8-22 (AKA OU SG | SWNW    | 11      | 8S       | 22E   | UINTAH | UTU73687        | Federal Lease         |
| 4304735075 | OU SG 4W-14-8-22             | NWNW    | 14      | 8S       | 22E   | UINTAH | UTU73687        | Federal Lease         |
| 4304735099 | SG 11SG-23-8-22              | NESW    | 23      | 8S       | 22E   | UINTAH | UTU73687        | Federal Lease         |
| 4304735114 | OU SG 14W-11-8-22            | SESW    | 11      | 8S       | 22E   | UINTAH | UTU73687        | Federal Lease         |
| 4304735377 | OU SG 13W-11-8-22            | SWSW    | 11      | 8S       | 22E   | UINTAH | UTU73687        | Federal Lease         |
| 4304735078 | OU SG 12MU-14-8-22 (MU)      | NWSW    | 14      | 8S       | 22E   | UINTAH | UTU-73687       | Federal Lease         |
| 4304735076 | OU SG 5MU-14-8-22            | SWNW    | 14      | 8S       | 22E   | UINTAH | UTU-73687       | Federal Lease         |
| 4304735077 | OU SG 6MU-14-8-22 (MU)       | SENW    | 14      | 8S       | 22E   | UINTAH | UTU-73687       | Federal Lease         |
| 4304735382 | SG 10MU-11-8-22 (W)          | NWSE    | 11      | 8S       | 22E   | UINTAH | UTU-73687       | Federal Lease         |
| 4304735257 | SG 11M-23-8-22 MV            | NESW    | 23      | 8S       | 22E   | UINTAH | UTU-73687       | Federal Lease         |
| 4304735188 | SG 12MU-23-8-22 (MU)         | NWSW    | 23      | 8S       | 22E   | UINTAH | UTU-73687       | Federal Lease         |
| 4304735079 | SG 13MU-14-8-22 (W)          | SWSW    | 14      | 8S       | 22E   | UINTAH | UTU-73687       | Federal Lease         |
| 4304735190 | SG 13MU-23-8-22 (W)          | SWSW    | 23      | 8S       | 22E   | UINTAH | UTU-73687       | Federal Lease         |
| 4304735950 | SG 14MU-14-8-22 (W)          | SESW    | 14      | 8S       | 22E   | UINTAH | UTU-73687       | Federal Lease         |
| 4304735117 | SG 14MU-23-8-22 (MU)         | SESW    | 23      | 8S       | 22E   | UINTAH | UTU-73687       | Federal Lease         |
| 4304735328 | SG 15MU-14-8-22 (W)          | SWSE    | 14      | 8S       | 22E   | UINTAH | UTU-73687       | Federal Lease         |
| 4304735375 | SG 1MU-11-8-22 (W)           | NENE    | 11      | 8S       | 22E   | UINTAH | UTU-73687       | Federal Lease         |
| 4304736940 | SG 3MU-23-8-22 (W)           | SESW    | 14      | 8S       | 22E   | UINTAH | UTU-73687       | Federal Lease         |
| 4304735758 | SG 4MU-23-8-22 (W)           | NWNW    | 23      | 8S       | 22E   | UINTAH | UTU-73687       | Federal Lease         |
| 4304735115 | SG 5MU-23-8-22 (W)           | SWNW    | 23      | 8S       | 22E   | UINTAH | UTU-73687       | Federal Lease         |
| 4304735073 | SG 6MU-11-8-22 (W)           | SENW    | 11      | 8S       | 22E   | UINTAH | UTU-73687       | Federal Lease         |



| API Number | Well Name                   | Qtr/Qtr | Section | Township | Range | County   | Lease or Unit # | Name of Unit or Lease |
|------------|-----------------------------|---------|---------|----------|-------|----------|-----------------|-----------------------|
| 4304735116 | SG 6MU-23-8-22 (W)          | SENE    | 23      | 8S       | 22E   | UINTAH   | UTU-73687       | Federal Lease         |
| 4304735374 | SG 7MU-11-8-22 (W)          | SWNE    | 11      | 8S       | 22E   | UINTAH   | UTU-73687       | Federal Lease         |
| 4304735380 | SG 8MU-11-8-22 (W)          | SENE    | 11      | 8S       | 22E   | UINTAH   | UTU-73687       | Federal Lease         |
| 4304735091 | OU SG 9MU-11-8-22 (MU)      | NESE    | 11      | 8S       | 22E   | UINTAH   | UTU-73687       | Federal Lease         |
| 4304735829 | SG 11MU-14-8-22 (W)         | NESW    | 14      | 8S       | 22E   | UINTAH   | UTU-73687       | Federal Lease         |
| 4304735381 | SG 2MU-11-8-22 (MU)         | NWNE    | 11      | 8S       | 22E   | UINTAH   | UTU-73687       | Federal Lease         |
| 4304735379 | SG 3MU-11-8-22 (W)          | NENW    | 11      | 8S       | 22E   | UINTAH   | UTU-73687       | Federal Lease         |
| 4304732746 | SG 6-14-8-22                | SENE    | 14      | 8S       | 22E   | UINTAH   | UTU-73687       | Federal Lease         |
| 4304736040 | WWT 7ML-24-8-24 (ML)        | SWNE    | 24      | 8S       | 24E   | UINTAH   | UTU73698        | Federal Lease         |
| 4304735803 | RWS 8ML-14-9-24 (W)         | SENE    | 14      | 9S       | 24E   | UINTAH   | UTU73917        | Federal Lease         |
| 4304734391 | GB 16W-30-8-22              | SESE    | 30      | 8S       | 22E   | UINTAH   | UTU74493        | Federal Lease         |
| 4304734555 | OU GB 12W-29-8-22           | NWSW    | 29      | 8S       | 22E   | UINTAH   | UTU74493        | Federal Lease         |
| 4304734575 | OU GB 8W-29-8-22            | SENE    | 29      | 8S       | 22E   | UINTAH   | UTU74493        | Federal Lease         |
| 4304715084 | WHITE RIVER UNIT 20-9       | NESW    | 9       | 8S       | 22E   | UINTAH   | UTU74494        | Federal Lease         |
| 4304734652 | OU GB 12W-9-8-22            | NWSW    | 9       | 8S       | 22E   | UINTAH   | UTU74494        | Federal Lease         |
| 4304734654 | OU GB 13W-9-8-22            | SWSW    | 9       | 8S       | 22E   | UINTAH   | UTU-74494       | Federal Lease         |
| 4304734715 | OU GB 5M-15-8-22 (MV)       | SWNW    | 15      | 8S       | 22E   | UINTAH   | UTU-74494       | Federal Lease         |
| 4304733364 | OU GB 15-18-8-22            | SWSE    | 18      | 8S       | 22E   | UINTAH   | UTU-74495       | Federal Lease         |
| 4304734563 | OU GB 16W-18-8-22           | SESE    | 18      | 8S       | 22E   | UINTAH   | UTU-74495       | Federal Lease         |
| 4304734514 | OU GB 5W-19-8-22            | SWNW    | 19      | 8S       | 22E   | UINTAH   | UTU-74495       | Federal Lease         |
| 4304733516 | OU GB 9W-18-8-22            | NESE    | 18      | 8S       | 22E   | UINTAH   | UTU-74495       | Federal Lease         |
| 4304734695 | OU GB 5G-19-8-22            | SWNW    | 19      | 8S       | 22E   | UINTAH   | UTU-74495       | Federal Lease         |
| 4301333203 | PETES WASH U 13-06 GR       | NWNW    | 6       | 10S      | 16E   | DUCHESNE | UTU74831        | Federal Lease         |
| 4304732052 | DESERT SPRING FED 20-1      | NESW    | 20      | 10S      | 18E   | UINTAH   | UTU74836        | Federal Lease         |
| 4301332088 | W DESERT SPRING 11-20-10-17 | NESW    | 20      | 10S      | 17E   | DUCHESNE | UTU75083        | Federal Lease         |
| 4304734630 | OU GB 9W-20-8-22            | NESE    | 20      | 8S       | 22E   | UINTAH   | UTU-75103       | Federal Lease         |
| 4304736039 | COY 12ML-24-8-24 (G)        | NWSW    | 24      | 8S       | 24E   | UINTAH   | UTU-75116       | Federal Lease         |
| 4304737114 | HK 12ML-30-8-25 (ML)        | NWSW    | 30      | 8S       | 25E   | UINTAH   | UTU75503        | Federal Lease         |
| 4304735457 | GB 3MU-3-8-22 (W)           | NENW    | 3       | 8S       | 22E   | UINTAH   | UTU-75678       | Federal Lease         |
| 4304715423 | FEDERAL 2-29-7-22           | NESW    | 29      | 7S       | 22E   | UINTAH   | UTU76507        | Federal Lease         |
| 4304733987 | SU 3W-5-8-22                | NENW    | 5       | 8S       | 22E   | UINTAH   | UTU76508        | Federal Lease         |
| 4304733994 | SU 13W-5-8-22               | SWSW    | 5       | 8S       | 22E   | UINTAH   | UTU76508        | Federal Lease         |
| 4304734401 | SU 14W-5-8-22               | SESW    | 5       | 8S       | 22E   | UINTAH   | UTU76508        | Federal Lease         |
| 4304734390 | WVX 15G-5-8-22              | SWSE    | 5       | 8S       | 22E   | UINTAH   | UTU76508        | Federal Lease         |
| 4304733996 | SU 15W-5-8-22               | SWSE    | 5       | 8S       | 22E   | UINTAH   | UTU-76508       | Federal Lease         |
| 4304734446 | SU 16W-5-8-22               | SESE    | 5       | 8S       | 22E   | UINTAH   | UTU-76508       | Federal Lease         |
| 4304733985 | SU 1W-5-8-22                | NENE    | 5       | 8S       | 22E   | UINTAH   | UTU-76508       | Federal Lease         |

| API Number | Well Name             | Qtr/Qtr | Section | Township | Range | County   | Lease or Unit # | Name of Unit or Lease |
|------------|-----------------------|---------|---------|----------|-------|----------|-----------------|-----------------------|
| 4304734455 | SU 2W-5-8-22          | NWNE    | 5       | 8S       | 22E   | UINTAH   | UTU-76508       | Federal Lease         |
| 4304733988 | SU 7W-5-8-22          | SWNE    | 5       | 8S       | 22E   | UINTAH   | UTU-76508       | Federal Lease         |
| 4304733990 | SU 9W-5-8-22          | NESE    | 5       | 8S       | 22E   | UINTAH   | UTU-76508       | Federal Lease         |
| 4304734456 | SU 10W-5-8-22         | NWSE    | 5       | 8S       | 22E   | UINTAH   | UTU-76508       | Federal Lease         |
| 4304737229 | NBZ 4D-30-8-24 (W)    | NWNW    | 30      | 8S       | 24E   | UINTAH   | UTU77301        | Federal Lease         |
| 4304737230 | NBZ 6ML-30-8-24 (W)   | SENW    | 30      | 8S       | 24E   | UINTAH   | UTU77301        | Federal Lease         |
| 4304737232 | NBZ 10ML-30-8-24      | NWSE    | 30      | 8S       | 24E   | UINTAH   | UTU77301        | Federal Lease         |
| 4304737233 | NBZ 12D-30-8-24 (W)   | NWSW    | 30      | 8S       | 24E   | UINTAH   | UTU77301        | Federal Lease         |
| 4304737234 | NBZ 14ML-30-8-24 (W)  | SESW    | 30      | 8S       | 24E   | UINTAH   | UTU77301        | Federal Lease         |
| 4304737235 | NBZ 6D-31-8-24        | SENW    | 31      | 8S       | 24E   | UINTAH   | UTU77301        | Federal Lease         |
| 4304737236 | NBZ 4D-31-8-24 (W)    | NWNW    | 31      | 8S       | 24E   | UINTAH   | UTU77301        | Federal Lease         |
| 4304737239 | NBZ 2ML-31-8-24       | NWNE    | 31      | 8S       | 24E   | UINTAH   | UTU77301        | Federal Lease         |
| 4304737240 | NBZ 11D-29-8-24 (W)   | NESW    | 29      | 8S       | 24E   | UINTAH   | UTU77301        | Federal Lease         |
| 4304737241 | NBZ 5D-29-8-24 (W)    | SWNW    | 29      | 8S       | 24E   | UINTAH   | UTU77301        | Federal Lease         |
| 4304737244 | NBZ 9D-29-8-24 (W)    | NESE    | 29      | 8S       | 24E   | UINTAH   | UTU77301        | Federal Lease         |
| 4304737246 | NBZ 15ML-29-8-24      | SWSE    | 29      | 8S       | 24E   | UINTAH   | UTU77301        | Federal Lease         |
| 4301333833 | GD 16G-35-9-15        | SESE    | 35      | 9S       | 15E   | DUCHESNE | UTU-78021       | Federal Lease         |
| 4301333827 | GD 1G-34-9-15         | NENE    | 34      | 9S       | 15E   | DUCHESNE | UTU-78021       | Federal Lease         |
| 4304737274 | CWD 3D-32-8-24 (W)    | NENW    | 32      | 8S       | 24E   | UINTAH   | UTU78029        | Federal Lease         |
| 4304737276 | CWD 12ML-32-8-24 (ML) | NWSW    | 32      | 8S       | 24E   | UINTAH   | UTU78029        | Federal Lease         |
| 4301350414 | WR 4G-35-10-17        | NWNW    | 35      | 10S      | 17E   | DUCHESNE | UTU-78216       | Federal Lease         |
| 4301333202 | PETES WASH U 14-24 GR | NWNW    | 24      | 10S      | 16E   | DUCHESNE | UTU79824        | Federal Lease         |
| 4304734952 | GB 11M-27-8-21 (ML)   | NESW    | 27      | 8S       | 21E   | UINTAH   | UTU-804         | Federal Lease         |
| 4304734957 | GB 1D-27-8-21 (M)     | NENE    | 27      | 8S       | 21E   | UINTAH   | UTU-804         | Federal Lease         |
| 4304734900 | GB 3M-27-8-21 (ML)    | NENW    | 27      | 8S       | 21E   | UINTAH   | UTU-804         | Federal Lease         |
| 4304734956 | GB 9D-27-8-21         | NESE    | 27      | 8S       | 21E   | UINTAH   | UTU-804         | Federal Lease         |
| 4304739662 | GB 15D-27-8-21 (FR)   | SWSE    | 27      | 8S       | 21E   | UINTAH   | UTU-804         | Federal Lease         |
| 4304734207 | WV 2W-3-8-21          | NWNE    | 3       | 8S       | 21E   | UINTAH   | UTU-80636       | Federal Lease         |
| 4304735412 | SU 11MU-9-8-21 (W)    | NESW    | 9       | 8S       | 21E   | UINTAH   | UTU-80637       | Federal Lease         |
| 4304733905 | WV 2W-9-8-21          | NWNE    | 9       | 8S       | 21E   | UINTAH   | UTU-80637       | Federal Lease         |
| 4304751226 | DS 16G-20-10-18       | SESE    | 20      | 10S      | 18E   | UINTAH   | UTU-84264       | Federal Lease         |
| 4304751178 | DS 13G-19-10-18       | SWSW    | 19      | 10S      | 18E   | UINTAH   | UTU-88320       | Federal Lease         |
| 4304733960 | GB 9W-25-8-21         | NESE    | 25      | 8S       | 21E   | UINTAH   | UTU-8909        | Federal Lease         |
| 4304754035 | RW 11-33B SWD         | NWNW    | 33      | 7S       | 23E   | UINTAH   | UTU-90144       | Federal Lease         |
| 4304731257 | GLEN BENCH 44-19      | SESE    | 19      | 8S       | 22E   | UINTAH   | UTU9617         | Federal Lease         |
| 4304731260 | GLEN BENCH 22-30      | SENW    | 30      | 8S       | 22E   | UINTAH   | UTU9617         | Federal Lease         |
| 4304731355 | GB 13-20-8-22         | NWSW    | 20      | 8S       | 22E   | UINTAH   | UTU9617         | Federal Lease         |



