Form 9-331 C
(May 1963)

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1425.

9

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
DRILL [X] DEEPEN [ ] PLUG BACK [ ]

b. TYPE OF WELL
OIL WELL [X] 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 & 620' FEL (NE, SE)
At proposed prod. zone

RECEIVED
OCT 17 1985
DIVISION OF OIL, GAS & 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

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'

16. NO. OF ACRES IN LEASE: Within Unit

17. NO. OF ACRES ASSIGNED TO THIS WELL: 40

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.: 1600'

19. PROPOSED DEPTH: 5900' Green River

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
12¼"	9-5/8"	36	500'	±250 sks to surface
8-3/4"	7"	23 & 23	~~4900'~~ 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 & 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 APPROVAL DATE

APPROVED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING
DATE: 10/31/85
BY: John R. Baza
WELL SPACING: A-3 Unit area

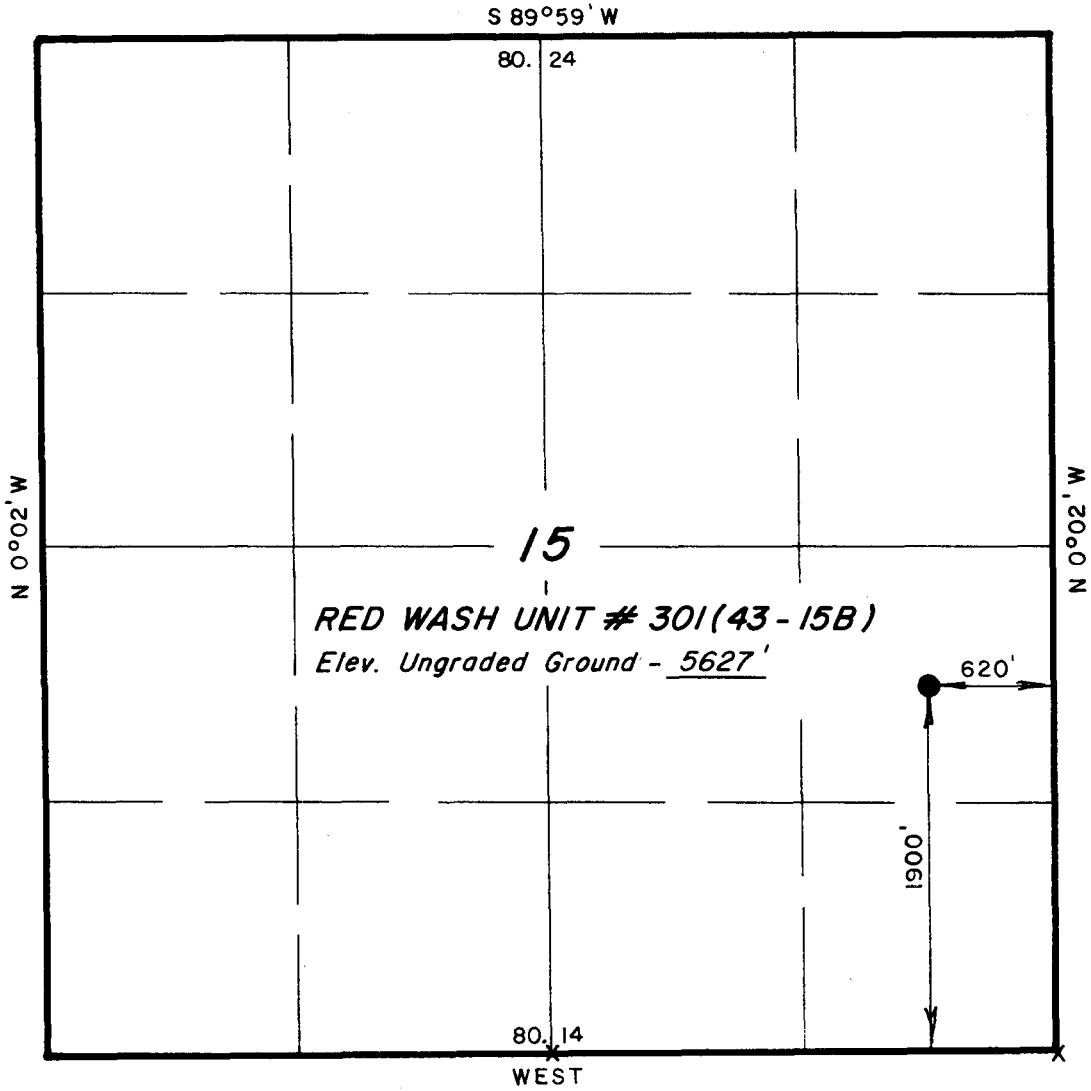
APPROVED BY TITLE DATE
CONDITIONS OF APPROVAL, IF ANY:

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

REGISTERED LAND SURVEYOR
REGISTRATION № 2454
STATE OF UTAH

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

SCALE 1" = 1000'	DATE 9/30/85
PARTY LT, HM, CM, JH	REFERENCES GLO Plat
WEATHER Fair	FILE 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 12¼" Proposed Depth 500' BOPE NONE

Mud Program: Type	MW	FV	WL	Other
Gel-Water	±8.5	--	--	--

Potential Hazards: NONE
Electric Logging Program: NONE
Core/DST Program: NONE
Casing Program: *

Size	Grade	Weight	Thread	Section Length
9-5/8"	K-55	36#	ST&C	500'

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

Cement Program: Lead Slurry _____
Tail Slurry Class "G" with 2% $CaCl_2$ - 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
7"	N-80	23#/ft.	LT&C	5900'-4900'
7"	K-55	23#/ft.	LT&C	Surface-4900'

*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 @	2000'	Rotating Head @	--
Geolograph @	Spud	Degasser @	500'
Visulogger @	--	Desilter @	Spud
Adj. Choke @	500'	Centrifuge @	--
PVT & Flowmeter @	Spud	Mud Cleaner @	Spud
Trip Tank @	Spud	H_2S Safety Equip. @	--

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

6. Drill String Design

Surface Hole:
BHA 12¼" bit, 1 x 8" D.C., STAB., 2 x 8" D.C."s, XO 6-3/4" D.C.'s.
Drill Pipe 4½", 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 4½", 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 [signature] Date 10-4-85 Drilling Superintendent [signature] 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_2S 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 <u>open</u> 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	IB-ID	5115-5235	120'
Interval/on show	KB-KE	5555-5675	120'
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) ~~**DIL-SP**~~			-
2) **DIL-~~MS~~FL-SP**-GR			Surface to TD
3) ~~**BHC-w/GR,-Cal.**~~			-
4) **LDT-CNL w/GR, Cal.**			2000' to TD.
5) ~~**FDC-CNL-w/GR,-Cal.**~~			-
6) ~~**Dipmeter**~~			-
7) ~~**Velocity-survey**~~			-
8) ~~**RFT**~~			-
9) EPT-Microlog			4400' to TD
10)			-
11)			-

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 Depth, datum	Sample Depth, datum	Log 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 zones ~~to be cored~~.
				~~Zone to be DST~~.
2)	RWU #33	IB-KC	4991-5493	Primary objective 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 **Date** 9/12/85

Reviewed by Harvey Hines 9/18/85 **Date** 9/18/85

Formation Evaluation Analyst

Approved G.L. Smedley **Date** 9/18/85

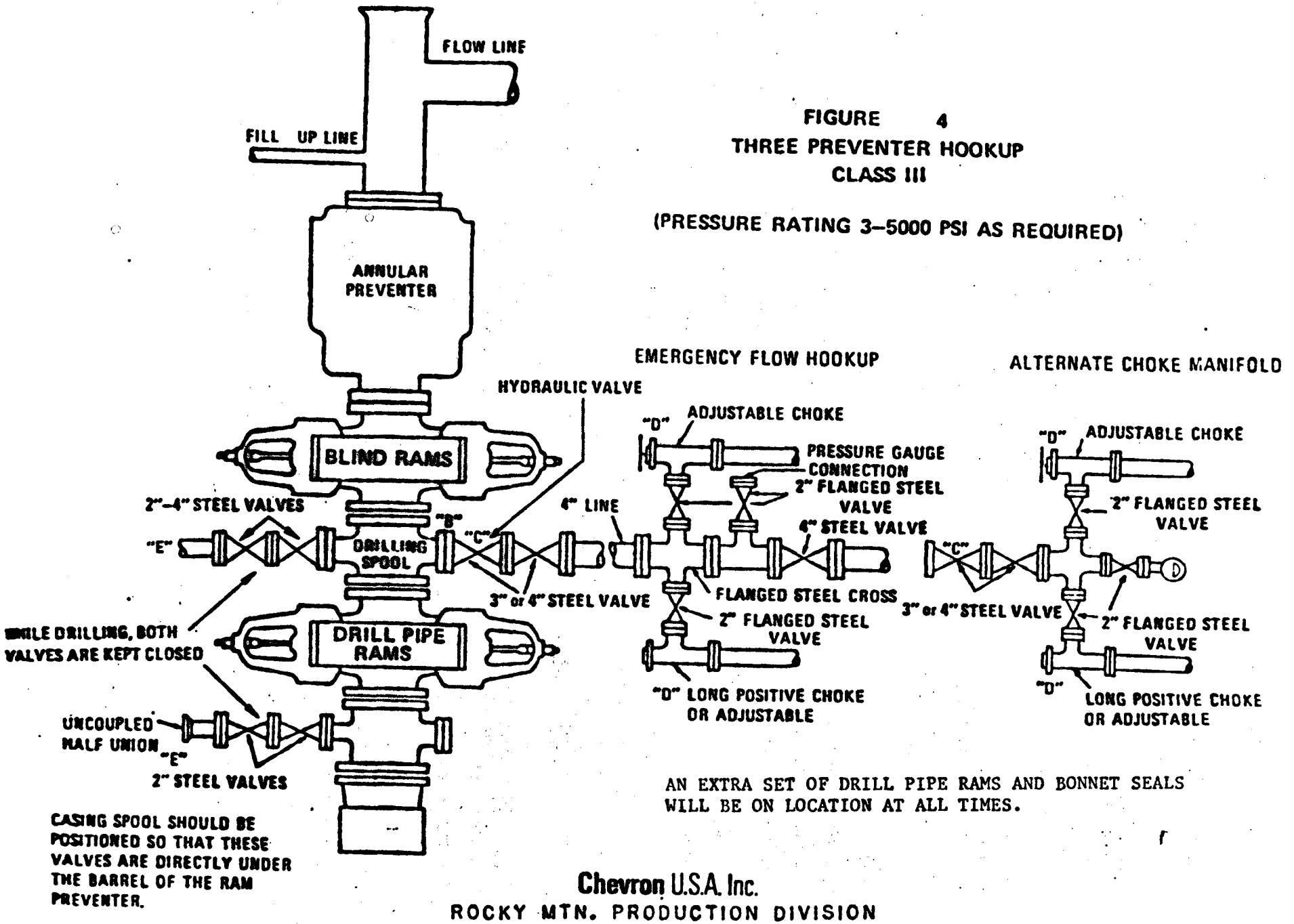


FIGURE 4
THREE PREVENTER HOOKUP
CLASS III

(PRESSURE RATING 3–5000 PSI AS REQUIRED)

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

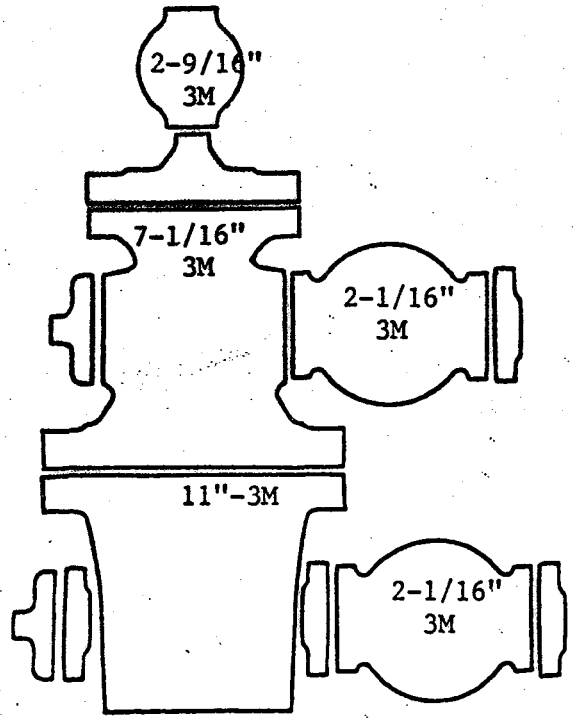
Chevron U.S.A. Inc.
ROCKY MTN. PRODUCTION DIVISION

LE 81–7511
Revision 4 (1982)

CHEVRON

Red Wash #301

10/3/85



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 ±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.

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 NE¼SE¼, 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).

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

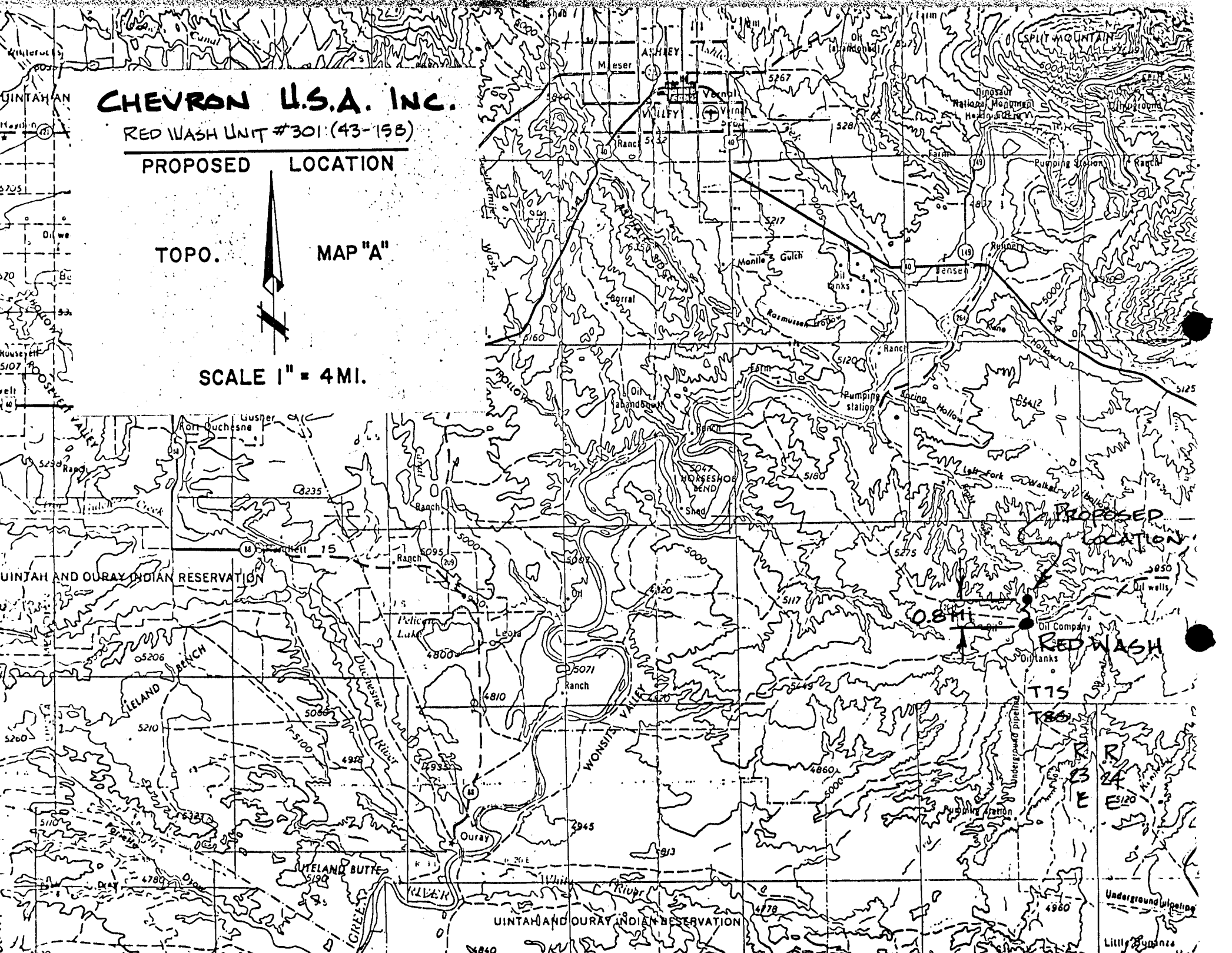
I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and, that the work associated 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.

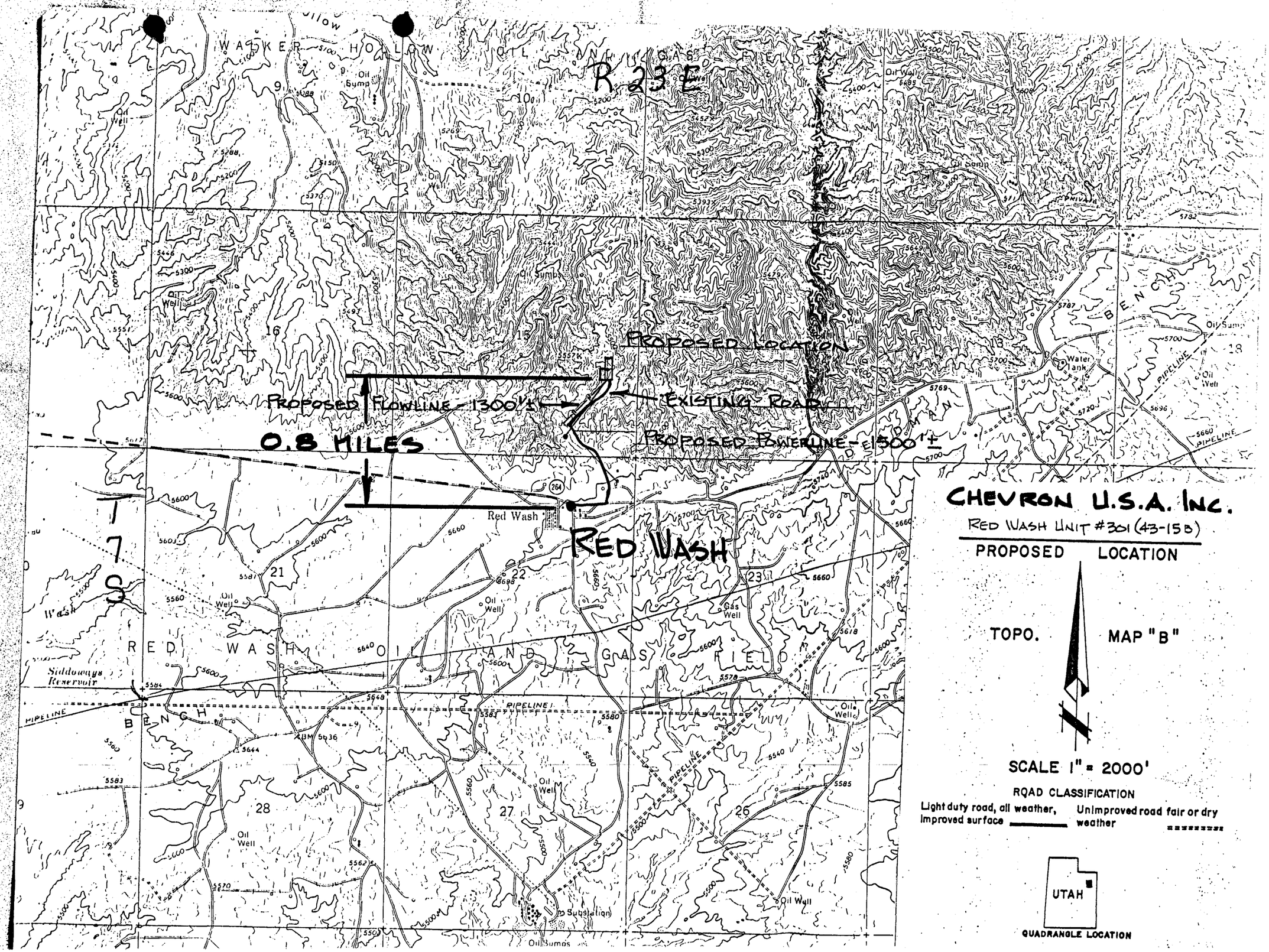
10-14-85
Date

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

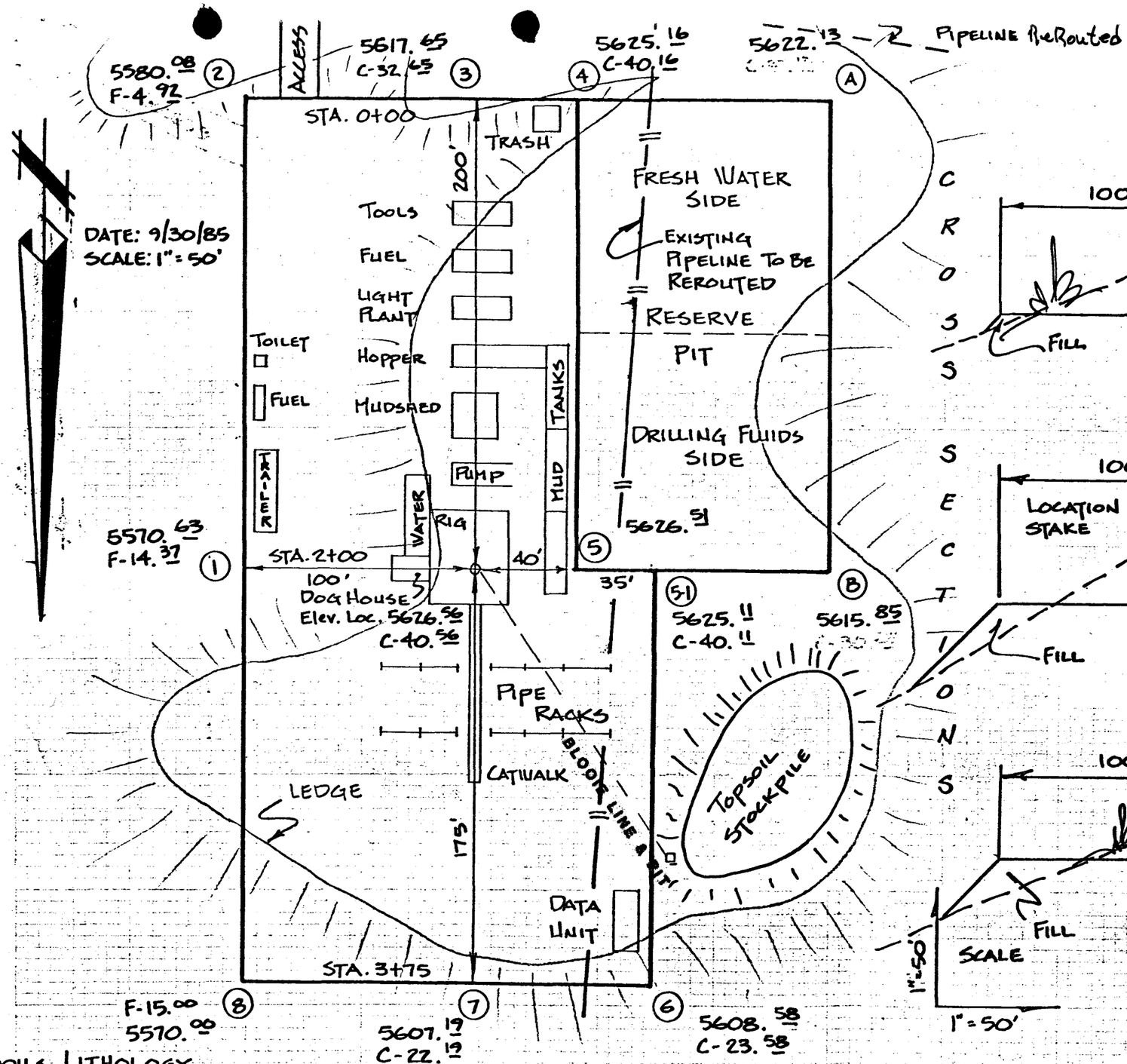

CHEVRON U.S.A. INC.
RED WASH UNIT #301 (43-15B)
PROPOSED LOCATION
TOPO. MAP "A"
SCALE 1" = 4MI.
PROPOSED LOCATION
RED WASH
0.8 MI.
T7S
T8S
R 23 E
R 24 E
UINTAH AND OURAY INDIAN RESERVATION
UINTAH AND OURAY INDIAN RESERVATION
Vernal
Ouray
Leota
Pelican Lake
Split Mountain
Dinosaur National Monument
Jensen
Rumney
Oil Company
Oil tanks
Pumping station
Underground pipeline
Underground pipeline
Little Bonanza

