

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

001

APPLICATION FOR PERMIT TO DRILL OR REENTER

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		<b>CONFIDENTIAL</b>	
1b. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone		7. If Unit or CA Agreement, Name and No. WONSITS VALLEY	
2. Name of Operator SHENANDOAH ENERGY INC.		8. Lease Name and Well No. STIRRUP UNIT 3G-8-8-22	
3a. Address 11002 E. 17500 S. VERNAL, UT 84078		9. API Well No. 43-047-34592	
3b. Phone No. (include area code) Ph: 435.781.4341 Fx: 435.781.4323		10. Field and Pool, or Exploratory WONSITS VALLEY	
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface NENW 730FNL 2021FWL 4444645 Y 40.14390 At proposed prod. zone 630603 X -109.46682		11. Sec., T., R., M., or Blk. and Survey or Area Sec 8 T8S R22E Mer SLB	
14. Distance in miles and direction from nearest town or post office* 11 +/- MILES FROM REDWASH, UTAH		12. County or Parish UINTAH	13. State UT
15. Distance from proposed location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 730' +/-	16. No. of Acres in Lease 1278.20	17. Spacing Unit dedicated to this well 40.00	
18. Distance from proposed location to nearest well, drilling, completed, applied for, on this lease, ft. 50'/-	19. Proposed Depth 5925 MD 5925 TVD	20. BLM/BIA Bond No. on file U-0969	
21. Elevations (Show whether DF, KB, RT, GL, etc.) 5140 KB	22. Approximate date work will start	23. Estimated duration 10 DAYS	

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, shall be attached to this form:

- |  |  |
|--|--|
| <ul style="list-style-type: none"> <li>1. Well plat certified by a registered surveyor.</li> <li>2. A Drilling Plan.</li> <li>3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office).</li> </ul> | <ul style="list-style-type: none"> <li>4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).</li> <li>5. Operator certification</li> <li>6. Such other site specific information and/or plans as may be required by the authorized officer.</li> </ul> |
|--|--|

25. Signature <i>John Busch</i>	Name (Printed/Typed) JOHN BUSCH	Date 05/24/2002
Title OPERATIONS	<b>Federal Approval Required Action is Necessary</b>	
Approved by (Signature) <i>Bradley G. Hill</i>		
Title OPERATIONS	Name (Printed/Typed) BRADLEY G. HILL	Date 06-12-02
	Office RECLAMATION SPECIALIST III	

Application approval does not warrant or certify the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.  
Conditions of approval, if any, are attached.

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.

Additional Operator Remarks (see next page)

Electronic Submission #11518 verified by the BLM Well Information System  
For SHENANDOAH ENERGY INC., sent to the Vernal

\*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL

**RECEIVED**

MAY 30 2002

DIVISION OF  
OIL, GAS AND MINING

# T8S, R22E, S.L.B.&M.

## SHENANDOAH ENERGY, INC.

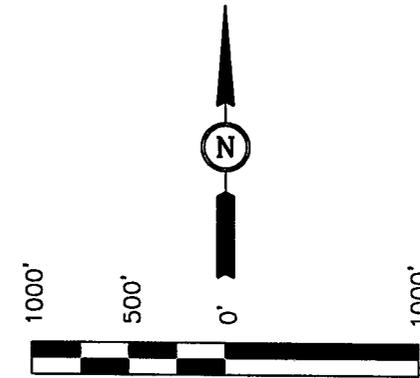
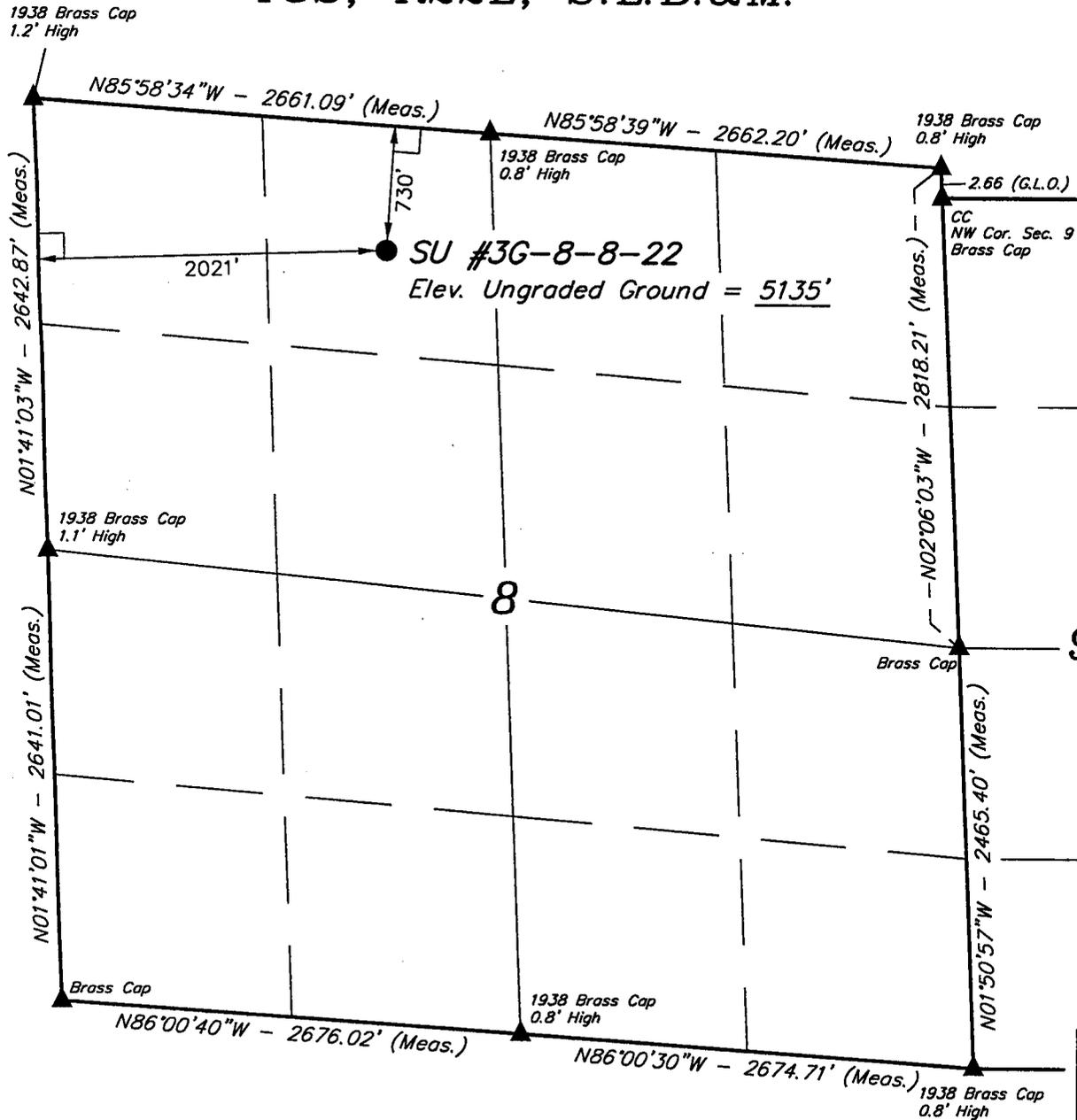
Well location, SU #3G-8-8-22, located as shown in the NE 1/4 NW 1/4 of Section 8, T8S, R22E, S.L.B.&M. Uintah County, Utah.

### 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.

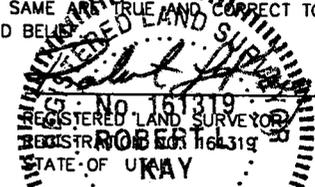
### BASIS OF BEARINGS

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.



UINTAH ENGINEERING AND SURVEYING  
85 SOUTH 200 EAST - VERNAL, UTAH 84078  
(435) 789-1017

### LEGEND:

- └─┘ = 90° SYMBOL
- = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.

(AUTONOMOUS NAD 83)  
 LATITUDE = 40°08'36.62" (40.143506)  
 LONGITUDE = 109°28'02.57" (109.467381)

SCALE 1" = 1000'	DATE SURVEYED: 05-10-02	DATE DRAWN: 05-13-02
PARTY D.A. J.A. D.COX	REFERENCES G.L.O. PLAT	
WEATHER WARM	FILE SHENANDOAH ENERGY, INC.	

SHENANDOAH ENERGY INC.  
SU 3G-8-8-22

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 and Gas 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.

1. Formation Tops

The estimated tops of important geologic markers are as follows:

<b>Formation</b>	<b>Depth</b>
Uinta	Surface
Green River	3150
Mahogany Ledge	3960
Mesa	5714
TD (Wasatch)	5925

2. Anticipated Depths of Oil, Gas, Water and Other Mineral Bearing Zones

The estimated depths at which the top and bottom of the anticipated water, oil, gas or other mineral bearing formations are expected to be encountered are as follows:

<b>Substance</b>	<b>Formation</b>	<b>Depth</b>
Oil/Gas	Wasatch <i>GRV</i>	5925

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 no flows are detected, samples will be submitted to the BLM along with any water analyses conducted.