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|------------|-------------------------|---------|---------|----------|-------|--------|-----------------|-----------------------|
| 4304732755 | GLEN BENCH UN 4-30-8-22 | NWNW    | 30      | 8S       | 22E   | UINTAH | UTU9617         | Federal Lease         |
| 4304737664 | GB 16ML-20-8-22 (W)     | SESE    | 20      | 8S       | 22E   | UINTAH | UTU-9617        | Federal Lease         |
| 4304734577 | OU GB 10W-29-8-22       | NWSE    | 29      | 8S       | 22E   | UINTAH | UTU-9617        | Federal Lease         |
| 4304734350 | OU GB 11W-29-8-22       | NESW    | 29      | 8S       | 22E   | UINTAH | UTU-9617        | Federal Lease         |
| 4304733948 | OU GB 12W-19-8-22       | NWSW    | 19      | 8S       | 22E   | UINTAH | UTU-9617        | Federal Lease         |
| 4304734668 | OU GB 12WX-29-8-22      | NWSW    | 29      | 8S       | 22E   | UINTAH | UTU-9617        | Federal Lease         |
| 4304734536 | OU GB 13W-19-8-22       | SWSW    | 19      | 8S       | 22E   | UINTAH | UTU-9617        | Federal Lease         |
| 4304734547 | OU GB 13W-29-8-22       | SWSW    | 29      | 8S       | 22E   | UINTAH | UTU-9617        | Federal Lease         |
| 4304734743 | OU GB 14SG-29-8-22      | SESW    | 29      | 8S       | 22E   | UINTAH | UTU-9617        | Federal Lease         |
| 4304734632 | OU GB 15W-20-8-22       | SWSE    | 20      | 8S       | 22E   | UINTAH | UTU-9617        | Federal Lease         |
| 4304734578 | OU GB 15W-29-8-22       | SWSE    | 29      | 8S       | 22E   | UINTAH | UTU-9617        | Federal Lease         |
| 4304734744 | OU GB 16SG-29-8-22      | SESE    | 29      | 8S       | 22E   | UINTAH | UTU-9617        | Federal Lease         |
| 4304734603 | OU GB 16W-29-8-22       | SESE    | 29      | 8S       | 22E   | UINTAH | UTU-9617        | Federal Lease         |
| 4304734506 | OU GB 16WX-30-8-22      | SESE    | 30      | 8S       | 22E   | UINTAH | UTU-9617        | Federal Lease         |
| 4304734573 | OU GB 1W-29-8-22        | NENE    | 29      | 8S       | 22E   | UINTAH | UTU-9617        | Federal Lease         |
| 4304734600 | OU GB 2W-29-8-22        | NWNE    | 29      | 8S       | 22E   | UINTAH | UTU-9617        | Federal Lease         |
| 4304734546 | OU GB 3W-29-8-22        | NENW    | 29      | 8S       | 22E   | UINTAH | UTU-9617        | Federal Lease         |
| 4304734549 | OU GB 5W-29-8-22        | SWNW    | 29      | 8S       | 22E   | UINTAH | UTU-9617        | Federal Lease         |
| 4304734545 | OU GB 6W-29-8-22        | SENW    | 29      | 8S       | 22E   | UINTAH | UTU-9617        | Federal Lease         |
| 4304734574 | OU GB 7W-29-8-22        | SWNE    | 29      | 8S       | 22E   | UINTAH | UTU-9617        | Federal Lease         |
| 4304734576 | OU GB 9W-29-8-22        | NESE    | 29      | 8S       | 22E   | UINTAH | UTU-9617        | Federal Lease         |
| 4304734533 | OU GB 9W-30-8-22        | NESE    | 30      | 8S       | 22E   | UINTAH | UTU-9617        | Federal Lease         |
| 4304734554 | OU GB 14W-29-8-22       | SESW    | 29      | 8S       | 22E   | UINTAH | UTU-9617        | Federal Lease         |
| 4304734688 | OU GB 16SG-30-8-22      | SESE    | 30      | 8S       | 22E   | UINTAH | UTU-9617        | Federal Lease         |
| 4304734535 | OU GB 10W-19-8-22       | NWSE    | 19      | 8S       | 22E   | UINTAH | UTU-9617        | Federal Lease         |
| 4304734522 | OU GB 16W-19-8-22       | SESE    | 19      | 8S       | 22E   | UINTAH | UTU-9617        | Federal Lease         |
| 4304734631 | OU GB 10W-20-8-22       | NWSE    | 20      | 8S       | 22E   | UINTAH | UTU-9617        | Federal Lease         |
| 4304733947 | OU GB 10W-30-8-22       | NWSE    | 30      | 8S       | 22E   | UINTAH | UTU-9617        | Federal Lease         |
| 4304734517 | OU GB 11W-19-8-22       | NESW    | 19      | 8S       | 22E   | UINTAH | UTU-9617        | Federal Lease         |
| 4304734039 | OU GB 11W-20-8-22       | NESW    | 20      | 8S       | 22E   | UINTAH | UTU-9617        | Federal Lease         |
| 4304733670 | OU GB 12W-30-8-22       | NWSW    | 30      | 8S       | 22E   | UINTAH | UTU-9617        | Federal Lease         |
| 4304734348 | OU GB 13W-20-8-22       | SWSW    | 20      | 8S       | 22E   | UINTAH | UTU-9617        | Federal Lease         |
| 4304734537 | OU GB 14W-19-8-22       | SESW    | 19      | 8S       | 22E   | UINTAH | UTU-9617        | Federal Lease         |
| 4304734349 | OU GB 14W-20-8-22       | SESW    | 20      | 8S       | 22E   | UINTAH | UTU-9617        | Federal Lease         |
| 4304734548 | OU GB 4W-29-8-22        | NWNW    | 29      | 8S       | 22E   | UINTAH | UTU-9617        | Federal Lease         |
| 4304733945 | OU GB 4W-30-8-22        | NWNW    | 30      | 8S       | 22E   | UINTAH | UTU-9617        | Federal Lease         |
| 4304734025 | OU GB 5W-30-8-22        | SWNW    | 30      | 8S       | 22E   | UINTAH | UTU-9617        | Federal Lease         |

| API Number | Well Name              | Qtr/Qtr | Section | Township | Range | County | Lease or Unit #   | Name of Unit or Lease                |
|------------|------------------------|---------|---------|----------|-------|--------|-------------------|--------------------------------------|
| 4304734530 | OU GB 6W-30-8-22       | SENE    | 30      | 8S       | 22E   | UINTAH | UTU-9617          | Federal Lease                        |
| 4304734531 | OU GB 7W-30-8-22       | SWNE    | 30      | 8S       | 22E   | UINTAH | UTU-9617          | Federal Lease                        |
| 4304734532 | OU GB 8W-30-8-22       | SENE    | 30      | 8S       | 22E   | UINTAH | UTU-9617          | Federal Lease                        |
| 4304733946 | OU GB 9W-19-8-22       | NESE    | 19      | 8S       | 22E   | UINTAH | UTU-9617          | Federal Lease                        |
| 4304734538 | OU GB 15W-19-8-22      | SWSE    | 19      | 8S       | 22E   | UINTAH | UTU-9617          | Federal Lease                        |
| 4304734528 | OU GB 1W-30-8-22       | NENE    | 30      | 8S       | 22E   | UINTAH | UTU-9617          | Federal Lease                        |
| 4304735080 | GB 2ML-30-8-22 (W)     | NWNE    | 30      | 8S       | 22E   | UINTAH | UTU-9617          | Federal Lease                        |
| 4304734713 | OU GB 4W-15-8-22 (GR)  | NWNW    | 15      | 8S       | 22E   | UINTAH | Unit # UTU 73974X | Glen Bench Secondary Recovery Unit   |
| 4304734678 | OU GB 15W-9-8-22 (GR)  | SWSE    | 9       | 8S       | 22E   | UINTAH | Unit # UTU 73974X | Glen Bench Secondary Recovery Unit   |
| 4304734529 | OU GB 3W-30-8-22 (GR)  | NENW    | 30      | 8S       | 22E   | UINTAH | Unit # UTU 73974X | Glen Bench Secondary Recovery Unit   |
| 4304734543 | OU GB 6W-17-8-22 (GR)  | SENE    | 17      | 8S       | 22E   | UINTAH | Unit # UTU 73974X | Glen Bench Secondary Recovery Unit   |
| 4304731555 | GB 2-17                | SESW    | 17      | 8S       | 22E   | UINTAH | Unit # UTU 73974X | Glen Bench Secondary Recovery Unit   |
| 4304731433 | GB 31-20               | NWNE    | 20      | 8S       | 22E   | UINTAH | Unit # UTU 73974X | Glen Bench Secondary Recovery Unit   |
| 4304732476 | GB 8-19-8-22           | SENE    | 19      | 8S       | 22E   | UINTAH | Unit # UTU 73974X | Glen Bench Secondary Recovery Unit   |
| 4304734696 | OU GB 1G-19-8-22       | NENE    | 19      | 8S       | 22E   | UINTAH | Unit # UTU 73974X | Glen Bench Secondary Recovery Unit   |
| 4304731008 | GB 31-30-8-22          | NWNE    | 30      | 8S       | 22E   | UINTAH | Unit # UTU 73974X | Glen Bench Secondary Recovery Unit   |
| 4304732756 | GB 15-19-8-22(WIW)     | SWSE    | 19      | 8S       | 22E   | UINTAH | Unit # UTU 73974X | Glen Bench Secondary Recovery Unit   |
| 4304731356 | GB 22-20(WIW)          | SENE    | 20      | 8S       | 22E   | UINTAH | Unit # UTU 73974X | Glen Bench Secondary Recovery Unit   |
| 4304733249 | OU GB 12W-20-8-22 (GB) | NWSW    | 20      | 8S       | 22E   | UINTAH | Unit # UTU 73974X | Glen Bench Secondary Recovery Unit   |
| 4304731065 | GH 1-19                | SESE    | 19      | 8S       | 21E   | UINTAH | Unit # UTU 67951A | Gypsum Hills Secondary Recovery Unit |
| 4304732651 | GH 19                  | SWNW    | 20      | 8S       | 21E   | UINTAH | Unit # UTU 67951A | Gypsum Hills Secondary Recovery Unit |
| 4304733566 | GH 10G-19-8-21         | NWSE    | 19      | 8S       | 21E   | UINTAH | Unit # UTU 67951A | Gypsum Hills Secondary Recovery Unit |
| 4304732459 | GH 11                  | NWSE    | 20      | 8S       | 21E   | UINTAH | Unit # UTU 67951A | Gypsum Hills Secondary Recovery Unit |
| 4304732460 | GH 13                  | NESW    | 21      | 8S       | 21E   | UINTAH | Unit # UTU 67951A | Gypsum Hills Secondary Recovery Unit |
| 4304732647 | GH 14                  | NWSW    | 20      | 8S       | 21E   | UINTAH | Unit # UTU 67951A | Gypsum Hills Secondary Recovery Unit |
| 4304732675 | GH 16                  | SESW    | 20      | 8S       | 21E   | UINTAH | Unit # UTU 67951A | Gypsum Hills Secondary Recovery Unit |
| 4304737993 | GH 16G-17-8-21         | SESE    | 17      | 8S       | 21E   | UINTAH | Unit # UTU 67951A | Gypsum Hills Secondary Recovery Unit |
| 4304732650 | GH 18                  | SESE    | 20      | 8S       | 21E   | UINTAH | Unit # UTU 67951A | Gypsum Hills Secondary Recovery Unit |
| 4304734927 | GH 1G-17-8-21          | NENE    | 17      | 8S       | 21E   | UINTAH | Unit # UTU 67951A | Gypsum Hills Secondary Recovery Unit |
| 4304732652 | GH 20                  | SENE    | 20      | 8S       | 21E   | UINTAH | Unit # UTU 67951A | Gypsum Hills Secondary Recovery Unit |
| 4304731541 | GH 23-21               | NWSW    | 21      | 8S       | 21E   | UINTAH | Unit # UTU 67951A | Gypsum Hills Secondary Recovery Unit |
| 4304730028 | GH 4                   | SWSE    | 19      | 8S       | 21E   | UINTAH | Unit # UTU 67951A | Gypsum Hills Secondary Recovery Unit |
| 4304731826 | GH 4-21                | SENE    | 21      | 8S       | 21E   | UINTAH | Unit # UTU 67951A | Gypsum Hills Secondary Recovery Unit |
| 4304731827 | GH 5-21                | SENE    | 21      | 8S       | 21E   | UINTAH | Unit # UTU 67951A | Gypsum Hills Secondary Recovery Unit |
| 4304732304 | GH 9                   | SENE    | 20      | 8S       | 21E   | UINTAH | Unit # UTU 67951A | Gypsum Hills Secondary Recovery Unit |
| 4304734723 | GHX 13HG-17-8-21       | SWSW    | 17      | 8S       | 21E   | UINTAH | Unit # UTU 67951A | Gypsum Hills Secondary Recovery Unit |
| 4304732458 | GH 12                  | NESE    | 19      | 8S       | 21E   | UINTAH | Unit # UTU 67951A | Gypsum Hills Secondary Recovery Unit |



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|------------|---------------------------|---------|---------|----------|-------|----------|--------------------|--------------------------------------|
| 4304732649 | GH 17 (WIW)               | SWSE    | 20      | 8S       | 21E   | UINTAH   | Unit # UTU 67951A  | Gypsum Hills Secondary Recovery Unit |
| 4304731066 | GH 2-20                   | NESE    | 20      | 8S       | 21E   | UINTAH   | Unit # UTU 67951A  | Gypsum Hills Secondary Recovery Unit |
| 4304731932 | GH 8                      | SWNE    | 20      | 8S       | 21E   | UINTAH   | Unit # UTU 67951A  | Gypsum Hills Secondary Recovery Unit |
| 4304737992 | GH 8G-17-8-21             | SENE    | 17      | 8S       | 21E   | UINTAH   | Unit # UTU 67951A  | Gypsum Hills Secondary Recovery Unit |
| 4304732306 | GH 10                     | NWSE    | 21      | 8S       | 21E   | UINTAH   | Unit # UTU 67951A  | Gypsum Hills Secondary Recovery Unit |
| 4304731006 | GH 1-20                   | NESW    | 20      | 8S       | 21E   | UINTAH   | Unit # UTU 67951A  | Gypsum Hills Secondary Recovery Unit |
| 4304732648 | GH 15 (WIW)               | SWSW    | 20      | 8S       | 21E   | UINTAH   | Unit # UTU 67951A  | Gypsum Hills Secondary Recovery Unit |
| 4304720002 | GH 3                      | NENE    | 20      | 8S       | 21E   | UINTAH   | Unit # UTU 67951A  | Gypsum Hills Secondary Recovery Unit |
| 4304731604 | GH 3-21                   | SWNW    | 21      | 8S       | 21E   | UINTAH   | Unit # UTU 67951A  | Gypsum Hills Secondary Recovery Unit |
| 4304733954 | WV 5W-17-8-21 GREEN RIVER | SWNW    | 17      | 8S       | 21E   | UINTAH   | Unit # UTU 67951A  | Gypsum Hills Secondary Recovery Unit |
| 4304734150 | GH 9W-17-8-21 (GR)        | NESE    | 17      | 8S       | 21E   | UINTAH   | Unit # UTU 67951A  | Gypsum Hills Secondary Recovery Unit |
| 4304735372 | WVX 8MU-19-8-21 (GR)      | SENE    | 19      | 8S       | 21E   | UINTAH   | Unit # UTU 67951A  | Gypsum Hills Secondary Recovery Unit |
| 4304734388 | WVX 11G-5-8-22            | NESW    | 5       | 8S       | 22E   | UINTAH   | Unit # UTU 88206X  | Horse Secondary Recovery             |
| 4304734389 | WVX 13G-5-8-22            | SWSW    | 5       | 8S       | 22E   | UINTAH   | Unit # UTU 88206X  | Horse Secondary Recovery             |
| 4304751179 | BW 15-18-7-22 (MV)        | SWSE    | 18      | 7S       | 22E   | UINTAH   | Unit # UTU 88205A  | Kilimanjaro Deep Unit PA "A"         |
| 4304736136 | SU BW 14M-7-7-22 (W)      | SESW    | 7       | 7S       | 22E   | UINTAH   | Unit # UTU 92222X  | KJ2 Unit                             |
| 4304734384 | SU PURDY 14M-30-7-22 (MU) | SESW    | 30      | 7S       | 22E   | UINTAH   | Unit # UTU 92222X  | KJ2 Unit                             |
| 4304734837 | SU BW 6M-7-7-22 (MU)      | SESW    | 7       | 7S       | 22E   | UINTAH   | Unit # UTU 92222X  | KJ2 Unit                             |
| 4304755649 | KJ 33B-17A                | NWSE    | 17      | 7S       | 22E   | UINTAH   | Unit # UTU 92222X  | KJ2 Unit                             |
| 4304737078 | MULLIGAN 822-24G          | SWNE    | 24      | 8S       | 22E   | UINTAH   | Unit # UTU-080643X | Mulligan Unit                        |
| 4304737077 | MULLIGAN 822-24H          | SENE    | 24      | 8S       | 22E   | UINTAH   | Unit # UTU-080643X | Mulligan Unit                        |
| 4301351631 | WR 6G-32-10-17            | SESW    | 32      | 10S      | 17E   | DUCHESNE | Unit # UTU 87716A  | Nautilus PA "A" Green River          |
| 4304753023 | DS 14G-6-10-18 (GR)       | SESW    | 6       | 10S      | 18E   | UINTAH   | Unit # UTU 87719A  | Nemo Unit PA                         |
| 4304752436 | DS 14G-7-10-18 (GR)       | SESW    | 7       | 10S      | 18E   | UINTAH   | Unit # UTU 87719A  | Nemo Unit PA                         |
| 4304752406 | DS 15G-5-10-18 (GR)       | SWSE    | 5       | 10S      | 18E   | UINTAH   | Unit # UTU 87719A  | Nemo Unit PA                         |
| 4304753286 | DS 2G-6-10-18 (GR)        | NWNE    | 6       | 10S      | 18E   | UINTAH   | Unit # UTU 87719A  | Nemo Unit PA                         |
| 4304735932 | RB DS FED 1G-7-10-18      | NENE    | 7       | 10S      | 18E   | UINTAH   | Unit # UTU 87719A  | Nemo Unit PA                         |
| 4304735933 | RB DS FED 14G-8-10-18     | SESW    | 8       | 10S      | 18E   | UINTAH   | Unit # UTU 87719A  | Nemo Unit PA                         |
| 4304755403 | RW 1C1-21A                | NWNE    | 21      | 7S       | 22E   | UINTAH   | Unit # UTU 63010D  | Red Wash Unit PA "D" Gas             |
| 4304752313 | RW 02B4-26B (MV)          | NESW    | 23      | 7S       | 23E   | UINTAH   | Unit # UTU 63010D  | Red Wash Unit PA "D" Gas             |
| 4304736982 | RW 04-25B (MV)            | NWSW    | 25      | 7S       | 23E   | UINTAH   | Unit # UTU 63010D  | Red Wash Unit PA "D" Gas             |
| 4304752327 | RW 05C4-23B (MV)          | NESW    | 23      | 7S       | 23E   | UINTAH   | Unit # UTU 63010D  | Red Wash Unit PA "D" Gas             |
| 4304752320 | RW 10C1-23B (MV)          | NESW    | 23      | 7S       | 23E   | UINTAH   | Unit # UTU 63010D  | Red Wash Unit PA "D" Gas             |
| 4304752317 | RW 10C4-23B (MV)          | NESW    | 23      | 7S       | 23E   | UINTAH   | Unit # UTU 63010D  | Red Wash Unit PA "D" Gas             |
| 4304715296 | RW 12-14B (MV)            | SWNW    | 14      | 7S       | 23E   | UINTAH   | Unit # UTU 63010D  | Red Wash Unit PA "D" Gas             |
| 4304715272 | RW 12-20B (MV)            | SWNW    | 20      | 7S       | 23E   | UINTAH   | Unit # UTU 63010D  | Red Wash Unit PA "D" Gas             |
| 4304715201 | RW 12-27B (MV)            | SWNW    | 27      | 7S       | 23E   | UINTAH   | Unit # UTU 63010D  | Red Wash Unit PA "D" Gas             |