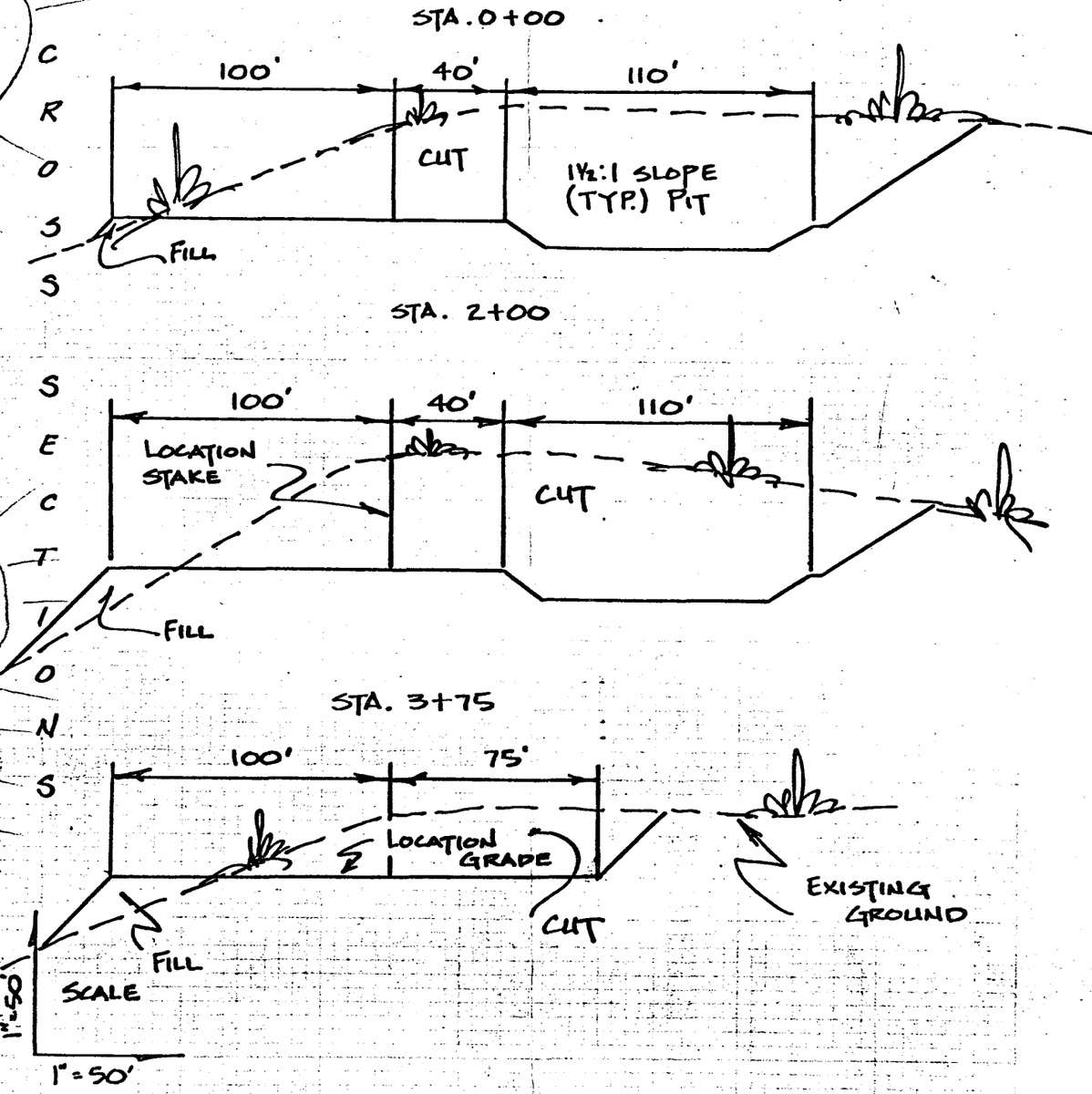

WALKER HOLLOW OIL AND GAS FIELD
R 23 E
T 7 S
PROPOSED LOCATION
PROPOSED FLOWLINE - 1300'±
EXISTING ROAD
PROPOSED POWERLINE - 1500'±
0.8 MILES
Red Wash
RED WASH
RED WASH OIL AND GAS FIELD
Siddoways Reservoir
PIPELINE
BENCH
Oil Well
Oil Sump
Gas Well
Water Tank
Substation
Oil Sumps
CHEVRON U.S.A. INC.
RED WASH UNIT #301 (43-15B)
PROPOSED LOCATION
TOPO. MAP "B"
SCALE 1" = 2000'
ROAD CLASSIFICATION
Light duty road, all weather, improved surface
Unimproved road fair or dry weather
UTAH
QUADRANGLE LOCATION

CHEVRON U.S.A. INC.

RED WASH UNIT #301 (43-15B)

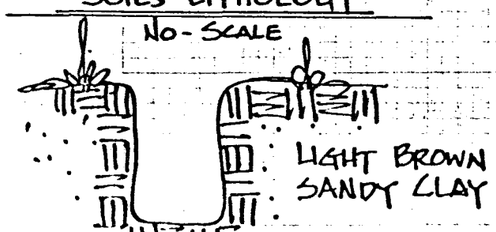
EXHIBIT "C" LOCATION LAYOUT CUT AND FILL





SOILS LITHOLOGY

NO-SCALE



APPROX. YARDAGES

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

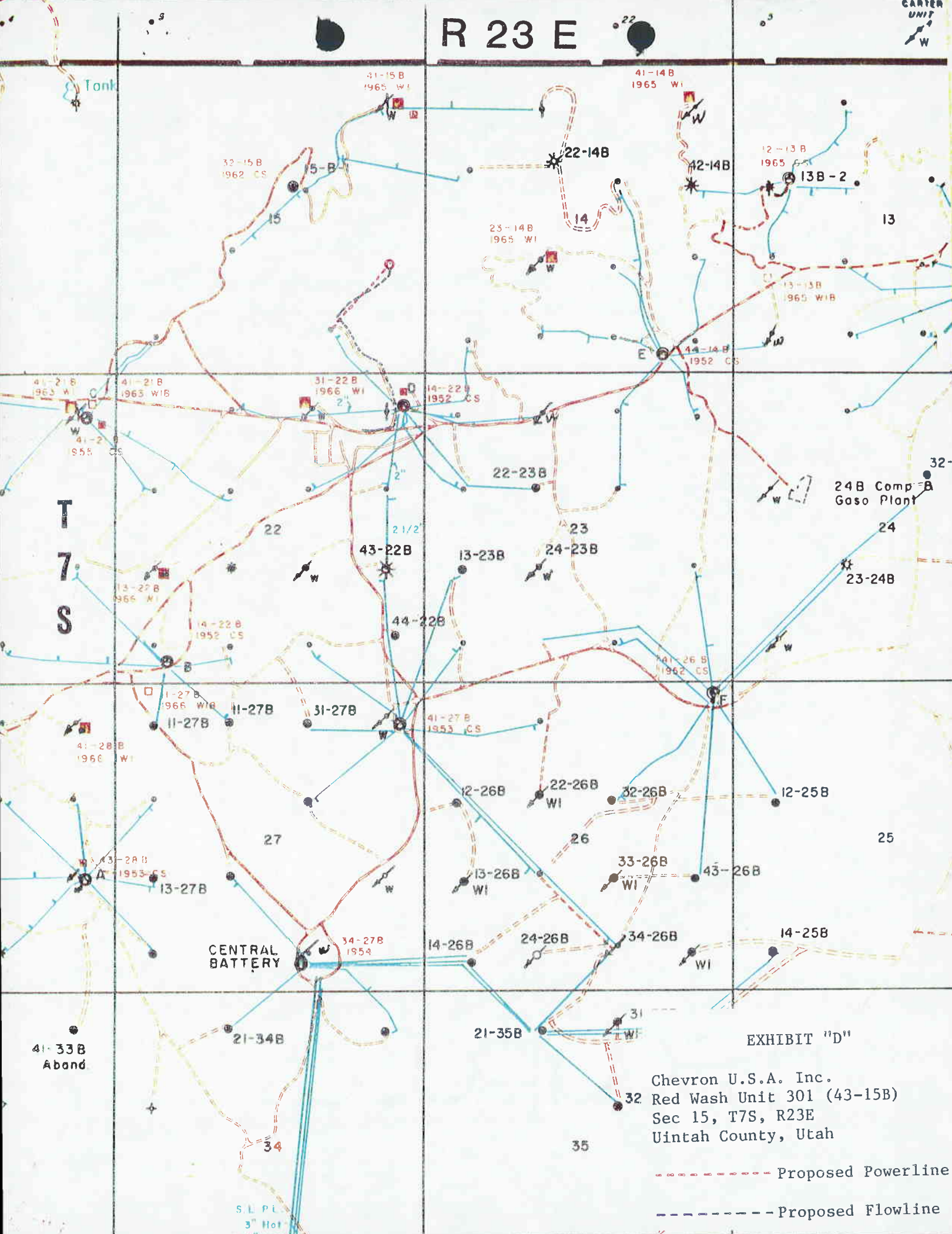


EXHIBIT "D"

Chevron U.S.A. Inc.
Red Wash Unit 301 (43-15B)
Sec 15, T7S, R23E
Uintah County, Utah

- - - - - - - - - Proposed Powerline

- - - - - - - - - Proposed Flowline

OPERATOR Chevron U.S.A. DATE 10-22-85

WELL NAME Red Wash Unit 301 (43-15B)

SEC NE SE 15 T 7S R 23E COUNTY Uintah

43-047-31682	Fed
API NUMBER	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:

11/2/84
25020

BC

Form 9-331 C
(May 1963)

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1425.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

RECEIVED
NOV 18 1985
DIVISION OF OIL GAS & MINING

1a. TYPE OF WORK: DRILL [X] DEEPEN [ ] PLUG BACK [ ]

b. TYPE OF WELL: OIL WELL [X] 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 & 620' FEL (NE, SE)
At proposed prod. zone:

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

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'

16. NO. OF ACRES IN LEASE: Within Unit

17. NO. OF ACRES ASSIGNED TO THIS WELL: 40

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.: 1600'

19. PROPOSED DEPTH: 5900'

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
12¼"	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 & Wellhead Specifications
- Multi Point Surface Use Plan

Completion procedure to be submitted by Sundry Notice.

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

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 F. R. Ferguson TITLE DISTRICT MANAGER DATE 11/13/85
CONDITIONS OF APPROVAL, IF ANY:

Ut 080-6M-05
Div OG&M

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. <u>Other Information</u>

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 workover 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

Form 3160-5
(November 1983)
(Formerly 9-331)

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.)

RECEIVED
OCT 21 1985
DIVISION OF OIL GAS & MINING

5. LEASE DESIGNATION AND SERIAL NO.: U-081

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

1. OIL WELL [X] GAS WELL [ ] OTHER

7. UNIT AGREEMENT NAME: Red Wash

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

8. FARM OR LEASE NAME:

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

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

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)

10. FIELD AND POOL, OR WILDCAT: Red Wash

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

14. PERMIT NO.: Not Yet Assigned

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

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:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	[ ]	PULL OR ALTER CASING	[ ]	WATER SHUT-OFF	[ ]	REPAIRING WELL	[ ]
FRACTURE TREAT	[ ]	MULTIPLE COMPLETE	[ ]	FRACTURE TREATMENT	[ ]	ALTERING CASING	[ ]
SHOOT OR ACIDIZE	[ ]	ABANDON*	[ ]	SHOOTING OR ACIDIZING	[ ]	ABANDONMENT*	[ ]
REPAIR WELL	[ ]	CHANGE PLANS	[X]	(Other)			[ ]
(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. Baza

Federal approval of this action is required before commencing operations.

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

SIGNED: L.R. Knapstad TITLE: Env. Eng. Spec. DATE: October 17, 1985

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

*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.

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/ln

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

SE¼, NW¼; Sec. 27, T7S, R23E

Red Wash Unit #299 (44-21B) 43-047-31680 TA

SE¼, SE¼; Sec. 21, T7S, R23E

Red Wash Unit #300 (44-15B) 43-047-31681 TA

SE¼, SE¼; Sec. 15, T7S, R23E

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

NE¼, SE¼; Sec. 15, T7S, R23E

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

SE¼, NW¼; Sec, 24, T7S, R23E

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

SE¼, NE¼; Sec. 16, T8S, R21E 43-047-31611 POW

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

NW¼, SE¼; Sec. 16, T8S, R21E 43-047-31609 POW

Form 111 8-61-2M

APPLICATION NO. 85-49-42

DISTRIBUTION SYSTEM.

RECEIVED

OCT 21 1985

DIVISION OF OIL GAS & MINING

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

STATE OF UTAH

(To Be Filed in Duplicate)

Denver, Colorado (Place) September 30 (Date), 1985

For 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 (Month) (Day) to December 31 (Month) (Day), incl.
7. The water has been stored each year from (Month) (Day) to (Month) (Day), incl.
8. The direct source of supply is 13 wells in Uintah County.
9. The water has been diverted into pipelines ~~ditch canal~~ 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 purpses, 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~~ from the pipeline ~~ditch canal~~ at a point located NE¼ SE¼, Section 13, T7S, R23E, SLB&M and hauled by truck to the well sites.
14. The change will be made from November 1, 1985, to February 1, 1986 (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 ~~$5.00~~ $7.50 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

Form 3160-5
(November 1983)
(Formerly 9-331)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE* (Other instructions on reverse 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.)

RECEIVED
OCT 25 1985
DIVISION OF OIL GAS & MINING

1. OIL WELL [X] 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)

5. LEASE DESIGNATION AND SERIAL NO.:

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

14. PERMIT NO.: Not yet assigned

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

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:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	[ ]	PULL OR ALTER CASING	[ ]	WATER SHUT-OFF	[ ]	REPAIRING WELL	[ ]
FRACTURE TREAT	[ ]	MULTIPLE COMPLETE	[ ]	FRACTURE TREATMENT	[ ]	ALTERING CASING	[ ]
SHOOT OR ACIDIZE	[ ]	ABANDON*	[ ]	SHOOTING OR ACIDIZING	[ ]	ABANDONMENT*	[ ]
REPAIR WELL	[ ]	CHANGE PLANS	[ ]	(Other)			[ ]
(Other) Revise drilling procedure			[X]	(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. L. Hubpetrick TITLE Env. Eng. Spec. DATE October 24, 1985

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

***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.

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

w/ok

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION API #43-047-31682

NAME OF COMPANY: CHEVRON

WELL NAME: RED WASH UNIT 301 (43-15B)

SECTION NE SE 15 TOWNSHIP 7S RANGE 23E COUNTY Uintah

DRILLING CONTRACTOR Bill Martin Jr.

RIG #

SPUDDED: DATE 1-6-86

TIME 7:30 AM

HOW Rat Hole Digger

DRILLING WILL COMMENCE 1-30-86 - Parker Rig #56

REPORTED BY Ron Gorobi

TELEPHONE # 789-6232

DATE 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 Drlg. #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
307-876-2306

DELIVERY TICKET
№ 4097

Date 2-1-86

Operator Chevron U.S.A. Contractor Parker Drlg. 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.
Annualar 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.

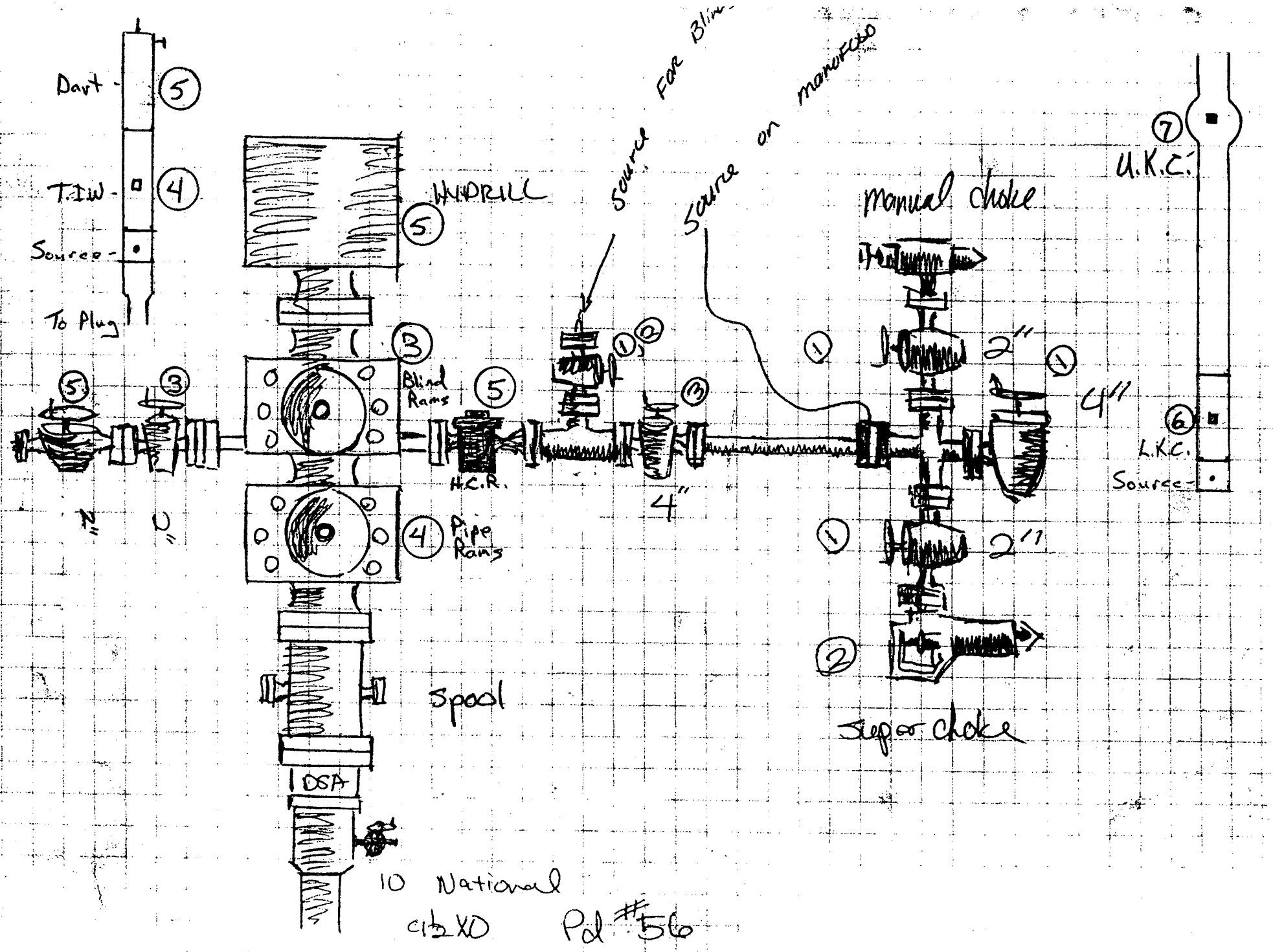
Closed Casing Head Valve Yes Set Wear Sleeve Yes (Retriever on Loc.)

Comments Fill Choke Line & Manifold w/ Methanol, Swaco - Super Choke Regulator Needs Repair. - Tested O.K.

Rates:

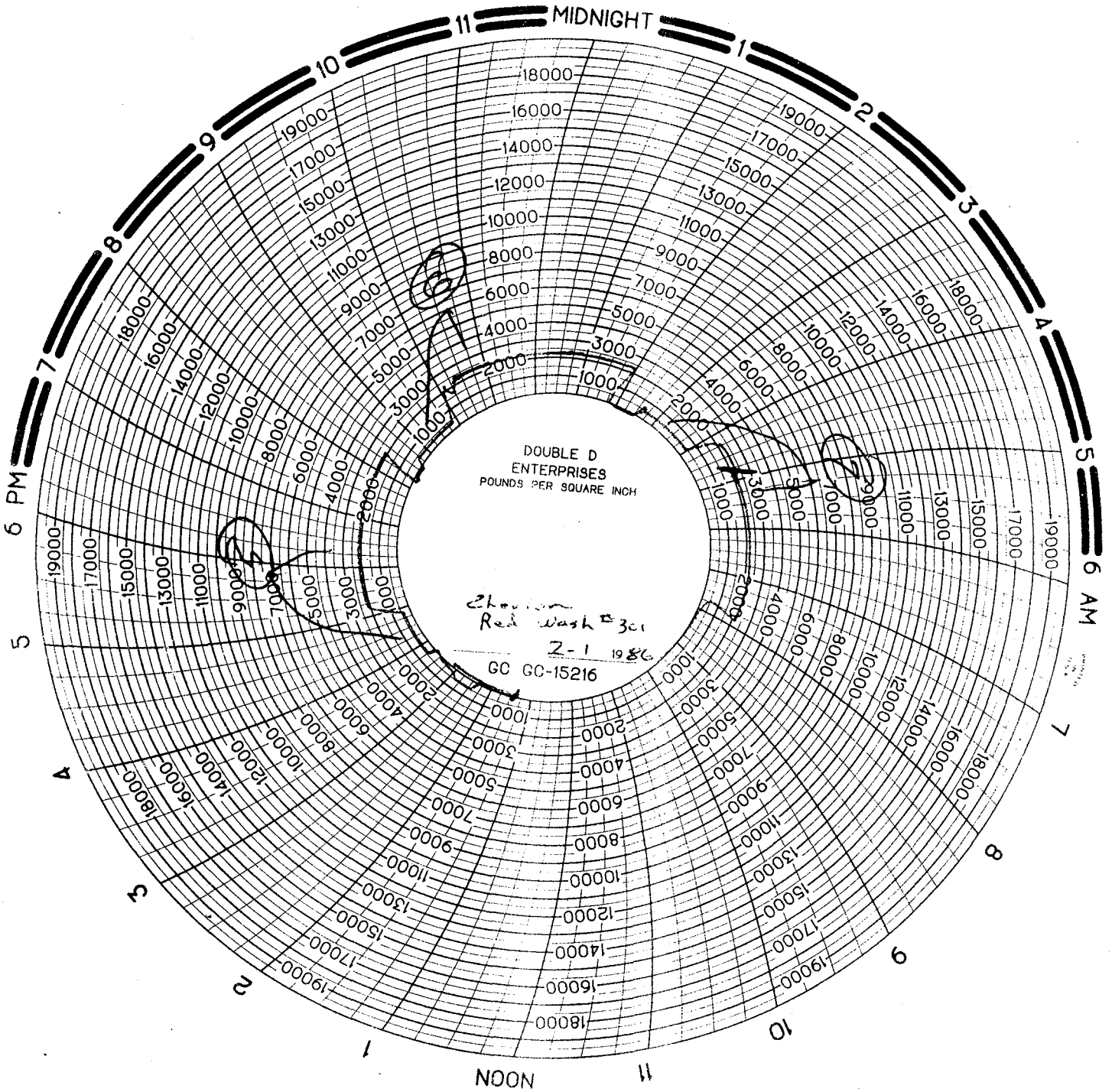
COMPANY	LEASE AND WELL NAME #	DATE OF TEST	RIG # AND NAME
Chevron	Red Wash Unit #301	2-1-86	P./D. #56

#	TIME	
	—	Load Out & 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, & Flush Valve
)R	2:35 - 2:50	High 2100 - Inside Valves Choke Manifold
	2:50 - 3:00	Switch Valves - Close Super Choke (Choke Control Not Working will Repair)
(2)	3:00 - 3:05	Low 250 Super Choke, & Riser Valve on
	3:05 - 3:20	High 2100 Choke Line
	3:20 - 3:50	Up Jt. w/x/o sub, Set Plug, Fill Stack, Drop Die
	3:50 - 4:10	Finish Koomey lines, & Work Rams & H.C.R.
(3)	4:10 - 4:15	Low 250 - Blind Rams, 1st Man. Valve Kill Line
	4:15 - 4:30	High 2100 - & Manuel Valve on Choke Line
	4:30 - 4:45	Up Jt. & Screw into Plug, w/ T.I.W, Dart, & Circ. Sub.
(4)	4:45 - 4:50	Low 250 Pipe Rams, & T.I.W. = Floor Valve
	4:50 - 5:05	High 2100
	5:05 - 5:25	Switch to Hydrill, Work & Close H.C.R.
(5)	5:25 - 5:30	Low 250 - Hydrill, H.C.R., 2nd Man. Valve Kill Line
	5:30 - 5:45	High 2100 - & Dart Valve
	5:45 - —	Pull Plug, Drain B.O.P's, Choke & Kill lines
	— 6:35	Close Casing Head, Wear Bushing, Rm Accumulator Check,
(6)	6:35 - 6:40	Low 250 - Lower Kelly Cock.
	6:40 - 6:55	High 2100 -
	6:55 - 7:00	Open B.K.C. & Fill Kelly to test U.K.C.
(7)	7:00 - 7:05	Low 250 - Upper Kelly Cock.
	7:05 - 7:20	High 2100 -
	7:20 - —	Rig down & Break-out Subs
	— —	Fill Choke Manifold & Line w/ Methanol
	— —	Set Valves & Load Out
	—	Travel to Shop
	—	Report


Dart
5
T.IW
4
Source
To Plug
5
3
N"
0"
3
Blind Rams
5
H.C.R.
4
Pipe Rams
HYDRILL
5
Spool
DSA
10 National
c1b XO
Source for Blind
Source on manifold
1
2
3
4"
1
manual choke
2"
1
4"
1
2"
2
Super choke
7
U.K.C.
6
L.K.C.
Source

Pd #56
Chavon

NOON
MIDNIGHT
6 AM
6 PM
DOUBLE D
ENTERPRISES
POUNDS PER SQUARE INCH
GC GC-15216
2-1 1986
PRINTED IN U.S.A.