3. Anticipated Bottom Hole Pressures

Maximum anticipated bottom hole pressure equals approximately 2370.0 psi.

SHENANDOAH ENERGY INC.  
STIRRUP UNIT 3G-8-8-22  
730' FNL, 2021' FWL  
NENW, SECTION 8, T8S, R22E  
UINTAH COUNTY, UTAH  
LEASE # UTU-022158

ONSHORE ORDER NO. 1

MULTI – POINT SURFACE USE & OPERATIONS PLAN

1. **Existing Roads:**

The proposed well site is approximately 11 miles West of Redwash , Utah.

Refer to Topo Maps A and B for location of access roads within a 2 – mile radius.

There will be no improvements made to existing access roads.

2. **Planned Access Roads:**

Please see Shenandoah Energy Inc. Standard Operating Practices for Green River Formation Wells located in Red Wash, Wonsits Valley, Gypsum Hills, White River, Glen Bench, and undesignated fields in Townships 07 and 08 South, Ranges 21 to 24 East.

Refer to Topo Map B for the location of the proposed access road.

3. **Location of Existing Wells Within a 1 – Mile Radius:**

Please refer to Topo Map C.

4. **Location of Existing & Proposed Facilities:**

Please see Shenandoah Energy Inc. Standard Operating Practices for Green River Formation Wells located in Red Wash, Wonsits Valley, Gypsum Hills, White River, Glen Bench, and undesignated fields in Townships 07 and 08 South, Ranges 21 to 24 East.

Refer to Topo Map D for the location of the proposed pipeline.

5. **Location and Type of Water Supply:**

Please see Shenandoah Energy Inc. Standard Operating Practices for Green River Formation Wells located in Red Wash, Wonsits Valley, Gypsum Hills, White River, Glen Bench, and undesignated fields in Townships 07 and 08 South, Ranges 21 to 24 East.

6. **Source of Construction Materials:**

Please see Shenandoah Energy Inc. Standard Operating Practices for Green River Formation Wells located in Red Wash, Wonsits Valley, Gypsum Hills, White River, Glen Bench, and undesignated fields in Townships 07 and 08 South, Ranges 21 to 24 East.

**7. Methods of Handling Waste Materials:**

Please see Shenandoah Energy Inc. Standard Operating Practices for Green River Formation Wells located in Red Wash, Wonsits Valley, Gypsum Hills, White River, Glen Bench, and undesignated fields in Townships 07 and 08 South, Ranges 21 to 24 East.

**8. Ancillary Facilities:**

Please see Shenandoah Energy Inc. Standard Operating Practices for Green River Formation Wells located in Red Wash, Wonsits Valley, Gypsum Hills, White River, Glen Bench, and undesignated fields in Townships 07 and 08 South, Ranges 21 to 24 East.

**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.

**10. Plans for Reclamation of the Surface:**

Please see Shenandoah energy Inc. Standard Operating Practices for Green River Formation Wells located in Red Wash, Wonsits Valley, Gypsum Hills, White River, Glen Bench, and undesignated fields in Township 07 and 08 South, Ranges 21 to 24 East.

**11. Surface Ownership:**

The well pad and access road are located on lands owned by:

Bureau of Land Management  
170 S. 500 E.  
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 directly to the appropriate agencies by Montgomery Archaeology Consultants. Cultural resource clearance was recommended for this location.

**Lessee's or Operator's Representative:**

John Busch  
Red Wash Operations Rep.  
Shenandoah Energy Inc.  
11002 East 17500 South  
Vernal, Utah 84078  
(435) 781-4341

**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 & Gas Orders, the approved plan of operations, and any applicable Notice to Lessees.

Shenandoah Energy Inc. will be fully responsible for the actions of their 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.

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which currently 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 Shenandoah Energy Inc. its' contractors and subcontractors 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.

John Busch  
John Busch  
Red Wash Operations Representative

23-May-02  
Date

**Additional Operator Remarks:**

Shenandoah Energy Inc. proposes to drill a well to 5925' to test the Green River. If productive, casing will be run and the well completed. If dry, the well will be plugged and abandoned as per BLM and State of Utah requirements.

Please see Shenandoah Energy Inc. Standard Operating Practices for Green River Formation Wells located in Red Wash, Wonsits Valley, Gypsum Hills, White River, Glen Bench, and undesignated fields in Townships 07 and 08 South, Ranges 21 and 24 East.

See Onshore Order No. 1 attached

Please be advised that Shenandoah Energy Inc. agrees to be responsible under the terms and conditions of the lease for the operations conducted upon the lease lands.

Bond coverage for this well is provided by Bond No. U-0969. The principal is Shenandoah Energy Inc. via surety as consent as provided for the 43 CFR 3104.2.

# SHENANDOAH ENERGY, INC.

SU #3G-8-8-22

LOCATED IN UINTAH COUNTY, UTAH  
SECTION 8, T8S, R22E, S.L.B.&M.

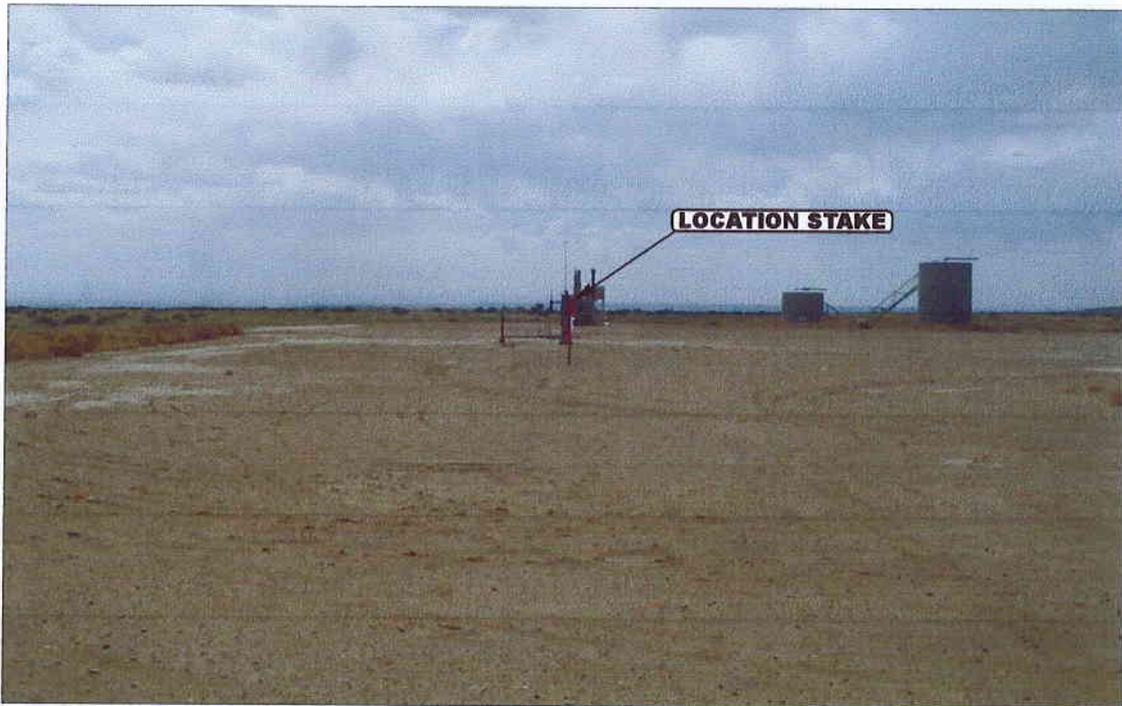


PHOTO: VIEW OF LOCATION STAKE

CAMERA ANGLE: WESTERLY



PHOTO: VIEW OF EXISTING APPROACH

CAMERA ANGLE: SOUTHERLY



- Since 1964 -

**U**  
**E**  
**L**  
**S** Uintah Engineering & Land Surveying  
85 South 200 East Vernal, Utah 84078  
435-789-1017 uels@uelsinc.com

<b>LOCATION PHOTOS</b>	<b>5</b>	<b>14</b>	<b>02</b>	<b>PHOTO</b>
	MONTH	DAY	YEAR	
TAKEN BY: D.A.	DRAWN BY: P.M.		REVISED: 00-00-00	

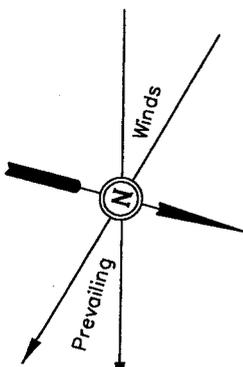
SHENANDOAH ENERGY, INC.