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|------------|------------------|---------|---------|----------|-------|--------|-------------------|--------------------------|
| 4304751938 | RW 12A2-28B (MV) | NWSW    | 28      | 7S       | 23E   | UINTAH | Unit # UTU 63010D | Red Wash Unit PA "D" Gas |
| 4304752328 | RW 12B1-23B (MV) | NESW    | 23      | 7S       | 23E   | UINTAH | Unit # UTU 63010D | Red Wash Unit PA "D" Gas |
| 4304752332 | RW 12B4-23B (MV) | NESW    | 23      | 7S       | 23E   | UINTAH | Unit # UTU 63010D | Red Wash Unit PA "D" Gas |
| 4304752234 | RW 12B4-27B (MV) | NWSW    | 27      | 7S       | 23E   | UINTAH | Unit # UTU 63010D | Red Wash Unit PA "D" Gas |
| 4304752330 | RW 12C1-23B (MV) | NESW    | 23      | 7S       | 23E   | UINTAH | Unit # UTU 63010D | Red Wash Unit PA "D" Gas |
| 4304751903 | RW 12C3-25B (MV) | NWSW    | 25      | 7S       | 23E   | UINTAH | Unit # UTU 63010D | Red Wash Unit PA "D" Gas |
| 4304752329 | RW 12C4-23B (MV) | NESW    | 23      | 7S       | 23E   | UINTAH | Unit # UTU 63010D | Red Wash Unit PA "D" Gas |
| 4304751904 | RW 12D1-25B (MV) | NESW    | 25      | 7S       | 23E   | UINTAH | Unit # UTU 63010D | Red Wash Unit PA "D" Gas |
| 4304751905 | RW 12D4-25B (MV) | NESW    | 25      | 7S       | 23E   | UINTAH | Unit # UTU 63010D | Red Wash Unit PA "D" Gas |
| 4304752333 | RW 13B1-23B (MV) | NESW    | 23      | 7S       | 23E   | UINTAH | Unit # UTU 63010D | Red Wash Unit PA "D" Gas |
| 4304752243 | RW 13B4-18C (MV) | SWSW    | 18      | 7S       | 24E   | UINTAH | Unit # UTU 63010D | Red Wash Unit PA "D" Gas |
| 4304751939 | RW 13D2-24A (MV) | SWSW    | 24      | 7S       | 22E   | UINTAH | Unit # UTU 63010D | Red Wash Unit PA "D" Gas |
| 4304715178 | RW 14-18B (MV)   | SWSW    | 18      | 7S       | 23E   | UINTAH | Unit # UTU 63010D | Red Wash Unit PA "D" Gas |
| 4304715176 | RW 14-23A (MV)   | SWSW    | 23      | 7S       | 22E   | UINTAH | Unit # UTU 63010D | Red Wash Unit PA "D" Gas |
| 4304715165 | RW 14-23B (MV)   | SWSW    | 23      | 7S       | 23E   | UINTAH | Unit # UTU 63010D | Red Wash Unit PA "D" Gas |
| 4304715166 | RW 14-24A (MV)   | SWSW    | 24      | 7S       | 22E   | UINTAH | Unit # UTU 63010D | Red Wash Unit PA "D" Gas |
| 4304715265 | RW 14-29B (MV)   | SWSW    | 29      | 7S       | 23E   | UINTAH | Unit # UTU 63010D | Red Wash Unit PA "D" Gas |
| 4304751940 | RW 14D3-24A (MV) | SESW    | 24      | 7S       | 22E   | UINTAH | Unit # UTU 63010D | Red Wash Unit PA "D" Gas |
| 4304754669 | RW 15B4-21B      | SENE    | 28      | 7S       | 23E   | UINTAH | Unit # UTU 63010D | Red Wash Unit PA "D" Gas |
| 4304752319 | RW 15B4-23B (MV) | NESW    | 23      | 7S       | 23E   | UINTAH | Unit # UTU 63010D | Red Wash Unit PA "D" Gas |
| 4304752316 | RW 15C1-23B (MV) | NESW    | 23      | 7S       | 23E   | UINTAH | Unit # UTU 63010D | Red Wash Unit PA "D" Gas |
| 4304754668 | RW 15C4-21B      | SENE    | 28      | 7S       | 23E   | UINTAH | Unit # UTU 63010D | Red Wash Unit PA "D" Gas |
| 4304752314 | RW 15C4-23B (MV) | NESW    | 23      | 7S       | 23E   | UINTAH | Unit # UTU 63010D | Red Wash Unit PA "D" Gas |
| 4304755404 | RW 16B1-16A      | NWNE    | 21      | 7S       | 22E   | UINTAH | Unit # UTU 63010D | Red Wash Unit PA "D" Gas |
| 4304755405 | RW 16C1-16A      | NENE    | 21      | 7S       | 22E   | UINTAH | Unit # UTU 63010D | Red Wash Unit PA "D" Gas |
| 4304755414 | RW 1B1-21A       | NWNE    | 21      | 7S       | 22E   | UINTAH | Unit # UTU 63010D | Red Wash Unit PA "D" Gas |
| 4304754665 | RW 1C4-28B       | SENE    | 28      | 7S       | 23E   | UINTAH | Unit # UTU 63010D | Red Wash Unit PA "D" Gas |
| 4304715186 | RW 21-22B (MV)   | NENW    | 22      | 7S       | 23E   | UINTAH | Unit # UTU 63010D | Red Wash Unit PA "D" Gas |
| 4304715167 | RW 21-24B (MV)   | NENW    | 24      | 7S       | 23E   | UINTAH | Unit # UTU 63010D | Red Wash Unit PA "D" Gas |
| 4304715191 | RW 21-27B (MV)   | NENW    | 27      | 7S       | 23E   | UINTAH | Unit # UTU 63010D | Red Wash Unit PA "D" Gas |
| 4304715260 | RW 22-22B (MV)   | SENW    | 22      | 7S       | 23E   | UINTAH | Unit # UTU 63010D | Red Wash Unit PA "D" Gas |
| 4304715157 | RW 23-13B (MV)   | NESW    | 13      | 7S       | 23E   | UINTAH | Unit # UTU 63010D | Red Wash Unit PA "D" Gas |
| 4304715290 | RW 23-26B (MV)   | NESW    | 26      | 7S       | 23E   | UINTAH | Unit # UTU 63010D | Red Wash Unit PA "D" Gas |
| 4304715237 | RW 23-28B (MV)   | NESW    | 28      | 7S       | 23E   | UINTAH | Unit # UTU 63010D | Red Wash Unit PA "D" Gas |
| 4304751722 | RW 23A-28B (MV)  | SESW    | 28      | 7S       | 23E   | UINTAH | Unit # UTU 63010D | Red Wash Unit PA "D" Gas |
| 4304753307 | RW 24-14AGR      | SESW    | 14      | 7S       | 22E   | UINTAH | Unit # UTU 63010D | Red Wash Unit PA "D" Gas |
| 4304730518 | RW 24-26B (MV)   | SESW    | 26      | 7S       | 23E   | UINTAH | Unit # UTU 63010D | Red Wash Unit PA "D" Gas |



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| 4304752324 | RW 2B1-26B (MV)  | NESW    | 23      | 7S       | 23E   | UINTAH | Unit # UTU 63010D | Red Wash Unit PA "D" Gas |
| 4304754667 | RW 2C4-28B       | SENE    | 28      | 7S       | 23E   | UINTAH | Unit # UTU 63010D | Red Wash Unit PA "D" Gas |
| 4304751724 | RW 31-20B (MV)   | NWNE    | 20      | 7S       | 23E   | UINTAH | Unit # UTU 63010D | Red Wash Unit PA "D" Gas |
| 4304715283 | RW 31-28B (MV)   | NWNE    | 28      | 7S       | 23E   | UINTAH | Unit # UTU 63010D | Red Wash Unit PA "D" Gas |
| 4304715139 | RW 32-22B (MV)   | SWNE    | 22      | 7S       | 23E   | UINTAH | Unit # UTU 63010D | Red Wash Unit PA "D" Gas |
| 4304751788 | RW 32-25A (MV)   | SWNE    | 25      | 7S       | 22E   | UINTAH | Unit # UTU 63010D | Red Wash Unit PA "D" Gas |
| 4304715275 | RW 32-26B (MV)   | SWNE    | 26      | 7S       | 23E   | UINTAH | Unit # UTU 63010D | Red Wash Unit PA "D" Gas |
| 4304751723 | RW 32-29B (MV)   | SWNE    | 29      | 7S       | 23E   | UINTAH | Unit # UTU 63010D | Red Wash Unit PA "D" Gas |
| 4304730521 | RW 33-26B (MV)   | NWSE    | 26      | 7S       | 23E   | UINTAH | Unit # UTU 63010D | Red Wash Unit PA "D" Gas |
| 4304715152 | RW 34-14B (MV)   | SWSE    | 14      | 7S       | 23E   | UINTAH | Unit # UTU 63010D | Red Wash Unit PA "D" Gas |
| 4304753299 | RW 34-20BGR      | SWSE    | 20      | 7S       | 23E   | UINTAH | Unit # UTU 63010D | Red Wash Unit PA "D" Gas |
| 4304715158 | RW 34-22B (MV)   | SWSE    | 22      | 7S       | 23E   | UINTAH | Unit # UTU 63010D | Red Wash Unit PA "D" Gas |
| 4304751720 | RW 34-24B (MV)   | SWSE    | 24      | 7S       | 23E   | UINTAH | Unit # UTU 63010D | Red Wash Unit PA "D" Gas |
| 4304715148 | RW 34-26B (MV)   | SWSE    | 26      | 7S       | 23E   | UINTAH | Unit # UTU 63010D | Red Wash Unit PA "D" Gas |
| 4304739445 | RW 34-27 ADR (M) | SWSE    | 27      | 7S       | 22E   | UINTAH | Unit # UTU 63010D | Red Wash Unit PA "D" Gas |
| 4304736351 | RW 34-34AD (W)   | SWSE    | 34      | 7S       | 22E   | UINTAH | Unit # UTU 63010D | Red Wash Unit PA "D" Gas |
| 4304716498 | RW 41-14B (MV)   | NENE    | 14      | 7S       | 23E   | UINTAH | Unit # UTU 63010D | Red Wash Unit PA "D" Gas |
| 4304716495 | RW 41-15B (MV)   | NENE    | 15      | 7S       | 23E   | UINTAH | Unit # UTU 63010D | Red Wash Unit PA "D" Gas |
| 4304736818 | RW 41-26AG (MV)  | NENE    | 26      | 7S       | 22E   | UINTAH | Unit # UTU 63010D | Red Wash Unit PA "D" Gas |
| 4304753682 | RW 42-25AGR      | SENE    | 25      | 7S       | 22E   | UINTAH | Unit # UTU 63010D | Red Wash Unit PA "D" Gas |
| 4304731051 | RW 42-27B (MV)   | SENE    | 27      | 7S       | 23E   | UINTAH | Unit # UTU 63010D | Red Wash Unit PA "D" Gas |
| 4304731682 | RW 43-15B (MV)   | NESE    | 15      | 7S       | 23E   | UINTAH | Unit # UTU 63010D | Red Wash Unit PA "D" Gas |
| 4304751721 | RW 43-20B (MV)   | NESE    | 20      | 7S       | 23E   | UINTAH | Unit # UTU 63010D | Red Wash Unit PA "D" Gas |
| 4304716475 | RW 43-28B (MV)   | NESE    | 28      | 7S       | 23E   | UINTAH | Unit # UTU 63010D | Red Wash Unit PA "D" Gas |
| 4304715236 | RW 43-29A (MV)   | NESE    | 29      | 7S       | 22E   | UINTAH | Unit # UTU 63010D | Red Wash Unit PA "D" Gas |
| 4304736349 | RW 44-08FG (MV)  | SESE    | 8       | 8S       | 24E   | UINTAH | Unit # UTU 63010D | Red Wash Unit PA "D" Gas |
| 4304715206 | RW 44-14B (MV)   | SESE    | 14      | 7S       | 23E   | UINTAH | Unit # UTU 63010D | Red Wash Unit PA "D" Gas |
| 4304751719 | RW 44-25B (MV)   | SESE    | 25      | 7S       | 23E   | UINTAH | Unit # UTU 63010D | Red Wash Unit PA "D" Gas |
| 4304731053 | RW 44-27B (MV)   | SESE    | 27      | 7S       | 23E   | UINTAH | Unit # UTU 63010D | Red Wash Unit PA "D" Gas |
| 4304752311 | RW 5B4-23B       | NESW    | 23      | 7S       | 23E   | UINTAH | Unit # UTU 63010D | Red Wash Unit PA "D" Gas |
| 4304752312 | RW 5C1-23B (MV)  | NESW    | 23      | 7S       | 23E   | UINTAH | Unit # UTU 63010D | Red Wash Unit PA "D" Gas |
| 4304752242 | RW 5D2-26B (MV)  | SWNW    | 26      | 7S       | 23E   | UINTAH | Unit # UTU 63010D | Red Wash Unit PA "D" Gas |
| 4304754666 | RW 7B4-28B (MV)  | SENE    | 28      | 7S       | 23E   | UINTAH | Unit # UTU 63010D | Red Wash Unit PA "D" Gas |
| 4304754664 | RW 7C4-28B       | SENE    | 28      | 7S       | 23E   | UINTAH | Unit # UTU 63010D | Red Wash Unit PA "D" Gas |
| 4304755402 | RW 8B1-21A       | NWNE    | 21      | 7S       | 22E   | UINTAH | Unit # UTU 63010D | Red Wash Unit PA "D" Gas |
| 4304754662 | RW 8B4-28B       | SENE    | 28      | 7S       | 23E   | UINTAH | Unit # UTU 63010D | Red Wash Unit PA "D" Gas |
| 4304755401 | RW 8C1-21A       | NWNE    | 21      | 7S       | 22E   | UINTAH | Unit # UTU 63010D | Red Wash Unit PA "D" Gas |