MIDNIGHT
NOON
6 AM
6 PM
DOUBLE D
ENTERPRISES
POUNDS PER SQUARE INCH
Chevron
Red Wash #301
2-1 1986
GC GC-15216

NAME	ACTION CODE(S)	INTL
NORM		
TAMI		
VICKY		VC
CLAUDIA		VC
STEPHANE		SD
CHARLES		CP
RULA		KM
MARY ALICE		MA
CONNIE		CS
MILLIE		MS
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 UNIT 301 (43-15 B

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

DRILLING CONTRACTOR: Parker Drilling

RIG # 56

BOP TEST: DATE: 2/8/86

TIME: 7:00 A

DRILLING: 4638'

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

H_2S:

13 5/8" ~~3000~~ 5000 #.

REPORTED BY: Charles Boyson

TELEPHONE NO. 789-6232 789-2442

DATE: 2/7/86 SIGNED Jim S.

state

DOUBLE "D" ENTERPRISES

B.O.P. Test Report

B.O.P. TEST PERFORMED ON (DATE) 2-9-86

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 Boykin

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

№ 3725

2-9-86

Operator Chevron USA Contractor Parke Drlg. Rig No. 56

Ordered By Charly Boykin Lease Red wash Well No. unit 301

Uintah Section 15 Township 7 S Range 23 E

Items Tested:

	Low Test	Time Held	High Test	Time Held	Comments
Top Pipe Rams					
Bottom Pipe Rams	200	5 min	2100	15 min	ok
Blind Rams	200		2100		ok
Annualar 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 Methonal (wear Ring Retriever in Locat

Rates:

Minimum Charge 6 hr min @

Additional Charge

Mileage 60 mi @ 1.00 mi

Test Plug 10" Nat @ 150.00

Top Sub 4½ xH @ 50.00

Kelly Sub 4½ xH @ 50.00

Crossover Subs 4½xH - 4½xH @ 50.00

Methanol Charge 50 gal methanol @ 2.00 gal

Other

Sub Total

Tested By [signature] N003-2320

Tax

Signature of Company Rep. [signature] Line 15 2/9/86

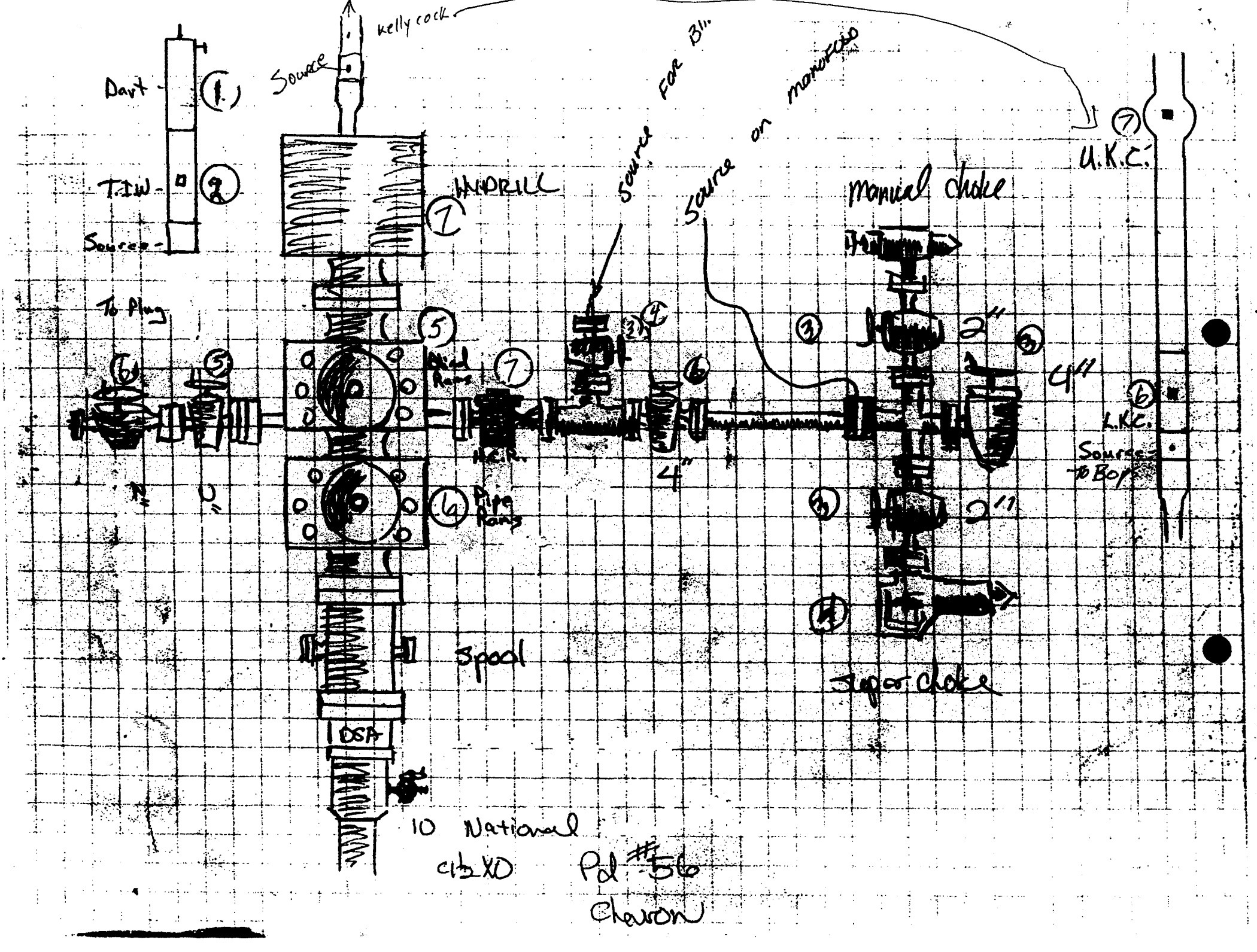
Total

50 # W1-178023-CWB

DDT-001

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 UKC
	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


Dart
T.I.W.
Source
To Plug
Source
kelly cock
HYDRILL
Source for B11
Source on manifold
Manual choke
U.K.C.
L.K.C.
Source to Bop
Blind Rams
H.C.R.
Pipe Rams
Spool
DSA
Super choke
10 National
c1b XO
Pd #56
Chevron

DOUBLE D
ENTERPRISES
POUNDS PER SQUARE INCH
Parker Drlg #54
Chevron-Redwash
Unit 301
2-9
1986
GC-15216
MIDNIGHT
NOON
6 PM
6 AM
PRINTED IN U.S.A.

NAME	ACTION CODE(S)	INTL
NORM		
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)

Form 3160-5
(Formerly 9-331)

DEPARTMENT OF THE INTERIOR (Other instructions on reverse side)
BUREAU OF LAND MANAGEMENT

Expires August 31, 1985
5. LEASE DESIGNATION AND SERIAL NO.
U-081
6. IF INDIAN, ALLOTTEE OR TRIBE NAME

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 [X] 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)

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

14. PERMIT NO.: 43-047-31682
15. ELEVATIONS (Show whether DF, RT, GR, etc.): 5604' GR
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:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF		PULL OR ALTER CASING		WATER SHUT-OFF		REPAIRING WELL	
FRACTURE TREAT	X	MULTIPLE COMPLETE		FRACTURE TREATMENT		ALTERING CASING	
SHOOT OR ACIDIZE	X	ABANDON*		SHOOTING OR ACIDIZING		ABANDONMENT*	
REPAIR WELL		CHANGE PLANS		(Other)			
(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' PBTD. 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. L. Kirkpatrick/jlw TITLE Associate Environmental Specialist DATE March 24, 1986

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

Federal approval of this action is required before commencing operations.

*See Instructions on Reverse Side

ACCEPTED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING
DATE: 3-28-86
BY: John R. Baza

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 approved – Budget Bureau No. 1004-0138 Expires August 31, 1985

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 Unit
Participating Area Green River
County Uintah State Utah
Operator 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. & ¼ of ¼	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' 7" Csg @ 5900' WOCR

RECEIVED
APR 10 1986
DIVISION OF
OIL, GAS & MINING

*If none, so state.

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

APR 14 1986 APR 10 19

	Oil & Condensate (BBLS)	Gas (MCF)	Water (BBLS)
*On hand, Start of Month	0	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX
*Produced	0	0	0
*Sold	0	0	XXXXXXXXXXXXXXXX
*Spilled or Lost	0	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX
*Flared or Vented	XXXXXXXXXXXXXXXX	0	XXXXXXXXXXXXXXXX
*Used on Lease	0	0	XXXXXXXXXXXXXXXX
*Injected	0	0	0
*Surface Pits	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX	0
*Other (Identify)	0	0	0
*On hand, End of Month	0	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX
*API Gravity/BTU Content	–	0	XXXXXXXXXXXXXXXX

Authorized Signature: Arlene F. Busch Address: P. O. Box 599, Denver, CO 80201
Title: Engineering Assistant Page ____ of ____

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 3160-4
(November 1983)
(formerly 9-330)

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: OIL WELL [X] GAS WELL [ ] DRY [ ] Other

b. TYPE OF COMPLETION: NEW WELL [X] WORK OVER [ ] DEEP-EN [ ] PLUG BACK [ ] DIFF. RESVR. [ ] Other

RECEIVED APR 30 1986 DIVISION OF OIL, GAS & MINING

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

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

14. PERMIT NO.	DATE ISSUED	12. COUNTY OR PARISH	13. STATE
43-047-31682	10/31/85	Uintah	Utah

15. DATE SPUDDED	16. DATE T.D. REACHED	17. DATE COMPL. (Ready to prod.)	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*	19. ELEV. CASINGHEAD
1/30/86	2/16/86	4-7-86	5604' GR	

20. TOTAL DEPTH, MD & TVD	21. PLUG, BACK T.D., MD & TVD	22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY	ROTARY TOOLS	CABLE TOOLS
5900'	5455'	--	→	All	--

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'	12¼	250 sks 'G' + 290 CC to surface	--
7	23#/26# K55/ N80	5900'	8-3/4	800 sks 65/35 litc & 400 sks 'G'	--

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

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: 860507 cp

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)

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.

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):

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
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.)

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' "

38. GEOLOGIC MARKERS

NAME	TOP MEAS. DEPTH	TOP TRUE VERT. DEPTH
Uinta Fm	Surface	Surface
Green River Fm	2993'	2993'

Form 3160-5
(November 1983)
(Formerly 9-331)

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

5. LEASE DESIGNATION AND SERIAL NO.
U-081 POW

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
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 [X] GAS WELL [ ] OTHER

7. UNIT AGREEMENT NAME
Red Wash

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

8. FARM OR LEASE NAME
RMU

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

9. WELL NO.
301

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

10. FIELD AND POOL, OR WILDCAT
Red Wash

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
S15, T7S, R23E

14. PERMIT NO.
43-047-31682

15. ELEVATIONS (Show whether DF, RT, GR, etc.)
5621' KB

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:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF		PULL OR ALTER CASING		WATER SHUT-OFF		REPAIRING WELL	
FRACTURE TREAT	X	MULTIPLE COMPLETE		FRACTURE TREATMENT		ALTERING CASING	
SHOOT OR ACIDIZE	X	ABANDON*		SHOOTING OR ACIDIZING		ABANDONMENT*	
REPAIR WELL		CHANGE PLANS		(Other)			
(Other) Cased Hole Logs			X	(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-Drlg
1-File

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

SIGNED G.K. Watson TITLE Office Assistant DATE August 7, 1987

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

ACCEPTED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING
DATE: 8-21-87
BY: John R. Baza

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.

Form 3160-5
(November 1983)
(Formerly 9-331)

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.)

5. LEASE DESIGNATION AND SERIAL NO.: U-081 POW

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: 082702

1. OIL WELL [X] GAS WELL [ ] OTHER

7. UNIT AGREEMENT NAME: Red Wash

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

AUG 24 1987

8. FARM OR LEASE NAME:

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

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

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: 1900' FSL and 620' FEL NE¼SE¼

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

14. PERMIT NO.: 43-047-31682

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

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:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	[ ]	PULL OR ALTER CASING	[ ]	WATER SHUT-OFF	[ ]	REPAIRING WELL	[ ]
FRACTURE TREAT	[X]	MULTIPLE COMPLETE	[ ]	FRACTURE TREATMENT	[ ]	ALTERING CASING	[ ]
SHOOT OR ACIDIZE	[ ]	ABANDON*	[ ]	SHOOTING OR ACIDIZING	[ ]	ABANDONMENT*	[ ]
REPAIR WELL	[ ]	CHANGE PLANS	[ ]	(Other)			[ ]
(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_B) and 4566'-76' (F_R). 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 J. K. Watson TITLE Office Assistant DATE August 18, 1987

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

Federal approval of this action is required before commencing operations.

ACCEPTED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING
DATE: 8-26-87
BY: John R. Baza

*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.

Form 3160-5
(November 1983)
(Formerly 9-331)

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.)

5. LEASE DESIGNATION AND SERIAL NO.: U-081 POW

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: 101309

1. OIL WELL [X] GAS WELL [ ] OTHER

7. UNIT AGREEMENT NAME: Red Wash Unit

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

8. FARM OR LEASE NAME: Red Wash Unit

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

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

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

10. FIELD AND POOL, OR WILDCAT: Red Wash

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

14. PERMIT NO.: 43-047-31682

15. ELEVATIONS (Show whether DF, RT, GR, etc.): 5621' KB

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:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	[ ]	PULL OR ALTER CASING	[ ]	WATER SHUT-OFF	[ ]	REPAIRING WELL	[ ]
FRACTURE TREAT	[ ]	MULTIPLE COMPLETE	[ ]	FRACTURE TREATMENT	[X]	ALTERING CASING	[ ]
SHOOT OR ACIDIZE	[ ]	ABANDON*	[ ]	SHOOTING OR ACIDIZING	[X]	ABANDONMENT*	[ ]
REPAIR WELL	[ ]	CHANGE PLANS	[ ]	(Other) Cased hole logs			[ ]
(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.)*

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_B (5540-46) and F_R (4566-4576) w/4 SPF.
6. Selectively broke down and swabbed K_B (5540-46), F_T (4597-4602), and F_R (4566-4576).
7. Perforated K_D (5602-5609), acidized K_D (5602-09) with 500 gal 15% HCl, communicated to K_B (5540-46).
8. Set CICR at 5570 and cement squeezed K_D (5602-09) with 100 sx Class H.
9. CO to new PBTD at 5570'.
10. Reperforated K_B and (5540-46) and J_E (5406-14) at 4 SPF.
11. Acidized K_B and J_e with 250 gal 15% HCl each.
12. Fracture stimulated F_R (4566-76) and F_T (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

RECEIVED OCT 7 1987 DIVISION OF OIL GAS & MINING

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)

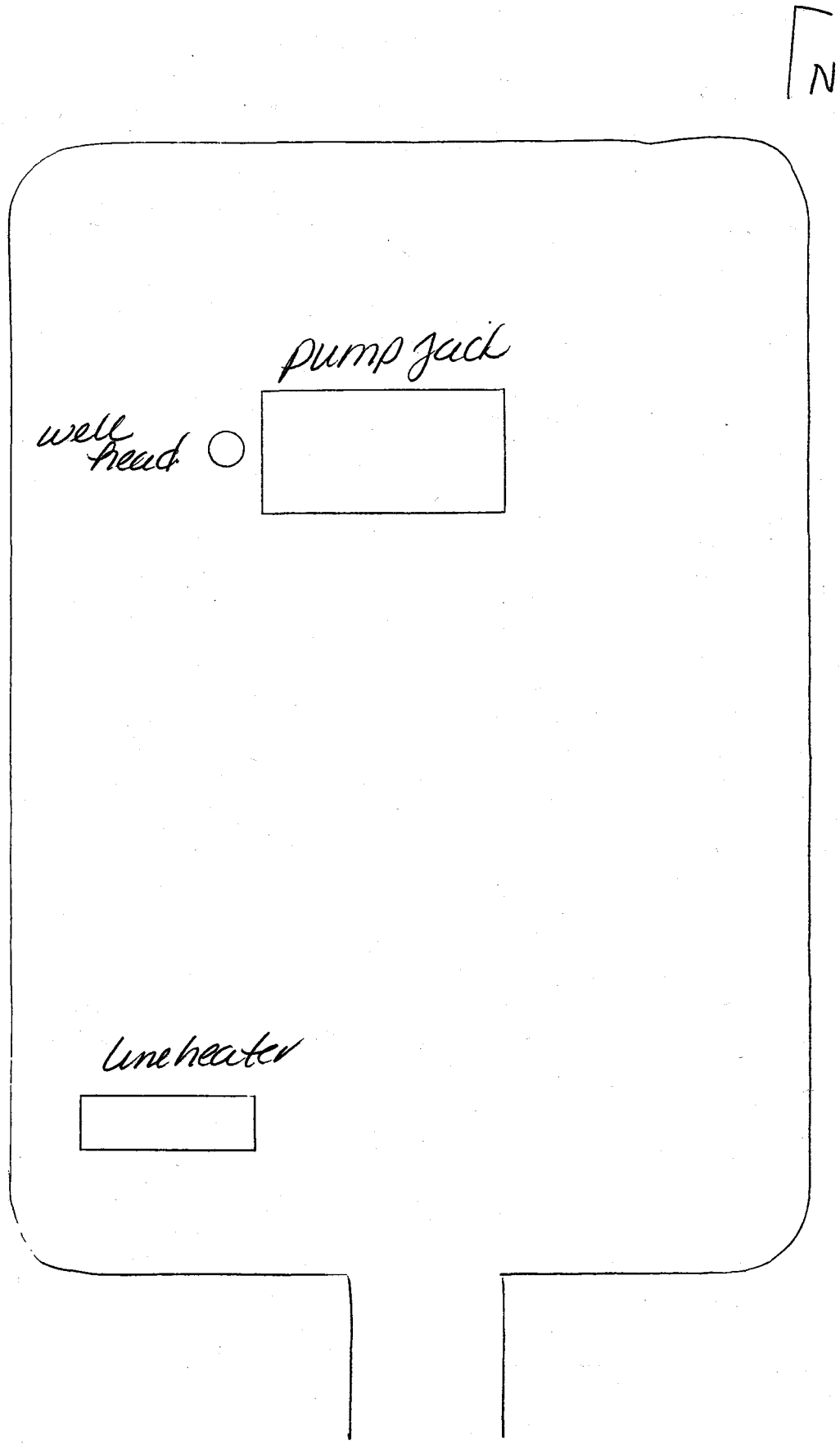
APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

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.

Route 301 43-15B Sec15, 7So, 23E Kimbly 14 Sept 88



Form 3160-5
(November 1983)
(Formerly 9-331)

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.)

5. LEASE DESIGNATION AND SERIAL NO.: U-081

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

1. OIL WELL [X] GAS WELL [ ] OTHER

7. UNIT AGREEMENT NAME: Red Wash Unit

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

8. FARM OR LEASE NAME: Red Wash

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

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

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)

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

RECEIVED JAN 30 1989 DIVISION OF OIL, GAS & MINING

14. PERMIT NO.: 43-047-31682

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

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:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF		PULL OR ALTER CASING		WATER SHUT-OFF		REPAIRING WELL	
FRACTURE TREAT		MULTIPLE COMPLETE		FRACTURE TREATMENT		ALTERING CASING	
SHOOT OR ACIDIZE	X	ABANDON*		SHOOTING OR ACIDIZING		ABANDONMENT*	
REPAIR WELL		CHANGE PLANS		(Other)			
(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' (PBTD).
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-Drlg
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 _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

ACCEPTED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING
DATE: 2-2-89
BY: John R. Baza

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.

Form 3160-5
(November 1983)
(Formerly 9-331)

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

9

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.)

5. LEASE DESIGNATION AND SERIAL NO.: U-081

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

1. OIL WELL [X] GAS WELL [ ] OTHER

7. UNIT AGREEMENT NAME: Red Wash Unit

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

8. FARM OR LEASE NAME: Red Wash

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

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

RECEIVED MAR 01 1989 DIVISION OF OIL, GAS & MINING

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)

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

14. PERMIT NO.: 43-047-31682

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

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:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF		PULL OR ALTER CASING		WATER SHUT-OFF	X	REPAIRING WELL	
FRACTURE TREAT		MULTIPLE COMPLETE		FRACTURE TREATMENT	X	ALTERING CASING	
SHOOT OR ACIDIZE		ABANDON*		SHOOTING OR ACIDIZING	X	ABANDONMENT*	
REPAIR WELL		CHANGE PLANS		(Other)			
(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.)*

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_d (5,160'-64'), G_q/G_r (4,791'-4,804'), G_g/G_h (4,673'-82'), G_b/G_c (4,635'-41') @ 4 spf, 90° ph.
4. Selectively acidized: I_d (500 gal 15% HCL), communicated to I_c & I_b perfs. Swabbed back load.
   Selectively acidized: G_q/G_r (1,000 gal); swabbed back load.
5. Pumped settle-pack frac on $I_d/I_c/I_b$ 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_g/G_h (750 gal), G_b/G_c (500 gal). Swabbed back loads.
7. Cement squeezed G_q/G_r (4,791'-4,804') and G_b/G_c (4,635'-41') w/100 sx each to shut off water.
8. Cleaned out to PBTD w/bit & scraper.
9. Reperforated G_g/G_h 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 J. R. Watson 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

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 3160-5
(June 1990)

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

5. Lease Designation and Serial No.
U-081

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE

7. If Unit or CA, Agreement Designation
Red Wash

1. Type of Well
[X] Oil Well [ ] Gas Well [ ] Other

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

2. Name of Operator
Chevron U.S.A. Inc.

9. API Well No.
43-047-31682

3. Address and Telephone No.
P.O. Box 599, Denver, CO 80201 (303) 930-3691

10. Field and Pool, or Exploratory Area
Red Wash

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

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	
[ ] Notice of Intent	[ ] Abandonment	[ ] Change of Plans
	[ ] Recompletion	[ ] New Construction
[X] Subsequent Report	[ ] Plugging Back	[ ] Non-Routine Fracturing
	[ ] Casing Repair	[ ] Water Shut-Off
[ ] Final Abandonment Notice	[ ] Altering Casing	[ ] Conversion to Injection
	[X] Other Shut In	[ ] 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.

☼See instruction on Reverse Side

Chevron

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

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

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

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

Form 3160-5
(June 1990)

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

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

1. Type of Well
[X] Oil Well [ ] Gas Well [ ] Other

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

2. Name of Operator
Chevron U.S.A. Inc.

9. API Well No.
43-047-31682

3. Address and Telephone No.
P.O. Box 455, Vernal, Utah 84078 (801) 789-2442

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

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
1900 FSL, 620 FEL, SEC. 15, T7S, R23E

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	
[ ] Notice of Intent	[ ] Abandonment	[ ] Change of Plans
[X] Subsequent Report	[ ] Recompletion	[ ] New Construction
[ ] Final Abandonment Notice	[ ] Plugging Back	[ ] Non-Routine Fracturing
	[ ] Casing Repair	[ ] Water Shut-Off
	[ ] Altering Casing	[ ] Conversion to Injection
	[X] Other _____	[ ] 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 Diana Hough Title Oper. Assistant Date 02/10/93

(This space for Federal or State office use)

Approved by: _____ Title _____ Date _____
Conditions of approval, if any:

FVLARB-5.BLM (JRL #2)

Form 3160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
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Expires: March 31, 1993

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5. Lease Designation and Serial No.
U-081

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SUBMIT IN TRIPLICATE

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

1. Type of Well
Oil Well [X] Gas Well [ ] Other [ ]

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

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

9. API Well No.
43-047-31682

3. Address and Telephone No.
P. O. BOX 455, VERNAL, UT 84078 (801) 781-4302

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

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

11. County or Parish, State
UINTAH, UTAH

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[X] Notice of Intent	[ ] Abandonment	[ ] Change of Plans
	[X] Recompletion	[ ] New Construction
[ ] Subsequent Report	[X] Plugging Back	[ ] Non-Routine Fracturing
	[ ] Casing Repair	[ ] Water Shut-Off
[ ] Final Abandonment Notice	[ ] Altering Casing	[ ] Conversion to Injection
	[ ] Other _____	[ ] 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: 3-30-94
BY: [signature]

RECEIVED
MAR 29 1994
DIV. OF OIL, GAS & MINING

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.