LOCATION LAYOUT FOR

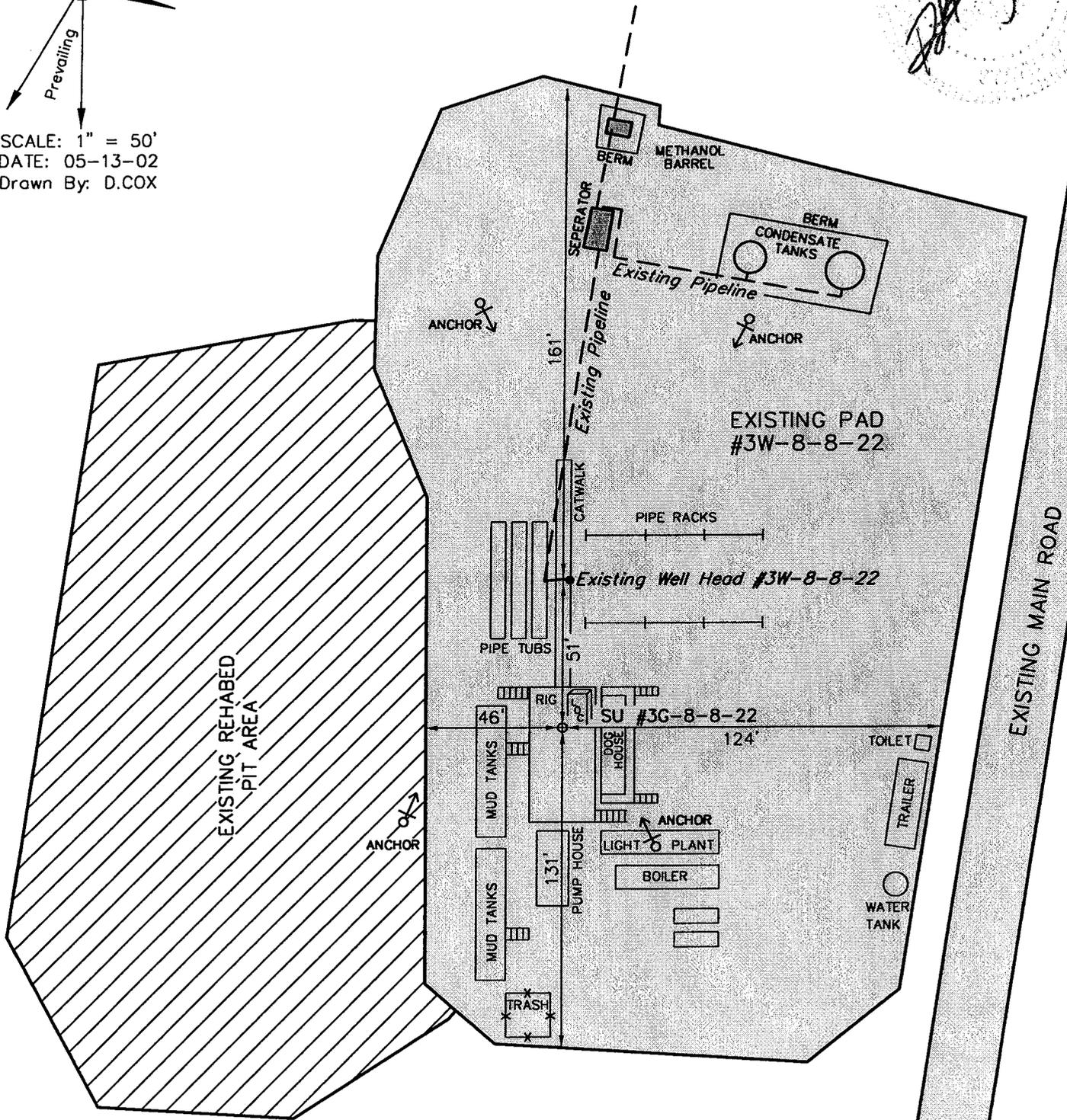
SU #3G-8-8-22  
SECTION 8, T8S, R22E, S.L.B.&M.  
730' FNL 2021' FWL

FIGURE #1

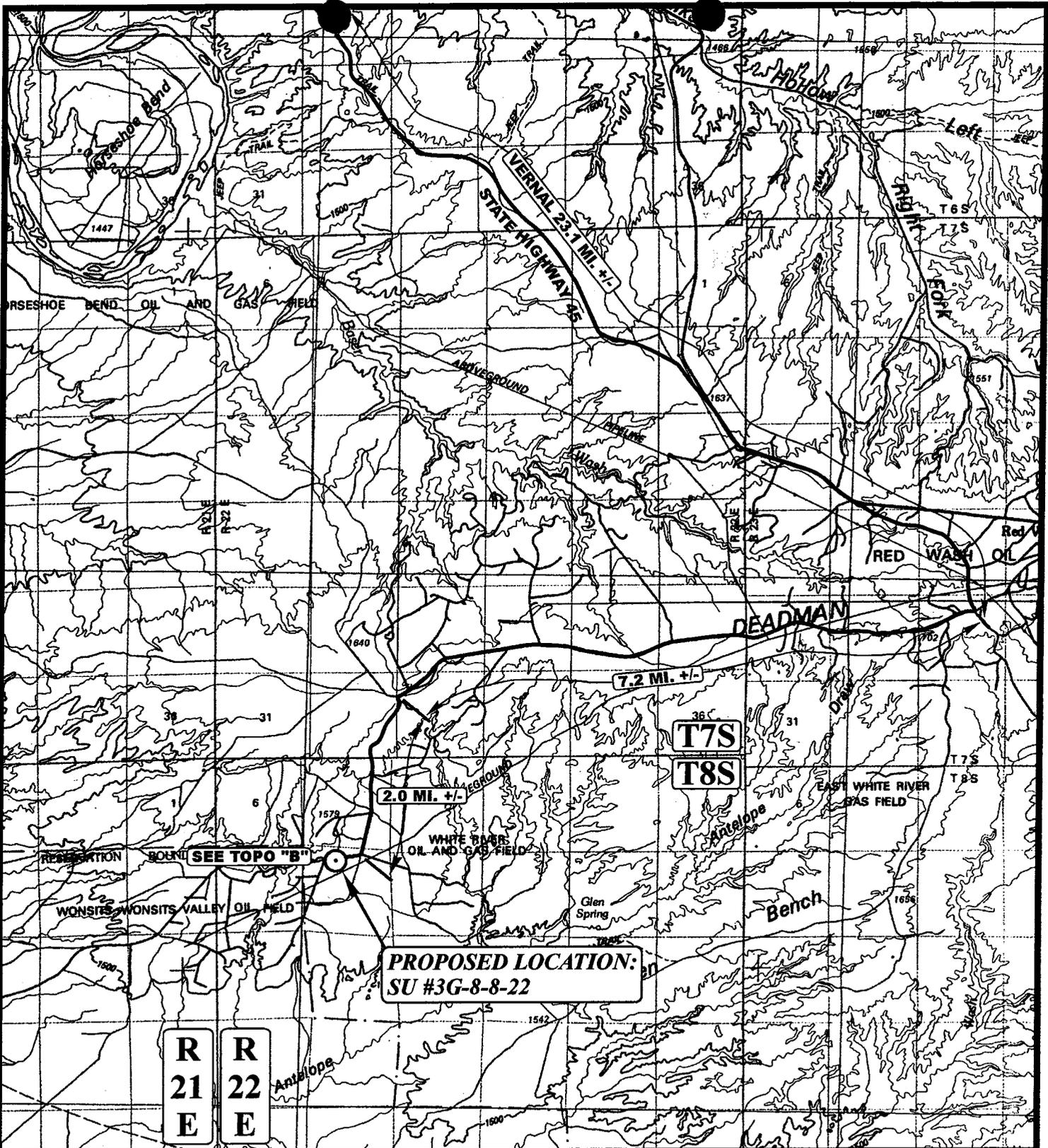
*[Handwritten signature]*



SCALE: 1" = 50'  
DATE: 05-13-02  
Drawn By: D.COX



NOTE:  
EXISTING FACILITIES, PIPELINES, TANKS, ECT.,  
MAY REQUIRE RELOCATION DURING DRILLING  
PROCESS TO ACCOMODATE DRILLING RIG.