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| 4304752240 | RW 8C1-30B (MV)  | SENE    | 30      | 7S       | 23E   | UINTAH | Unit # UTU 63010D | Red Wash Unit PA "D" Gas |
| 4304754663 | RW 8C4-28B       | SENE    | 28      | 7S       | 23E   | UINTAH | Unit # UTU 63010D | Red Wash Unit PA "D" Gas |
| 4304755406 | RW 9B1-21A       | NWNE    | 21      | 7S       | 22E   | UINTAH | Unit # UTU 63010D | Red Wash Unit PA "D" Gas |
| 4304755303 | RW 9C1-16A       | NWNE    | 21      | 7S       | 22E   | UINTAH | Unit # UTU 63010D | Red Wash Unit PA "D" Gas |
| 4304752237 | RW 9C1-24B (MV)  | NESE    | 24      | 7S       | 23E   | UINTAH | Unit # UTU 63010D | Red Wash Unit PA "D" Gas |
| 4304752238 | RW 9C1-26B (MV)  | NESE    | 26      | 7S       | 23E   | UINTAH | Unit # UTU 63010D | Red Wash Unit PA "D" Gas |
| 4304735671 | RWU 14-34AMU (W) | SWSW    | 34      | 7S       | 22E   | UINTAH | Unit # UTU 63010D | Red Wash Unit PA "D" Gas |
| 4304715145 | RW 32-17C (MV)   | SWNE    | 17      | 7S       | 24E   | UINTAH | Unit # UTU 63010D | Red Wash Unit PA "D" Gas |
| 4304752315 | RW 15B1-23B (MV) | NESW    | 23      | 7S       | 23E   | UINTAH | Unit # UTU 63010D | Red Wash Unit PA "D" Gas |
| 4304715196 | RW 12-13B (MV)   | SWNW    | 13      | 7S       | 23E   | UINTAH | Unit # UTU 63010D | Red Wash Unit PA "D" Gas |
| 4304715153 | RW 23-22B (MV)   | NESW    | 22      | 7S       | 23E   | UINTAH | Unit # UTU 63010D | Red Wash Unit PA "D" Gas |
| 4304715230 | RW 32-28A (MV)   | SWNE    | 28      | 7S       | 22E   | UINTAH | Unit # UTU 63010D | Red Wash Unit PA "D" Gas |
| 4304715268 | RW 32-30B (MV)   | SWNE    | 30      | 7S       | 23E   | UINTAH | Unit # UTU 63010D | Red Wash Unit PA "D" Gas |
| 4304731476 | RW 33-23B (MV)   | NWSE    | 23      | 7S       | 23E   | UINTAH | Unit # UTU 63010D | Red Wash Unit PA "D" Gas |
| 4304715205 | RW 41-27A (MV)   | NENE    | 27      | 7S       | 22E   | UINTAH | Unit # UTU 63010D | Red Wash Unit PA "D" Gas |
| 4304731478 | RW 42-21B (MV)   | SENE    | 21      | 7S       | 23E   | UINTAH | Unit # UTU 63010D | Red Wash Unit PA "D" Gas |
| 4304731576 | RW 42-23B (MV)   | SENE    | 23      | 7S       | 23E   | UINTAH | Unit # UTU 63010D | Red Wash Unit PA "D" Gas |
| 4304715155 | RW 43-22B (MV)   | NESE    | 22      | 7S       | 23E   | UINTAH | Unit # UTU 63010D | Red Wash Unit PA "D" Gas |
| 4304730520 | RW 44-26B (MV)   | SESE    | 26      | 7S       | 23E   | UINTAH | Unit # UTU 63010D | Red Wash Unit PA "D" Gas |
| 4304735098 | RWU 34-22C (GR)  | SWSE    | 22      | 7S       | 24E   | UINTAH | Unit # UTU 63010O | Red Wash Unit PA "O" Oil |
| 4304715169 | RW 21-29C (GR)   | NENW    | 29      | 7S       | 24E   | UINTAH | Unit # UTU 63010O | Red Wash Unit PA "O" Oil |
| 4304730348 | RW 23-19C (GR)   | NESW    | 19      | 7S       | 24E   | UINTAH | Unit # UTU 63010O | Red Wash Unit PA "O" Oil |
| 4304732629 | RW 23-23C (GR)   | NESW    | 23      | 7S       | 24E   | UINTAH | Unit # UTU 63010O | Red Wash Unit PA "O" Oil |
| 4304715302 | RW 32-28C (GR)   | SWNE    | 28      | 7S       | 24E   | UINTAH | Unit # UTU 63010O | Red Wash Unit PA "O" Oil |
| 4304715171 | RW 32-33C (GR)   | SWNE    | 33      | 7S       | 24E   | UINTAH | Unit # UTU 63010O | Red Wash Unit PA "O" Oil |
| 4304720014 | RW 41-8F (GR)    | NENE    | 8       | 8S       | 24E   | UINTAH | Unit # UTU 63010O | Red Wash Unit PA "O" Oil |
| 4304735045 | RWU 34-27C (GR)  | SWSE    | 27      | 7S       | 24E   | UINTAH | Unit # UTU 63010O | Red Wash Unit PA "O" Oil |
| 4304731477 | RW 11-24B (GR)   | NWNW    | 24      | 7S       | 23E   | UINTAH | Unit # UTU 63010O | Red Wash Unit PA "O" Oil |
| 4304753302 | RW 11-26A (GR)   | NWNW    | 26      | 7S       | 22E   | UINTAH | Unit # UTU 63010O | Red Wash Unit PA "O" Oil |
| 4304753311 | RW 11-27AGR      | NWNW    | 27      | 7S       | 22E   | UINTAH | Unit # UTU 63010O | Red Wash Unit PA "O" Oil |
| 4304715170 | RW 12-17B (GR)   | SWNW    | 17      | 7S       | 23E   | UINTAH | Unit # UTU 63010O | Red Wash Unit PA "O" Oil |
| 4304715183 | RW 12-18C (GR)   | SWNW    | 18      | 7S       | 24E   | UINTAH | Unit # UTU 63010O | Red Wash Unit PA "O" Oil |
| 4304715213 | RW 12-22A (GR)   | SWNW    | 22      | 7S       | 22E   | UINTAH | Unit # UTU 63010O | Red Wash Unit PA "O" Oil |
| 4304715218 | RW 12-22B (GR)   | SWNW    | 22      | 7S       | 23E   | UINTAH | Unit # UTU 63010O | Red Wash Unit PA "O" Oil |
| 4304715274 | RW 12-28B (GR)   | SWNW    | 28      | 7S       | 23E   | UINTAH | Unit # UTU 63010O | Red Wash Unit PA "O" Oil |
| 4304731517 | RW 13-24B (GR)   | NWSW    | 24      | 7S       | 23E   | UINTAH | Unit # UTU 63010O | Red Wash Unit PA "O" Oil |
| 4304715246 | RW 14-15B (GR)   | SWSW    | 15      | 7S       | 23E   | UINTAH | Unit # UTU 63010O | Red Wash Unit PA "O" Oil |



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| 4304732738 | RW 14-17B (GR) | SWSW    | 17      | 7S       | 23E   | UINTAH | Unit # UTU 630100 | Red Wash Unit PA "O" Oil |
| 4304730341 | RW 14-25B (GR) | SWSW    | 25      | 7S       | 23E   | UINTAH | Unit # UTU 630100 | Red Wash Unit PA "O" Oil |
| 4304715202 | RW 14-27B (GR) | SWSW    | 27      | 7S       | 23E   | UINTAH | Unit # UTU 630100 | Red Wash Unit PA "O" Oil |
| 4304715199 | RW 21-13B (GR) | NENW    | 13      | 7S       | 23E   | UINTAH | Unit # UTU 630100 | Red Wash Unit PA "O" Oil |
| 4304715193 | RW 21-18C (GR) | NENW    | 18      | 7S       | 24E   | UINTAH | Unit # UTU 630100 | Red Wash Unit PA "O" Oil |
| 4304715233 | RW 21-19B (GR) | NENW    | 19      | 7S       | 23E   | UINTAH | Unit # UTU 630100 | Red Wash Unit PA "O" Oil |
| 4304730340 | RW 21-19C (GR) | NENW    | 19      | 7S       | 24E   | UINTAH | Unit # UTU 630100 | Red Wash Unit PA "O" Oil |
| 4304733592 | RW 21-24A (GR) | NENW    | 24      | 7S       | 22E   | UINTAH | Unit # UTU 630100 | Red Wash Unit PA "O" Oil |
| 4304733576 | RW 21-25A (GR) | NENW    | 25      | 7S       | 22E   | UINTAH | Unit # UTU 630100 | Red Wash Unit PA "O" Oil |
| 4304715227 | RW 21-28B (GR) | NENW    | 28      | 7S       | 23E   | UINTAH | Unit # UTU 630100 | Red Wash Unit PA "O" Oil |
| 4304730258 | RW 21-34B (GR) | NENW    | 34      | 7S       | 23E   | UINTAH | Unit # UTU 630100 | Red Wash Unit PA "O" Oil |
| 4304730345 | RW 22-14B (GR) | SENW    | 14      | 7S       | 23E   | UINTAH | Unit # UTU 630100 | Red Wash Unit PA "O" Oil |
| 4304730387 | RW 22-18C (GR) | SENW    | 18      | 7S       | 24E   | UINTAH | Unit # UTU 630100 | Red Wash Unit PA "O" Oil |
| 4304733559 | RW 22-19B (GR) | SENW    | 19      | 7S       | 23E   | UINTAH | Unit # UTU 630100 | Red Wash Unit PA "O" Oil |
| 4304733491 | RW 22-20B (GR) | SENW    | 20      | 7S       | 23E   | UINTAH | Unit # UTU 630100 | Red Wash Unit PA "O" Oil |
| 4304733786 | RW 22-25A (GR) | SENW    | 25      | 7S       | 22E   | UINTAH | Unit # UTU 630100 | Red Wash Unit PA "O" Oil |
| 4304715192 | RW 23-22A (GR) | NESW    | 22      | 7S       | 22E   | UINTAH | Unit # UTU 630100 | Red Wash Unit PA "O" Oil |
| 4304715228 | RW 23-23A (GR) | NESW    | 23      | 7S       | 22E   | UINTAH | Unit # UTU 630100 | Red Wash Unit PA "O" Oil |
| 4304733567 | RW 23-24A (GR) | NESW    | 24      | 7S       | 22E   | UINTAH | Unit # UTU 630100 | Red Wash Unit PA "O" Oil |
| 4304715239 | RW 24-14B (GR) | SESW    | 14      | 7S       | 23E   | UINTAH | Unit # UTU 630100 | Red Wash Unit PA "O" Oil |
| 4304731579 | RW 24-15B (GR) | SESW    | 15      | 7S       | 23E   | UINTAH | Unit # UTU 630100 | Red Wash Unit PA "O" Oil |
| 4304733554 | RW 24-18B (GR) | SESW    | 18      | 7S       | 23E   | UINTAH | Unit # UTU 630100 | Red Wash Unit PA "O" Oil |
| 4304731582 | RW 24-18C (GR) | SESW    | 18      | 7S       | 24E   | UINTAH | Unit # UTU 630100 | Red Wash Unit PA "O" Oil |
| 4304733492 | RW 24-19B (GR) | SESW    | 19      | 7S       | 23E   | UINTAH | Unit # UTU 630100 | Red Wash Unit PA "O" Oil |
| 4304733523 | RW 24-20B (GR) | SESW    | 20      | 7S       | 23E   | UINTAH | Unit # UTU 630100 | Red Wash Unit PA "O" Oil |
| 4304715255 | RW 24-22B (GR) | SESW    | 22      | 7S       | 23E   | UINTAH | Unit # UTU 630100 | Red Wash Unit PA "O" Oil |
| 4304753305 | RW 31-31B (GR) | NWNE    | 31      | 7S       | 23E   | UINTAH | Unit # UTU 630100 | Red Wash Unit PA "O" Oil |
| 4304715150 | RW 32-14B (GR) | SWNE    | 14      | 7S       | 23E   | UINTAH | Unit # UTU 630100 | Red Wash Unit PA "O" Oil |
| 4304715270 | RW 32-15B (GR) | SWNE    | 15      | 7S       | 23E   | UINTAH | Unit # UTU 630100 | Red Wash Unit PA "O" Oil |
| 4304732981 | RW 32-17B (GR) | SWNE    | 17      | 7S       | 23E   | UINTAH | Unit # UTU 630100 | Red Wash Unit PA "O" Oil |
| 4304733018 | RW 32-18B (GR) | SWNE    | 18      | 7S       | 23E   | UINTAH | Unit # UTU 630100 | Red Wash Unit PA "O" Oil |
| 4304715198 | RW 32-18C (GR) | SWNE    | 18      | 7S       | 24E   | UINTAH | Unit # UTU 630100 | Red Wash Unit PA "O" Oil |
| 4304715226 | RW 32-21B (GR) | SWNE    | 21      | 7S       | 23E   | UINTAH | Unit # UTU 630100 | Red Wash Unit PA "O" Oil |
| 4304715156 | RW 32-23B (GR) | SWNE    | 23      | 7S       | 23E   | UINTAH | Unit # UTU 630100 | Red Wash Unit PA "O" Oil |
| 4304715229 | RW 32-24A (GR) | SWNE    | 24      | 7S       | 22E   | UINTAH | Unit # UTU 630100 | Red Wash Unit PA "O" Oil |
| 4304730313 | RW 32-24B (GR) | SWNE    | 24      | 7S       | 23E   | UINTAH | Unit # UTU 630100 | Red Wash Unit PA "O" Oil |
| 4304715200 | RW 32-28B (GR) | SWNE    | 28      | 7S       | 23E   | UINTAH | Unit # UTU 630100 | Red Wash Unit PA "O" Oil |