***See instruction on Reverse Side**

Form 3160-5
(June 1990)

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

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Use "APPLICATION FOR PERMIT--" for such proposals

5. Lease Designation and Serial No.
U-081

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE

RECEIVED
MAY 25 1994
DIV. OF OIL, GAS & MINING

1. Type of Well
[X] Oil Well [ ] Gas Well [ ] Other

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

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

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

9. API Well No.
43-047-31682

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

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

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

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	
[ ] Notice of Intent	[ ] Abandonment	[ ] Change of Plans
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	[ ] Casing Repair	[ ] Water Shut-Off
[ ] Final Abandonment Notice	[ ] Altering Casing	[ ] Conversion to Injection
	[ ] Other _____	[ ] 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 [signature] 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.

***See instruction on Reverse Side**

Form Approved. OMB No. 2040-0042. Expires 3-31-95

Form 4 UIC	UNITED STATES ENVIRONMENTAL PROTECTION AGENCY **UNDERGROUND INJECTION CONTROL PERMIT APPLICATION** *(Collected under the authority of the Safe Drinking Water Act, Section 1421, 1422, 40 CFR 144)*	I. EPA ID NUMBER U / T/A / C

READ ATTACHED INSTRUCTION BEFORE STARTING

FOR OFFICAL USE ONLY

Application approved mo day year	Date Received mo day year	Permit / Well Number	Comments

II. NAME AND ADDRESS OF FACILITY

Facility Name: RED WASH UNIT #301 (43-15B)

Street Address: 11002 EAST 17500 SOUTH

City: VERNAL | State: UT | ZIP Code: 84078-8526

III. OWNER / OPERATOR AND ADDRESS

Owner / Operator Name: CHEVRON USA PRODUCTION CO., INC

Street Address: 11002 EAST 17500 SOUTH

City: VERNAL | State: UT | ZIP Code: 84078-8526

IV OWNERSHIP STATUS (*Mark 'x'*)

☒ A. Federal ☐ B. State ☐ C. Private

☐ D. Public ☐ E. Other (*Explain*)

V. SIC CODES

1311

VI. WELL STATUS (Mark 'x')

☒ A. Flowing gas well — Date Started: mo / day / year

☒ B. Modification / Conversion ☐ C. Proposed

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*)

☒ A. Individual ☐ B. Area

Number of Existing wells: 1

Number of Proposed wells: 1

Name(s) of field(s) or project(s): **RED WASH UNIT #301 (43-15B)**

VII. CLASS AND TYPE OF WELL (*see reverse*)

A. Class(es) (*enter code(s)*)	B. Type(s) (*enter code(s)*)	C. If class is "other" or type is code 'x', explain	D. Number of wells per type (if area permit)
II	ER		

IX. LOCATION OF WELL(S) OR APPROXIMATE CENTER OF FIELD OR PROJECT

C	A. Latitude Deg	Min	Sec	B. Longitude Deg	Min	Sec	Township and Range Twsp	Range	Sec	¼ Sec	Feet from	Line	Feet from	Line
							7S	23E	15	NESE	1900	FSL	620	FEL

X. INDIAN LANDS (*Mark 'x'*) ☒ A. Yes ☐ B. No

XI. ATTACHMENTS

(Compete the following questions on a separate sheet(s) and number accordingly; see instructions)
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 imprisionment. (Ref. 40 CFR 144.32)

A. Name and Title (*Type or Print*)
John T Conley
Red Wash Asset Team Leader

B. Phone No. (*Area Code and No*) **(801) 781-4300**

C. Signature: J T Conley

D. Date Signed: 8-14-97

RECEIVED AUG 21 1997 DIV. OF OIL, GAS & MINING

EPA Form 7520-6 (2-84

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:

FORMATION OR MARKER	RWU #301
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:

INTERVAL	RWU #301
Target Interval	
Depths	5042-5552'
Thickness	510'
Confining Zone	
Depths	4998-5042'
Thickness	44'
Confining Zone to Green River Top	
Depths	2993-4998'
Thickness	2005'

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.

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.

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.

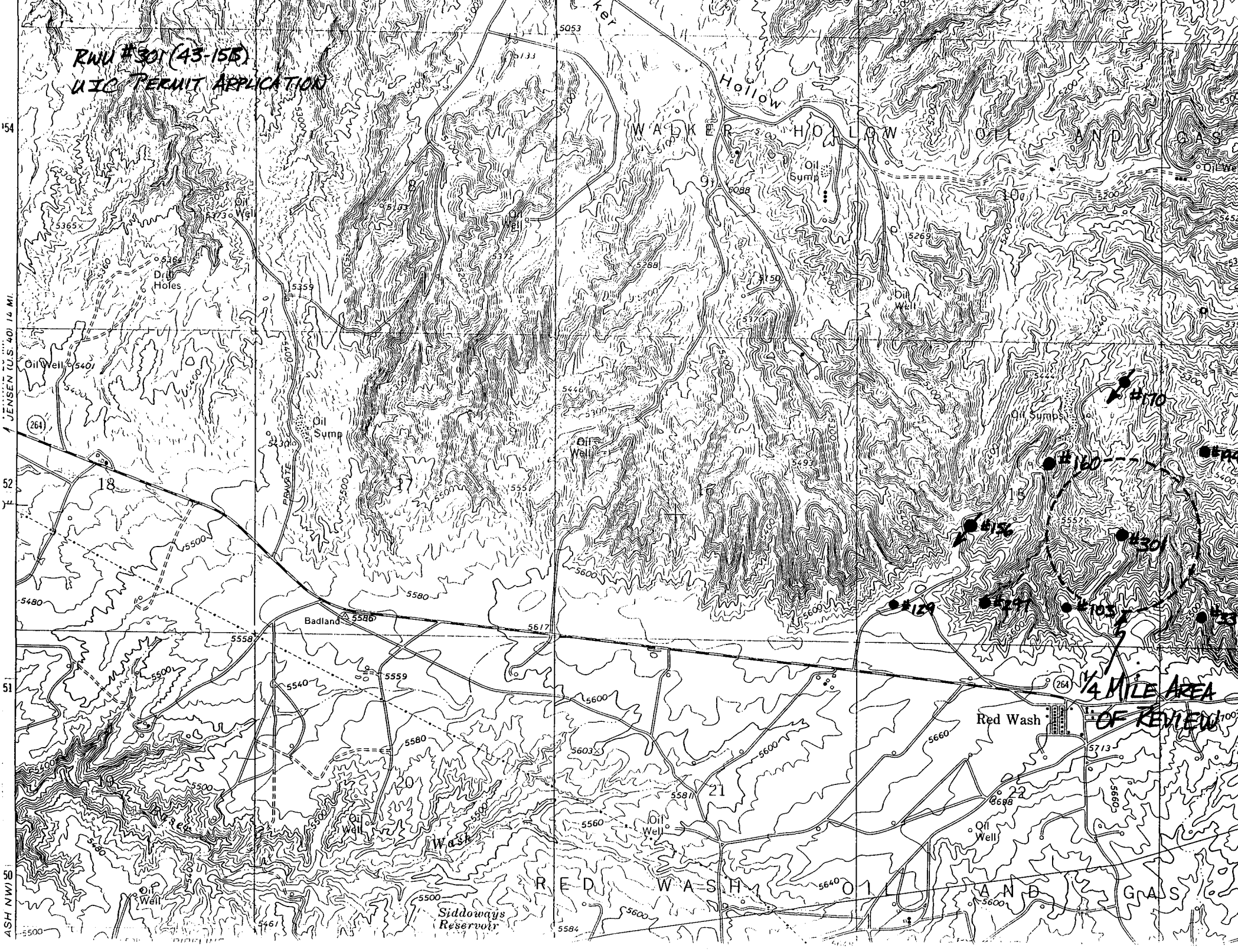
U. DESCRIPTION OF BUSINESS:

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 (43-15E)
UIC PERMIT APPLICATION
WALKER HOLLOW OIL AND GAS
Hollow
Oil Sump
Oil Well
Drill Holes
Oil Sumps
#170
#160
#156
#301
#129
#297
#103
1/4 MILE AREA OF REVIEW
Badland
Red Wash
Wash
Siddoways Reservoir
RED WASH OIL AND GAS
JENSEN (U.S. 40) 14 MI.
PRIVATE
264

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'	4566-76'	5406-14'
4958-62'	4597-4602'	5506-10' (SQZ.)
	4635-41' (SQZ.)	5540-46'
	4673-82'	5602-09' (SQZ.)
	4791-4804'	
	5090-94'	
	5097-5104'	
	5114-21'	
	5128-32'	
	5160-64'	
	5212-18'	

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'
PBTD: 5075'

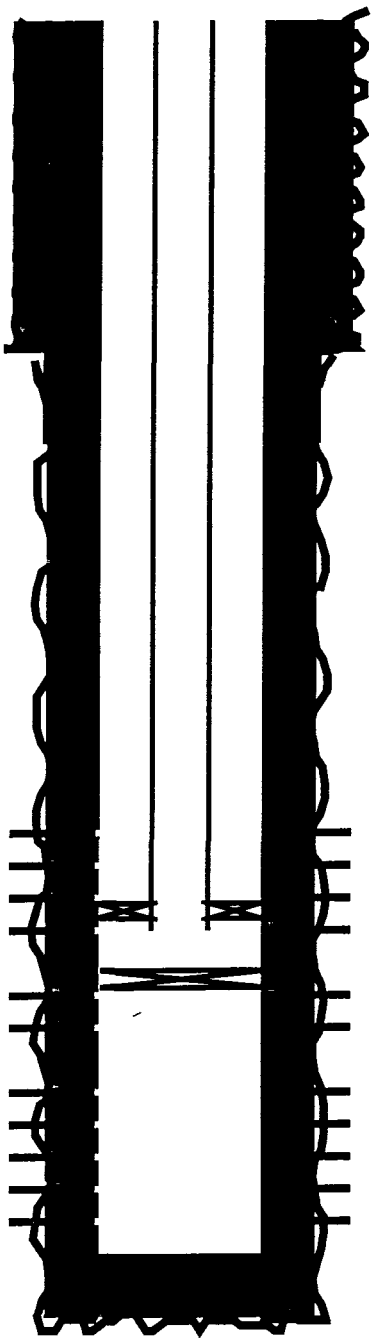
LEASE: U-081
API #: 43-047-31682
EPA ID#:

CEMENT TO SURFACE

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

CIBP @ 5075'

PBTD: 5075'
TD: 5900'



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

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'

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

Form 3160-4
(November 1983)
(formerly 9-330)

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: OIL WELL [X] GAS WELL [ ] DRY [ ] Other

b. TYPE OF COMPLETION: NEW WELL [X] 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

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

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
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

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'	12¼	250 sks 'G' + 290 CC to surface	--
7	23#/26# K55/ N80	5900'	8-3/4	800 sks 65/35 litc & 400 sks 'G'	--

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

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# 20/40 sd
5090'-5132'	30000 gal gel water frac & 4500# 20/40 sd

33.* PRODUCTION

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	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)

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.

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):

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
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.)

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' "

38. GEOLOGIC MARKERS

NAME	TOP MEAS. DEPTH	TOP TRUE VERT. DEPTH
Uinta Fm	Surface	Surface
Green River Fm	2993'	2993'

Form 3160-5
November 1983)
Formerly 9-331)

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

5. LEASE DESIGNATION AND SERIAL NO.: U-081

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

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 [X] GAS WELL [ ] OTHER

7. UNIT AGREEMENT NAME: Red Wash Unit

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

8. FARM OR LEASE NAME: Red Wash Unit

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

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

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

10. FIELD AND POOL, OR WILDCAT: Red Wash

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

14. PERMIT NO.:

15. ELEVATIONS (Show whether DF, RT, GR, etc.): 5621' KB

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:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	[ ]	PULL OR ALTER CASING	[ ]	WATER SHUT-OFF	[ ]	REPAIRING WELL	[ ]
FRACTURE TREAT	[ ]	MULTIPLE COMPLETE	[ ]	FRACTURE TREATMENT	[X]	ALTERING CASING	[ ]
SHOOT OR ACIDIZE	[ ]	ABANDON*	[ ]	SHOOTING OR ACIDIZING	[X]	ABANDONMENT*	[ ]
REPAIR WELL	[ ]	CHANGE PLANS	[ ]	(Other) Cased hole logs			
(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.)*

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_B (5540-46) and F_R (4566-4576) w/4 SPF.
6. Selectively broke down and swabbed K_B (5540-46), F_T (4597-4602), and F_R (4566-4576).
7. Perforated K_D (5602-5609), acidized K_D (5602-09) with 500 gal 15% HCl, communicated to K_B (5540-46).
8. Set CICR at 5570 and cement squeezed K_D (5602-09) with 100 sx Class H.
9. CO to new PBTD at 5570'.
10. Reperforated K_B and (5540-46) and J_E (5406-14) at 4 SPF.
11. Acidized K_B and J_e with 250 gal 15% HCl each.
12. Fracture stimulated F_R (4566-76) and F_T (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

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

SIGNED J. B. 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

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 3160-5
(November 1983)
(Formerly 9-331)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

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

5. LEASE DESIGNATION AND SERIAL NO.
U-081

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

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 [X] GAS WELL [ ] OTHER

7. UNIT AGREEMENT NAME
Red Wash Unit

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

8. FARM OR LEASE NAME
Red Wash

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

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

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)

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

14. PERMIT NO.
43-047-31682

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

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:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF		PULL OR ALTER CASING		WATER SHUT-OFF	X	REPAIRING WELL	
FRACTURE TREAT		MULTIPLE COMPLETE		FRACTURE TREATMENT	X	ALTERING CASING	
SHOOT OR ACIDIZE		ABANDON*		SHOOTING OR ACIDIZING	X	ABANDONMENT*	
REPAIR WELL		CHANGE PLANS		(Other)			
(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.)*

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_d (5,160'-64'), G_q/G_r (4,791'-4,804'), G_g/G_h (4,673'-82'), G_b/G_c (4,635'-41') @ 4 spf, 90° ph.
4. Selectively acidized: I_d (500 gal 15% HCL), communicated to I_c & I_b perfs. Swabbed back load.
   Selectively acidized: G_q/G_r (1,000 gal); swabbed back load.
5. Pumped settle-pack frac on $I_d/I_c/I_b$ 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_g/G_h (750 gal), G_b/G_c (500 gal). Swabbed back loads.
7. Cement squeezed G_q/G_r (4,791'-4,804') and G_b/G_c (4,635'-41') w/100 sx each to shut off water.
8. Cleaned out to PBTD w/bit & scraper.
9. Reperforated G_g/G_h 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 [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

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 3160-5
(June 1990)

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

5. Lease Designation and Serial No.
U-081

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE

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

1. Type of Well
[X] Oil Well [ ] Gas Well [ ] Other

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

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

9. API Well No.
43-047-31682

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

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

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

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	
[ ] Notice of Intent	[ ] Abandonment	[ ] Change of Plans
	[X] Recompletion	[ ] New Construction
[X] Subsequent Report	[X] Plugging Back	[ ] Non-Routine Fracturing
	[ ] Casing Repair	[ ] Water Shut-Off
[ ] Final Abandonment Notice	[ ] Altering Casing	[ ] Conversion to Injection
	[ ] Other _____	[ ] 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.**

RECEIVED
MAY 25 1994

14. I hereby certify that the foregoing is true and correct
Signed [signature] 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.

***See instruction on Reverse Side**

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

LABORATORY TEST RESULTS

Job Number: 974136

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

The analytical results, opinions or interpretations contained in this report are based upon information and material supplied by the client for whose exclusive and confidential use this report has been made. The analytical results, opinions or interpretations expressed represent the best judgment of Core Laboratories. Core Laboratories, however, makes no warranty or representation, express or implied, of any type, and expressly disclaims same as to the productivity, proper operations or profitableness of any oil, gas, coal or other mineral, property, well or sand in connection with which such report is used or relied upon for any reason whatsoever. This report shall not be reproduced, in whole or in part, without the written approval of Core Laboratories.

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'
PBTD: 5585'

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

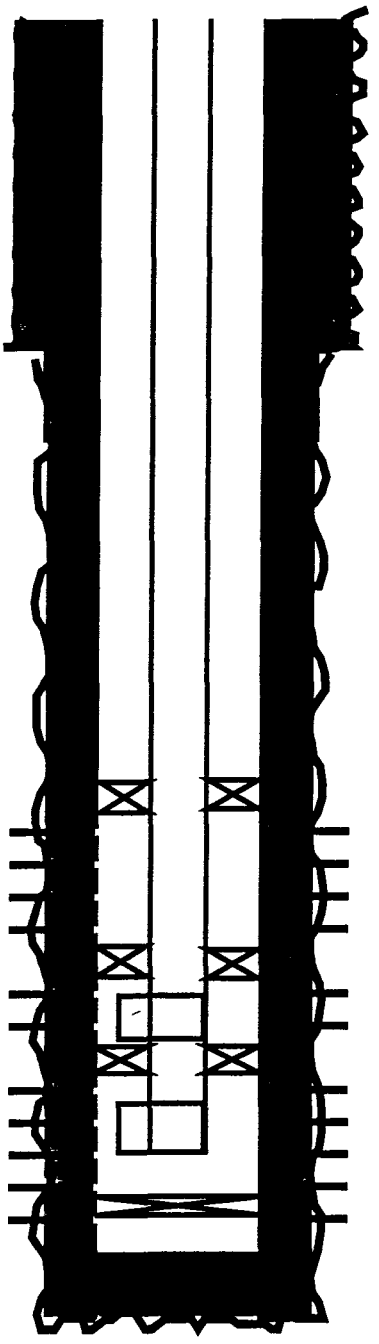
CEMENT TO SURFACE

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'.

CIBP @ 5590' WITH 5'
CLASS H ON TOP

PBTD: 5585'
TD: 5900'



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

GEOLOGIC MARKERS:

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

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'

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

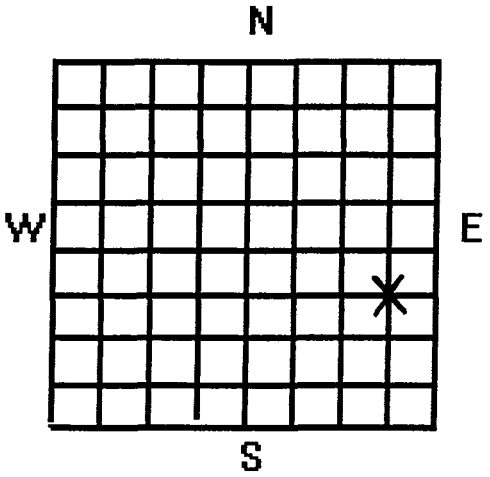
EPA

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

PLUGGING AND ABANDONMENT PLAN

NAME AND ADDRESS OF FACILITY	NAME AND ADDRESS OF OWNER/OPERATOR
RED WASH UNIT #301 (43-15B) 11002 EAST 17500 SOUTH VERNAL, UT 84078-8526	CHEVRON USA PRODUCTION CO., INC. 11002 EAST 17500 SOUTH VERNAL, UT 84078-8526

LOCATE WELL AND OUTLINE UNIT ON SECTION PLAT -- 640 ACRES



STATE	COUNTY	PERMIT NUMBER
UT	UINTAH	

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

[X] Individual Permit
[ ] Area Permit
[ ] Rule

Number of Wells 1

WELL ACTIVITY

[ ] CLASS 1
[X] CLASS II
[ ] Brine Disposal
[X] 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

[X] The Balance Method
[X] 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 immediatley 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)*	SIGNATURE	DATE SIGNED
J. T. CONLEY RED WASH ASSET TEAM LEADER	J. T. Conley	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.

P&A
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'
PBTD: 5585'

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

PLUG #4: SURFACE, BALANCED, 102 SX. CLASS H 0-490'

CEMENT TO SURFACE

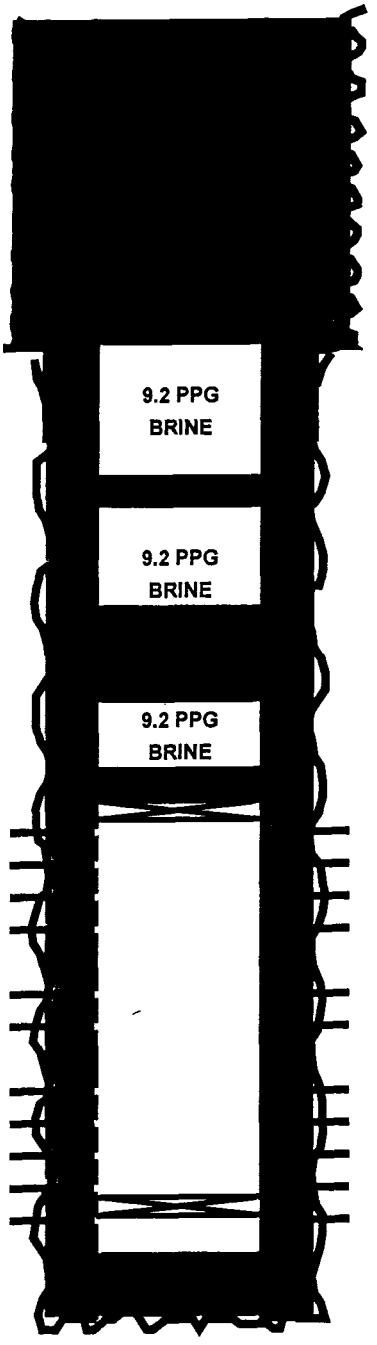
PLUG #3: GREEN RIVER FM., BALANCED, 21 SX. CLASS H 2950-3050'

PLUG #2: OIL SHALE, BALANCED, 32 SX. CLASS H 3775-3930'

PLUG #1: PERFORATIONS, CIBP @ 4550' WITH 35' (7.3 SX.) CLASS H ON TOP 4515-4550'

CIBP @ 5590' WITH 5' CLASS H ON TOP

PBTD: 5585'
TD: 5900'



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

GEOLOGIC MARKERS:

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

PERFORATIONS - GREEN RIVER FM.

4566-76'
4597-4602'
4635-41'
4673-82'
4791-4804'
4922-27'
4958-62'
5090-94'
5097-5104'
5114-21'
5128-32'
5160-64'
5212-18'
5406-14'
5464-74'
5506-10'
5540-46'
5602-09'

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 T

INJECTION WELL INVENTORY
RED WASH UNIT
UINTAH COUNTY, UTAH

WELL	LOCATION	API #	EPA 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 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

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

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

---ooOoo---

IN THE MATTER OF 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, AS CLASS II INJECTION WELLS	:	NOTICE OF AGENCY ACTION CAUSE NO. UIC-198

---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

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,

Larraine Platt

Larraine 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,

Larraine Platt

Larraine 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

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, ciculation 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 excusions 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 theformation 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.

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 Expess (UIC-). This notice addresses the request to convert this well along with three other proposed wells in the Red Wash Unit.It ie 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 there 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 submitt 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

36 5 73 4955

RECEIVED
DEC 01 1997
DIV. OF OIL, GAS & MINING

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:	**RED WASH UNIT #301 (43-15B)**
FIELD OR UNIT NAME:	**RED WASH UNIT**
WELL LOCATION:	**NESE-SEC. 15-T7S-R23E, SLBM**

Is this application for expansion of an existing project?		**[X] Yes**	**[ ] No**
Will the proposed well be used for:	Enhanced Recovery?	**[X] Yes**	**[ ] No**
	Disposal?	**[ ] Yes**	**[X] No**
	Storage?	**[ ] Yes**	**[X] No**
Is this application for a new well to be drilled?		**[ ] Yes**	**[X] No**
If this application is for and existing well, has a casing test been performed on the well?		**[ ] Yes**	**[X] No**
Date of test:	**Other than routine workover tests, none**		
API Number:	**43-047-31682**		

Proposed Injection Interval: from **5042'** to **5552'**

Proposed maximum injection: **Rate** **N/A** **Pressure** **1745** **psig**

Proposed injection zone contains [X] oil, [X]gas and/or [ ] fresh water within 1/2 mile of the well.

IMPORTANT: Additional information as required by R649-5-2 should accompany this form.

List of Attachments: Copy of EPA UIC application package previously submitted.

I certify that this report is true and complete to the best of my knowledge.

Name:	**J. T. Conley**	Signature	J T Conley
Title:	**Red Wash Asset Team Leader**	Date	11-25-97
Phone No.	**(801)781-4301**		

(State use only)
Application approved by _____ Title _____
Approval Date _____

Form 3160-5
(June 1990)

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

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

SUBMIT IN TRIPLICATE

1. Type of Well
   [X] Oil Well [ ] Gas 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

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

TYPE OF SUBMISSION	TYPE OF ACTION	
[X] Notice of Intent	[ ] Abandonment	[ ] Change of Plans
	[ ] Recompletion	[ ] New Construction
[ ] Subsequent Report	[ ] Plugging Back	[ ] Non-Routine Fracturing
	[ ] Casing Repair	[ ] Water Shut-Off
[ ] Final Abandonment Notice	[ ] Altering Casing	[ ] Conversion to Injection
	[X] 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.