**PROPOSED LOCATION:  
SU #3G-8-8-22**

**LEGEND:**

⊙ PROPOSED LOCATION

**SHENANDOAH ENERGY, INC.**

SU #3G-8-8-22  
SECTION 8, T8S, R22E, S.L.B.&M.  
730' FNL 2021' FWL



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

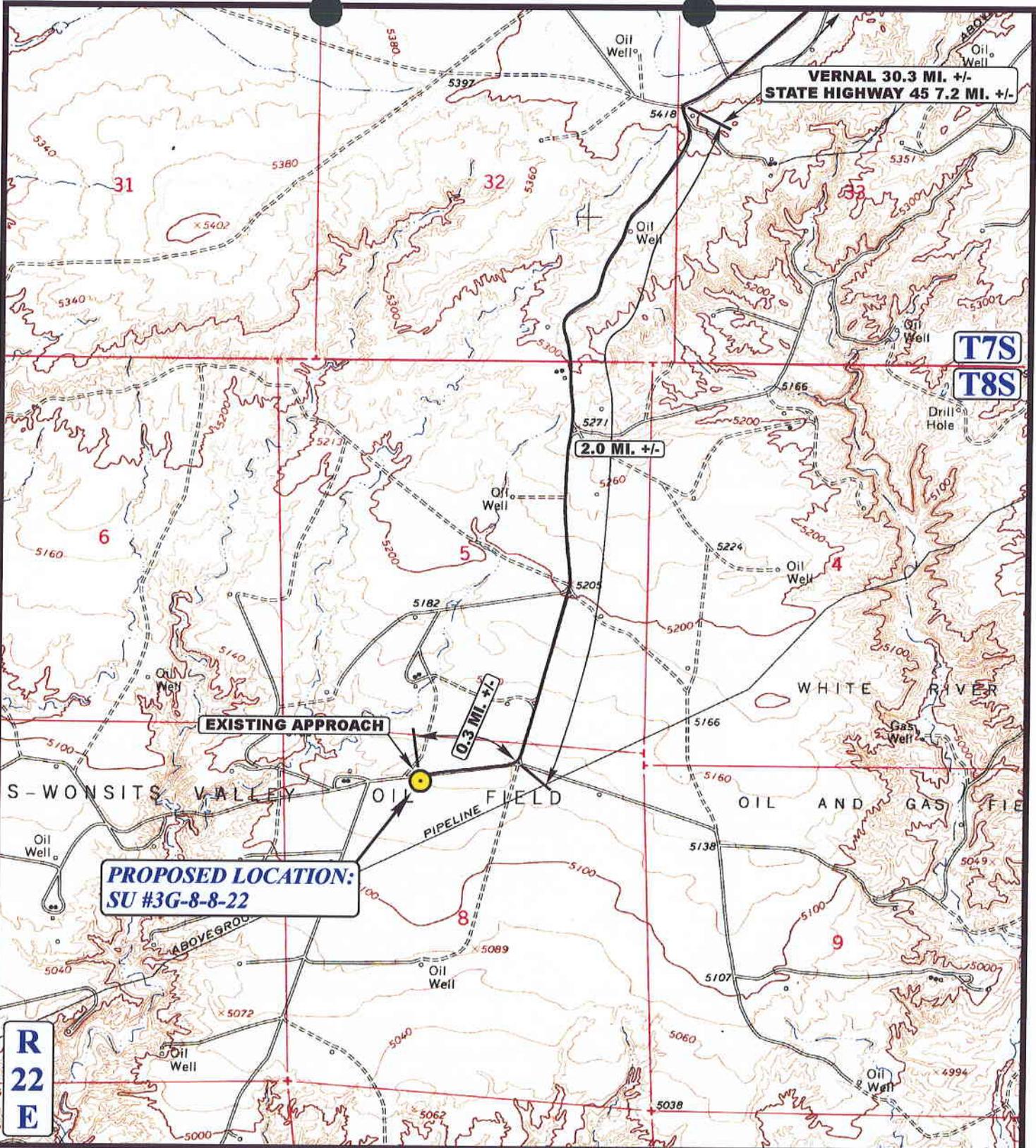


**TOPOGRAPHIC  
MAP**

<b>5</b>	<b>14</b>	<b>02</b>
MONTH	DAY	YEAR

SCALE: 1:100,000 DRAWN BY: P.M. REVISED: 00-00-00





**VERNAL 30.3 MI. +/-  
STATE HIGHWAY 45 7.2 MI. +/-**

**T7S**

**T8S**

**2.0 MI. +/-**

**EXISTING APPROACH**

**0.3 MI. +/-**

**PROPOSED LOCATION:  
SU #3G-8-8-22**

**R  
22  
E**

**LEGEND:**

— EXISTING ROAD



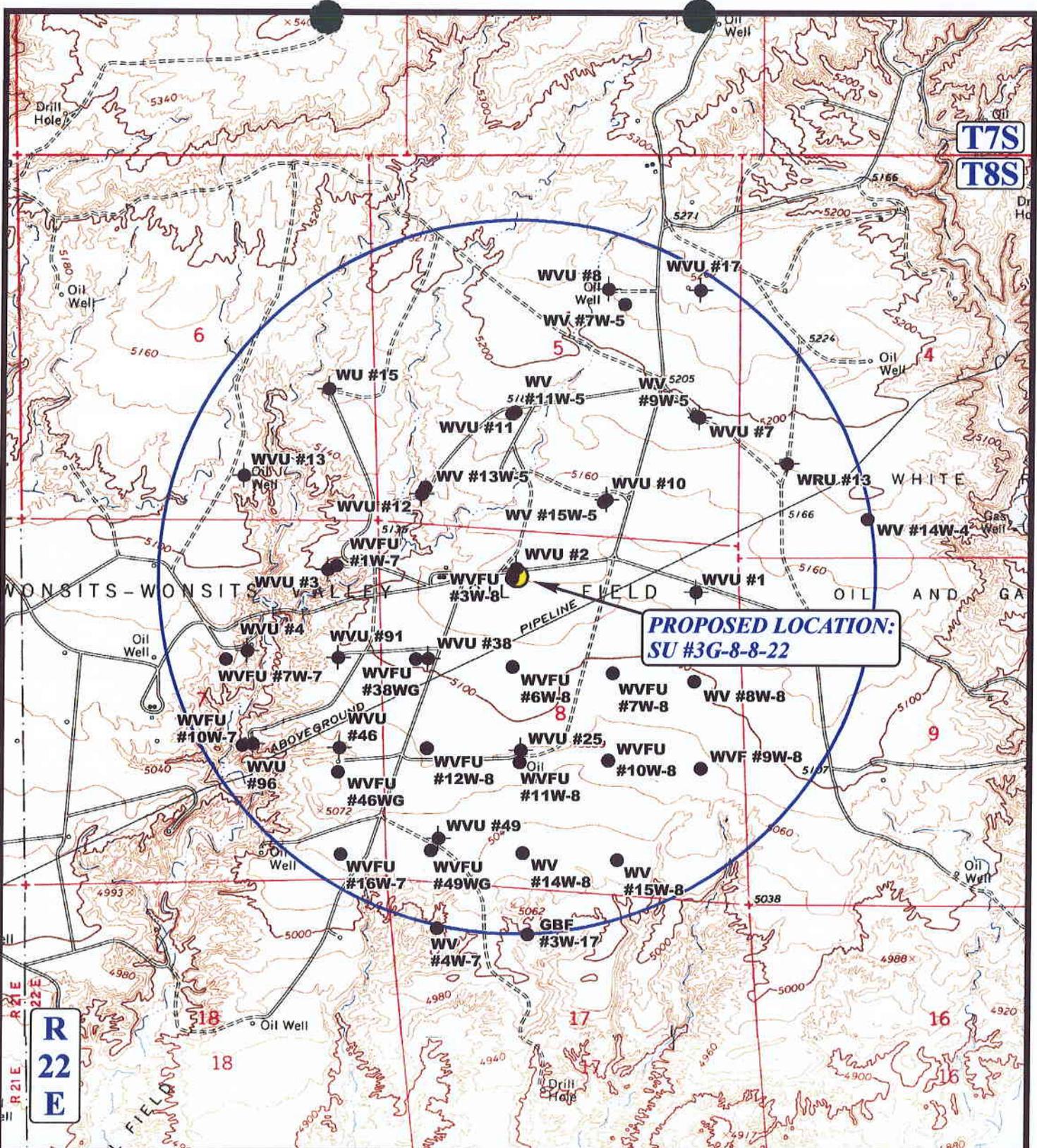
**SHENANDOAH ENERGY, INC.**

**SU #3G-8-8-22  
SECTION 8, T8S, R22E, S.L.B.&M.  
730' FNL 2021' FWL**



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

<b>TOPOGRAPHIC MAP</b>	<b>5</b>	<b>14</b>	<b>02</b>	<b>B TOPO</b>
	MONTH	DAY	YEAR	
SCALE: 1" = 2000'	DRAWN BY: P.M.		REVISED: 00-00-00	



**T7S**  
**T8S**

**PROPOSED LOCATION:**  
**SU #3G-8-8-22**

**R**  
**22**  
**E**

**LEGEND:**

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



**SHENANDOAH ENERGY, INC.**

**SU #3G-8-8-22**  
**SECTION 8, T8S, R22E, S.L.B.&M.**  
**730' FNL 2021' FWL**

**U&L S** Uintah Engineering & Land Surveying  
85 South 200 East Vernal, Utah 84078  
(435) 789-1017 \* FAX (435) 789-1813

**TOPOGRAPHIC MAP** 5 14 02  
MONTH DAY YEAR  
SCALE: 1" = 2000' DRAWN BY: P.M. REVISED: 00-00-00





002

WORKSHEET  
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 05/30/2002

API NO. ASSIGNED: 43-047-34596

WELL NAME: STIRRUP U 3G-8-8-22  
OPERATOR: SHENANDOAH ENERGY INC ( N4235 )  
CONTACT: JOHN BUSCH

PHONE NUMBER: 435-781-4341

PROPOSED LOCATION:

NENW 08 080S 220E  
SURFACE: 0730 FNL 2021 FWL  
BOTTOM: 0730 FNL 2021 FWL  
UINTAH  
WONSITS VALLEY ( 710 )

INSPECT LOCATN BY: / /		
Tech Review	Initials	Date
Engineering		
Geology		
Surface		

LEASE TYPE: 1 - Federal  
LEASE NUMBER: U-022158  
SURFACE OWNER: 1 - Federal

LATITUDE: 40.14390

PROPOSED FORMATION: WSTC GRV

LONGITUDE: 109.46682

RECEIVED AND/OR REVIEWED:

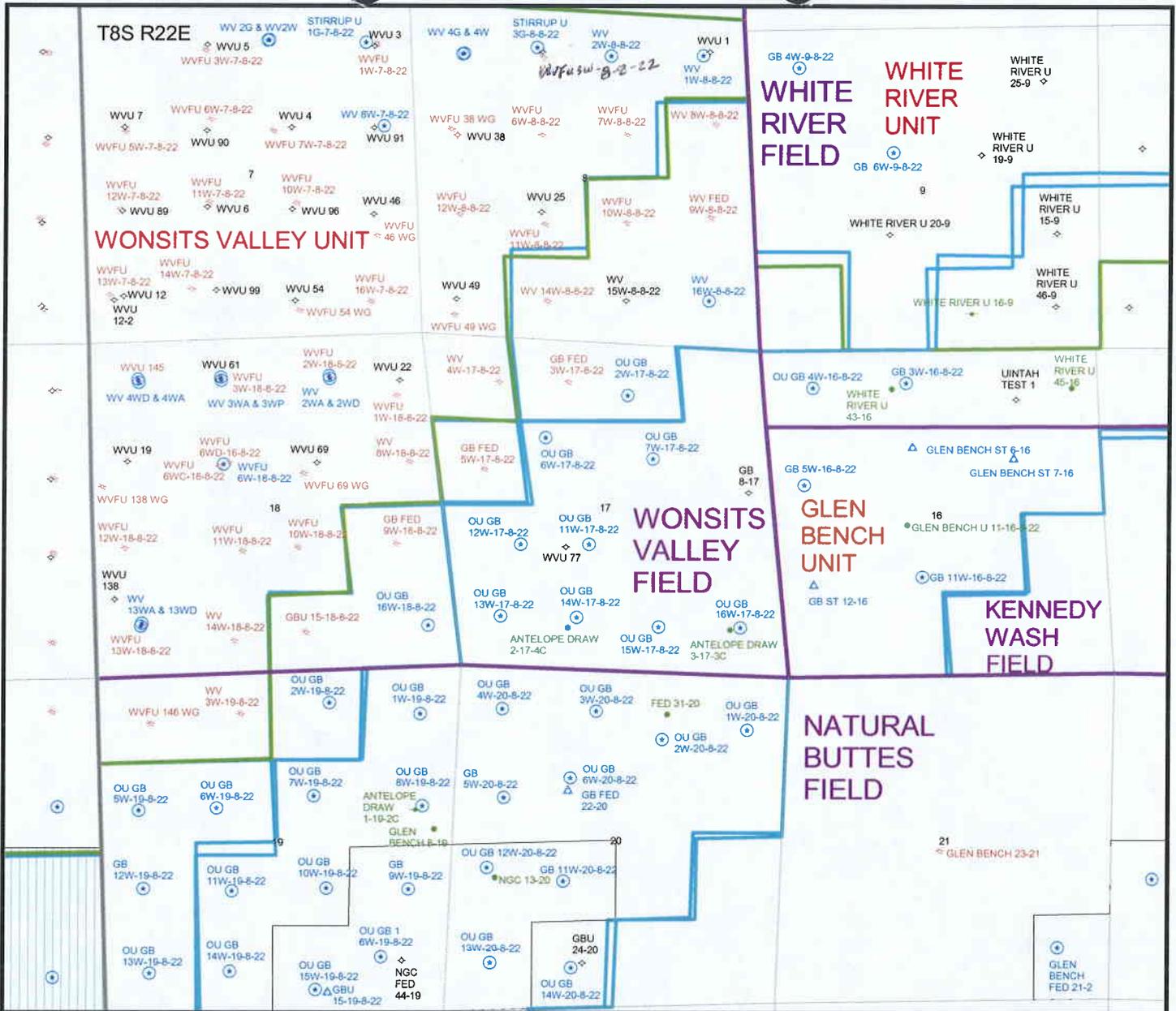
- Plat
- Bond: Fed[1] Ind[] Sta[] Fee[]  
(No. U-0969 )
- Potash (Y/N)
- Oil Shale 190-5 (B) or 190-3 or 190-13
- Water Permit  
(No. 43-8496 )
- RDCC Review (Y/N)  
(Date: )
- Fee Surf Agreement (Y/N)

LOCATION AND SITING:

- R649-2-3.
- Unit WONSITS VALLEY
- R649-3-2. General  
Siting: 460 From Qtr/Qtr & 920' Between Wells
- R649-3-3. Exception
- Drilling Unit  
Board Cause No: 187-06  
Eff Date: 8-2-01  
Siting: \*400' Fr unit boundary
- R649-3-11. Directional Drill

COMMENTS: SOP, Stirrup file.

STIPULATIONS: 1- Fed Approval

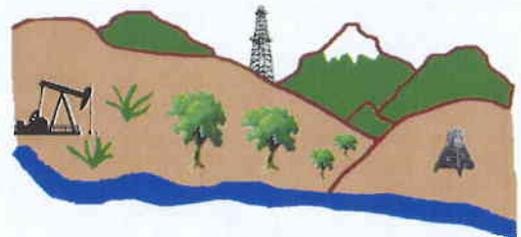


Operator Name: SHENANDOAH ENERGY (N4235)

Sec. 8 T8S R22E

Field: WONSITS VALLEY (710)

County: UINTAH Unit: WONSITS VALLEY

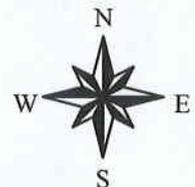


Field Status	
	ABANDONED
	ACTIVE
	COMBINED
	INACTIVE
	PROPOSED
	STORAGE
	TERMINATED
	Township.shp
	Sections

Well Status	
	Gas Injection
	Gas Storage
	Location Abandoned
	Location
	Plugged
	Producing Gas
	Producing Oil
	Shut-In Gas
	Shut-In Oil
	Temporarily Abandoned
	Test Well
	Water Injection
	Water Supply
	Water Disposal

Unit Status	
	EXPLORATORY
	GAS STORAGE
	NF PP OIL
	NF SECONDARY
	PENDING
	PI OIL
	PP GAS
	PP GEOTHERML
	PP OIL
	SECONDARY
	TERMINATED

Utah Oil Gas and Mining



Prepared By: D. Mason  
Date: 07-June-2002

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)

June 12, 2002

Memorandum

To: Assistant District Manager Minerals, Vernal District

From: Michael Coulthard, Petroleum Engineer

Subject: 2002 Plan of Development Wonsits Valley Unit,  
Uintah County, Utah.

Pursuant to email between Diana Mason, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management. The following wells are planned for calendar year 2002 within the Wonsits Valley Unit, Uintah County, Utah.

Api Number	Well	Location
------------	------	----------

Wonsits Valley Unit

(Proposed PZ Green River)

43-047-34596	Wonsits Valley Unit 3G-8-8-22 Sec. 8,	T8S, R22E 0730 FNL 2021 FWL
43-047-34597	Wonsits Valley Unit 1G-7-8-22 Sec. 7,	T8S, R22E 0653 FNL 0700 FEL

This office has no objection to permitting the wells at this time.

/s/ Michael L. Coulthard

bcc: File - Wonsits Valley Unit  
Division of Oil Gas and Mining  
Agr. Sec. Chron  
Fluid Chron

MCoulthard:mc:6-12-2

003



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

Michael O. Leavitt  
Governor

Kathleen Clarke  
Executive Director

Lowell P. Braxton  
Division Director

1594 West North Temple, Suite 1210

PO Box 145801

Salt Lake City, Utah 84114-5801

801-538-5340

801-359-3940 (Fax)

801-538-7223 (TDD)

June 12, 2002

Shenandoah Energy Inc.  
11002 E 17500 S  
Vernal, UT 84078

Re: Stirrup Unit 3G-8-8-22 Well, 730' FNL, 2021' FWL, NE NW, Sec. 8, T. 8 South,  
R. 22 East, Uintah County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

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. The API identification number assigned to this well is 43-047-34596.

Sincerely,

A handwritten signature in black ink, appearing to read 'John R. Baza'.

for John R. Baza  
Associate Director

pb

Enclosures

cc: Uintah County Assessor  
Bureau of Land Management, Vernal District Office

**Operator:** Shenandoah Energy Inc.  
**Well Name & Number** Stirrup Unit 3G-8-8-22  
**API Number:** 43-047-34596  
**Lease:** U-022158

**Location:** NE NW      **Sec.** 8      **T.** 8 South      **R.** 22 East

### Conditions of Approval

1. 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.