| API Number | Well Name        | Qtr/Qtr | Section | Township | Range | County | Lease or Unit #   | Name of Unit or Lease    |
|------------|------------------|---------|---------|----------|-------|--------|-------------------|--------------------------|
| 4304715257 | RW 33-14B (GR)   | NWSE    | 14      | 7S       | 23E   | UINTAH | Unit # UTU 630100 | Red Wash Unit PA "O" Oil |
| 4304715222 | RW 34-15B (GR)   | SWSE    | 15      | 7S       | 23E   | UINTAH | Unit # UTU 630100 | Red Wash Unit PA "O" Oil |
| 4304731819 | RW 34-17B (GR)   | SWSE    | 17      | 7S       | 23E   | UINTAH | Unit # UTU 630100 | Red Wash Unit PA "O" Oil |
| 4304730314 | RW 34-18C (GR)   | SWSE    | 18      | 7S       | 24E   | UINTAH | Unit # UTU 630100 | Red Wash Unit PA "O" Oil |
| 4304715220 | RW 34-21B (GR)   | SWSE    | 21      | 7S       | 23E   | UINTAH | Unit # UTU 630100 | Red Wash Unit PA "O" Oil |
| 4304715136 | RW 34-23B (GR)   | SWSE    | 23      | 7S       | 23E   | UINTAH | Unit # UTU 630100 | Red Wash Unit PA "O" Oil |
| 4304715288 | RW 34-30B (GR)   | SWSE    | 30      | 7S       | 23E   | UINTAH | Unit # UTU 630100 | Red Wash Unit PA "O" Oil |
| 4304715138 | RW 41-23B (GR)   | NENE    | 23      | 7S       | 23E   | UINTAH | Unit # UTU 630100 | Red Wash Unit PA "O" Oil |
| 4304733769 | RW 41-24AX (GR)  | NENE    | 24      | 7S       | 22E   | UINTAH | Unit # UTU 630100 | Red Wash Unit PA "O" Oil |
| 4304733579 | RW 41-25AX (GR)  | NENE    | 25      | 7S       | 22E   | UINTAH | Unit # UTU 630100 | Red Wash Unit PA "O" Oil |
| 4304715243 | RW 41-29A (GR)   | NENE    | 29      | 7S       | 22E   | UINTAH | Unit # UTU 630100 | Red Wash Unit PA "O" Oil |
| 4304715254 | RW 41-30B (GR)   | NENE    | 30      | 7S       | 23E   | UINTAH | Unit # UTU 630100 | Red Wash Unit PA "O" Oil |
| 4304715203 | RW 41-31B (GR)   | NENE    | 31      | 7S       | 23E   | UINTAH | Unit # UTU 630100 | Red Wash Unit PA "O" Oil |
| 4304730346 | RW 42-13B (GR)   | SENE    | 13      | 7S       | 23E   | UINTAH | Unit # UTU 630100 | Red Wash Unit PA "O" Oil |
| 4304715264 | RW 42-14B (GR)   | SENE    | 14      | 7S       | 23E   | UINTAH | Unit # UTU 630100 | Red Wash Unit PA "O" Oil |
| 4304733490 | RW 42-20B (GR)   | SENE    | 20      | 7S       | 23E   | UINTAH | Unit # UTU 630100 | Red Wash Unit PA "O" Oil |
| 4304715211 | RW 43-21B (GR)   | NESE    | 21      | 7S       | 23E   | UINTAH | Unit # UTU 630100 | Red Wash Unit PA "O" Oil |
| 4304715140 | RW 43-23B (GR)   | NESE    | 23      | 7S       | 23E   | UINTAH | Unit # UTU 630100 | Red Wash Unit PA "O" Oil |
| 4304733594 | RW 44-18B (GR)   | SESE    | 18      | 7S       | 23E   | UINTAH | Unit # UTU 630100 | Red Wash Unit PA "O" Oil |
| 4304731054 | RW 44-23B (GR)   | SESE    | 23      | 7S       | 23E   | UINTAH | Unit # UTU 630100 | Red Wash Unit PA "O" Oil |
| 4304753648 | RW 44-25A (GR)   | SESE    | 25      | 7S       | 22E   | UINTAH | Unit # UTU 630100 | Red Wash Unit PA "O" Oil |
| 4304735670 | RWU 32-27AG (GR) | SWNE    | 27      | 7S       | 22E   | UINTAH | Unit # UTU 630100 | Red Wash Unit PA "O" Oil |
| 4304735668 | RWU 34-23AG (GR) | SWSE    | 23      | 7S       | 22E   | UINTAH | Unit # UTU 630100 | Red Wash Unit PA "O" Oil |
| 4304730388 | RW 22-17C (GR)   | SENE    | 17      | 7S       | 24E   | UINTAH | Unit # UTU 630100 | Red Wash Unit PA "O" Oil |
| 4304730149 | RW 44-21C (GR)   | SESE    | 21      | 7S       | 24E   | UINTAH | Unit # UTU 630100 | Red Wash Unit PA "O" Oil |
| 4304731079 | RW 11-35B (GR)   | NWNW    | 35      | 7S       | 23E   | UINTAH | Unit # UTU 630100 | Red Wash Unit PA "O" Oil |
| 4304715238 | RW 13-13B (GR)   | NWSW    | 13      | 7S       | 23E   | UINTAH | Unit # UTU 630100 | Red Wash Unit PA "O" Oil |
| 4304753310 | RW 13-17B (GR)   | NWSW    | 17      | 7S       | 23E   | UINTAH | Unit # UTU 630100 | Red Wash Unit PA "O" Oil |
| 4304753300 | RW 22-17BGR      | SENE    | 17      | 7S       | 23E   | UINTAH | Unit # UTU 630100 | Red Wash Unit PA "O" Oil |
| 4304753445 | RW 22-18B (GR)   | SENE    | 18      | 7S       | 23E   | UINTAH | Unit # UTU 630100 | Red Wash Unit PA "O" Oil |
| 4304731082 | RW 22-35B (GR)   | SENE    | 35      | 7S       | 23E   | UINTAH | Unit # UTU 630100 | Red Wash Unit PA "O" Oil |
| 4304715305 | RW 23-25A (GR)   | NESW    | 25      | 7S       | 22E   | UINTAH | Unit # UTU 630100 | Red Wash Unit PA "O" Oil |
| 4304715163 | RW 32-13B (GR)   | SWNE    | 13      | 7S       | 23E   | UINTAH | Unit # UTU 630100 | Red Wash Unit PA "O" Oil |
| 4304715189 | RW 34-18B (GR)   | SWSE    | 18      | 7S       | 23E   | UINTAH | Unit # UTU 630100 | Red Wash Unit PA "O" Oil |
| 4304715294 | RW 41-33A (GR)   | NENE    | 33      | 7S       | 22E   | UINTAH | Unit # UTU 630100 | Red Wash Unit PA "O" Oil |
| 4304715250 | RW 41-34B (GR)   | NENE    | 34      | 7S       | 23E   | UINTAH | Unit # UTU 630100 | Red Wash Unit PA "O" Oil |
| 4304733524 | RW 44-19B (GR)   | SESE    | 19      | 7S       | 23E   | UINTAH | Unit # UTU 630100 | Red Wash Unit PA "O" Oil |

| API Number | Well Name      | Qtr/Qtr | Section | Township | Range | County | Lease or Unit #   | Name of Unit or Lease    |
|------------|----------------|---------|---------|----------|-------|--------|-------------------|--------------------------|
| 4304733525 | RW 44-20B (GR) | SESE    | 20      | 7S       | 23E   | UINTAH | Unit # UTU 630100 | Red Wash Unit PA "O" Oil |
| 4304733772 | RW 44-30B (GR) | SESE    | 30      | 7S       | 23E   | UINTAH | Unit # UTU 630100 | Red Wash Unit PA "O" Oil |
| 4304733553 | RW 11-20B      | NWNW    | 20      | 7S       | 23E   | UINTAH | Unit # UTU 630100 | Red Wash Unit PA "O" Oil |
| 4304733590 | RW 11-29B      | NWNW    | 29      | 7S       | 23E   | UINTAH | Unit # UTU 630100 | Red Wash Unit PA "O" Oil |
| 4304731052 | RW 11-36B      | NWNW    | 36      | 7S       | 23E   | UINTAH | Unit # UTU 630100 | Red Wash Unit PA "O" Oil |
| 4304733591 | RW 12-24A      | SWNW    | 24      | 7S       | 22E   | UINTAH | Unit # UTU 630100 | Red Wash Unit PA "O" Oil |
| 4304715144 | RW 14-13B      | SWSW    | 13      | 7S       | 23E   | UINTAH | Unit # UTU 630100 | Red Wash Unit PA "O" Oil |
| 4304716497 | RW 14-21B      | SWSW    | 21      | 7S       | 23E   | UINTAH | Unit # UTU 630100 | Red Wash Unit PA "O" Oil |
| 4304716472 | RW 14-24B      | SWSW    | 24      | 7S       | 23E   | UINTAH | Unit # UTU 630100 | Red Wash Unit PA "O" Oil |
| 4304732739 | RW 23-17B      | NESW    | 17      | 7S       | 23E   | UINTAH | Unit # UTU 630100 | Red Wash Unit PA "O" Oil |
| 4304715289 | RW 33-13B      | NWSE    | 13      | 7S       | 23E   | UINTAH | Unit # UTU 630100 | Red Wash Unit PA "O" Oil |
| 4304733593 | RW 34-13A      | SWSE    | 13      | 7S       | 22E   | UINTAH | Unit # UTU 630100 | Red Wash Unit PA "O" Oil |
| 4304716473 | RW 41-27B (GR) | NENE    | 27      | 7S       | 23E   | UINTAH | Unit # UTU 630100 | Red Wash Unit PA "O" Oil |
| 4304732980 | RW 43-17B      | NESE    | 17      | 7S       | 23E   | UINTAH | Unit # UTU 630100 | Red Wash Unit PA "O" Oil |
| 4304732982 | RW 43-18B      | NESE    | 18      | 7S       | 23E   | UINTAH | Unit # UTU 630100 | Red Wash Unit PA "O" Oil |
| 4304730103 | RW 21-27A      | NENW    | 27      | 7S       | 22E   | UINTAH | Unit # UTU 630100 | Red Wash Unit PA "O" Oil |
| 4304753442 | RW 31-24A (GR) | NWNE    | 24      | 7S       | 22E   | UINTAH | Unit # UTU 630100 | Red Wash Unit PA "O" Oil |
| 4304730342 | RW 32-35B (GR) | SWNE    | 35      | 7S       | 23E   | UINTAH | Unit # UTU 630100 | Red Wash Unit PA "O" Oil |
| 4304753303 | RW 33-23A (GR) | NWSE    | 23      | 7S       | 22E   | UINTAH | Unit # UTU 630100 | Red Wash Unit PA "O" Oil |
| 4304753439 | RW 34-14AGR    | SWSE    | 14      | 7S       | 22E   | UINTAH | Unit # UTU 630100 | Red Wash Unit PA "O" Oil |
| 4304730458 | RW 34-22A      | SWSE    | 22      | 7S       | 22E   | UINTAH | Unit # UTU 630100 | Red Wash Unit PA "O" Oil |
| 4304720060 | RW 41-33B      | NENE    | 33      | 7S       | 23E   | UINTAH | Unit # UTU 630100 | Red Wash Unit PA "O" Oil |
| 4304753680 | RW 43-27AGR    | NESE    | 27      | 7S       | 22E   | UINTAH | Unit # UTU 630100 | Red Wash Unit PA "O" Oil |
| 4304733785 | RW 11-30B      | NWNW    | 30      | 7S       | 23E   | UINTAH | Unit # UTU 630100 | Red Wash Unit PA "O" Oil |
| 4304733497 | RW 13-19B      | NWSW    | 19      | 7S       | 23E   | UINTAH | Unit # UTU 630100 | Red Wash Unit PA "O" Oil |
| 4304733498 | RW 13-20B      | NWSW    | 20      | 7S       | 23E   | UINTAH | Unit # UTU 630100 | Red Wash Unit PA "O" Oil |
| 4304715261 | RW 13-22B      | NWSW    | 22      | 7S       | 23E   | UINTAH | Unit # UTU 630100 | Red Wash Unit PA "O" Oil |
| 4304715281 | RW 21-20B      | NENW    | 20      | 7S       | 23E   | UINTAH | Unit # UTU 630100 | Red Wash Unit PA "O" Oil |
| 4304715161 | RW 23-14B      | NESW    | 14      | 7S       | 23E   | UINTAH | Unit # UTU 630100 | Red Wash Unit PA "O" Oil |
| 4304715267 | RW 23-15B      | NESW    | 15      | 7S       | 23E   | UINTAH | Unit # UTU 630100 | Red Wash Unit PA "O" Oil |
| 4304715210 | RW 23-18B      | NESW    | 18      | 7S       | 23E   | UINTAH | Unit # UTU 630100 | Red Wash Unit PA "O" Oil |
| 4304733555 | RW 31-19B      | NWNE    | 19      | 7S       | 23E   | UINTAH | Unit # UTU 630100 | Red Wash Unit PA "O" Oil |
| 4304716479 | RW 33-22B      | NWSE    | 22      | 7S       | 23E   | UINTAH | Unit # UTU 630100 | Red Wash Unit PA "O" Oil |
| 4304733790 | RW 33-30B      | NWSE    | 30      | 7S       | 23E   | UINTAH | Unit # UTU 630100 | Red Wash Unit PA "O" Oil |
| 4304715146 | RW 41-20B      | NENE    | 20      | 7S       | 23E   | UINTAH | Unit # UTU 630100 | Red Wash Unit PA "O" Oil |
| 4304715221 | RW 41-24A      | SENE    | 24      | 7S       | 22E   | UINTAH | Unit # UTU 630100 | Red Wash Unit PA "O" Oil |
| 4304715219 | RW 43-21A      | NESE    | 21      | 7S       | 22E   | UINTAH | Unit # UTU 630100 | Red Wash Unit PA "O" Oil |



| API Number | Well Name                 | Qtr/Qtr | Section | Township | Range | County   | Lease or Unit #   | Name of Unit or Lease                    |
|------------|---------------------------|---------|---------|----------|-------|----------|-------------------|------------------------------------------|
| 4304730519 | RW 31-35B                 | NWNE    | 35      | 7S       | 23E   | UINTAH   | Unit # UTU 630100 | Red Wash Unit PA "O" Oil                 |
| 4304733499 | RW 33-19B                 | NWSE    | 19      | 7S       | 23E   | UINTAH   | Unit # UTU 630100 | Red Wash Unit PA "O" Oil                 |
| 4301351913 | WR 11G-5-10-17            | NESW    | 5       | 10S      | 17E   | DUCHESNE | Unit # UTU 88573A | Scylla PA "A" Green River                |
| 4301350417 | WR 9G-5-10-17             | NESE    | 5       | 10S      | 17E   | DUCHESNE | Unit # UTU 88573A | Scylla PA "A" Green River                |
| 4301332057 | WRB 16-17-10-17           | SESE    | 17      | 10S      | 17E   | DUCHESNE | Unit # UTU 88573B | Scylla PA "B" Green River                |
| 4304733615 | KENNEDY WASH 13-1         | NENE    | 13      | 8S       | 22E   | UINTAH   | Unit # UTU89161X  | South Red Wash Unit                      |
| 4304755730 | SR 32A-13H                | SWNE    | 13      | 8S       | 22E   | UINTAH   | Unit # UTU89161X  | South Red Wash Unit                      |
| 4304737991 | SSU 11G-9-8-21            | NESW    | 9       | 8S       | 21E   | UINTAH   | Unit # UTU 82151A | South Stirrup Unit - GR PA               |
| 4304736736 | SSU 8G-9-8-21             | SENE    | 9       | 8S       | 21E   | UINTAH   | Unit # UTU 82151A | South Stirrup Unit - GR PA               |
| 4304740199 | SSU 13G-4-8-21            | SWSW    | 4       | 8S       | 21E   | UINTAH   | Unit # UTU 82151A | South Stirrup Unit - GR PA               |
| 4304740159 | SSU 2G-3-8-21             | NWNE    | 3       | 8S       | 21E   | UINTAH   | Unit # UTU 82151A | South Stirrup Unit - GR PA               |
| 4304734109 | WV 15G-3-8-21             | SWSE    | 3       | 8S       | 21E   | UINTAH   | Unit # UTU 82151A | South Stirrup Unit - GR PA               |
| 4304734110 | WV 16G-3-8-21             | SESE    | 3       | 8S       | 21E   | UINTAH   | Unit # UTU 82151A | South Stirrup Unit - GR PA               |
| 4304734106 | WV 3G-10-8-21             | NENW    | 10      | 8S       | 21E   | UINTAH   | Unit # UTU 82151A | South Stirrup Unit - GR PA               |
| 4304738436 | SSU 14G-4-8-21            | SESW    | 4       | 8S       | 21E   | UINTAH   | Unit # UTU 82151A | South Stirrup Unit - GR PA               |
| 4304738415 | SSU 16G-4-8-21            | SESE    | 4       | 8S       | 21E   | UINTAH   | Unit # UTU 82151A | South Stirrup Unit - GR PA               |
| 4304737990 | SSU 2G-9-8-21             | NWNE    | 9       | 8S       | 21E   | UINTAH   | Unit # UTU 82151A | South Stirrup Unit - GR PA               |
| 4304733162 | DESERT SPRING 3-29-10-18  | NENW    | 29      | 10S      | 18E   | UINTAH   | Unit # UTU 81306X | Uteland Butte Secondary Recovery Unit    |
| 4304733712 | RB DS FEDERAL 14-17-10-18 | SESW    | 17      | 10S      | 18E   | UINTAH   | Unit # UTU 81306X | Uteland Butte Secondary Recovery Unit    |
| 4304733164 | DESERT SPRING 16-19-10-18 | SESE    | 19      | 10S      | 18E   | UINTAH   | Unit # UTU 81306X | Uteland Butte Secondary Recovery Unit    |
| 4304734134 | PENDRAGON FED 2-20-10-18  | NWNE    | 20      | 10S      | 18E   | UINTAH   | Unit # UTU 81306X | Uteland Butte Secondary Recovery Unit    |
| 4304733245 | FEDERAL 5-20-10-18        | SWNW    | 20      | 10S      | 18E   | UINTAH   | Unit # UTU 81306X | Uteland Butte Secondary Recovery Unit    |
| 4304734135 | PENDRAGON FED 9-17-10-18  | NESE    | 17      | 10S      | 18E   | UINTAH   | Unit # UTU 81306X | Uteland Butte Secondary Recovery Unit    |
| 4304733244 | DS FEDERAL 7-19-10-18     | SWNE    | 19      | 10S      | 18E   | UINTAH   | Unit # UTU 81306X | Uteland Butte Secondary Recovery Unit    |
| 4304734760 | DS FEDERAL 7-30-10-18     | SWNE    | 30      | 10S      | 18E   | UINTAH   | Unit # UTU 81306X | Uteland Butte Secondary Recovery Unit    |
| 4304739792 | WRU GB 13G-3-8-22         | SWSW    | 3       | 8S       | 22E   | UINTAH   | Unit # UTU 63021G | White River PA "A" Green River Formation |
| 4304734208 | WRU GB 4WRG-9-8-22        | NWNW    | 9       | 8S       | 22E   | UINTAH   | Unit # UTU 63021G | White River PA "A" Green River Formation |
| 4304733651 | WR 13W-3-8-22             | SWSW    | 3       | 8S       | 22E   | UINTAH   | Unit # UTU-63021E | White River PA "E" WSTC-MSVD             |
| 4304734651 | OU GB 10W-9-8-22          | NWSE    | 9       | 8S       | 22E   | UINTAH   | Unit # UTU-63021F | White River PA "F" (WS-MSVD)             |
| 4304734649 | OU GB 14W-9-8-22          | SESW    | 9       | 8S       | 22E   | UINTAH   | Unit # UTU-63021F | White River PA "F" (WS-MSVD)             |
| 4304734679 | OU GB 16W-9-8-22          | SESE    | 9       | 8S       | 22E   | UINTAH   | Unit # UTU-63021F | White River PA "F" (WS-MSVD)             |
| 4304734010 | OU GB 6W-9-8-22           | SENE    | 9       | 8S       | 22E   | UINTAH   | Unit # UTU-63021F | White River PA "F" (WS-MSVD)             |
| 4304734753 | WRU GB 5M-9-8-22 (ML)     | SWNW    | 9       | 8S       | 22E   | UINTAH   | Unit # UTU-63021F | White River PA "F" (WS-MSVD)             |
| 4304734650 | WRU GB 9MU-9-8-22 (MU)    | NESE    | 9       | 8S       | 22E   | UINTAH   | Unit # UTU-63021F | White River PA "F" (WS-MSVD)             |
| 4304735052 | WRU EIH 2MU-35-8-22       | NWNE    | 35      | 8S       | 22E   | UINTAH   | Unit # UTU 63021B | White River South PA "B"                 |
| 4304734708 | WRU EIH 11W-35-8-22       | NESW    | 35      | 8S       | 22E   | UINTAH   | Unit # UTU 63021B | White River South PA "B"                 |
| 4304733393 | WRU EIH 12W-35-8-22       | NWSW    | 35      | 8S       | 22E   | UINTAH   | Unit # UTU 63021B | White River South PA "B"                 |