RECEIVED
DEC 19 1997
DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct.
Signed DC Jarnes 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
Governor
Ted Stewart
Executive Director
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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)

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 — John R. Baza

12/23/97 — Date

Chevron

MARCH 11, 1998

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

RECEIVED
MAR 20 1998
DIV. OF OIL, GAS & MINING

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.7S R.23 E

Well	EPA ID#	Water S.G.	Top Perf. ft.	Max. Surface Pressure, psi	
RWU #17	UT2810-04346	1.015	5572	2064	43-047-15146
RWU #52	UT2811-04347	1.0071	5660	2116	43-047-15178
RWU #258	UT2812-04348	1.025	5507	2016	43-047-30458
RWU #261	UT2835-04402	1.015	5655	2095	43-047-32739
RWU #268	UT2832-04399	1.015	5573	2064	43-047-32980
RWU #283	UT2833-04400	1.0071	5583 (est.)	2087	43-047-32982
RWU #301	UT2834-04401	1.015	5090	1886	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

Chevron

MARCH 11, 1998

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

RECEIVED
MAR 20 1998
DIV. OF OIL, GAS & MINING

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REGION VIII
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Sincerely,

J. T. CONLEY
RED WASH ASSET TEAM LEADER

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. 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, AS CLASS II INJECTION WELLS.

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

Published in the Vernal Express Nov. 12, 1997.

PROOF OF PUBLICATION

STATE OF UTAH,
} SS.
County of Uintah

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.....
Manager

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

.....
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 NA DESERET NEWS

CUSTOMER'S COPY

PROOF OF PUBLICATION

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

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

THE MATTER OF THE APPLICA-
N OF CHEVRON U.S.A. PRO-
CTION COMPANY, INC. FOR
MINISTRATIVE APPROVAL OF
RED WASH UNIT 301, 261, 268
D 283 WELLS LOCATED IN
CTIONS 15, 17 AND 18, TOWN-
P 7 SOUTH, RANGE 23 EAST,
M., UINTAH COUNTY, UTAH, AS
CLASS II INJECTION WELLS.

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549-10, Administrative Proce-
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The interval from 5042 feet to
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d for water injection. The maxi-
um injection pressure will be
stablished for each well
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rmation submitted by the op-
rator.

Any person desiring to object
the application or otherwise
ntervene in the proceeding,
ust file a written protest or no-
ce of intervention with the Divi-
on within fifteen days follow-
g publication of this notice. If
ch a protest or notice of inter-
ention is received, a hearing
ill be scheduled before the
oard of Oil, Gas and Mining.
rotestants and/or intervenors
hould be prepared to demon-
trate at the hearing how ths
atter affects their interests.

DATED this 6th day of Novem-
er 1997.

TATE OF UTAH
IV. OF OIL, GAS AND MINING
s/ John R. Baza
ssociate Director
7820090

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 ACTIONCAUSE N	
SIZE	
75 LINES 1.00 COLUMN	
TIMES	RATE
1	1.64
MISC. CHARGES	AD CHARGES
.00	123.00
	TOTAL COST
	123.00

2871
NCAD8

AFFIDAVIT OF PUBLICATION

AS NEWSPAPER AGENCY CORPORATION LEGAL BOOKKEEPER, I CERTIFY THAT THE ATTACHED ADVERTISEMENT OF NOTICE OF AGENCY ACTIONCAUSE 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 Jeane Kong

DATE 11/11/97

Notary Public
JO[illegible]
2[illegible] Harrison St.
Salt Lake City, UT 84103
My C[illegible]

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

Chevron

FEBRUARY 24, 1999

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

Form 3160-5
(June 1990)

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

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

SUBMIT IN TRIPLICATE

1. Type of Well
   [X] Oil Well [ ] Gas 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

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

TYPE OF SUBMISSION	TYPE OF ACTION	
[ ] Notice of Intent	[ ] Abandonment	[ ] Change of Plans
	[ ] Recompletion	[ ] New Construction
[X] Subsequent Report	[ ] Plugging Back	[ ] Non-Routine Fracturing
	[ ] Casing Repair	[ ] Water Shut-Off
[ ] Final Abandonment Notice	[ ] Altering Casing	[ ] Conversion to Injection
	[X] Other TA STATUS FOR 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)

WE REQUEST A TA STATUS APPROVAL FOR THIS WELL.

WE PLAN TO RE-EVALUATE THIS WELL FOR POSIBLE 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 OPERAOTR 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**

Form 3160-5
(June 1990)

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

5. Lease Designation and Serial No.

6. If Indian, Allottee or Tribe Name
N/A

SUBMIT IN TRIPLICATE

7. If Unit or CA, Agreement Designation
RED WASH UNIT
I-SEC NO 761

1. Type of Well
Oil Well [ ] Gas Well [ ] [X] Other MULTIPLE WELLS SEE ATTACHED LIST

8. Well Name and No.

2. Name of Operator
CHEVRON U.S.A. INC.

9. API Well No.

3. Address and Telephone No
11002 E. 17500 S. VERNAL, UT 84078-8526 (801) 781-4300

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

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

11. County or Parish, State
UINTAH, UTAH

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TYPE OF SUBMISSION	TYPE OF ACTION	
[ ] Notice of Intent	[ ] Abandonment	[ ] Change of Plans
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(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
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** 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.

***See instruction on Reverse Side**

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 17th 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
~~UTSL071964~~	~~4304730349~~	~~245 (14-30C) RED WAS~~	~~SWSW~~	~~30~~	~~T 7S~~	~~R24E~~	~~ABD~~	~~CHEVRON U S A INCORPORATED~~
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
~~UTU02149~~	~~4304730389~~	~~248 (43-20C) RED WAS~~	~~NESE~~	~~20~~	~~T 7S~~	~~R24E~~	~~ABD~~	~~CHEVRON U S A INCORPORATED~~
UTU082	4304716476	25 (23-23B) RED WASH	NESW	23	T 7S	R23E	WIW	CHEVRON U S A INCORPORATED
~~UTSL071965~~	~~4304730391~~	~~250 (41-29C) RED WAS~~	~~NENE~~	~~29~~	~~T 7S~~	~~R24E~~	~~ABD~~	~~CHEVRON U S A INCORPORATED~~
~~UTU0559~~	~~4304730457~~	~~257 (21-23A) RED WAS~~	~~NENW~~	~~23~~	~~T 7S~~	~~R22E~~	~~ABD~~	~~CHEVRON U S A INCORPORATED~~
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	NWNE	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
~~UTU0823~~	~~4304731083~~	~~274 (13-25B) RED WAS~~	~~NWSW~~	~~25~~	~~T 7S~~	~~R23E~~	~~P+A~~	~~CHEVRON U S A INCORPORATED~~
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
~~UTU0823~~	~~4304731078~~	~~281 (11-25B) RED WAS~~	~~NWNW~~	~~25~~	~~T 7S~~	~~R23E~~	~~ABD~~	~~CHEVRON U S A INCORPORATED~~
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
~~UTU082~~	~~4304731515~~	~~290 (12X-23B) RED WA~~	~~SWNW~~	~~23~~	~~T 7S~~	~~R23E~~	~~ABD~~	~~CHEVRON U S A INCORPORATED~~
~~UTU082~~	~~4304731516~~	~~291 (22X-23B) RED WA~~	~~SENW~~	~~23~~	~~T 7S~~	~~R23E~~	~~ABD~~	~~CHEVRON U S A INCORPORATED~~
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
~~STATE~~	~~4304732632~~	~~307~~	~~SWSW~~	~~16~~	~~T 7S~~	~~R24E~~	~~ABD~~	~~CHEVRON U S A INCORPORATED~~
~~UTSL071965~~	~~4304732627~~	~~308~~	~~SESW~~	~~28~~	~~T 7S~~	~~R24E~~	~~P+A~~	~~CHEVRON U S A INCORPORATED~~
UTU081	4304715158	31 (34-22B) RED WASH	SWSE	22	T 7S	R23E	POW	CHEVRON U S A INCORPORATED
~~UTSL071965~~	~~4304732628~~	~~311~~	~~NESW~~	~~26~~	~~T 7S~~	~~R24E~~	~~P+A~~	~~CHEVRON U S A INCORPORATED~~
~~UTSL071963~~	~~4304732595~~	~~312~~	~~SWNE~~	~~34~~	~~T 7S~~	~~R24E~~	~~ABD~~	~~CHEVRON U S A INCORPORATED~~
~~UTU02149~~	~~4304732630~~	~~313~~	~~NESW~~	~~20~~	~~T 7S~~	~~R24E~~	~~ABD~~	~~CHEVRON U S A INCORPORATED~~
~~UTSL071965~~	~~4304732626~~	~~314~~	~~SESW~~	~~29~~	~~T 7S~~	~~R24E~~	~~ABD~~	~~CHEVRON U S A INCORPORATED~~
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
~~UTU0823~~	~~4304715164~~	~~37 (41-25B) RED WASH~~	~~NENE~~	~~25~~	~~T 7S~~	~~R23E~~	~~ABD~~	~~CHEVRON U S A INCORPORATED~~
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
~~UTU0559~~	~~4304715181~~	~~55 (41-21A) RED WASH~~	~~NENE~~	~~21~~	~~T 7S~~	~~R22E~~	~~P+A~~	~~CHEVRON U S A INCORPORATED~~
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

Division of Oil, Gas and Mining

OPERATOR CHANGE WORKSHEET

ROUTING

1. GLH	✓	4-KAS ✓
2. CDW ✓		5-SJ ✓
3. JLT		6-FILE

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 NO.	ENTITY NO.	SEC. TWN RNG	LEASE TYPE	WELL TYPE	WELL 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: 12-30-1999

2. (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 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

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

STATE BOND VERIFICATION:

1. State well(s) covered by Bond No.: 159261960

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:

FILMING:

1. All attachments to this form have been **MICROFILMED** on: 03-09-01

FILING:

1. **ORIGINALS/COPIES** of all attachments pertaining to each individual well have been filled in each well file on: _____

COMMENTS:

QUESTAR

Questar Exploration and Production Company
Independence Plaza
1050 17th Street, Suite 500
Denver, CO 80265
Tel 303 672 6900 • Fax 303 294 9632

Denver Division

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 0 2 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	

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	

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 17th 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 it 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

Division of Oil, Gas and Mining

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**

FROM: (Old Operator):	**TO:** (New Operator):
N4235-Shenandoah Energy Inc 11002 E 17500 S Vernal, UT 84078-8526	N2460-QEP Uinta Basin Inc 11002 E 17500 S Vernal, UT 84078-8526
Phone: (435) 781-4341	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

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 6/2/2003
2. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 6/2/2003
3. The new company was checked on the **Department of Commerce, Division of Corporations Database on:** 6/19/2003
4. Is the new operator registered in the State of Utah: **YES** Business Number: 5292864-0151
5. If **NO**, the operator was contacted 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 0 7 2003

3104 (932.34)WF
Nationwide Bond ESB000024

NOTICE

QEP Uinta Basin, Inc. 1050 17th 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 Unita Basin
MFO

Form 3160-5
(April 2004)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM 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.

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

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

2. 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

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

TYPE OF SUBMISSION	TYPE OF ACTION			
☐ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☑ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☑ Other
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
	☐ Convert to Injection	☐ Plug Back	☐ 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 recomplete 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 recompletion 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 Lucius McGillivray

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 as to any matter within its jurisdiction.

(Instructions on page 2)

RECEIVED
AUG 13 2008
DIV. OF OIL, GAS & MINING

~~CONFIDENTIAL~~

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

FORM 3

AMENDED REPORT ☐

APPLICATION FOR PERMIT TO DRILL

1. WELL NAME and NUMBER
RW 43-15B

2. TYPE OF WORK
DRILL NEW WELL ○ REENTER P&A WELL ○ DEEPEN WELL ●

3. FIELD OR WILDCAT
RED WASH

4. TYPE OF WELL
Gas Well Coalbed Methane Well: NO

5. UNIT or COMMUNITIZATION AGREEMENT NAME
RED WASH

6. NAME OF OPERATOR
QUESTAR EXPLORATION & PRODUCTION CO

7. OPERATOR PHONE
435 781-4362

8. ADDRESS OF OPERATOR
11002 East 17500 South, Vernal, UT, 84078

9. OPERATOR E-MAIL
rick.canterbury@questar.com

10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE)
UTU-081

11. MINERAL OWNERSHIP
FEDERAL ● INDIAN ○ STATE ○ FEE ○

12. SURFACE OWNERSHIP
FEDERAL ● INDIAN ○ STATE ○ FEE ○

13. NAME OF SURFACE OWNER (if box 12 = 'fee')

14. SURFACE OWNER PHONE (if box 12 = 'fee')

15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee')

16. SURFACE OWNER E-MAIL (if box 12 = 'fee')

17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN')

18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS
YES ○ (Submit Commingling Application) NO ●

19. SLANT
VERTICAL ● DIRECTIONAL ○ HORIZONTAL ○

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20. LOCATION OF WELL	FOOTAGES	QTR-QTR	SECTION	TOWNSHIP	RANGE	MERIDIAN
LOCATION AT SURFACE	1898 FSL 635 FEL	NESE	15	7.0 S	23.0 E	S
Top of Uppermost Producing Zone	1898 FSL 635 FEL	NESE	15	7.0 S	23.0 E	S
At Total Depth	1898 FSL 635 FEL	NESE	15	7.0 S	23.0 E	S

21. COUNTY
UINTAH

22. DISTANCE TO NEAREST LEASE LINE (Feet)
635

23. NUMBER OF ACRES IN DRILLING UNIT
2560

25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed)
2550

26. PROPOSED DEPTH
MD: 11251 TVD: 11251

27. ELEVATION - GROUND LEVEL
5605

28. BOND NUMBER
ESB000024

29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE
A 36125 - 49-2153

ATTACHMENTS

VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES

- ☑ **WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER**
- ☑ **COMPLETE DRILLING PLAN**
- ☐ **AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)**
- ☐ **FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER**
- ☐ **DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)**
- ☑ **TOPOGRAPHICAL MAP**

NAME Jan Nelson	**TITLE** Permit Agent	**PHONE** 435 781-4331
SIGNATURE	**DATE** 10/15/2009	**EMAIL** jan.nelson@questar.com

API NUMBER ASSIGNED
43047316820000

APPROVAL

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			

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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.

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1. Formation Tops

The estimated top of important geologic markers are as follows:

Formation	Depth, TVD & MD
Green River	2,996'
Mohagany	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:

Substance	Formation	Depth, TVD & MD
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.

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.

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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.

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#/ 26#	K-55/ 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.

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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^3) 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^3/sk, 0% excess

Tail Slurry: 6,101' – 11,251'. 400sks (678ft^3) 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^3/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'.

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.

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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.

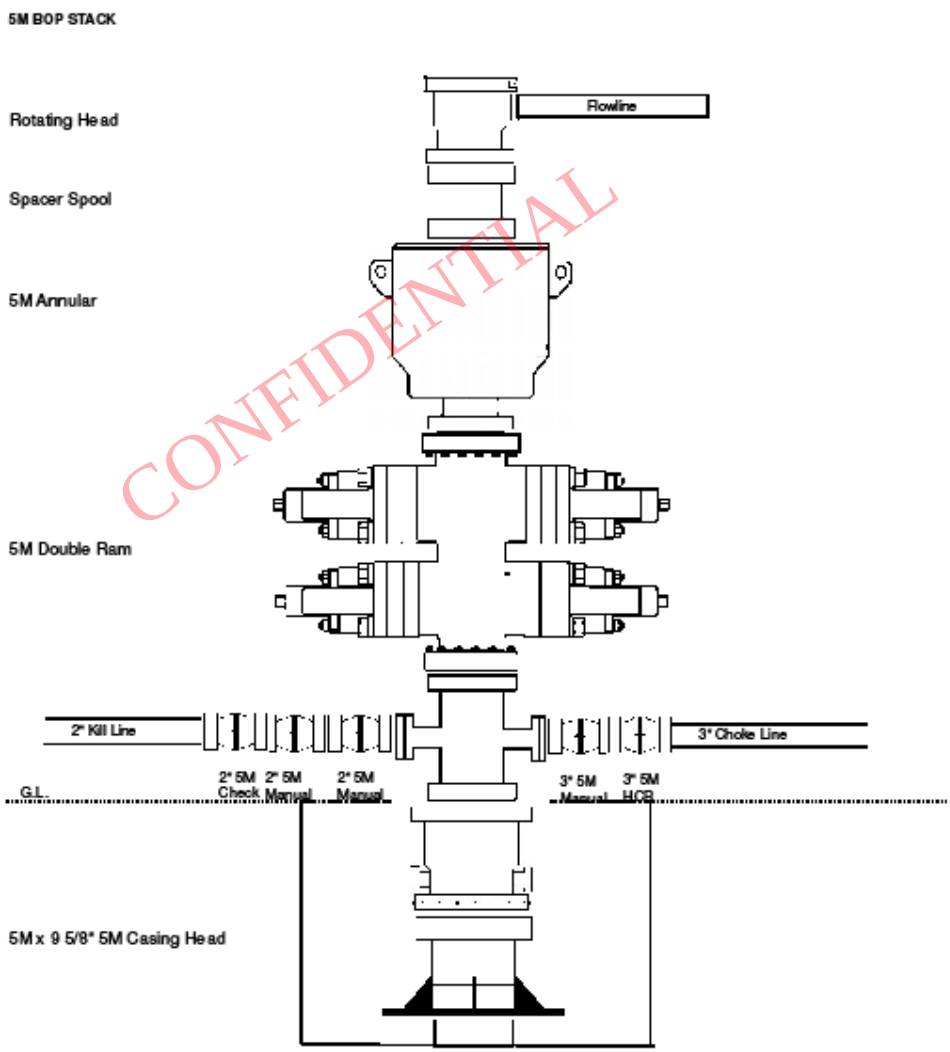
D. Formation and Completion Interval:
– Stimulation will be designed for the particular area of interest as encountered.

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



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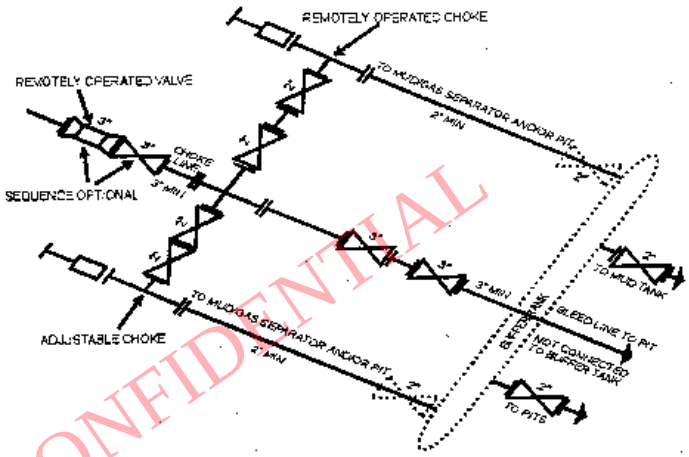
ONSHORE OIL & GAS ORDER NO. 1
QUESTAR EXPLORATION AND PRODUCTION COMPANY
RW 43-15B



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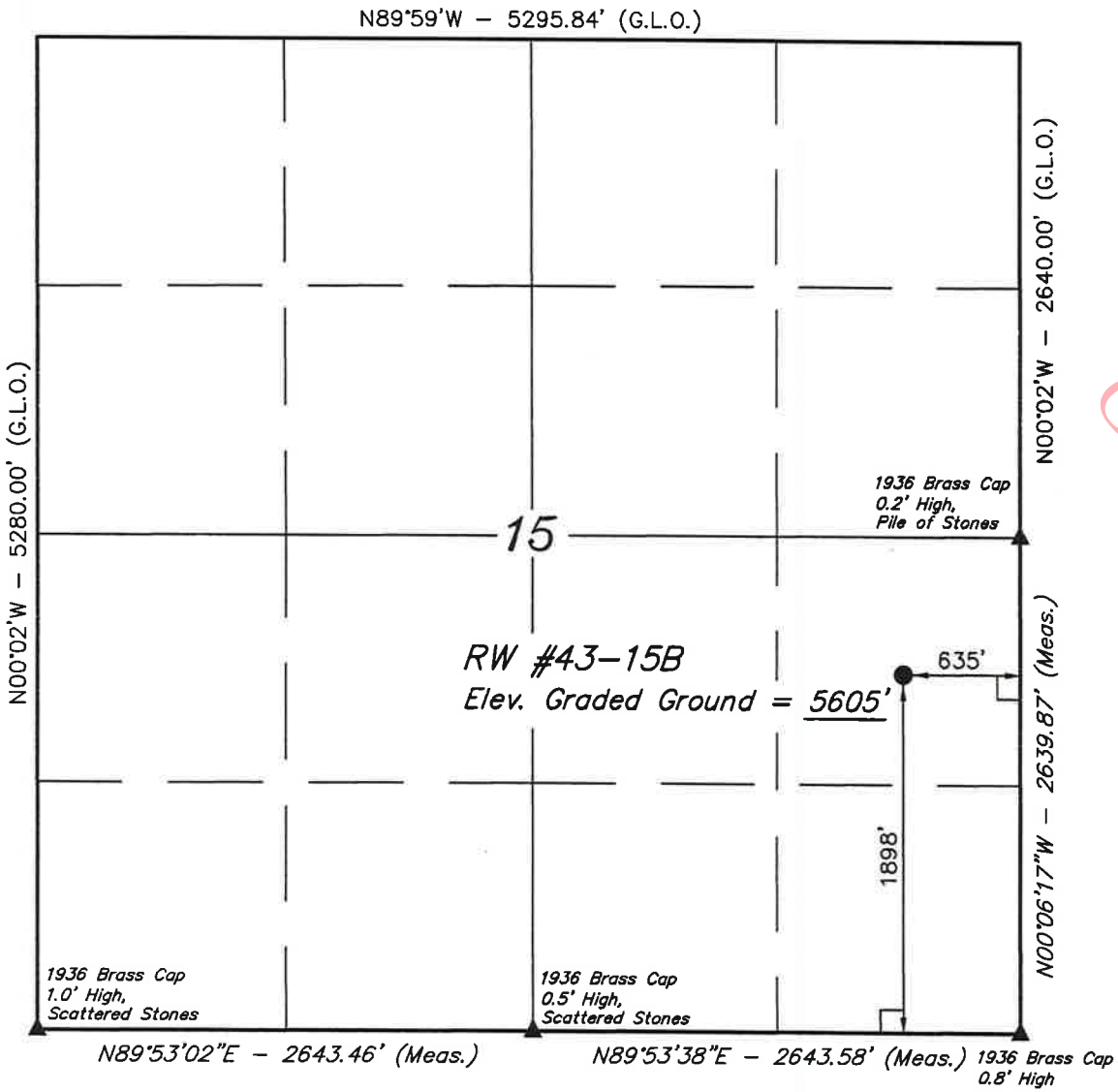
5M CHOKE MANIFOLD EQUIPMENT - CONFIGURATION OF CHOKES MAY VARY

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 those situations.

[54 FR 39528, Sept. 27, 1989]

T7S, R23E, S.L.B.&M.



(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)

LEGEND:

└ = 90° SYMBOL

● = PROPOSED WELL HEAD.

▲ = SECTION CORNERS LOCATED.

QUESTAR EXPLR. & PROD.

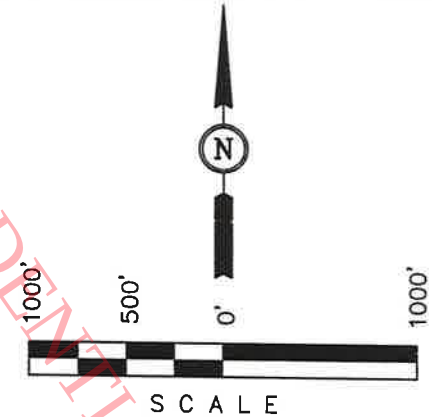
Well location, RW #43–15B, located as shown in the NE 1/4 SE 1/4 of Section 15, T7S, R23E, S.L.B.&M., Uintah County, Utah

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, UINTAH 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.



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.

REGISTRATION NO. 161319
REGISTERED LAND SURVEYOR
STATE OF UTAH

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UINTAH ENGINEERING & LAND SURVEYING
85 SOUTH 200 EAST – VERNAL, UTAH 84078
(435) 789–1017

SCALE 1" = 1000'	DATE SURVEYED: 08–27–09	DATE DRAWN: 08–27–09
PARTY M.A. G.S. S.L.	REFERENCES G.L.O. PLAT	
WEATHER HOT	FILE QUESTAR EXPLR. & PROD.	

'API Well No: 43047316820000'

QUESTAR EXPLR. & PROD.

RW #43-15B

LOCATED IN UINTAH COUNTY, UTAH
SECTION 15, T7S, R23E, S.L.B.&M.