2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

- Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

- Contact Dan Jarvis at (801) 538-5338

3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.

004

SHENANDOAH ENERGY INC.  
STIRRUP UNIT 3G-8-8-22  
730' FNL, 2021' FWL  
NENW, SECTION 8, T8S, R22E  
UINTAH COUNTY, UTAH  
LEASE # UTU-022158

ONSHORE ORDER NO. 1

RECEIVED  
JUL 01 2002  
DIVISION OF  
OIL, GAS AND MINING

MULTI – POINT SURFACE USE & OPERATIONS PLAN

1. **Existing Roads:**

The proposed well site is approximately 11 miles West of Redwash , Utah.

Refer to Topo Maps A and B for location of access roads within a 2 – mile radius.

There will be no improvements made to existing access roads.

2. **Planned Access Roads:**

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Refer to Topo Map B for the location of the proposed access road.

3. **Location of Existing Wells Within a 1 – Mile Radius:**

Please refer to Topo Map C.

4. **Location of Existing & Proposed Facilities:**

Please see Shenandoah Energy Inc. Standard Operating Practices for Green River Formation Wells located in Red Wash, Wonsits Valley, Gypsum Hills, White River, Glen Bench, and undesignated fields in Townships 07 and 08 South, Ranges 21 to 24 East.

Refer to Topo Map D for the location of the proposed pipeline.

5. **Location and Type of Water Supply:**

Please see Shenandoah Energy Inc. Standard Operating Practices for Green River Formation Wells located in Red Wash, Wonsits Valley, Gypsum Hills, White River, Glen Bench, and undesignated fields in Townships 07 and 08 South, Ranges 21 to 24 East.

6. **Source of Construction Materials:**

Please see Shenandoah Energy Inc. Standard Operating Practices for Green River Formation Wells located in Red Wash, Wonsits Valley, Gypsum Hills, White River, Glen Bench, and undesignated fields in Townships 07 and 08 South, Ranges 21 to 24 East.

7. **Methods of Handling Waste Materials:**

Please see Shenandoah Energy Inc. Standard Operating Practices for Green River Formation Wells located in Red Wash, Wonsits Valley, Gypsum Hills, White River, Glen Bench, and undesignated fields in Townships 07 and 08 South, Ranges 21 to 24 East.

8. **Ancillary Facilities:**

Please see Shenandoah Energy Inc. Standard Operating Practices for Green River Formation Wells located in Red Wash, Wonsits Valley, Gypsum Hills, White River, Glen Bench, and undesignated fields in Townships 07 and 08 South, Ranges 21 to 24 East.

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.

Please refer to the SU 3W-8-8-22.

10. **Plans for Reclamation of the Surface:**

Please see Shenandoah energy Inc. Standard Operating Practices for Green River Formation Wells located in Red Wash, Wonsits Valley, Gypsum Hills, White River, Glen Bench, and undesignated fields in Township 07 and 08 South, Ranges 21 to 24 East.

Please refer to the SU 3W-8-8-22.

11. **Surface Ownership:**

The well pad and access road are located on lands owned by:

Bureau of Land Management  
170 S. 500 E.  
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 directly to the appropriate agencies by Montgomery Archaeology Consultants. Cultural resource clearance was recommended for this location.

A power line right of way is required. Right of will be 30' wide 25' on each side with a span height of not less than 25', voltage 13,300, length 1000 +/- with 3 phase wire and 5 poles (MLEA). The line will be installed and maintained by Shenandoah Energy, Inc.

**REVISED**  
Powerline 8/2/10

005

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0136  
Expires November 30, 2000

APPLICATION FOR PERMIT TO DRILL OR REENTER

1a. Type of Work:  DRILL  REENTER

**CONFIDENTIAL**

1b. Type of Well:  Oil Well  Gas Well  Other  Single Zone  Multiple Zone

2. Name of Operator: SHENANDOAH ENERGY INC  
Contact: JOHN BUSCH  
E-Mail: jbusch@shenandoahenergy.com

3a. Address: 11002 EAST 17500 SOUTH  
VERNAL, UT 84078-8526

3b. Phone No. (include area code)  
Ph: 435.781.4341  
Fx: 435.781.4323

4. Location of Well (Report location clearly and in accordance with any State requirements. \*)  
At surface: NENW 730FNL 2021FWL  
At proposed prod. zone: **RECEIVED**  
MAY 29 2002

14. Distance in miles and direction from nearest town or post office\*  
11 +/- MILES FROM REDWASH, UTAH

15. Distance from proposed location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any)  
730' +/-

16. No. of Acres in Lease  
1278.24

18. Distance from proposed location to nearest well, drilling, completed, applied for, on this lease, ft.  
50'/-

19. Proposed Depth  
5925 MD  
5925 TVD

21. Elevations (Show whether DF, KB, RT, GL, etc.)  
5140 KB

22. Approximate date work will start

5. Lease Serial No.  
UTU022158

6. If Indian, Allottee or Tribe Name

7. If Unit or CA Agreement, Name and No.  
UTU630430

8. Lease Name and Well No.  
STIRRUP 3G-8-8-22

9. API Well No.

10. Field and Pool, or Exploratory  
WONSITS VALLEY

11. Sec., T., R., M., or Blk. and Survey or Area  
Sec 8 T8S R22E Mer SLB

12. County or Parish  
UINTAH

13. State  
UT

17. Spacing Unit dedicated to this well  
40.00

20. BLM/BIA Bond No. on file  
UT0969

23. Estimated duration  
10 DAYS

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, shall be attached to this form:

- 1. Well plat certified by a registered surveyor.
- 2. A Drilling Plan.
- 3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office).
- 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
- 5. Operator certification
- 6. Such other site specific information and/or plans as may be required by the authorized officer.

25. Signature (Electronic Submission) Name (Printed/Typed) JOHN BUSCH Date 05/24/2002

Title OPERATIONS **RECEIVED**  
Approved by (Signature) Name (Printed/Typed) AUG 27 2002 Date 08/14/2002  
Title Assistant Field Manager Office DIVISION OF OIL, GAS AND MINING  
Mineral Resources

Application approval does not warrant or certify the applicant holds legal or equitable title to those rights in the proposed well which entitle the applicant to conduct operations thereon. Conditions of approval, if any, are attached.

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.

Additional Operator Remarks (see next page)

Electronic Submission #11518 verified by the BLM Well Information System  
For SHENANDOAH ENERGY INC, sent to the Vernal  
Committed to AFMSS for processing by LESLIE WALKER on 05/31/2002 (02LW0853AE)

NOTICE OF APPROVAL

**CONDITIONS OF APPROVAL ATTACHED**

\*\* REVISED \*\*

DOOMA

CONDITIONS OF APPROVAL  
APPLICATION FOR PERMIT TO DRILL

**RECEIVED**

Company/Operator: Shenandoah Energy Inc.

AUG 27 2002

Well Name & Number: Stirrup #3G-8-8-22

DIVISION OF  
OIL, GAS AND MINING

API Number: 43-047-34596

Lease Number: U-022158

Location: NENW Sec. 8 T.8S R. 22E

Agreement: N/A

For more specific details on notification requirements, please check the Conditions of Approval for Notice to Drill and Surface Use Program.

**CONDITIONS OF APPROVAL FOR PERMIT TO DRILL**

Approval of this application 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.

Be aware fire restrictions may be in effect when location is being constructed and/or when well is being drilled. Contact the appropriate Surface Management Agency for information.

Casing Program and Auxiliary Equipment

As a minimum requirement, the cement behind the production casing must extend 200' above the base of the fresh water identified at  $\pm 3535'$ .

Coring, Logging and Testing Program

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

Other Information

In the event after-hours approvals are necessary, you must contact one of the following individuals:

Ed Forsman (435) 828-7874  
Petroleum Engineer

Kirk Fleetwood (435) 828-7875  
Petroleum Engineer

BLM FAX Machine (435) 781-4410

**RECEIVED**

AUG 27 2002

DIVISION OF  
OIL, GAS AND MINING

**CONDITIONS OF APPROVAL**  
**FOR THE SURFACE USE PROGRAM**

-The reserve pit will not require a pit liner.

**SHENANDOAH ENERGY INC.**

Western District

11002 E. 17500 S.  
Vernal, Utah 84078  
435-781-4342  
Fax 435-781-4357

**FACSIMILE TRANSMISSION**

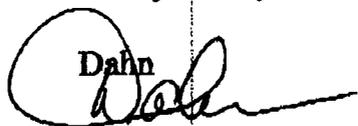
To: Carol Daniels  
Fax: 801.359.3940  
From: Dahn Caldwell  
Date: September 30, 2002  
Re: Spud Sundry's and Reports

Pages including this one: *13*

Message

Hope this helps by faxing these reports to you. They didn't get sent out last Friday. Sorry!