| API Number | Well Name                   | Qtr/Qtr | Section | Township | Range | County | Lease or Unit #                       | Name of Unit or Lease            |
|------------|-----------------------------|---------|---------|----------|-------|--------|---------------------------------------|----------------------------------|
| 4304735048 | WRU EIH 15MU-26-8-22 (W)    | SWSE    | 26      | 8S       | 22E   | UINTAH | Unit # UTU 63021B                     | White River South PA "B"         |
| 4304735049 | WRU EIH 1MU-35-8-22         | NENE    | 35      | 8S       | 22E   | UINTAH | Unit # UTU 63021B                     | White River South PA "B"         |
| 4304734044 | WRU EIH 3W-35-8-22          | NENW    | 35      | 8S       | 22E   | UINTAH | Unit # UTU 63021B                     | White River South PA "B"         |
| 4304734042 | WRU EIH 4W-35-8-22          | NWNW    | 35      | 8S       | 22E   | UINTAH | Unit # UTU 63021B                     | White River South PA "B"         |
| 4304734572 | WRU EIH 5W-35-8-22          | SWNW    | 35      | 8S       | 22E   | UINTAH | Unit # UTU 63021B                     | White River South PA "B"         |
| 4304735047 | WRU EIH 9MU-26-8-22 (W)     | NESE    | 26      | 8S       | 22E   | UINTAH | Unit # UTU 63021B                     | White River South PA "B"         |
| 4304733061 | WRU EIH 15-35-8-22          | SWSE    | 35      | 8S       | 22E   | UINTAH | Unit # UTU 63021B                     | White River South PA "B"         |
| 4304735046 | WRU EIH 10W-35-8-22 (MU)    | NWSE    | 35      | 8S       | 22E   | UINTAH | Unit # UTU 63021B & Lease # UTU-01089 | White River South PA "B" & Lease |
| 4304737300 | WRU EIH 11B-ML-35-8-22 (ML) | NESW    | 35      | 8S       | 22E   | UINTAH | Unit # UTU 63021B & Lease # UTU-01089 | White River South PA "B" & Lease |
| 4304735667 | WRU EIH 14MU-35-8-22 (W)    | SESW    | 35      | 8S       | 22E   | UINTAH | Unit # UTU 63021B & Lease # UTU-01089 | White River South PA "B" & Lease |
| 4304735121 | WRU EIH 15MU-35-8-22 (W)    | SWSE    | 35      | 8S       | 22E   | UINTAH | Unit # UTU 63021B & Lease # UTU-01089 | White River South PA "B" & Lease |
| 4304735194 | WRU EIH 16MU-35-8-22 (MU)   | SESE    | 35      | 8S       | 22E   | UINTAH | Unit # UTU 63021B & Lease # UTU-01089 | White River South PA "B" & Lease |
| 4304737299 | WRU EIH 6B-ML-35-8-22 (ML)  | SWNW    | 35      | 8S       | 22E   | UINTAH | Unit # UTU 63021B & Lease # UTU-01089 | White River South PA "B" & Lease |
| 4304738640 | WRU EIH 6DD-35-8-22 (DK)    | SESW    | 35      | 8S       | 22E   | UINTAH | Unit # UTU 63021B & Lease # UTU-01089 | White River South PA "B" & Lease |
| 4304734684 | WRU EIH 6W-35-8-22 (MU)     | SESW    | 35      | 8S       | 22E   | UINTAH | Unit # UTU 63021B & Lease # UTU-01089 | White River South PA "B" & Lease |
| 4304737466 | WRU EIH 7D-ML-35-8-22 (ML)  | SWNE    | 35      | 8S       | 22E   | UINTAH | Unit # UTU 63021B & Lease # UTU-01089 | White River South PA "B" & Lease |
| 4304735051 | WRU EIH 7MU-35-8-22 (W)     | SWNE    | 35      | 8S       | 22E   | UINTAH | Unit # UTU 63021B & Lease # UTU-01089 | White River South PA "B" & Lease |
| 4304735195 | WRU EIH 8MU-35-8-22 (W)     | SENE    | 35      | 8S       | 22E   | UINTAH | Unit # UTU 63021B & Lease # UTU-01089 | White River South PA "B" & Lease |
| 4304735050 | WRU EIH 9M-35-8-22 (W)      | NESE    | 35      | 8S       | 22E   | UINTAH | Unit # UTU 63021B & Lease # UTU-01089 | White River South PA "B" & Lease |
| 4304734210 | WRU 13WX-35-8-22 (M)        | SWSW    | 35      | 8S       | 22E   | UINTAH | Unit # UTU 63021B & Lease # UTU-01089 | White River South PA "B" & Lease |
| 4304735601 | WRU EIH 12MU-25-8-22 (W)    | NWSW    | 25      | 8S       | 22E   | UINTAH | Unit # UTU 63021B & Lease # UTU-0629  | White River South PA "B" & Lease |
| 4304735329 | WRU EIH 13MU-25-8-22 (W)    | SWSW    | 25      | 8S       | 22E   | UINTAH | Unit # UTU 63021B & Lease # UTU-0629  | White River South PA "B" & Lease |
| 4304735120 | WRU EIH 10MU-26-8-22 (W)    | NWSE    | 26      | 8S       | 22E   | UINTAH | Unit # UTU 63021B & Lease # UTU-0629  | White River South PA "B" & Lease |
| 4304735118 | WRU EIH 1MU-26-8-22 (W)     | NENE    | 26      | 8S       | 22E   | UINTAH | Unit # UTU 63021B & Lease # UTU-0629  | White River South PA "B" & Lease |
| 4304735192 | WRU EIH 2MU-26-8-22 (W)     | NWNE    | 26      | 8S       | 22E   | UINTAH | Unit # UTU 63021B & Lease # UTU-0629  | White River South PA "B" & Lease |
| 4304737465 | WRU EIH 3D-ML-35-8-22 (ML)  | SESW    | 35      | 8S       | 22E   | UINTAH | Unit # UTU 63021B & Lease # UTU-0629  | White River South PA "B" & Lease |
| 4304735389 | WRU EIH 3MU-25-8-22 (MU)    | NENW    | 25      | 8S       | 22E   | UINTAH | Unit # UTU 63021B & Lease # UTU-0629  | White River South PA "B" & Lease |
| 4304738636 | WRU EIH 4AD-25-8-22 (W)     | NWNW    | 25      | 8S       | 22E   | UINTAH | Unit # UTU 63021B & Lease # UTU-0629  | White River South PA "B" & Lease |
| 4304735432 | WRU EIH 5MU-25-8-22 (MU)    | SWNW    | 25      | 8S       | 22E   | UINTAH | Unit # UTU 63021B & Lease # UTU-0629  | White River South PA "B" & Lease |
| 4304735431 | WRU EIH 6MU-25-8-22 (MU)    | SESW    | 25      | 8S       | 22E   | UINTAH | Unit # UTU 63021B & Lease # UTU-0629  | White River South PA "B" & Lease |
| 4304738637 | WRU EIH 7AD-26-8-22 (M)     | SWNE    | 26      | 8S       | 22E   | UINTAH | Unit # UTU 63021B & Lease # UTU-0629  | White River South PA "B" & Lease |
| 4304735119 | WRU EIH 7MU-26-8-22 (MU)    | SENE    | 26      | 8S       | 22E   | UINTAH | Unit # UTU 63021B & Lease # UTU-0629  | White River South PA "B" & Lease |
| 4304738649 | WRU EIH 9CD-26-8-22 (W)     | NESE    | 26      | 8S       | 22E   | UINTAH | Unit # UTU 63021B & Lease # UTU-0629  | White River South PA "B" & Lease |
| 4304735388 | WRU EIH 4MU-25-8-22 (MU)    | NWNW    | 25      | 8S       | 22E   | UINTAH | Unit # UTU 63021B & Lease # UTU-0629  | White River South PA "B" & Lease |
| 4304735191 | WRU EIH 16MU-26-8-22 (W)    | SESE    | 26      | 8S       | 22E   | UINTAH | Unit # UTU 63021B & Lease # UTU-0629  | White River South PA "B" & Lease |
| 4304734836 | WRU EIH 11MU-26-8-22 (W)    | NESW    | 26      | 8S       | 22E   | UINTAH | Unit # UTU 63021B & Lease # UTU-43916 | White River South PA "B" & Lease |
| 4304735425 | WRU EIH 12ML-24-8-22 (W)    | NWSW    | 24      | 8S       | 22E   | UINTAH | Unit # UTU 63021B & Lease # UTU-43917 | White River South PA "B" & Lease |



| API Number | Well Name                 | Qtr/Qtr | Section | Township | Range | County | Lease or Unit #                       | Name of Unit or Lease            |
|------------|---------------------------|---------|---------|----------|-------|--------|---------------------------------------|----------------------------------|
| 4304735805 | WRU EIH 11ML-24-8-22 (MU) | NWSW    | 24      | 8S       | 22E   | UINTAH | Unit # UTU 63021B & Lease # UTU-43917 | White River South PA "B" & Lease |
| 4304735793 | WRU EIH 13ML-24-8-22 (ML) | SESW    | 24      | 8S       | 22E   | UINTAH | Unit # UTU 63021B & Lease # UTU-43917 | White River South PA "B" & Lease |
| 4304735426 | WRU EIH 14ML-24-8-22 (ML) | SESW    | 24      | 8S       | 22E   | UINTAH | Unit # UTU 63021B & Lease # UTU-43917 | White River South PA "B" & Lease |
| 4304735387 | WRU EIH 15ML-23-8-22 (ML) | SWSE    | 23      | 8S       | 22E   | UINTAH | Unit # UTU 63021B & Lease # UTU-43917 | White River South PA "B" & Lease |
| 4304735804 | WRU EIH 16ML-23-8-22 (ML) | SWSE    | 23      | 8S       | 22E   | UINTAH | Unit # UTU 63021B & Lease # UTU-43917 | White River South PA "B" & Lease |
| 4304735189 | WRU EIH 9ML-23-8-22 (W)   | NESE    | 23      | 8S       | 22E   | UINTAH | Unit # UTU 63021B & Lease # UTU-43917 | White River South PA "B" & Lease |
| 4304735187 | WRU EIH 10ML-23-8-22 (W)  | NWSE    | 23      | 8S       | 22E   | UINTAH | Unit # UTU 63021B & Lease # UTU-43917 | White River South PA "B" & Lease |
| 4304738994 | WRU EIH 6D-5-8-23 (MV)    | SENW    | 5       | 8S       | 23E   | UINTAH | Unit # UTU 63021C                     | White River Unit PA"B"           |
| 4304733863 | WV 10W-12-8-21            | NWSE    | 12      | 8S       | 21E   | UINTAH | Unit # UTU 63043E                     | Wonsits Valley PA "E" Gas        |
| 4304733795 | WV 10W-13-8-21            | NWSE    | 13      | 8S       | 21E   | UINTAH | Unit # UTU 63043E                     | Wonsits Valley PA "E" Gas        |
| 4304734295 | WV 10W-15-8-21            | NWSE    | 15      | 8S       | 21E   | UINTAH | Unit # UTU 63043E                     | Wonsits Valley PA "E" Gas        |
| 4304733991 | WV 10W-18-8-22            | NWSE    | 18      | 8S       | 22E   | UINTAH | Unit # UTU 63043E                     | Wonsits Valley PA "E" Gas        |
| 4304733813 | WV 10W-7-8-22             | NWSE    | 7       | 8S       | 22E   | UINTAH | Unit # UTU 63043E                     | Wonsits Valley PA "E" Gas        |
| 4304738049 | WV 11AD-14-8-21 (ML)      | NWSE    | 14      | 8S       | 21E   | UINTAH | Unit # UTU 63043E                     | Wonsits Valley PA "E" Gas        |
| 4304733535 | WV 11W-12-8-21            | NESW    | 12      | 8S       | 21E   | UINTAH | Unit # UTU 63043E                     | Wonsits Valley PA "E" Gas        |
| 4304734277 | WV 11W-14-8-21            | NESW    | 14      | 8S       | 21E   | UINTAH | Unit # UTU 63043E                     | Wonsits Valley PA "E" Gas        |
| 4304733626 | WV 11W-18-8-22            | NESW    | 18      | 8S       | 22E   | UINTAH | Unit # UTU 63043E                     | Wonsits Valley PA "E" Gas        |
| 4304733495 | WV 11W-7-8-22             | NESW    | 7       | 8S       | 22E   | UINTAH | Unit # UTU 63043E                     | Wonsits Valley PA "E" Gas        |
| 4304733295 | WV 11W-8-8-22             | NESW    | 8       | 8S       | 22E   | UINTAH | Unit # UTU 63043E                     | Wonsits Valley PA "E" Gas        |
| 4304731873 | WV 121 (MV)               | NWSW    | 14      | 8S       | 21E   | UINTAH | Unit # UTU 63043E                     | Wonsits Valley PA "E" Gas        |
| 4304733961 | WV 12W-13-8-21            | NWSW    | 13      | 8S       | 21E   | UINTAH | Unit # UTU 63043E                     | Wonsits Valley PA "E" Gas        |
| 4304733815 | WV 12W-8-8-22             | NWSW    | 8       | 8S       | 22E   | UINTAH | Unit # UTU 63043E                     | Wonsits Valley PA "E" Gas        |
| 4304733054 | WV 138 WG                 | SWNW    | 18      | 8S       | 22E   | UINTAH | Unit # UTU 63043E                     | Wonsits Valley PA "E" Gas        |
| 4304739039 | WV 13A-15-8-21 (DK)       | SWSW    | 15      | 8S       | 21E   | UINTAH | Unit # UTU 63043E                     | Wonsits Valley PA "E" Gas        |
| 4304739321 | WV 13AD-8-8-22R (ML)      | SWSW    | 8       | 8S       | 22E   | UINTAH | Unit # UTU 63043E                     | Wonsits Valley PA "E" Gas        |
| 4304737926 | WV 13DML-10-8-21 (W)      | SWSW    | 10      | 8S       | 21E   | UINTAH | Unit # UTU 63043E                     | Wonsits Valley PA "E" Gas        |
| 4304736305 | WV 13MU-10-8-21 (MU)      | SWSW    | 10      | 8S       | 21E   | UINTAH | Unit # UTU 63043E                     | Wonsits Valley PA "E" Gas        |
| 4304733607 | WV 13W-14-8-21            | SWSW    | 14      | 8S       | 21E   | UINTAH | Unit # UTU 63043E                     | Wonsits Valley PA "E" Gas        |
| 4304733538 | WV 13W-18-8-22            | SWSW    | 18      | 8S       | 22E   | UINTAH | Unit # UTU 63043E                     | Wonsits Valley PA "E" Gas        |
| 4304733496 | WV 13W-7-8-22             | SWSW    | 7       | 8S       | 22E   | UINTAH | Unit # UTU 63043E                     | Wonsits Valley PA "E" Gas        |
| 4304733070 | WV 14 WG                  | SWSE    | 12      | 8S       | 21E   | UINTAH | Unit # UTU 63043E                     | Wonsits Valley PA "E" Gas        |
| 4304733128 | WV 146 WG                 | NWNW    | 19      | 8S       | 22E   | UINTAH | Unit # UTU 63043E                     | Wonsits Valley PA "E" Gas        |
| 4304737924 | WV 14DML-12-8-21 (W)      | SESW    | 12      | 8S       | 21E   | UINTAH | Unit # UTU 63043E                     | Wonsits Valley PA "E" Gas        |
| 4304734280 | WV 14M-11-8-21 (ML)       | SESW    | 11      | 8S       | 21E   | UINTAH | Unit # UTU 63043E                     | Wonsits Valley PA "E" Gas        |
| 4304735879 | WV 14MU-10-8-21 (W)       | SESW    | 10      | 8S       | 21E   | UINTAH | Unit # UTU 63043E                     | Wonsits Valley PA "E" Gas        |
| 4304733864 | WV 14W-12-8-21            | SESW    | 12      | 8S       | 21E   | UINTAH | Unit # UTU 63043E                     | Wonsits Valley PA "E" Gas        |
| 4304733962 | WV 14W-13-8-21            | SESW    | 13      | 8S       | 21E   | UINTAH | Unit # UTU 63043E                     | Wonsits Valley PA "E" Gas        |