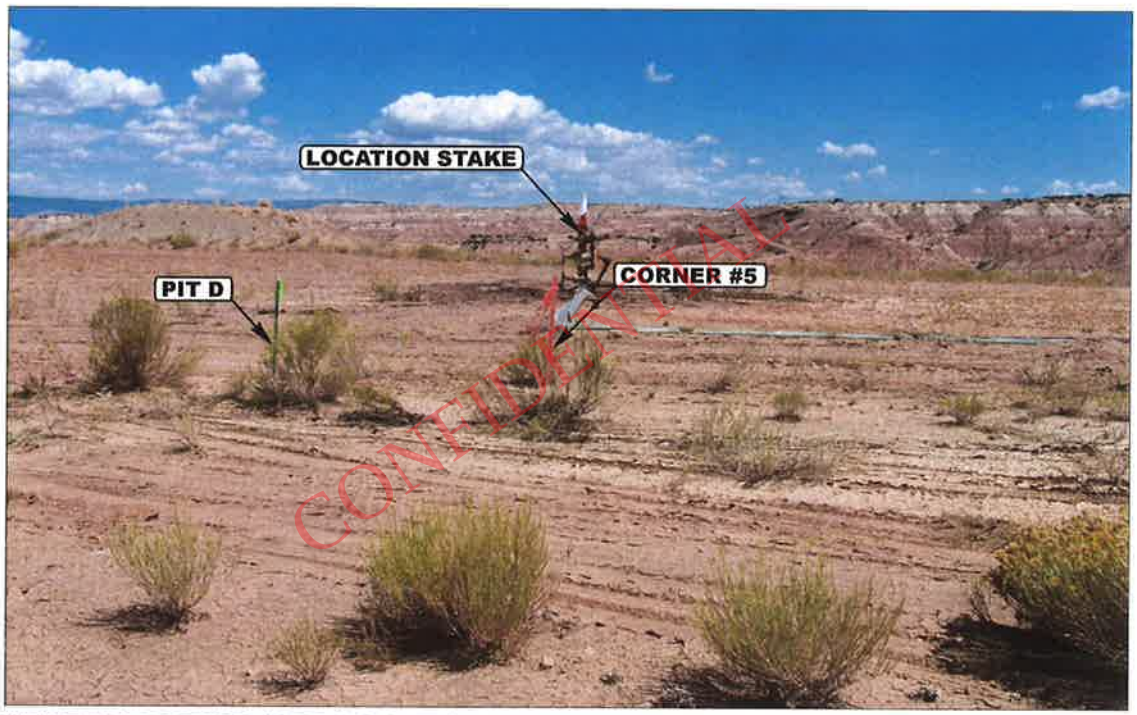


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE **CAMERA ANGLE: EASTERLY**

PHOTO: VIEW OF EXISTING ACCESS **CAMERA ANGLE: NORTHERLY**

- Since 1964 -
Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

LOCATION PHOTOS	09 MONTH	09 DAY	09 YEAR	PHOTO
TAKEN BY: G.S.	DRAWN BY: J.H.	REVISED: 00-00-00		

QUESTAR EXPLR. & PROD.

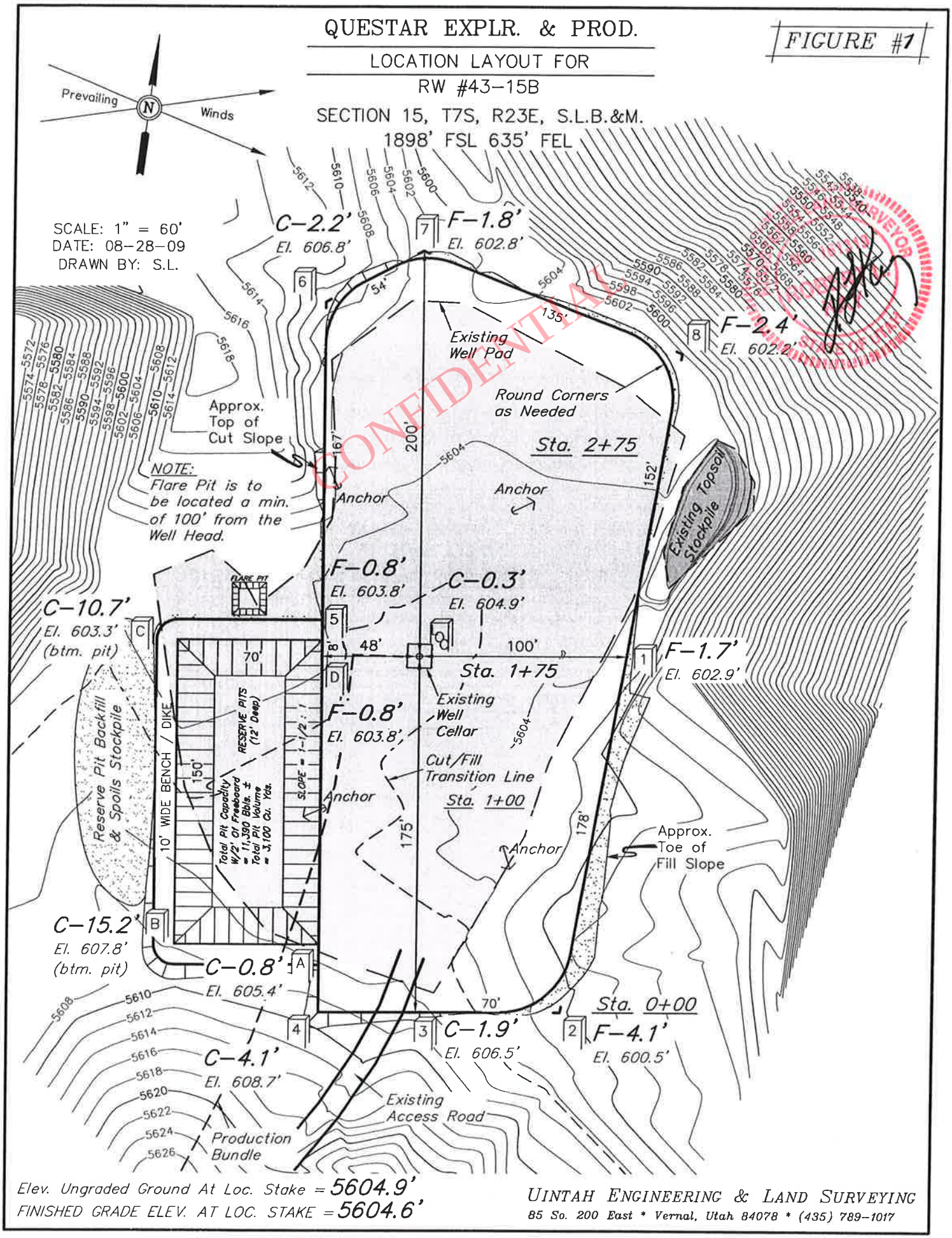
LOCATION LAYOUT FOR

RW #43-15B

SECTION 15, T7S, R23E, S.L.B.&M.

1898' FSL 635' FEL

FIGURE #1



Elev. Ungraded Ground At Loc. Stake = 5604.9'

FINISHED GRADE ELEV. AT LOC. STAKE = 5604.6'

QUESTAR EXPLR. & PROD.

TYPICAL CROSS SECTION FOR

RW #43-15B

SECTION 15, T7S, R23E, S.L.B.&M.

1898' FSL 635' FEL

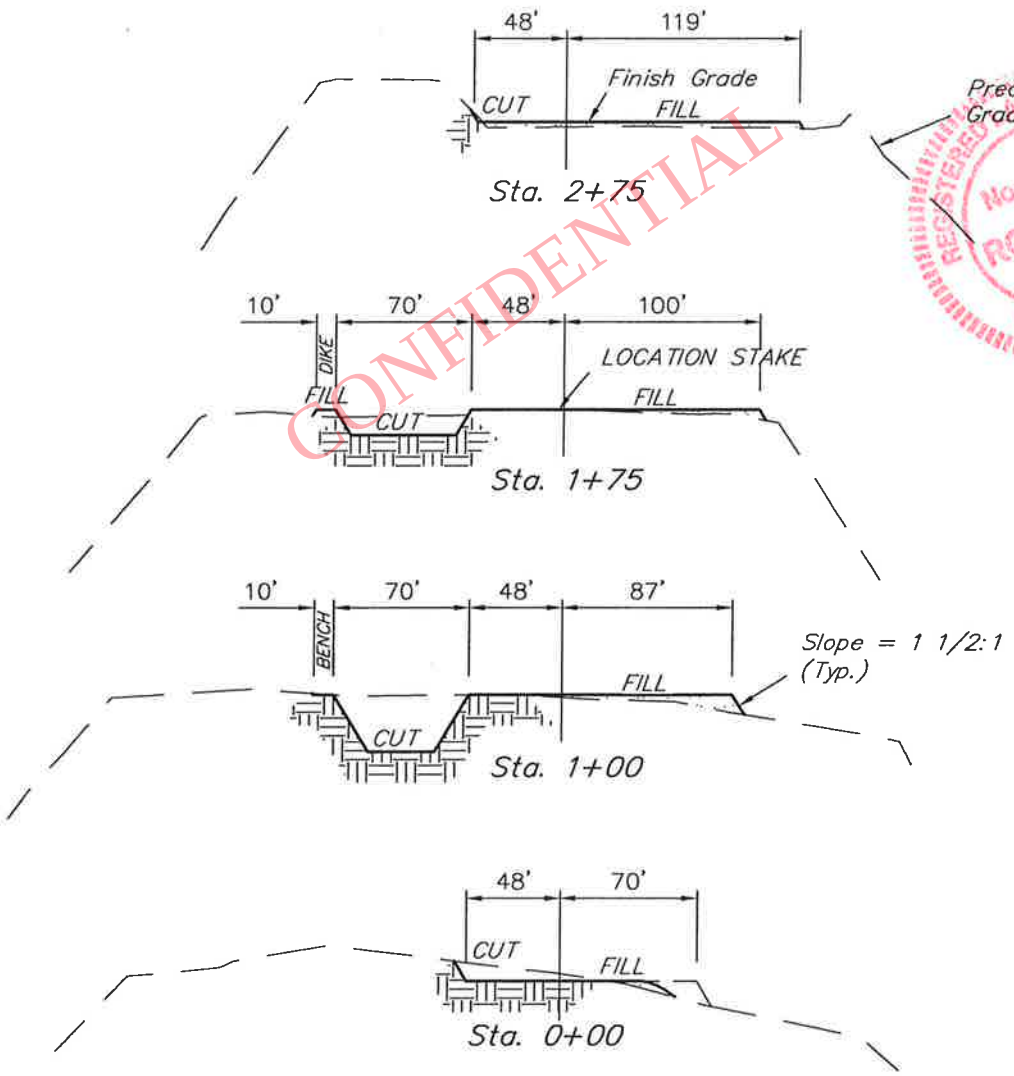
FIGURE #2

1" = 40' X-Section Scale

1" = 100'

DATE: 08-28-09

DRAWN BY: S.L.



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REGISTERED LAND SURVEYOR No. 161319 ROBERT L. KAY STATE OF UTAH

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 (New Construction Only) = 290 Cu. Yds.

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 (1/2 Pit Vol.) = 1,840 Cu. Yds.

DEFICIT UNBALANCE (After Interim Rehabilitation) = 0 Cu. Yds.

UINTAH ENGINEERING & LAND SURVEYING
85 So. 200 East * Vernal, Utah 84078 * (435) 789-1017

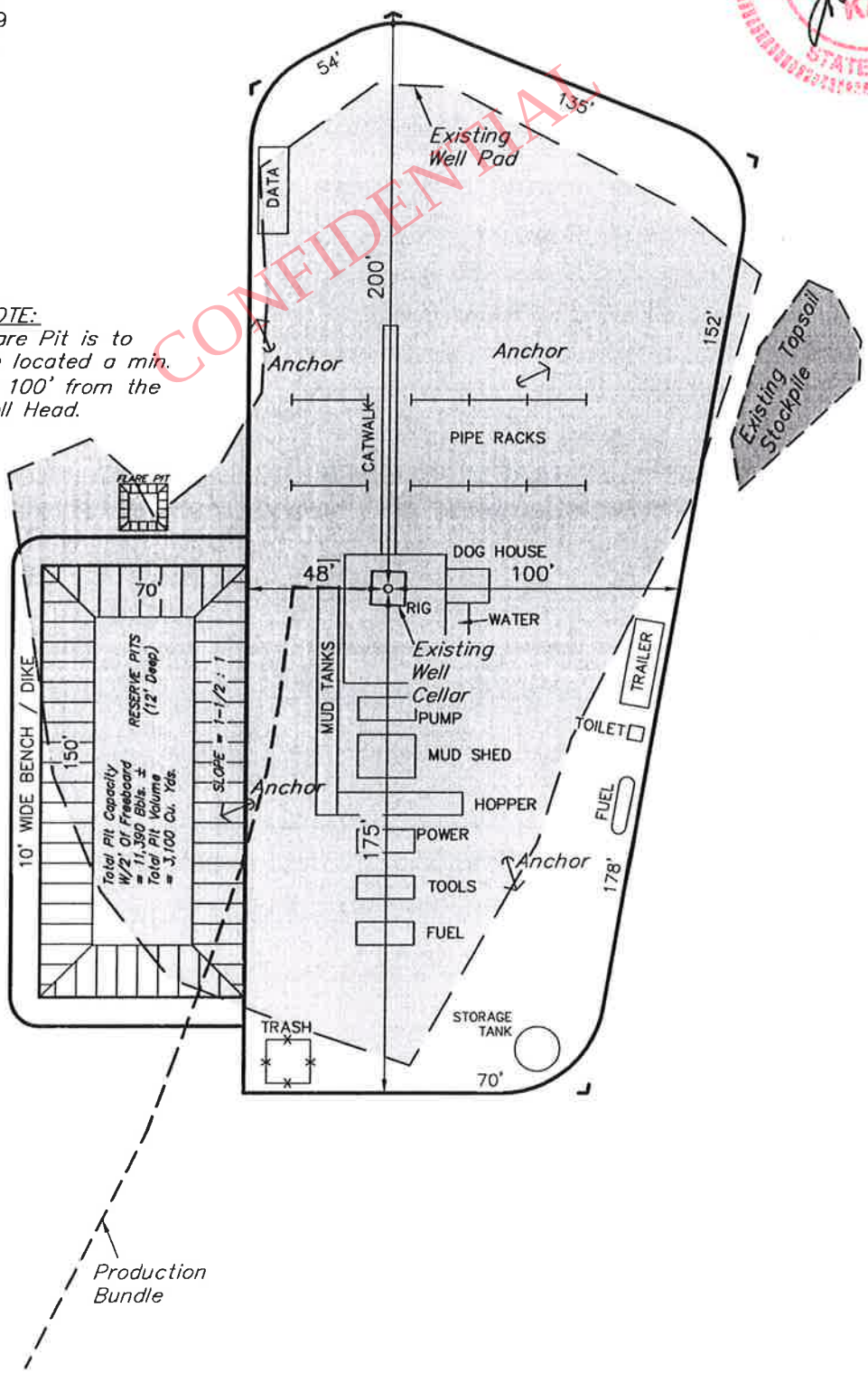
QUESTAR EXPLR. & PROD.

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.

REGISTERED LAND SURVEYOR
N. 2066
ROBERT L. KAY
STATE OF UTAH



NOTE:
Flare Pit is to be located a min. of 100' from the Well Head.

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UINTAH ENGINEERING & LAND SURVEYING
85 So. 200 East * Vernal, Utah 84078 * (435) 789-1017

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.

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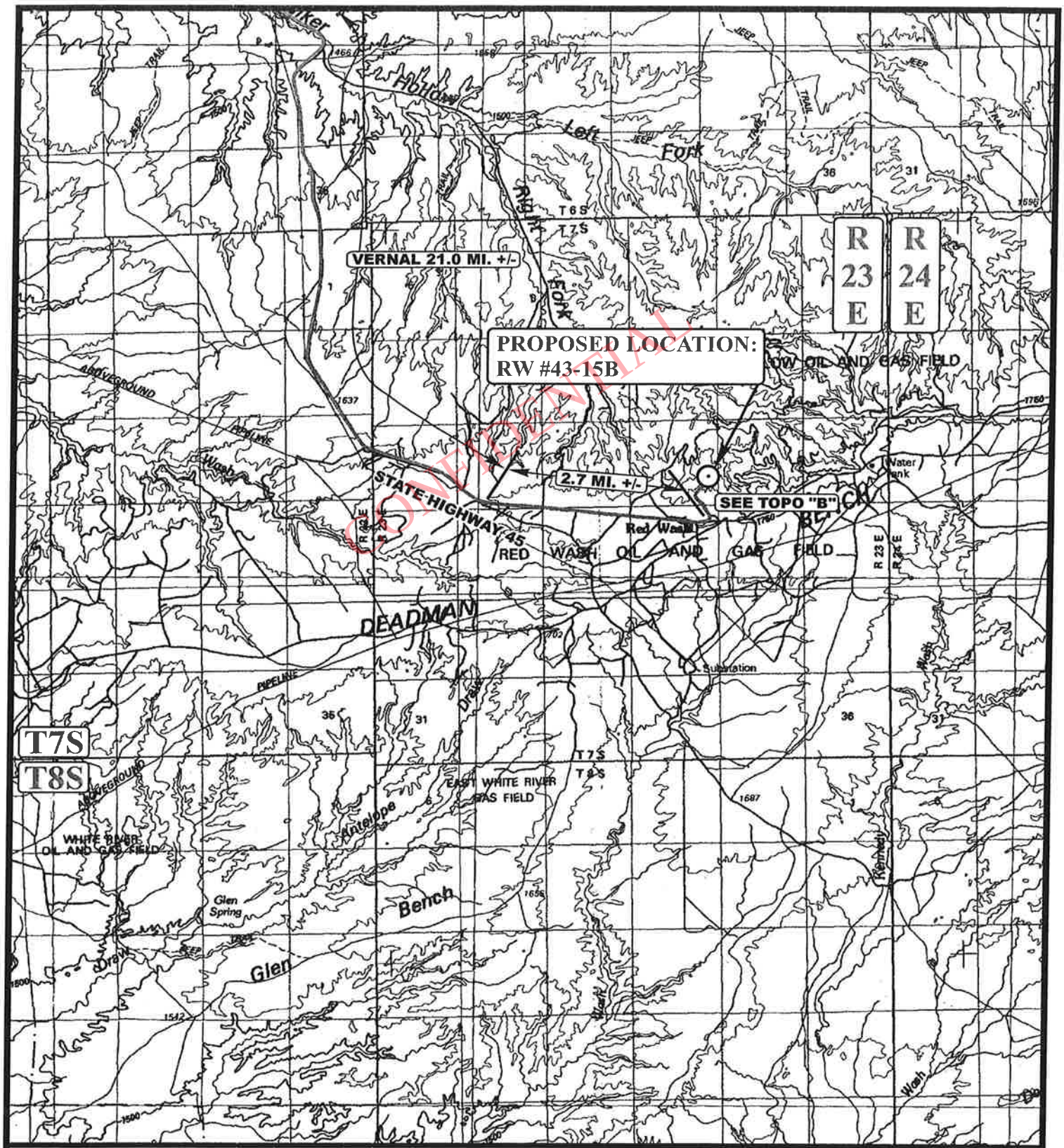


LEGEND:

⊙ PROPOSED LOCATION

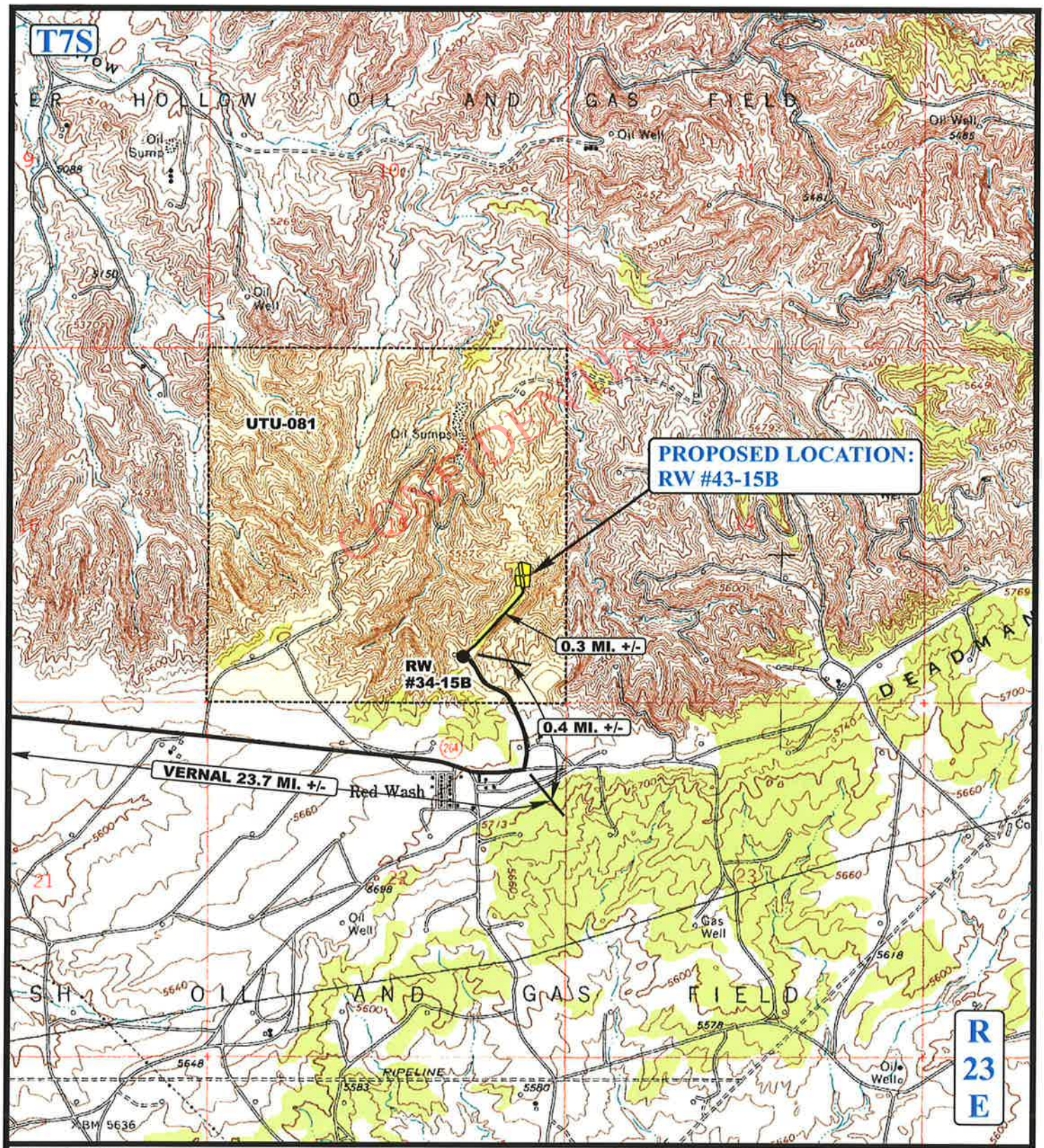
N

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 MONTH	09 DAY	09 YEAR	A TOPO
SCALE: 1:100,000	DRAWN BY: J.H.	REVISED: 00-00-00		



LEGEND:

EXISTING ROAD

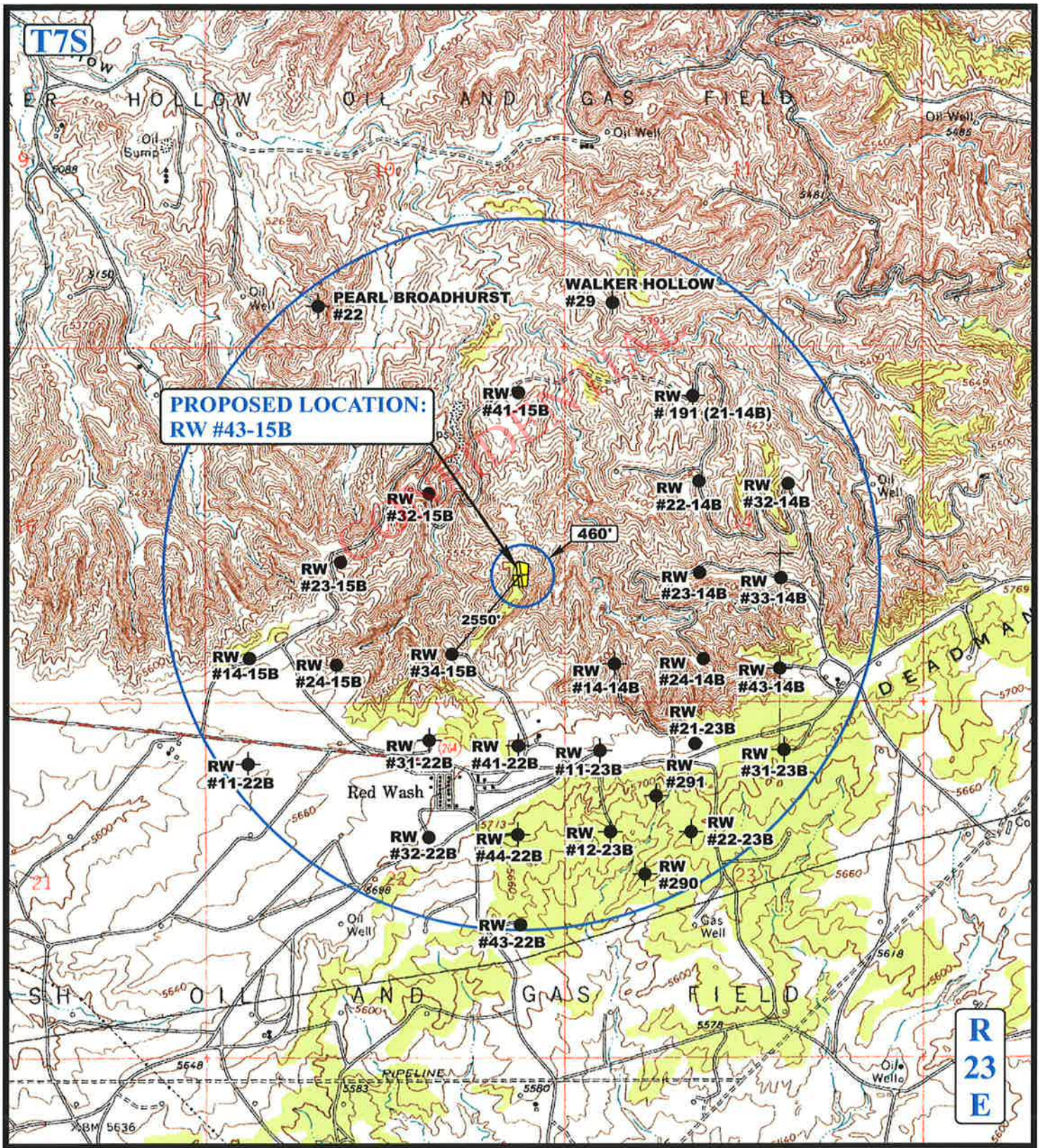
N

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 MONTH	09 DAY	09 YEAR	B TOPO
SCALE: 1" = 2000'	DRAWN BY: J.H.	REVISED: 00-00-00		