Dahn



**RECEIVED**

SEP 30 2002

DIVISION OF  
OIL, GAS AND MINING

006

Form 3160-5  
(August 1999)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**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.*

FORM APPROVED  
OMB NO. 1004-0135  
Expires: November 30, 2000

5. Lease Serial No. U-022158
6. If Indian, Allottee or Tribe Name
7. If Unit or CA/Agreement, Name and/or No.
8. Well Name and No. STIRRUP UNIT 3G 6-6-22
9. API Well No. 43-047-34596
10. Field and Pool, or Exploratory WONSITS VALLEY
11. County or Parish, and State UINTAH COUNTY, UT

**SUBMIT IN TRIPLICATE - Other Instructions on reverse side.**

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other	<b>CONFIDENTIAL</b>
2. Name of Operator SHENANDOAH ENERGY	
3a. Address 11002 E. 17500 S; VERNAL, UT 84078	3b. Phone No. (include area code) Ph: 435.781.4342 Fx: 435.781.4357
4. Location of Well (Photage, Sec., T., R., M., or Survey Description) Sec 8 T8S R22E NENW 730FNL 2021FWL	

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

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Deepen
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Fracture Treat
	<input type="checkbox"/> Alter Casing
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Plug and Abandon
	<input type="checkbox"/> Change Plans
	<input type="checkbox"/> Plug Back
	<input type="checkbox"/> Convert to Injection
	<input type="checkbox"/> Production (Start/Resume)
	<input type="checkbox"/> Reclamation
	<input type="checkbox"/> Recomplete
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Well Integrity
	<input checked="" type="checkbox"/> Other Well Spud
	<input type="checkbox"/> Water Disposal

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or 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 inactivation.)

This well was spud on 9/29/02. Drilled 12 1/4" hole to 492'. Ran 11 joints 9 5/8", J-55, 36# casing to 484'KB.

14. I hereby certify that the foregoing is true and correct.  
Electronic Submission #14684 verified by the BLM Well Information System  
For SHENANDOAH ENERGY, sent to the Vernal

Name (Printed/Typed): DAHN F. CALDWELL  
Signature: *Dahn F Caldwell*  
(Electronic Submission)

Title: AUTHORIZED REPRESENTATIVE  
Date: 09/30/2002

**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 enable the applicant to conduct operations thereon.		
Office _____		

Title 18 U.S.C. Section 1041 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.

**\*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\***

**CONFIDENTIAL**

OPERATOR: **Shenandoah Energy, Inc.**  
ADDRESS: **11002 East 17500 South  
Vernal, Utah 84078-8526**

OPERATOR ACCT. No. N-4235

**(435)781-4300**

ENTITY ACTION FORM - FORM 6

Action Code	Current Entity No.	New Entity No.	API Number	Well Name	QQ	SC	TP	RG	County	Spud Date	Effective Date
B			43-047-34596	SU 3G 8 8 22	NE NW	8	8S	22E	Uintah	9/29/02/02	

WELL 1 COMMENTS:

**New well to be drilled in Wonsits Valley and it is in the Green River participating area.**

WELL 2 COMMENTS:

WELL 3 COMMENTS:

WELL 4 COMMENTS:

WELL 5 COMMENTS:

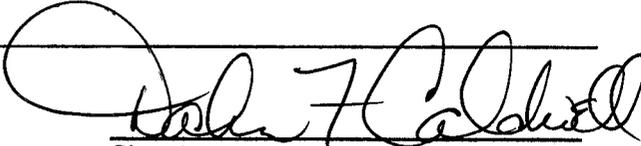
ACTION CODES (See instructions on back of form)

- 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

RECEIVED

DIVISION OF OIL, GAS AND MINING

  
Signature

Clerk Specialist      09/29/02  
Title                      Date

Phone No. **(435) 781-4342**

**CONFIDENTIAL**

007

State of Utah  
Division of Oil, Gas and Mining

CONFIDENTIAL

OPERATOR ACCT. No. N-4235

OPERATOR: **Shenandoah Energy, Inc.**  
ADDRESS: **11002 East 17500 South**  
**Vernal, Utah 84078-8526**

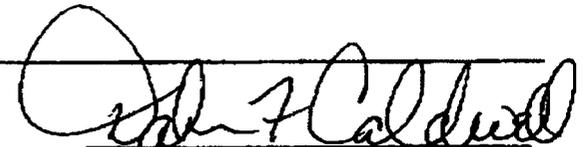
**(435)781-4300**

ENTITY ACTION FORM - FORM 6

Action Code	Current Entity No.	New Entity No.	API Number	Well Name	QQ	SC	TP	RG	County	Spud Date	Effective Date
B	99999	5265	43-047-34596	SU 3G 8 8 22	NE NW	8	8S	22E	Utah	9/29/02/02	9-30-02
WELL 1 COMMENTS: New well to be drilled in Wonsits Valley, <span style="float: right;">GRRV(PA)</span>											
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)

  
Signature

Clerk Specialist      09/29/02  
Title                      Date

Phone No. (435) 781-4342

NOTE: Use COMMENT section to explain why each Action Code was selected

CONFIDENTIAL

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB NO. 1004-0135  
Expires: November 30, 2000

**SUNDRY NOTICES AND REPORTS ON WELLS**  
*Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.*

**SUBMIT IN TRIPLICATE - Other instructions on reverse side.**

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		2. Name of Operator <b>SHENANDOAH ENERGY</b>		Contact: <b>DAHN F. CALDWELL</b> E-Mail: <b>Dahn.Caldwell@questar.com</b>		5. Lease Serial No. <b>U-022158</b>	6. If Indian, Allottee or Tribe Name	7. If Unit or CA/Agreement, Name and/or No.	8. Well Name and No. <b>STIRRUP UNIT 3G 8-8-22</b>	9. API Well No. <b>43-047-34596</b>
3a. Address <b>11002 E. 17500 S. VERNAL, UT 84078</b>		3b. Phone No. (include area code) Ph: <b>435.781.4342</b> Fx: <b>435.781.4357</b>		10. Field and Pool, or Exploratory <b>WONSITS VALLEY</b>		11. County or Parish, and State <b>UINTAH COUNTY, UT</b>		4. Location of Well (Footage, Sec., T., R., M., or Survey Description) <b>Sec 8 T8S R22E NENW 730FNL 2021FWL</b>		

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

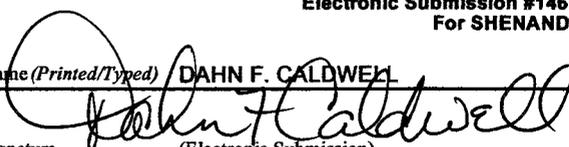
TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other Well Spud
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or 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.)

This well was spud on 9/29/02. Drilled 12 1/4" hole to 492'. Ran 11 joints 9 5/8", J-55, 36# casing to 484'KB.

RECEIVED  
OCT 1 2002  
DIVISION OF  
OIL, GAS AND MINING

14. I hereby certify that the foregoing is true and correct.  
**Electronic Submission #14664 verified by the BLM Well Information System For SHENANDOAH ENERGY, sent to the Vernal**

Name (Printed/Typed) <b>DAHN F. CALDWELL</b>	Title <b>AUTHORIZED REPRESENTATIVE</b>
Signature  (Electronic Submission)	Date <b>09/30/2002</b>

**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.

**\*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\***

**CONFIDENTIAL**

009

Form 3160-5  
(August 1999)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB NO. 1004-0135  
Expires: November 30, 2000

**SUNDRY NOTICES AND REPORTS ON WELLS**  
*Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.*

5. Lease Serial No.  
UTU-022158

6. If Indian, Allottee or Tribe Name

**SUBMIT IN TRIPLICATE - Other instructions on reverse side.**

7. If Unit or CA/Agreement, Name and/or No.  
UTU630430

1. Type of Well  
 Oil Well  Gas Well  Other

CONFIDENTIAL

8. Well Name and No.  
STIRRUP UNIT 3G-8-8-22

2. Name of Operator  
SHENANDOAH ENERGY INC.

Contact: RALEEN SEARLE  
E-Mail: rsearle@shenandoahenergy.com

9. API Well No.  
43-047-34596

3a. Address  
11002 EAST 17500 SOUTH  
VERNAL, UT 84078

3b. Phone No. (include area code)  
Ph: 435.781.4309  
Fx: 435.781.4329

10. Field and Pool, or Exploratory  
WONSITS VALLEY

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
Sec 8 T8S R22E NENW 730FNL 2021FWL

11. County or Parish, and State  
UINTAH COUNTY, UT

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or 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.)

Shenandoah Energy Inc. proposes to change the name on the Stirrup Unit 3G-8-8-22 to Wonsits Valley 3G-8-8-22.