| API Number | Well Name            | Qtr/Qtr | Section | Township | Range | County | Lease or Unit #   | Name of Unit or Lease     |
|------------|----------------------|---------|---------|----------|-------|--------|-------------------|---------------------------|
| 4304733995 | WV 14W-18-8-22       | SESW    | 18      | 8S       | 22E   | UINTAH | Unit # UTU 63043E | Wonsits Valley PA "E" Gas |
| 4304733816 | WV 14W-7-8-22        | SESW    | 7       | 8S       | 22E   | UINTAH | Unit # UTU 63043E | Wonsits Valley PA "E" Gas |
| 4304733963 | WV 15W-14-8-21       | SWSE    | 14      | 8S       | 21E   | UINTAH | Unit # UTU 63043E | Wonsits Valley PA "E" Gas |
| 4304733661 | WV 15W-9-8-21        | SWSE    | 9       | 8S       | 21E   | UINTAH | Unit # UTU 63043E | Wonsits Valley PA "E" Gas |
| 4304738737 | WV 16C-14-8-21 (W)   | SESE    | 14      | 8S       | 21E   | UINTAH | Unit # UTU 63043E | Wonsits Valley PA "E" Gas |
| 4304734250 | WV 16W-10-8-21       | SESE    | 10      | 8S       | 21E   | UINTAH | Unit # UTU 63043E | Wonsits Valley PA "E" Gas |
| 4304733865 | WV 16W-12-8-21       | SESE    | 12      | 8S       | 21E   | UINTAH | Unit # UTU 63043E | Wonsits Valley PA "E" Gas |
| 4304733529 | WV 16W-9-8-21        | SESE    | 9       | 8S       | 21E   | UINTAH | Unit # UTU 63043E | Wonsits Valley PA "E" Gas |
| 4304733220 | WV 1W-14-8-21        | NENE    | 14      | 8S       | 21E   | UINTAH | Unit # UTU 63043E | Wonsits Valley PA "E" Gas |
| 4304733294 | WV 1W-18-8-22        | NENE    | 18      | 8S       | 22E   | UINTAH | Unit # UTU 63043E | Wonsits Valley PA "E" Gas |
| 4304733602 | WV 1W-21-8-21        | NENE    | 21      | 8S       | 21E   | UINTAH | Unit # UTU 63043E | Wonsits Valley PA "E" Gas |
| 4304733904 | WV 1W-23-8-21        | NENE    | 23      | 8S       | 21E   | UINTAH | Unit # UTU 63043E | Wonsits Valley PA "E" Gas |
| 4304733613 | WV 1W-24-8-21        | NENE    | 24      | 8S       | 21E   | UINTAH | Unit # UTU 63043E | Wonsits Valley PA "E" Gas |
| 4304733501 | WV 1W-7-8-22         | NENE    | 7       | 8S       | 22E   | UINTAH | Unit # UTU 63043E | Wonsits Valley PA "E" Gas |
| 4304733791 | WV 2W-13-8-21        | NWNE    | 13      | 8S       | 21E   | UINTAH | Unit # UTU 63043E | Wonsits Valley PA "E" Gas |
| 4304734140 | WV 2W-14-8-21        | NWNE    | 14      | 8S       | 21E   | UINTAH | Unit # UTU 63043E | Wonsits Valley PA "E" Gas |
| 4304733986 | WV 2W-18-8-22        | NWNE    | 18      | 8S       | 22E   | UINTAH | Unit # UTU 63043E | Wonsits Valley PA "E" Gas |
| 4304734141 | WV 2W-21-8-21        | NWNE    | 21      | 8S       | 21E   | UINTAH | Unit # UTU 63043E | Wonsits Valley PA "E" Gas |
| 4304734243 | WV 2W-22-8-21        | NWNE    | 22      | 8S       | 21E   | UINTAH | Unit # UTU 63043E | Wonsits Valley PA "E" Gas |
| 4304734468 | WV 2W-8-8-22         | NWNE    | 8       | 8S       | 22E   | UINTAH | Unit # UTU 63043E | Wonsits Valley PA "E" Gas |
| 4304732831 | WV 38 WG             | SWNW    | 8       | 8S       | 22E   | UINTAH | Unit # UTU 63043E | Wonsits Valley PA "E" Gas |
| 4304734289 | WV 3MU-15-8-21 (MU)  | NENW    | 15      | 8S       | 21E   | UINTAH | Unit # UTU 63043E | Wonsits Valley PA "E" Gas |
| 4304733533 | WV 3W-18-8-22        | NENW    | 18      | 8S       | 22E   | UINTAH | Unit # UTU 63043E | Wonsits Valley PA "E" Gas |
| 4304734187 | WV 3W-19-8-22        | NENW    | 19      | 8S       | 22E   | UINTAH | Unit # UTU 63043E | Wonsits Valley PA "E" Gas |
| 4304734143 | WV 3W-21-8-21        | NENW    | 21      | 8S       | 21E   | UINTAH | Unit # UTU 63043E | Wonsits Valley PA "E" Gas |
| 4304733604 | WV 3W-22-8-21        | NENW    | 22      | 8S       | 21E   | UINTAH | Unit # UTU 63043E | Wonsits Valley PA "E" Gas |
| 4304733605 | WV 3W-24-8-21        | NENW    | 24      | 8S       | 21E   | UINTAH | Unit # UTU 63043E | Wonsits Valley PA "E" Gas |
| 4304733502 | WV 3W-7-8-22         | NENW    | 7       | 8S       | 22E   | UINTAH | Unit # UTU 63043E | Wonsits Valley PA "E" Gas |
| 4304733241 | WV 46 WG             | NESE    | 7       | 8S       | 22E   | UINTAH | Unit # UTU 63043E | Wonsits Valley PA "E" Gas |
| 4304732832 | WV 49 WG             | SWSW    | 8       | 8S       | 22E   | UINTAH | Unit # UTU 63043E | Wonsits Valley PA "E" Gas |
| 4304739041 | WV 4BD-23-8-21 (W)   | NWNW    | 23      | 8S       | 21E   | UINTAH | Unit # UTU 63043E | Wonsits Valley PA "E" Gas |
| 4304737927 | WV 4DML-15-8-21 (ML) | NWNW    | 15      | 8S       | 21E   | UINTAH | Unit # UTU 63043E | Wonsits Valley PA "E" Gas |
| 4304734291 | WV 4MU-15-8-21 (MU)  | NWNW    | 15      | 8S       | 21E   | UINTAH | Unit # UTU 63043E | Wonsits Valley PA "E" Gas |
| 4304733657 | WV 4W-11-8-21        | NWNW    | 11      | 8S       | 21E   | UINTAH | Unit # UTU 63043E | Wonsits Valley PA "E" Gas |
| 4304734144 | WV 4W-13-8-21        | NWNW    | 13      | 8S       | 21E   | UINTAH | Unit # UTU 63043E | Wonsits Valley PA "E" Gas |
| 4304734038 | WV 4W-17-8-22        | NWNW    | 17      | 8S       | 22E   | UINTAH | Unit # UTU 63043E | Wonsits Valley PA "E" Gas |
| 4304734145 | WV 4W-21-8-21        | NWNW    | 21      | 8S       | 21E   | UINTAH | Unit # UTU 63043E | Wonsits Valley PA "E" Gas |

| API Number | Well Name          | Qtr/Qtr | Section | Township | Range | County | Lease or Unit #   | Name of Unit or Lease     |
|------------|--------------------|---------|---------|----------|-------|--------|-------------------|---------------------------|
| 4304734188 | WV 4W-23-8-21      | NWNW    | 23      | 8S       | 21E   | UINTAH | Unit # UTU 63043E | Wonsits Valley PA "E" Gas |
| 4304734330 | WV 4W-24-8-21      | NWNW    | 24      | 8S       | 21E   | UINTAH | Unit # UTU 63043E | Wonsits Valley PA "E" Gas |
| 4304732821 | WV 54 WG           | SWSE    | 7       | 8S       | 22E   | UINTAH | Unit # UTU 63043E | Wonsits Valley PA "E" Gas |
| 4304734293 | WV 5MU-15-8-21 (W) | SWNW    | 15      | 8S       | 21E   | UINTAH | Unit # UTU 63043E | Wonsits Valley PA "E" Gas |
| 4304733221 | WV 5W-13-8-21      | SWNW    | 13      | 8S       | 21E   | UINTAH | Unit # UTU 63043E | Wonsits Valley PA "E" Gas |
| 4304733953 | WV 5W-14-8-21      | SWNW    | 14      | 8S       | 21E   | UINTAH | Unit # UTU 63043E | Wonsits Valley PA "E" Gas |
| 4304738663 | WV 6-24-8-21 (M)   | SENW    | 24      | 8S       | 21E   | UINTAH | Unit # UTU 63043E | Wonsits Valley PA "E" Gas |
| 4304732829 | WV 69 WG           | SWNE    | 18      | 8S       | 22E   | UINTAH | Unit # UTU 63043E | Wonsits Valley PA "E" Gas |
| 4304733906 | WV 6W-11-8-21      | SENW    | 11      | 8S       | 21E   | UINTAH | Unit # UTU 63043E | Wonsits Valley PA "E" Gas |
| 4304733792 | WV 6W-13-8-21      | SENW    | 13      | 8S       | 21E   | UINTAH | Unit # UTU 63043E | Wonsits Valley PA "E" Gas |
| 4304734294 | WV 6W-15-8-21      | SENW    | 15      | 8S       | 21E   | UINTAH | Unit # UTU 63043E | Wonsits Valley PA "E" Gas |
| 4304733842 | WV 6W-18-8-22      | SENW    | 18      | 8S       | 22E   | UINTAH | Unit # UTU 63043E | Wonsits Valley PA "E" Gas |
| 4304733828 | WV 6W-7-8-22       | SENW    | 7       | 8S       | 22E   | UINTAH | Unit # UTU 63043E | Wonsits Valley PA "E" Gas |
| 4304733843 | WV 6WC-18-8-22     | SENW    | 18      | 8S       | 22E   | UINTAH | Unit # UTU 63043E | Wonsits Valley PA "E" Gas |
| 4304733844 | WV 6WD-18-8-22     | SENW    | 18      | 8S       | 22E   | UINTAH | Unit # UTU 63043E | Wonsits Valley PA "E" Gas |
| 4304739044 | WV 7BD-23-8-21 (W) | SWNE    | 23      | 8S       | 21E   | UINTAH | Unit # UTU 63043E | Wonsits Valley PA "E" Gas |
| 4304733955 | WV 7W-14-8-21      | SWNE    | 14      | 8S       | 21E   | UINTAH | Unit # UTU 63043E | Wonsits Valley PA "E" Gas |
| 4304734246 | WV 7W-15-8-21      | SWNE    | 15      | 8S       | 21E   | UINTAH | Unit # UTU 63043E | Wonsits Valley PA "E" Gas |
| 4304733908 | WV 7W-24-8-21      | SWNE    | 24      | 8S       | 21E   | UINTAH | Unit # UTU 63043E | Wonsits Valley PA "E" Gas |
| 4304739040 | WV 8D-15-8-21 (DK) | SENE    | 15      | 8S       | 21E   | UINTAH | Unit # UTU 63043E | Wonsits Valley PA "E" Gas |
| 4304733862 | WV 8W-12-8-21      | SENE    | 12      | 8S       | 21E   | UINTAH | Unit # UTU 63043E | Wonsits Valley PA "E" Gas |
| 4304733793 | WV 8W-13-8-21      | SENE    | 13      | 8S       | 21E   | UINTAH | Unit # UTU 63043E | Wonsits Valley PA "E" Gas |
| 4304733958 | WV 8W-14-8-21      | SENE    | 14      | 8S       | 21E   | UINTAH | Unit # UTU 63043E | Wonsits Valley PA "E" Gas |
| 4304734247 | WV 8W-15-8-21      | SENE    | 15      | 8S       | 21E   | UINTAH | Unit # UTU 63043E | Wonsits Valley PA "E" Gas |
| 4304733989 | WV 8W-18-8-22      | SENE    | 18      | 8S       | 22E   | UINTAH | Unit # UTU 63043E | Wonsits Valley PA "E" Gas |
| 4304734340 | WV 8W-24-8-21      | SENE    | 24      | 8S       | 21E   | UINTAH | Unit # UTU 63043E | Wonsits Valley PA "E" Gas |
| 4304733534 | WV 9W-12-8-21      | NESE    | 12      | 8S       | 21E   | UINTAH | Unit # UTU 63043E | Wonsits Valley PA "E" Gas |
| 4304733269 | WV 9W-14-8-21      | NESE    | 14      | 8S       | 21E   | UINTAH | Unit # UTU 63043E | Wonsits Valley PA "E" Gas |
| 4304733959 | WV 9W-15-8-21      | NESE    | 15      | 8S       | 21E   | UINTAH | Unit # UTU 63043E | Wonsits Valley PA "E" Gas |
| 4304733910 | WV 10W-11-8-21     | NWSE    | 11      | 8S       | 21E   | UINTAH | Unit # UTU 63043E | Wonsits Valley PA "E" Gas |
| 4304734275 | WV 10W-14-8-21     | NWSE    | 14      | 8S       | 21E   | UINTAH | Unit # UTU 63043E | Wonsits Valley PA "E" Gas |
| 4304733911 | WV 11W-15-8-21     | NESW    | 15      | 8S       | 21E   | UINTAH | Unit # UTU 63043E | Wonsits Valley PA "E" Gas |
| 4304733808 | WV 12W-7-8-22      | NWSW    | 7       | 8S       | 22E   | UINTAH | Unit # UTU 63043E | Wonsits Valley PA "E" Gas |
| 4304733913 | WV 13W-11-8-21     | SWSW    | 11      | 8S       | 21E   | UINTAH | Unit # UTU 63043E | Wonsits Valley PA "E" Gas |
| 4304733537 | WV 13W-12-8-21     | SWSW    | 12      | 8S       | 21E   | UINTAH | Unit # UTU 63043E | Wonsits Valley PA "E" Gas |
| 4304734281 | WV 14W-14-8-21     | SESW    | 14      | 8S       | 21E   | UINTAH | Unit # UTU 63043E | Wonsits Valley PA "E" Gas |
| 4304734249 | WV 14W-15-8-21     | SESW    | 15      | 8S       | 21E   | UINTAH | Unit # UTU 63043E | Wonsits Valley PA "E" Gas |