LEGEND:

- DISPOSAL WELLS
- PRODUCING WELLS
- SHUT IN WELLS
- WATER WELLS
- ABANDONED WELLS
- TEMPORARILY ABANDONED

N

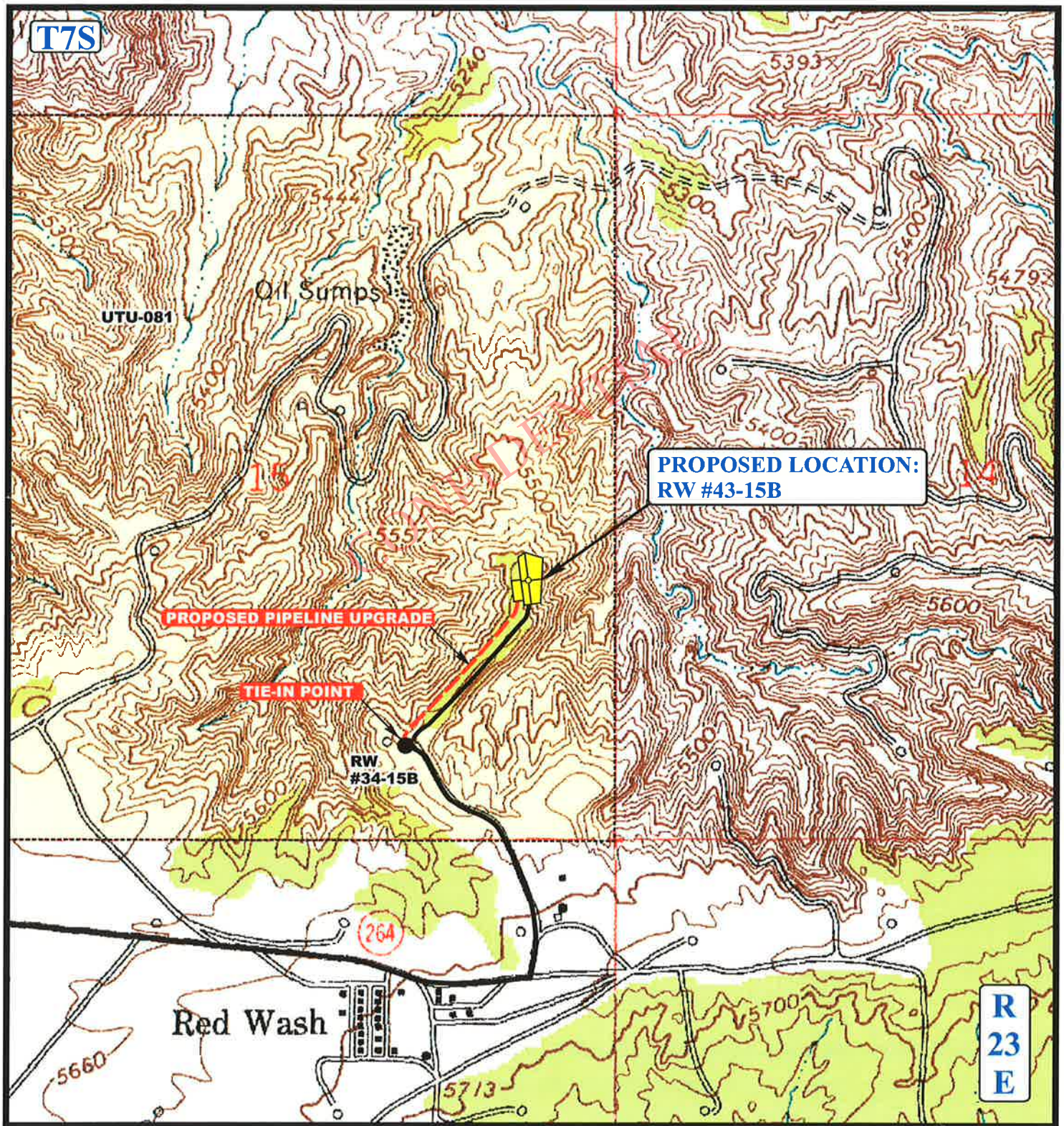
QUESTAR EXPLR. & PROD.

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 MONTH	09 DAY	09 YEAR	C TOPO
SCALE: 1" = 2000'	DRAWN BY: J.H.	REVISED: 00-00-00		

'APIWellNo:43047316820000'



APPROXIMATE TOTAL PIPELINE UPGRADE DISTANCE = 1,281' +/-

LEGEND:

EXISTING ROAD
EXISTING PIPELINE
PROPOSED PIPELINE

N

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 MONTH	09 DAY	09 YEAR	D TOPO
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.

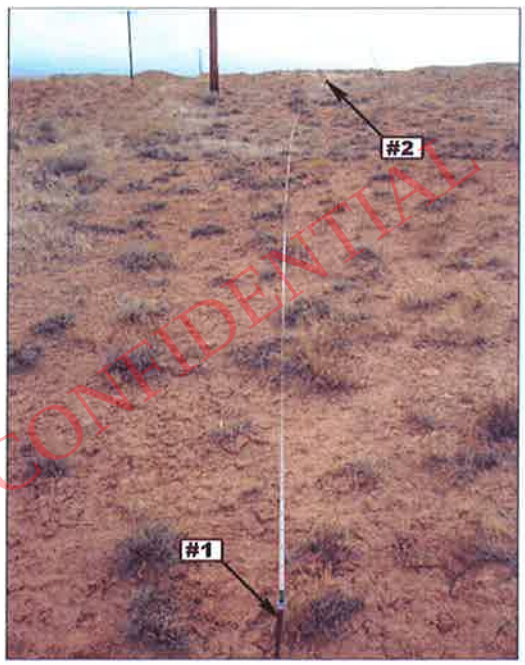


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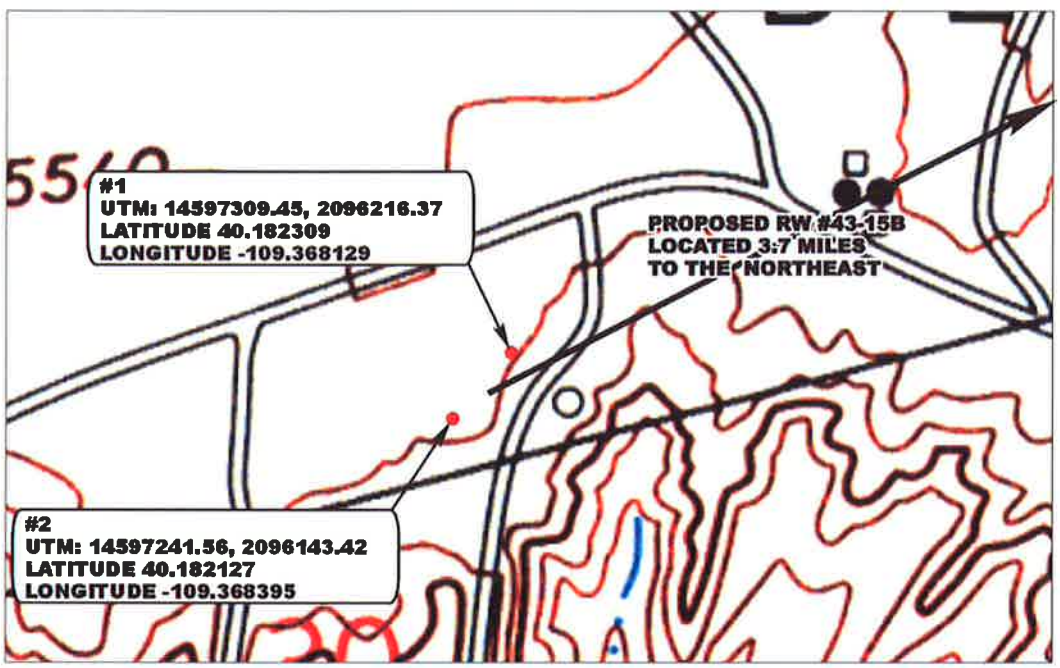
PHOTO: VIEW FROM REFERENCE POINT #1 TO POINT #2 **CAMERA ANGLE: SOUTHWESTERLY**



TOPOGRAPHIC MAP OF LOCATION **SCALE: 1"= 200'**

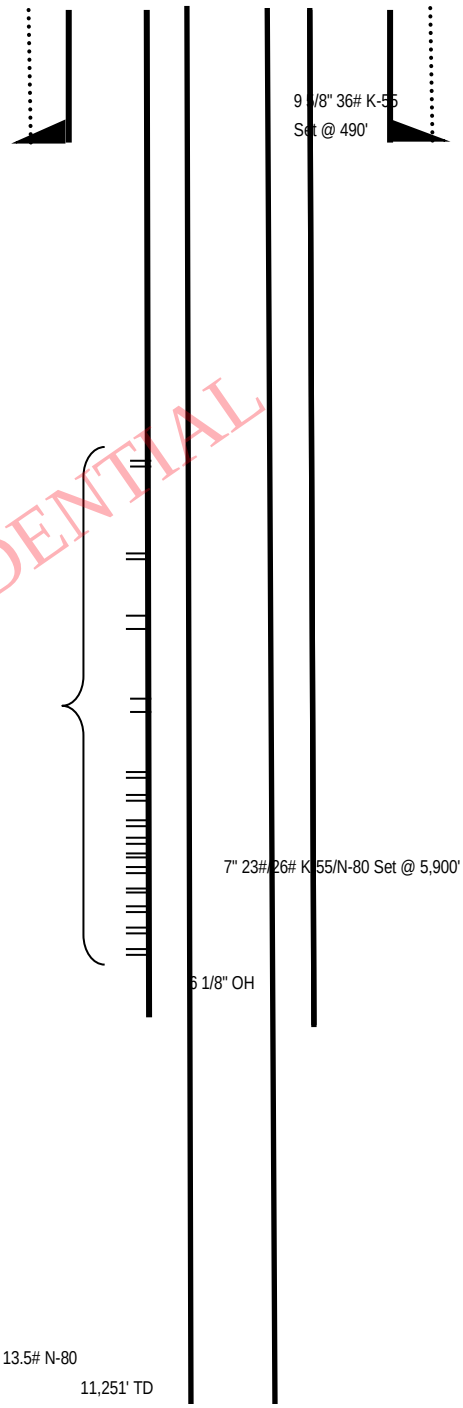
- Since 1964 -
UELS Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

REFERENCE AREA MAP	10 MONTH	02 DAY	09 YEAR	REF.
TAKEN BY: M.A.	DRAWN BY: J.H.	REVISED: 00-00-00		

'APIWellNo:43047316820000'

Updated CJL 9-23-2009

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

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QUESTAR EXPLORATION AND PRODUCTION

RW 43-15B Drilling Prog
API: 43-047-16820
Summarized Re-Entry Procedure

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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, TOOH with bit and scraper.
10. Squeeze existing open perfs 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. TOOH, and rig up logging truck.
17. Log well.
18. Circulate and condition hole, TOOH, 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

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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 individauls:

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.

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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 lll 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.

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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

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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.

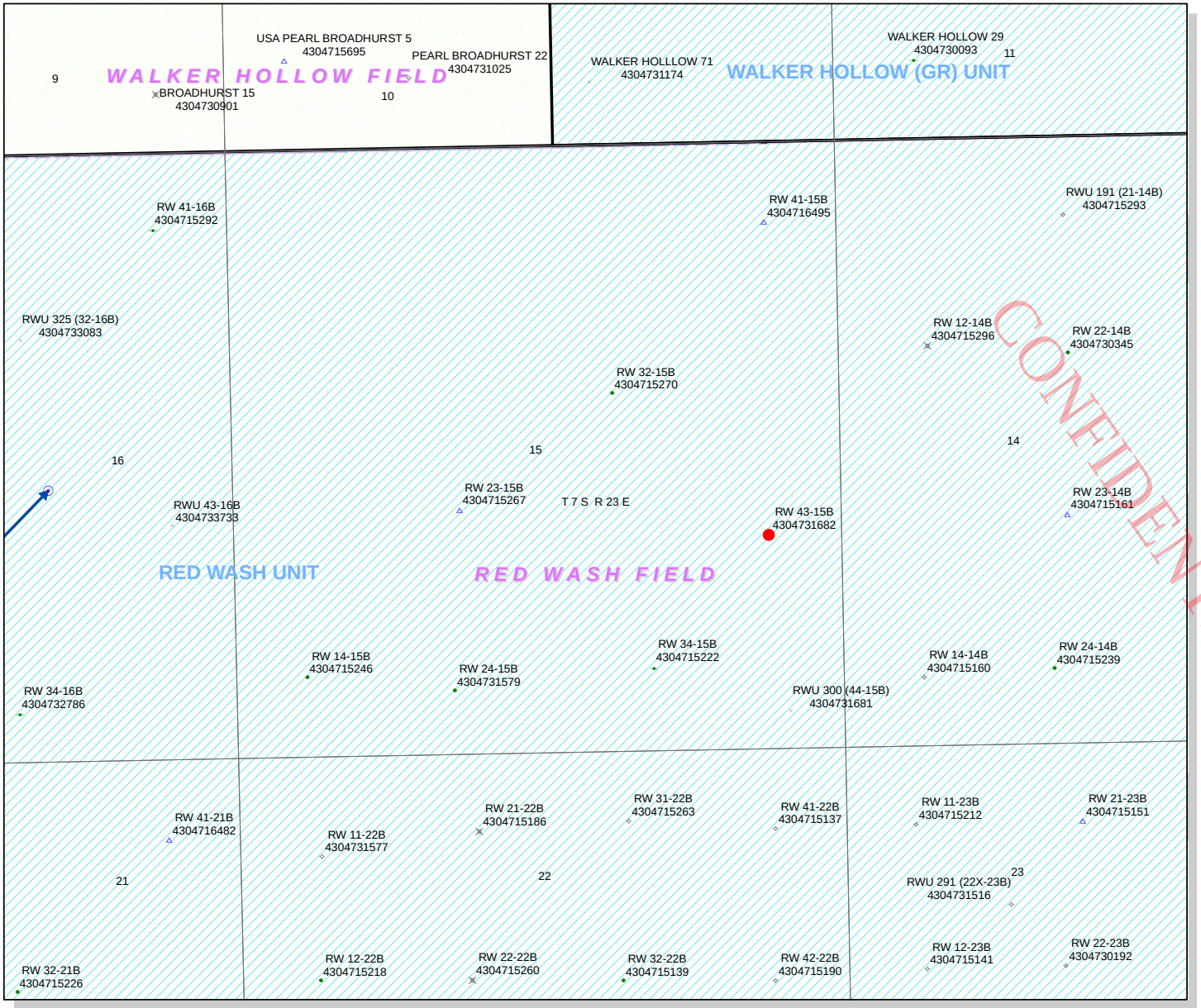
Questar Exploration & Production Company is considered to be the operator of the subject well. Questar Exploration & Production Company agrees to be responsible under terms and conditions of the lease for the operations conducted upon leased lands.

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.

Jan Nelson	10/15/2009
Jan Nelson	Date

'APIWellNo:4304731682000'



API Number: 4304731682

Well Name: RW 43-15B

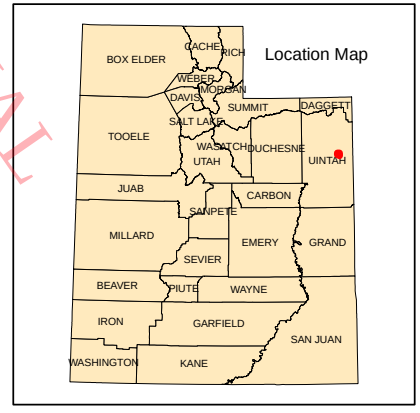
Township 07.0 S Range 23.0 E Section 15

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



1:10,757

API Well No: 43047316820000

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

CONFIDENTIAL

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

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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**

Commingling 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

GARY R. HERBERT
Governor
GREGORY S. BELL
Lieutenant Governor

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:

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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RECEIVED
JUN 08 2010
DIV. OF OIL, GAS & MINING

Signature

Office Administrator 6/8/10
Title Date

Phone No. (435)781-4342

Form 3160-5
(August 2007)

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.

SUBMIT IN TRIPLICATE – *Other instructions on page 2.*

5. Lease Serial No.
see attached list

6. If Indian, Allottee or Tribe Name
N/A

7. If Unit of CA/Agreement, Name and/or No.
Redwash

1. Type of Well
☐ Oil Well ☐ Gas Well ☑ Other see attached list

8. Well Name and No.
see attached list RW 43-15B

2. Name of Operator
Questar Exploration and Production Company

9. API Well No.
see attached list 43 047 31682

3a. Address
11002 East 17500 South, Vernal, UT 84078-8526

3b. Phone No. *(include area code)*
(435) 781-4341

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	TYPE OF ACTION			
☑ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Subsequent Report	☐ Casing Repair	☐ New Construction	☐ Recomplete	☐ Other _____
	☐ Change Plans	☐ Plug and Abandon	☑ Temporarily Abandon	
☐ Final Abandonment Notice	☐ Convert to Injection	☐ Plug Back	☐ 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 recomplete 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 recompletion 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 Dan McDonald

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 ☐ (highlight changes)

FORM 8

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. LEASE DESIGNATION AND SERIAL NUMBER: UTU081

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A

7. UNIT or CA AGREEMENT NAME: RED WASH UNIT

8. WELL NAME and NUMBER: RW 43-15B

9. API NUMBER: 4304731682

10 FIELD AND POOL, OR WILDCAT: RED WASH

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☑ DRY ☐ OTHER

b. TYPE OF WORK: NEW WELL ☐ HORIZ. LATS. ☐ DEEP-EN ☑ RE-ENTRY ☐ DIFF. RESVR. ☐ OTHER

2. NAME OF OPERATOR: Questar Exploration & Production Co.

3. ADDRESS OF OPERATOR: 11002 E 17500 S CITY VERNAL STATE UT ZIP 84078 PHONE NUMBER: (435) 781-4342

4. LOCATION OF WELL (FOOTAGES)
AT SURFACE: 1898' FSL, 635' FEL
AT TOP PRODUCING INTERVAL REPORTED BELOW: 1898' FSL, 635' FEL
AT TOTAL DEPTH: 1698' FSL, 525' FEL

11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NESE 15 7S 23E

12. COUNTY: UINTAH 13. STATE: UTAH

14. DATE SPUDDED: 15. DATE T.D. REACHED: 5/6/2010 16. DATE COMPLETED: 6/3/2010 ABANDONED ☐ READY TO PRODUCE ☑ 17. ELEVATIONS (DF, RKB, RT, GL): 14' KB

18. TOTAL DEPTH: MD 11,234 TVD 11204 19. PLUG BACK T.D.: MD 11,156 TVD 11149 20. IF MULTIPLE COMPLETIONS, HOW MANY? * 21. DEPTH BRIDGE PLUG SET: MD TVD

22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each)
CBL/GR/CCL & COMP DUAL NEUTRON, Caliper w Hole Volume

23.
WAS WELL CORED? NO ☑ YES ☐ (Submit analysis)
WAS DST RUN? NO ☑ YES ☐ (Submit report)
DIRECTIONAL SURVEY? NO ☐ YES ☑ (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)
(A) Mesa Verde	9,486	10,711		
(B)				
(C)				
(D)				

27. PERFORATION RECORD

INTERVAL (Top/Bot - MD)		SIZE	NO. HOLES	PERFORATION STATUS
10,695	10,711	3.13	48	Open ☑ Squeezed ☐
10,644	10,656	3.13	36	Open ☑ Squeezed ☐
10,171	10,183	3.13	36	Open ☑ Squeezed ☐
10,112	10,120	3.13	24	Open ☑ Squeezed ☐

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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(5/2000)

(CONTINUED ON BACK)

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31. INITIAL PRODUCTION

INTERVAL A (As shown in item #26)

DATE FIRST PRODUCED:	TEST DATE:	HOURS TESTED:	TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
5/29/2010	6/4/2010	24		0	294	620	flowing

CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:
18/64	1,132	1,725								open

INTERVAL B (As shown in item #26)

DATE FIRST PRODUCED:	TEST DATE:	HOURS TESTED:	TEST PRODUCTION 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 RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

INTERVAL C (As shown in item #26)

DATE FIRST PRODUCED:	TEST DATE:	HOURS TESTED:	TEST PRODUCTION 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 RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

INTERVAL D (As shown in item #26)

DATE FIRST PRODUCED:	TEST DATE:	HOURS TESTED:	TEST PRODUCTION 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 RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	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 (MD)	Bottom (MD)	Descriptions, Contents, etc.	Name	Top (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 Dahn Caldwell 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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DIV. OF OIL, GAS & MINING

QEP ENERGY

Operations Summary Report

PREP 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	"TIGHT HOLE" This work is to prepare well for drilling rig. 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. Casing Size: 7" 23# Casing Depth: 5900'
3/25/2010	06:00 - 16:00	10.00	DEQ	2	"TIGHT HOLE" This work is to prepare well for drilling rig. 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 perfs.from 4922-62' and pressure up to 2000# and lost 50# in 2 minutes with no injection rate established. Pump down csg. and into perfs.from 4566-4804' at 2-1/4 BPM at 550#. ISIP=300# Bled off well and SIFN. On 3/25/10 will swab test perfs. 4922-62' to see if ther is any inflow and if not will attempt to squeeze perfs. 4566-4804'. Casing Size: 7" 23# Casing Depth: 5900'
3/26/2010	06:00 - 16:00	10.00	SWAB	1	"TIGHT HOLE": This work is to prepare well for drilling rig. On 3/25/10 SITP=0# and SICP=vacuum with tbg.testing perfs. 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 perfs. 4922-62' to 1000# and lost 250# in 15 minutes. Bled off. Release packer that was set a tt4845' and reset packer at 4290' Load csg.with water and test packer and csg.to 1000# and held OK. MIRU Halliburton cementers and squeeze prfs. 4568-4804' with 150 sx.of "G" cement as follows: Establish injection at 3 BPM at 850# and pump 100 sxs.of cement with CaCl and 50 sxs.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. Casing Size: 7" 23# Casing Depth: 5900' Perfs: 4566-76'; 4597-4602'; 4673-82'; 4791-4804' (squeezed???).
3/29/2010	06:00 - 16:00	10.00	DEQ	2	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

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QEP ENERGY

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
3/29/2010	06:00 - 16:00	10.00	DEQ	2	Perfs: 4568' -76'; 4597-4602'; 4673-82'; 4792-4804'(squeezed???) Casing size: 7" 23# 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. 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 dill out test squeeze. Drilled out 228' of hard cement today. Perfs: 4566-76'; 4597-4602'; 4673-82'; 4791-4804' (squeezed???). Casing Size: 7" 23# 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. 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 ot 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. Perfs: 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 ISIP=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. Perfs: 4566-76'; 4597-4602'; 4673-82'; 4791-4804' (squeezed???) Casing Size: 7" 23# Casing Depth: 5900'
4/2/2010	06:00 - 16:00	10.00	CIRC	1	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. Perfs: 4566-76'; 4597-4602'; 4673-82'; 4791-4804' (squeezed???)