| API Number | Well Name           | Qtr/Qtr | Section | Township | Range | County | Lease or Unit #   | Name of Unit or Lease             |
|------------|---------------------|---------|---------|----------|-------|--------|-------------------|-----------------------------------|
| 4304733916 | WV 15W-10-8-21      | SWSE    | 10      | 8S       | 21E   | UINTAH | Unit # UTU 63043E | Wonsits Valley PA "E" Gas         |
| 4304733917 | WV 15W-15-8-21      | SWSE    | 15      | 8S       | 21E   | UINTAH | Unit # UTU 63043E | Wonsits Valley PA "E" Gas         |
| 4304733817 | WV 16W-7-8-22       | SESE    | 7       | 8S       | 22E   | UINTAH | Unit # UTU 63043E | Wonsits Valley PA "E" Gas         |
| 4304733531 | WV 1W-12-8-21       | NENE    | 12      | 8S       | 21E   | UINTAH | Unit # UTU 63043E | Wonsits Valley PA "E" Gas         |
| 4304734242 | WV 2W-15-8-21       | NWNE    | 15      | 8S       | 21E   | UINTAH | Unit # UTU 63043E | Wonsits Valley PA "E" Gas         |
| 4304733603 | WV 3W-13-8-21       | NENW    | 13      | 8S       | 21E   | UINTAH | Unit # UTU 63043E | Wonsits Valley PA "E" Gas         |
| 4304734244 | WV 4W-14-8-21       | NWNW    | 14      | 8S       | 21E   | UINTAH | Unit # UTU 63043E | Wonsits Valley PA "E" Gas         |
| 4304734146 | WV 4W-22-8-21       | NWNW    | 22      | 8S       | 21E   | UINTAH | Unit # UTU 63043E | Wonsits Valley PA "E" Gas         |
| 4304733494 | WV 5W-7-8-22        | SWNW    | 7       | 8S       | 22E   | UINTAH | Unit # UTU 63043E | Wonsits Valley PA "E" Gas         |
| 4304734271 | WV 6W-14-8-21       | SENW    | 14      | 8S       | 21E   | UINTAH | Unit # UTU 63043E | Wonsits Valley PA "E" Gas         |
| 4304734189 | WV 6W-23-8-21       | SENW    | 23      | 8S       | 21E   | UINTAH | Unit # UTU 63043E | Wonsits Valley PA "E" Gas         |
| 4304733811 | WV 6W-8-8-22        | SENW    | 8       | 8S       | 22E   | UINTAH | Unit # UTU 63043E | Wonsits Valley PA "E" Gas         |
| 4304733861 | WV 7W-23-8-21       | SWNE    | 23      | 8S       | 21E   | UINTAH | Unit # UTU 63043E | Wonsits Valley PA "E" Gas         |
| 4304733812 | WV 7W-8-8-22        | SWNE    | 8       | 8S       | 22E   | UINTAH | Unit # UTU 63043E | Wonsits Valley PA "E" Gas         |
| 4304733086 | WV 81WG             | SWNW    | 24      | 8S       | 21E   | UINTAH | Unit # UTU 63043E | Wonsits Valley PA "E" Gas         |
| 4304733957 | WV 8W-11-8-21       | SENE    | 11      | 8S       | 21E   | UINTAH | Unit # UTU 63043E | Wonsits Valley PA "E" Gas         |
| 4304731820 | WV 145              | NWNW    | 18      | 8S       | 22E   | UINTAH | Unit # UTU 63043E | Wonsits Valley PA "E" Gas         |
| 4304720205 | WV 83 WG            | NENW    | 23      | 8S       | 21E   | UINTAH | Unit # UTU 63043E | Wonsits Valley PA "E" Gas         |
| 4304733914 | WV 13W-15-8-21      | SWSW    | 15      | 8S       | 21E   | UINTAH | Unit # UTU 63043O | Wonsits Valley PA "O" Green River |
| 4304734251 | WV 16W-15-8-21 (GR) | SESE    | 15      | 8S       | 21E   | UINTAH | Unit # UTU 63043O | Wonsits Valley PA "O" Green River |
| 4304734564 | WV 8W-22-8-21 (GR)  | SENE    | 22      | 8S       | 21E   | UINTAH | Unit # UTU 63043O | Wonsits Valley PA "O" Green River |
| 4304733536 | WV 11W-13-8-21      | NESW    | 13      | 8S       | 21E   | UINTAH | Unit # UTU 63043O | Wonsits Valley PA "O" Green River |
| 4304733903 | WV 1W-22-8-21 (GR)  | NENE    | 22      | 8S       | 21E   | UINTAH | Unit # UTU 63043O | Wonsits Valley PA "O" Green River |
| 4304730021 | WV 103              | NWNW    | 14      | 8S       | 21E   | UINTAH | Unit # UTU 63043O | Wonsits Valley PA "O" Green River |
| 4304730023 | WV 105              | SESE    | 10      | 8S       | 21E   | UINTAH | Unit # UTU 63043O | Wonsits Valley PA "O" Green River |
| 4304730045 | WV 109              | SENE    | 15      | 8S       | 21E   | UINTAH | Unit # UTU 63043O | Wonsits Valley PA "O" Green River |
| 4304730046 | WV 110              | SENW    | 14      | 8S       | 21E   | UINTAH | Unit # UTU 63043O | Wonsits Valley PA "O" Green River |
| 4304730048 | WV 112              | SENW    | 15      | 8S       | 21E   | UINTAH | Unit # UTU 63043O | Wonsits Valley PA "O" Green River |
| 4304732461 | WV 119              | NWNW    | 21      | 8S       | 21E   | UINTAH | Unit # UTU 63043O | Wonsits Valley PA "O" Green River |
| 4304730745 | WV 124              | NWSE    | 15      | 8S       | 21E   | UINTAH | Unit # UTU 63043O | Wonsits Valley PA "O" Green River |
| 4304730798 | WV 128              | SESW    | 10      | 8S       | 21E   | UINTAH | Unit # UTU 63043O | Wonsits Valley PA "O" Green River |
| 4304733660 | WV 12G-10-8-21      | NWSW    | 10      | 8S       | 21E   | UINTAH | Unit # UTU 63043O | Wonsits Valley PA "O" Green River |
| 4304732307 | WV 130              | NWNW    | 22      | 8S       | 21E   | UINTAH | Unit # UTU 63043O | Wonsits Valley PA "O" Green River |
| 4304730822 | WV 132              | NWSW    | 15      | 8S       | 21E   | UINTAH | Unit # UTU 63043O | Wonsits Valley PA "O" Green River |
| 4304731706 | WV 133              | SESW    | 15      | 8S       | 21E   | UINTAH | Unit # UTU 63043O | Wonsits Valley PA "O" Green River |
| 4304732016 | WV 135-2            | NENE    | 21      | 8S       | 21E   | UINTAH | Unit # UTU 63043O | Wonsits Valley PA "O" Green River |
| 4304731523 | WV 137              | SENW    | 11      | 8S       | 21E   | UINTAH | Unit # UTU 63043O | Wonsits Valley PA "O" Green River |

| API Number | Well Name           | Qtr/Qtr | Section | Township | Range | County | Lease or Unit #   | Name of Unit or Lease             |
|------------|---------------------|---------|---------|----------|-------|--------|-------------------|-----------------------------------|
| 4304731807 | WV 144              | SENE    | 10      | 8S       | 21E   | UINTAH | Unit # UTU 630430 | Wonsits Valley PA "O" Green River |
| 4304733662 | WV 15G-9-8-21       | SWSE    | 9       | 8S       | 21E   | UINTAH | Unit # UTU 630430 | Wonsits Valley PA "O" Green River |
| 4304734283 | WV 16G-14-8-21      | SESE    | 14      | 8S       | 21E   | UINTAH | Unit # UTU 630430 | Wonsits Valley PA "O" Green River |
| 4304733655 | WV 2W-10-8-21 (GR)  | NWNE    | 10      | 8S       | 21E   | UINTAH | Unit # UTU 630430 | Wonsits Valley PA "O" Green River |
| 4304715471 | WV 43               | SWSW    | 11      | 8S       | 21E   | UINTAH | Unit # UTU 630430 | Wonsits Valley PA "O" Green River |
| 4304715476 | WV 48               | SWNE    | 10      | 8S       | 21E   | UINTAH | Unit # UTU 630430 | Wonsits Valley PA "O" Green River |
| 4304720003 | WV 53               | SWSE    | 10      | 8S       | 21E   | UINTAH | Unit # UTU 630430 | Wonsits Valley PA "O" Green River |
| 4304720005 | WV 55               | SWNE    | 14      | 8S       | 21E   | UINTAH | Unit # UTU 630430 | Wonsits Valley PA "O" Green River |
| 4304733860 | WV 5W-23-8-21 (GR)  | SWNW    | 23      | 8S       | 21E   | UINTAH | Unit # UTU 630430 | Wonsits Valley PA "O" Green River |
| 4304720024 | WV 62               | SWSW    | 10      | 8S       | 21E   | UINTAH | Unit # UTU 630430 | Wonsits Valley PA "O" Green River |
| 4304720041 | WV 65               | SWNW    | 15      | 8S       | 21E   | UINTAH | Unit # UTU 630430 | Wonsits Valley PA "O" Green River |
| 4304733503 | WV 7WRG-7-8-22 (GR) | SWNE    | 7       | 8S       | 22E   | UINTAH | Unit # UTU 630430 | Wonsits Valley PA "O" Green River |
| 4304734339 | WV 8M-23-8-21 (MU)  | SENE    | 23      | 8S       | 21E   | UINTAH | Unit # UTU 630430 | Wonsits Valley PA "O" Green River |
| 4304730022 | WV 104              | NWNE    | 15      | 8S       | 21E   | UINTAH | Unit # UTU 630430 | Wonsits Valley PA "O" Green River |
| 4304734142 | WV 2W-23-8-21 (GR)  | NWNE    | 23      | 8S       | 21E   | UINTAH | Unit # UTU 630430 | Wonsits Valley PA "O" Green River |
| 4304715463 | WV 35               | NESW    | 14      | 8S       | 21E   | UINTAH | Unit # UTU 630430 | Wonsits Valley PA "O" Green River |
| 4304720047 | WV 68               | NESE    | 15      | 8S       | 21E   | UINTAH | Unit # UTU 630430 | Wonsits Valley PA "O" Green River |
| 4304732462 | WV 120              | NENW    | 22      | 8S       | 21E   | UINTAH | Unit # UTU 630430 | Wonsits Valley PA "O" Green River |
| 4304730796 | WV 126              | NWNE    | 21      | 8S       | 21E   | UINTAH | Unit # UTU 630430 | Wonsits Valley PA "O" Green River |
| 4304731707 | WV 140              | NWNW    | 15      | 8S       | 21E   | UINTAH | Unit # UTU 630430 | Wonsits Valley PA "O" Green River |
| 4304731808 | WV 143              | NWSE    | 10      | 8S       | 21E   | UINTAH | Unit # UTU 630430 | Wonsits Valley PA "O" Green River |
| 4304715447 | WV 16               | NENE    | 15      | 8S       | 21E   | UINTAH | Unit # UTU 630430 | Wonsits Valley PA "O" Green River |
| 4304731524 | WV 28-2             | NESW    | 11      | 8S       | 21E   | UINTAH | Unit # UTU 630430 | Wonsits Valley PA "O" Green River |
| 4304715460 | WV 31               | NENW    | 14      | 8S       | 21E   | UINTAH | Unit # UTU 630430 | Wonsits Valley PA "O" Green River |
| 4304715464 | WV 36               | NESW    | 10      | 8S       | 21E   | UINTAH | Unit # UTU 630430 | Wonsits Valley PA "O" Green River |
| 4304734596 | WV 3G-8-8-22        | NENW    | 8       | 8S       | 22E   | UINTAH | Unit # UTU 630430 | Wonsits Valley PA "O" Green River |
| 4304731798 | WV 40-2             | NESE    | 10      | 8S       | 21E   | UINTAH | Unit # UTU 630430 | Wonsits Valley PA "O" Green River |
| 4304715469 | WV 41               | NENW    | 15      | 8S       | 21E   | UINTAH | Unit # UTU 630430 | Wonsits Valley PA "O" Green River |
| 4304715477 | WV 50               | SWNE    | 15      | 8S       | 21E   | UINTAH | Unit # UTU 630430 | Wonsits Valley PA "O" Green River |
| 4304720018 | WV 59               | SWNW    | 14      | 8S       | 21E   | UINTAH | Unit # UTU 630430 | Wonsits Valley PA "O" Green River |
| 4304720019 | WV 60               | SWSE    | 15      | 8S       | 21E   | UINTAH | Unit # UTU 630430 | Wonsits Valley PA "O" Green River |
| 4304720043 | WV 67               | NESW    | 15      | 8S       | 21E   | UINTAH | Unit # UTU 630430 | Wonsits Valley PA "O" Green River |
| 4304732449 | WV 71-2             | SWSW    | 15      | 8S       | 21E   | UINTAH | Unit # UTU 630430 | Wonsits Valley PA "O" Green River |
| 4304730014 | WV 97               | NWSW    | 11      | 8S       | 21E   | UINTAH | Unit # UTU 630430 | Wonsits Valley PA "O" Green River |



**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
REGION 8**

1595 Wynkoop Street  
DENVER, CO 80202-1129  
Phone 800-227-8917  
<http://www.epa.gov/region8>

**OCT 04 2018**

Ref: 8WP-SUI

**CERTIFIED MAIL**  
**RETURN RECEIPT REQUESTED**

Worth Carlin  
Vice President, Land  
Middle Fork Energy Uinta, LLC  
1430 Larimer Street, Suite 400  
Denver, Colorado 80202

Re: Underground Injection Control  
Minor Permit Modification  
Ownership/Operator Transfer, 80 wells

Dear Mr. Carlin:

On September 17, 2018, the U.S. Environmental Protection Agency Region 8 Underground Injection Control program office received notice from QEP, with your concurrence, that the owner and operator of the 80 wells attached in Schedule A is changed from QEP Energy to Middle Fork Energy Uinta, LLC effective September 6, 2018. This action hereby names the following owner and operator as the Permittee for the named wells:

Middle Fork Energy Uinta, LLC  
1430 Larimer Street, Suite 400  
Denver, Colorado 80202

The EPA has reviewed the request and has determined that Minor Modifications of the Permits are required. Middle Fork Energy Uinta has met the financial responsibility requirements under Title 40 of the Code of Federal Regulations (40 CFR), Section 144.52(a)(7).

Pursuant to 40 CFR §144.41(d), the EPA hereby modifies the referenced Permits, reflecting that Middle Fork Energy Uinta is the Permittee.



Please note that the referenced EPA Permits remain fully effective and enforceable and all other provisions and conditions of the Permits remain as issued or modified. For further information, please contact Bruce Suchomel at [suchomel.bruce@epa.gov](mailto:suchomel.bruce@epa.gov) or (303) 312-6001.

Sincerely,

A handwritten signature in dark ink, appearing to read 'Darcy O'Connor', with a long horizontal flourish extending to the right.

Darcy O'Connor  
Assistant Regional Administrator  
Office of Water Protection

Enclosure

cc: Uintah & Ouray Business Committee:  
Luke Duncan, Chairman  
Tony Small, Vice-Chairman  
Susan Chapoose, Executive Director

Antonio Pingree, Acting Superintendent  
BIA – Uintah & Ouray Indian Agency

Bruce Pargeets, Energy & Minerals Director  
Ute Indian Tribe

Sonja Willie, Natural Resources Director  
Ute Indian Tribe

Dayne Doucet, Oil and Gas Permitting Manager  
Utah Division of Oil, Gas and Mining

Jerry Kenczka  
Assistant Field Manager for Lands & Minerals  
BLM - Vernal Office

Julie Jacobson, Regulatory Manager  
QEP Energy