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QEP ENERGY

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# 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 cment 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. Perfs: 4566-76'; 4597-4602'; 4673-82'; 4791-4804' (squeezed???) Casing Size: 7" 23# 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. 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. Casing Size: 7" 23# Casing Depth: 5900' Perfs: 4566-76'; 4597-4602'; 4673-82'; 4791-4804' (squeezed ???)
4/7/2010	06:00 - 16:00	10.00	DEQ	2	"TIGHT HOLE"; This work is to prepare well for drilling rig. 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. Casing Size: 7" 23# Casing Depth: 5900' Perfs: 4566-76'; 4597-4602'; 4673-82'; 4791-4804' (squeezed ???) These perfs.appear to be sqz'd.
4/8/2010	06:00 - 16:00	10.00	DEQ	2	"TIGHT HOLE"; This work is to prepare well for drilling rig. 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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QEP ENERGY

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	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. Casing Size: 7" 23# Casing Depth: 5900' Perfs: 4566-76'; 4597-4602'; 4673-82'; 4791-4804' (squeezed ???) These perfs.appear to be sqz'd. Perfs: 5090-5609' (sqz'd??).
4/9/2010	06:00 - 16:00	10.00	DEQ	2	"TIGHT HOLE"; This work is to prepare well for drilling rig. 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. Casing Size: 7" 23# Casing Depth: 5900' Perfs: 4566-76'; 4597-4602'; 4673-82'; 4791-4804' (squeezed ???) These perfs.appear to be sqz'd. Perfs: 5090-5609' (sqz'd??).
4/12/2010	06:00 - 16:00	10.00	CMT	2	"TIGHT HOLE"; This work is to prepare well for drilling rig. 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. Casing Size: 7" 23# Casing Depth: 5900' Perfs:

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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'; 4791-4804' (squeezed ???) These perfs.appear to be sqz'd. Perfs: 5090-5609' (sqz'd??).
4/13/2010	06:00 - 16:00	10.00	DRL	4	"TIGHT HOLE"; This work is to prepare well for drilling rig. 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. Casing Size: 7" 23# Casing Depth: 5900' Perfs: 4566-76'; 4597-4602'; 4673-82'; 4791-4804' (squeezed ???) These perfs.appear to be sqz'd. Perfs: 5090-5609' (sqz'd??).
4/14/2010	06:00 - 16:00	10.00	DRL	4	"TIGHT HOLE"; This work is to prepare well for drilling rig. 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 cment at 5587' and drill out semi-hard cement ot 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'. Casing Size: 7" 23# Casing Depth: 5900' Perfs: 4566-76'; 4597-4602'; 4673-82'; 4791-4804' (squeezed ???) These perfs.appear to be sqz'd. Perfs: 5090-5609' (sqz'd??). These are squeezed to 800#.
4/15/2010	06:00 - 16:00	10.00	EQT	1	"TIGHT HOLE"; This work is to prepare well for drilling rig. 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

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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
4/15/2010	06:00 - 16:00	10.00	EQT	1	equipment and RDMO Basin WS. Job will be complete. Perfs: 4566-76'; 4597-4602'; 4673-82'; 4791-4804' (squeezed???) These perfs.are sqz'd to 800# Perfs: 5090-5609' (sqz'd??). These are squeezed to 800#. Casing Size: 7# 23# Casing Depth 5900'
4/16/2010	06:00 - 16:00	10.00	BOP	1	"TIGHT HOLE"; This work is to prepare well for drilling rig. On 4/15/10 SICP=0#. RIH with bit and tbg. to 625' and RU hot RU oiler and circulate hole clean. RD hot oiler and POOH and lay pown tbg.and bit. ND BOP's and NUWH. RDMO Basin WS. Final rpeort of well work. Perfs: 4566-76'; 4597-4602'; 4673-82'; 4791-4804' (squeezed???) These perfs.are sqz'd to 800# Perfs: 5090-5609' (sqz'd??). These are squeezed to 800#. Casing Size: 7# 23# Casing Depth 5900'

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Operations Summary Report - 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 PIPE,BLIND RAMS AND ALL VALVES TO 250 LOW AND 5000 HIGH TEST ANNULAR TO 250 LOW & 2500 HIGH
	02:30 - 06:00	3.50	TRP	1	LAY OUT & STRAP B.H.A. SET WEAR BUSHING RIG UP LAY DOWN MACHINE & PICK UP B.H.A. & DRILL PIPE
4/30/2010	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 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 WOB 10/15 RPM 126 GPM 254
5/1/2010	06:00 - 06:30	0.50	DRL	1	DRILL F/6488 T/6516 28' 56'/HR
	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 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 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 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 WOB 18 RPM 126 GPM 254
5/2/2010	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
	17:30 - 06:00	12.50	DRL	1	DRILL 6 .125" HOLE FROM 8587 FEET TO 9190 FEET WEIGHT ON BIT = 15,000/18000 254 GPM TOTAL RPM = 126 MUD WEIGHT = 9.3 VIS= 41 603' 48.3'/HR
5/3/2010	06:00 - 12:30	6.50	DRL	1	DRILL F/9190 T/ 9537 347' 53.4'/HR WOB 18 RPM 126 GPM 254
	12:30 - 13:30	1.00	RIG	1	RIG SERVICE & TOP DRIVE SERVICE
	13:30 - 06:00	16.50	DRL	1	DRILL 6.125" HOLE FROM 9537 FEET TO 10304 FEET BIT WEIGHT = 15000/20000 RPM=126 WITH 254 G.P.M. ON #1 PUMP 763' 46.2'/HR
5/4/2010	06:00 - 07:30	1.50	DRL	1	DRILL F/10304 T/10317 13' 8.7'/HR WOB 14/16 ROM 105/125 GPM 254
	07:30 - 09:30	2.00	CIRC	1	CIRCULATE AND CONDITION HOLE FOR TRIP, DROP SURVEY
	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 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

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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.
5/8/2010	06:00 - 13:30	7.50	TRP	2	TRIP IN WITH LOGGING TOOLS,RABBIT EACH STAND
	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
5/9/2010	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
	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
5/10/2010	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.
	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. RIG RELEASED @ 1900 HRS 5/9/2010
	19:00 - 06:00	11.00	LOC	4	RIG DOWN PREPARE FOR TRUCKS

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Operations Summary Report – COMPLETION

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	"TIGHT HOLE"; Completion of well. 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. Casing size: 4-1/2" 13.5#
5/24/2010	06:00 - 16:00	10.00	LOC	5	On 5/21/10 Move in Rocky Mtn WS. Spot equipment and RU. SD for weekend. On 5/24/10 Will NU and test frac head assembly and csg. PU tbg and make bit and scraper run. Casing size: 4.5" 13.5# Casing depth: 11,208'
5/25/2010	06:00 - 16:00	10.00	EQT	1	On 5/24/10 SICP=0 NU Cameron 4 1/16" 10K frac tree and Weatherford 10K flowback manifold. RU B&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 tbg equipment. Tally, rabbit, and rih with 3 3/4" bit, 4 1/2" csg scraper and 90-jts of 2 3/8" L-80 tbg. EOT @ 2800' SWIFN Due to high winds. On 5/25/10 Will continue to PU tbg and circulate hole with 2% KCL. Casing size: 4.5" 13.5# Casing depth: 11,208'
5/26/2010	06:00 - 16:00	10.00	LOC	2	On 5/25/10 SICP=0 SITP=0 Open well up. Continued to tally, rabbit and RIH with an additional 266-jt's of 2 3/8" L-80 tbg to 10,842'. 130' below bottom pef @ 10,712. Circulate hole clean with 150-bbls of 2% KCL. Pull tbg tail to 10,000'. SWIFN On 5/26/10 Will finish POOH with tbg and scraper. RU wireline and perf stage #1. Casing size: 4.5" 13.5# Casing depth: 11,208'
5/27/2010	06:00 - 16:00	10.00	PERF	2	On 5/26/10 SICP=0 SITP=0 Open well up. Continued to POOH with tbg, scraper and bit. RD tbg equipment. ND single bop's. MIRU LoneWolf WL and perforate stage #1 interval from 10,695-10,711' (48 holes) at 3-JPF andd 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. Casing Size: 4.5" 13.5# Casing Depth: 11,208'
5/28/2010	06:00 - 16:00	10.00	WOT	2	On 5/27/10 On standby waiting on Halliburton On 5/28/10 Will start fracing. Casing size: 4.5" 13.5# Casing depth: 11,208'
6/1/2010	06:00 - 16:00	10.00	STIM	3	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-/18" guns 3-JPF 120 degree phasing and Halliburton 8K frac plug's. Acid

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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	was spotted in each flush for new zone. Scale inhibitor added in sages 2-7 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 MW interval from 10644-56' (36-holes) 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). 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) 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 interfval from 9934-9942' (24-holes). Zone #5: MV (9934-9943) Frac wtih 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) 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) 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. SWI @ 11:00 PM and RD Hallliburton 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. 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. Casing size: 4.5" 13.5# Casing depth: 11,208' Load from yesterday: 9800 Minus daily recovery:1110 LLTR: 8690 Perfs Zone# 1: 10695' - 10711' Zone# 2: 10644' - 10656' Zone# 3: 10171' - 10183' Zone# 4: 10112' - 10120' Zone# 5: 9934-9942' Zone# 6: 9568-9580' Zone# 7: 9486-9502'
6/2/2010	06:00 - 16:00	10.00	BOP	1	On 6/1/10 FCP=680# at a rate of 380 MCFD via gas sales. SI the well at 7:00AM.

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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	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. Casing size: 4.5" 13.5# Casing depth: 11,208' Load from yestesday: 8690 Perfs Zone# 1: 10695' - 10711' Zone# 2: 10644' - 10656' Zone# 3: 10171' - 10183' Zone# 4: 10112' - 10120' Zone# 5: 9934-9942' Zone# 6: 9568-9580' Zone# 7: 9486-9502'
6/3/2010	06:00 - 16:00	10.00	STIM	3	On 6/2/10 well was flowing to gas sales via the csg..Continueto drill out remains of the ocmpostie 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. 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'. Load from yesterday: 8690 Perfs: Zone#1: 10695-10711' Zone#2: 10644-10656' Zone#3: 10171-10183' Zone#4: 10112-10120' Zone#5: 9934-9942' Zone#6: 9588-9580' Zone#7: 9486-9502' Casing size: 4.5" 13.5# Casing depth: 11,208'
6/4/2010	06:00 - 16:00	10.00	SWAB	1	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. 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'. CONFIDENTIAL

QEP ENERGY

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
6/4/2010	06:00 - 16:00	10.00	SWAB	1	Load from yesterday: 8690 Perfs: Zone#1: 10695-10711' Zone#2: 10644-10656' Zone#3: 10171-10183' Zone#4: 10112-10120' Zone#5: 9934-9942' Zone#6: 9588-9580' Zone#7: 9486-9502' Casing size: 4.5" 13.5# Casing depth: 11,208'

CONFIDENTIAL

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**

FROM: (Old Operator):	**TO:** (New Operator):
N5085-Questar Exploration and Production Company 1050 17th St, Suite 500 Denver, CO 80265 Phone: 1 (303) 308-3048	N3700-QEP Energy Company 1050 17th St, Suite 500 Denver, CO 80265 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

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 6/28/2010
2. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 6/28/2010
3. The new company was checked on the **Department of Commerce, Division of Corporations Database on:** 6/24/2010

4a. Is the new operator registered in the State of Utah: Business Number: 764611-0143

5a. (R649-9-2)Waste Management Plan has been received on: Requested

5b. Inspections of LA PA state/fee well sites complete on: n/a

5c. Reports current for Production/Disposition & Sundries on: ok

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: BLM 8/16/2010 BIA not yet
7. **Federal and Indian Units:**
   The BLM or BIA has approved the successor of unit operator for wells listed on: 8/16/2010
8. **Federal and Indian Communization Agreements ("CA"):**
   The BLM or BIA has approved the operator for all wells listed within a CA on: N/A
9. **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:

1. Changes entered in the **Oil and Gas Database on:** 6/30/2010
2. Changes have been entered on the **Monthly Operator Change Spread Sheet on:** 6/30/2010
3. Bond information entered in RBDMS on: 6/30/2010
4. Fee/State wells attached to bond in RBDMS on: 6/30/2010
5. Injection Projects to new operator in RBDMS on: 6/30/2010
6. Receipt of Acceptance of Drilling Procedures for APD/New on: n/a

BOND VERIFICATION:

1. Federal well(s) covered by Bond Number: ESB000024
2. Indian well(s) covered by Bond Number: 965010693

3a. (R649-3-1) The **NEW** operator of any state/fee well(s) listed covered by Bond Number 965010695

3b. The **FORMER** operator has requested a release of liability from their bond on: n/a

LEASE INTEREST OWNER NOTIFICATION:

4. (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

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.

5. LEASE DESIGNATION AND SERIAL NUMBER: See attached
6. IF INDIAN, ALLOTTEE OR TRIBE NAME: See attached
7. UNIT or CA AGREEMENT NAME: See attached
8. WELL NAME and NUMBER: See attached
9. API NUMBER: Attached
10. FIELD AND POOL, OR WILDCAT: See attached

1. TYPE OF WELL: OIL WELL ☐ GAS WELL ☐ OTHER _____

2. NAME OF OPERATOR: Questar Exploration and Production Company N5085

3. ADDRESS OF OPERATOR: 1050 17th Street, Suite 500 CITY Denver STATE CO ZIP 80265 PHONE NUMBER: (303) 672-6900

4. LOCATION OF WELL

FOOTAGES AT SURFACE: See attached

COUNTY: Attached

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
☑ NOTICE OF INTENT (Submit in Duplicate)	☐ ACIDIZE	☐ DEEPEN	☐ REPERFORATE CURRENT FORMATION
Approximate date work will start: 6/14/2010	☐ ALTER CASING	☐ FRACTURE TREAT	☐ SIDETRACK TO REPAIR WELL
	☐ CASING REPAIR	☐ NEW CONSTRUCTION	☐ TEMPORARILY ABANDON
	☐ CHANGE TO PREVIOUS PLANS	☐ OPERATOR CHANGE	☐ TUBING REPAIR
	☐ CHANGE TUBING	☐ PLUG AND ABANDON	☐ VENT OR FLARE
☐ SUBSEQUENT REPORT (Submit Original Form Only)	☐ CHANGE WELL NAME	☐ PLUG BACK	☐ WATER DISPOSAL
Date of work completion:	☐ CHANGE WELL STATUS	☐ PRODUCTION (START/RESUME)	☐ WATER SHUT-OFF
	☐ COMMINGLE PRODUCING FORMATIONS	☐ RECLAMATION OF WELL SITE	☑ OTHER: Operator Name Change
	☐ CONVERT WELL TYPE	☐ RECOMPLETE - DIFFERENT FORMATION	

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) N3700
Utah State Bond Number: ~~965003033~~ 965010695
Fee Land Bond Number: ~~965003033~~
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) Morgan Anderson TITLE Regulatory Affairs Analyst

SIGNATURE Morgan Anderson DATE 6/23/2010

(This space for State use only)

RECEIVED
JUN 28 2010
DIV. OF OIL, GAS & MINING

APPROVED 6/30/2009
Earlene Russell
Division of Oil, Gas and Mining
Earlene Russell, Engineering Technician

(5/2000) (See Instructions on Reverse Side)

Questar Exploration Production Company (N5085) to QEP Energy Company (N3700)
RED WASH
effective June 14, 2010

well_name	sec	twp	rng	api	entity	mineral 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	twp	rng	api	entity	mineral 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	twp	rng	api	entity	mineral 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	twp	rng	api	entity	mineral 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

TAKE PRIDE IN AMERICA

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 & MINING

API Well No: 43047316820000

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

FORM 9

5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-081

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.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7.UNIT or CA AGREEMENT NAME: RED WASH

1. TYPE OF WELL Gas Well

8. WELL NAME and NUMBER: RW 43-15B

2. NAME OF OPERATOR: QEP ENERGY COMPANY

9. API NUMBER: 43047316820000

3. ADDRESS OF OPERATOR: 11002 East 17500 South , Vernal, Ut, 84078

PHONE NUMBER: 303 308-3068 Ext

9. FIELD and POOL or WILDCAT: RED WASH

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 1898 FSL 0635 FEL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NESE Section: 15 Township: 07.0S Range: 23.0E Meridian: S

COUNTY: UINTAH

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
✓ NOTICE OF INTENT Approximate date work will start: 12/20/2010	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ SUBSEQUENT REPORT Date of Work Completion:	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
☐ SPUD REPORT Date of Spud:	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
☐ DRILLING REPORT Report Date:	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	✓ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER: Wildcat Tax Credit Appl

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

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

Approved by the Utah Division of Oil, Gas and Mining

Date: 01/24/2011

By: Dark K Quist

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Jan Nelson	435 781-4331	Permit Agent

SIGNATURE	DATE
N/A	12/20/2010

RECEIVED December 20, 2010

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:

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 Oil and Gas 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.

Approved by the Utah Division of Oil, Gas and Mining

Date: 01/24/2011

By: Dustin K. Doucet

Reviewer(s): Dustin K. Doucet DKD Date: 1/24

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 43-16B	LA	NESE	16	070S	230E	0	0	D	1592				
4304731682	RW 43-15B	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			3/14/1985	Green River
4304731577	RW 11-22B	PA	NWNW	22	070S	230E	50591	308921	D	1474			2/23/1985	Green River
4304731516	RWU 291 (22X-23B)	PA	SENW	23	070S	230E	50744	59205	D	1176			1/16/1985	Green River
4304731515	RWU 290 (12X-23B)	PA	SWNW	23	070S	230E	35649	94088	D	1458			12/15/1984	Green River
4304731174	WALKER HOLLLOW 71	LA	SWSE	10	070S	230E	0	0	D	1288				
4304731025	PEARL BROADHURST 22	PA	SESW	10	070S	230E	21511	21268	D	1542			12/10/1981	Green River
4304730345	RW 22-14B	POW	SENW	14	070S	230E	131020	669293	D	916			9/7/1978	Green River
4304730192	RW 22-23B	PA	SENW	23	070S	230E	348993	236567	D	1392			4/15/1975	Green River
4304730093	WALKER HOLLOW 29	SOW	SWSW	11	070S	230E	393660	373433	D	1305			2/19/1971	Green River
4304716495	RW 41-15B	WIW	NENE	15	070S	230E	0	0	D	822			7/25/1962	Green River
4304715296	RW 12-14B	SOW	SWNW	14	070S	230E	307368	824161	D	641			6/27/1963	Green River
4304715293	RWU 191 (21-14B)	PA	NENW	14	070S	230E	219072	1109019	D	1141			4/22/1963	Green River
4304715270	RW 32-15B	POW	SWNE	15	070S	230E	311317	670407	D	562			1/6/1962	Green River
4304715267	RW 23-15B	WIW	NESW	15	070S	230E	304837	2076357	D	832			10/12/1961	Green River
4304715263	RW 31-22B	PA	NWNE	22	070S	230E	0	0	D	859			4/24/1961	Green River
4304715260	RW 22-22B	PGW	SENW	22	070S	230E	778938	1146958	D	1434			3/20/1961	Green River
4304715257	RW 33-14B	POW	NWSE	14	070S	230E	738116	1519383	D	1162			2/20/1961	Green River
4304715246	RW 14-15B	POW	SWSW	15	070S	230E	582682	490135	D	1293			6/19/1960	Green River
4304715239	RW 24-14B	POW	SESW	14	070S	230E	623490	1006046	D	831			4/2/1960	Green River
4304715222	RW 34-15B	POW	SWSE	15	070S	230E	450332	1046794	D	481			8/3/1959	Green River
4304715212	RW 11-23B	PA	NWNW	23	070S	230E	729059	3445526	D	867			3/17/1959	Green River
4304715190	RW 42-22B	PA	SENE	22	070S	230E	873610	2366429	D	1193			10/1/1957	Green River
4304715186	RW 21-22B	TA	NENW	22	070S	230E	505712	752327	D	1116			9/2/1957	Green River
4304715161	RW 23-14B	WIW	NESW	14	070S	230E	0	0	D	783			4/8/1955	Green River
4304715160	RW 14-14B	PA	SWSW	14	070S	230E	1040076	883694	D	558			12/21/1954	Green River
4304715155	RW 43-22B	DRL	NESE	22	070S	230E	934755	4597092	D	1582			12/3/1953	Green River
4304715152	RW 34-14B	SOW	SWSE	14	070S	230E	1118090	2496628	D	1225			8/21/1953	Green River
4304715151	RW 21-23B	WIW	SENW	23	070S	230E	0	0	D	1128			6/19/1953	Green River
4304715150	RW 32-14B	POW	SWNE	14	070S	230E	597390	2073835	D	1260			3/26/1953	Green River
4304715141	RW 12-23B	PA	SWNW	23	070S	230E	1279235	4029673	D	1233			2/3/1952	Green River
4304715139	RW 32-22B	POW	SWNE	22	070S	230E	1146977	2842310	D	1251			11/18/1951	Green River
4304715137	RW 41-22B	PA	NENE	22	070S	230E	724676	1071682	D	790			8/31/1951	Green River
4304715287	RW 31-23B	PA	NWNE	23	070S	230E	561930	3485504	D	1432			12/15/1962	Green River
4304715154	RW 43-14B	PA	NESE	14	070S	230E	517323	868908	D	1587			11/3/1953	Green River

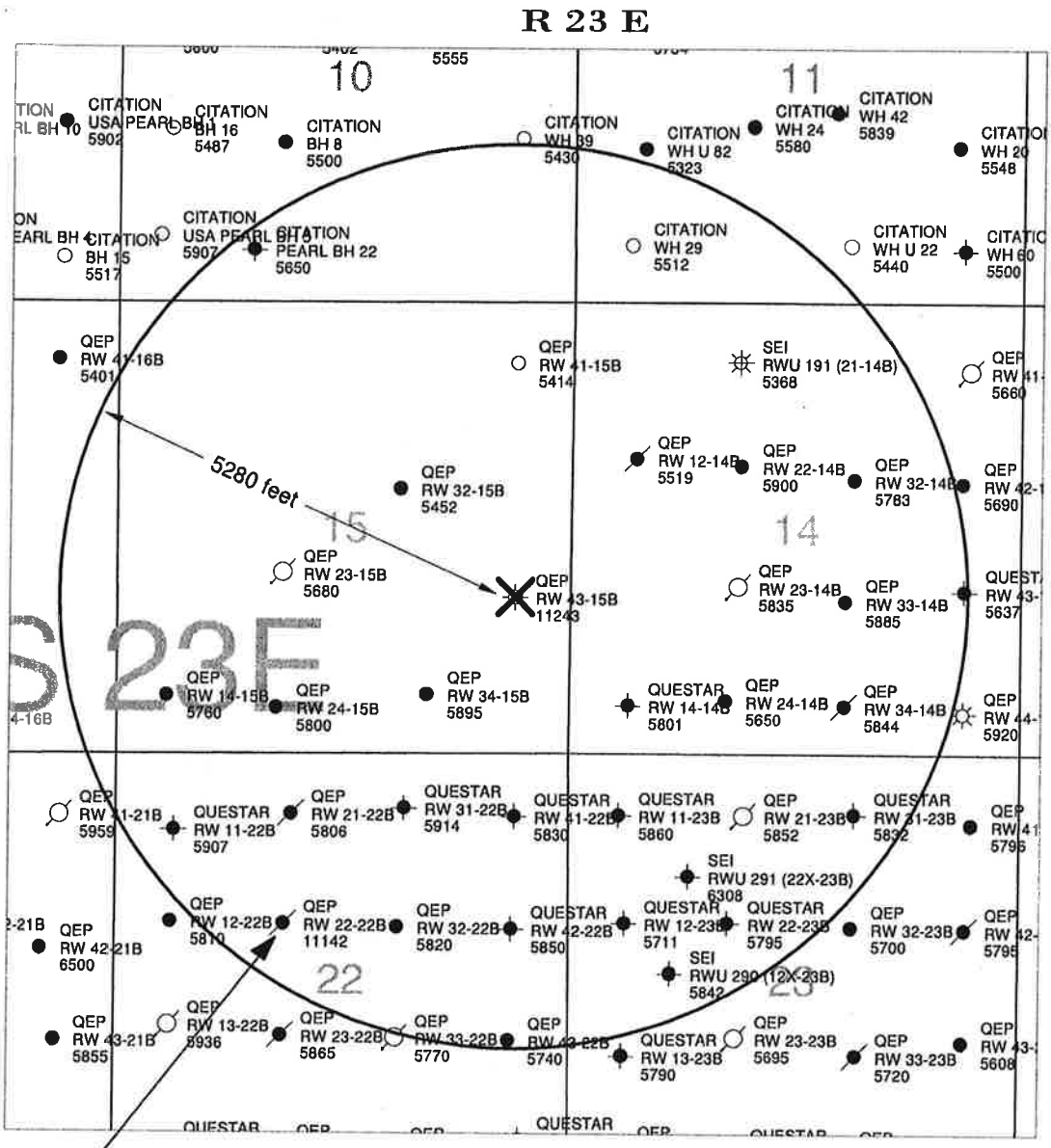
Approved by the
Utah Division of
Oil, Gas and Mining

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

RECEIVED December 20, 2010



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