RECEIVED  
OCT 31 2002  
DIVISION OF  
OIL, GAS AND MINING

14. I hereby certify that the foregoing is true and correct.  
**Electronic Submission #15578 verified by the BLM Well Information System  
 For SHENANDOAH ENERGY INC., sent to the Vernal**

Name (Printed/Typed) RALEEN SEARLE Title REGULATORY AFFAIRS ANALYST

Signature *Raleen Searle* Date 10/29/2002

**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.

**\*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\***

6/10/05

**OPERATOR CHANGE WORKSHEET**

**ROUTING**

1. GLH
2. CDW
3. FILE

011

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:		<b>2/1/2003</b>
<b>FROM: (Old Operator):</b>	<b>TO: ( New Operator):</b>	
N4235-Shenandoah Energy Inc 11002 E 17500 S Vernal, UT 84078-8526 Phone: (435) 781-4341	N2460-QEP Uinta Basin Inc 11002 E 17500 S Vernal, UT 84078-8526 Phone: (435) 781-4341	
<b>CA No.</b>	<b>Unit:</b>	<b>WONSITS VALLEY UNIT</b>

**WELL(S)**

NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS	Confid
WV EXT 2W-17-8-21	17	080S	210E	4304734928	12436	Federal	GW	DRL	C
WV 8W-22-8-21	22	080S	210E	4304734564	12436	Federal	GW	P	C
WV 8W-7-8-22	07	080S	220E	4304734469	12436	Federal	GW	DRL	C
WONSITS VALLEY 1G-7-8-22	07	080S	220E	4304734597		Federal	OW	APD	C
WV 15G-7-8-22	07	080S	220E	4304734626		Federal	OW	APD	C
WV 11G-7-8-22	07	080S	220E	4304734627		Federal	OW	APD	C
WONSITS VALLEY 7G-7-8-22	07	080S	220E	4304734628		Federal	OW	APD	C
WONSITS VALLEY 9G-7-8-22	07	080S	220E	4304734629		Federal	OW	APD	C
WV 4W-8-8-22	08	080S	220E	4304734457		Federal	GW	APD	C
WV 1W-8-8-22	08	080S	220E	4304734467		Federal	GW	APD	C
WV 2W-8-8-22	08	080S	220E	4304734468	12436	Federal	GW	P	C
WV 3G-8-8-22	08	080S	220E	4304734596	5265	Federal	OW	TA	C
WONSITS VALLEY 5G-8-8-22	08	080S	220E	4304734612		Federal	OW	APD	C
WONSITS VALLEY 7G-8-8-22	08	080S	220E	4304734613		Federal	OW	APD	C
WV 11G-8-8-22	08	080S	220E	4304734614		Federal	OW	APD	C
WV 13G-8-8-22	08	080S	220E	4304734615		Federal	OW	APD	C
WV 3WD-18-8-22	18	080S	220E	4304734429		Federal	GW	APD	C

**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

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

OPERATOR CHANGE WORKSHEET

1. GLH
2. CDW
3. FILE

011

Change of Operator (Well Sold)

Designation of Agent/Operator

X Operator Name Change

Merger

The operator of the well(s) listed below has changed, effective: **2/1/2003**

<b>FROM:</b> (Old Operator): N4235-Shenandoah Energy Inc 11002 E 17500 S Vernal, UT 84078-8526 Phone: (435) 781-4341	<b>TO:</b> ( New Operator): N2460-QEP Uinta Basin Inc 11002 E 17500 S Vernal, UT 84078-8526 Phone: (435) 781-4341
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CA No. Unit: WONSITS VALLEY UNIT

WELL(S)

NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS	Confid
WV EXT 2W-17-8-21	17	080S	210E	4304734928	12436	Federal	GW	DRL	C
WV 8W-22-8-21	22	080S	210E	4304734564	12436	Federal	GW	P	C
WV 8W-7-8-22	07	080S	220E	4304734469	12436	Federal	GW	DRL	C
WONSITS VALLEY 1G-7-8-22	07	080S	220E	4304734597		Federal	OW	APD	C
WV 15G-7-8-22	07	080S	220E	4304734626		Federal	OW	APD	C
WV 11G-7-8-22	07	080S	220E	4304734627		Federal	OW	APD	C
WONSITS VALLEY 7G-7-8-22	07	080S	220E	4304734628		Federal	OW	APD	C
WONSITS VALLEY 9G-7-8-22	07	080S	220E	4304734629		Federal	OW	APD	C
WV 4W-8-8-22	08	080S	220E	4304734457		Federal	GW	APD	C
WV 1W-8-8-22	08	080S	220E	4304734467		Federal	GW	APD	C
WV 2W-8-8-22	08	080S	220E	4304734468	12436	Federal	GW	P	C
WV 3G-8-8-22	08	080S	220E	4304734596	5265	Federal	OW	TA	C
WONSITS VALLEY 5G-8-8-22	08	080S	220E	4304734612		Federal	OW	APD	C
WONSITS VALLEY 7G-8-8-22	08	080S	220E	4304734613		Federal	OW	APD	C
WV 11G-8-8-22	08	080S	220E	4304734614		Federal	OW	APD	C
WV 13G-8-8-22	08	080S	220E	4304734615		Federal	OW	APD	C
WV 3WD-18-8-22	18	080S	220E	4304734429		Federal	GW	APD	C

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

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

6. (R649-9-2)Waste Management Plan has been received on:

IN PLACE

7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: 7/21/2003

8. **Federal and Indian Units:**

The BLM or BIA has approved the successor of unit operator for wells listed on: 7/21/2003

9. **Federal and Indian Communization Agreements ("CA"):**

The BLM or BIA has approved the operator for all wells listed within a CA on: n/a

10. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: n/a

**DATA ENTRY:**

- 1. Changes entered in the **Oil and Gas Database** on: 9/16/2003
- 2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 9/16/2003
- 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:**

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UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB NO. 1004-0135  
Expires: November 30, 2000

**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.*

012

**SUBMIT IN TRIPLICATE - Other instructions on reverse side.**

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		8. Well Name and No. WV 3G 8 8 22
2. Name of Operator <u>SHEARWATER Energy Inc.</u> Contact: <u>DAHN F. CALDWELL</u> <u>QEP UINTA BASIN DIVISION</u> E-Mail: <u>dahn.caldwell@questar.com</u>		9. API Well No. 43-047-34596
3a. Address 11002 E. 17500 S. VERNAL, UT 84078	3b. Phone No. (include area code) Ph: 435.781.4342 Fx: 435.781.4357	10. Field and Pool, or Exploratory WONSITS VALLEY
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 8 T8S R22E NENW 730FNL 2021FWL		11. County or Parish, and State UINTAH COUNTY, UT

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input checked="" type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

We request a T&A status of this well pending possible secondary recovery in this area.

Well is SI due to uneconomical status.

**CONFIDENTIAL - TIGHT HOLE**

Do not release well information without permission from "QEP Uinta Basin Division".

The well has been productive or nonproductive for 9 years 6 months. In accordance with R649-3-36, the well may remain shut-in or temporarily abandoned until December 1, 2003, at which time the operator shall file a Summary Notice providing the information specified in Appendix A.

ACCEPTED BY: [Signature] June 23, 2003  
Class Division of Oil, Gas and Mining

COPY SENT TO OPERATOR  
Date: 6-25-03  
Initials: CHD

14. I hereby certify that the foregoing is true and correct.  
**Electronic Submission #21653 verified by the BLM Well Information System  
For QEP UINTA BASIN DIVISION, sent to the Vernal**

Name (Printed/Typed) <u>JIM SIMONTON</u>	Title <u>COMPLETION MANAGER</u>
Signature (Electronic Submission) <u>[Signature]</u>	Date <u>05/09/2003</u>

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

RECEIVED  
MAY 13 2003  
DIV. OF OIL, GAS & MINING

Approved By _____	Title _____
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.

**\*\* ORIGINAL \*\* ORIGINAL \*\***

**CONFIDENTIAL**

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB NO. 1004-0135  
Expires: November 30, 2000

**SUNDRY NOTICES AND REPORTS ON WELLS**  
Do not use this form for proposals to drill or to re-enter an  
abandoned well. Use form 3160-3 (APD) for such proposals.

5. Lease Serial No.  
UTU-022158

6. If Indian, Allottee or Tribe Name

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

**SUBMIT IN TRIPLICATE - Other instructions on reverse side.**

1. Type of Well  
 Oil Well  Gas Well  Other

2. Name of Operator STRENGTH ENERGY INC. Contact: DAHN F. CALDWELL  
QEP UINTA BASIN DIVISION E-Mail: dahn.caldwell@questar.com

3a. Address  
11002 E. 17500 S.  
VERNAL, UT 84078

3b. Phone No. (include area code)  
Ph: 435.781.4342  
Fx: 435.781.4357

8. Well Name and No.  
WV 3G 8 8 22

9. API Well No.  
43-047-34596

10. Field and Pool, or Exploratory  
WONSITS VALLEY

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
Sec 8 T8S R22E NENW 730FNL 2021FWL

11. County or Parish, and State  
UINTAH COUNTY, UT

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input checked="" type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or 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.)

We request a T&A status of this well pending possible secondary recovery in this area.

Well is SI due to uneconomical status.

**CONFIDENTIAL - TIGHT HOLE**

Do not release well information without permission from "QEP Uinta Basin Division".

*Dahn Caldwell*  
Date: Aug 21 2003

COPY SENT TO OPERATOR  
Date: 6-25-03  
Initials: CHD

14. I hereby certify that the foregoing is true and correct.  
**Electronic Submission #21653 verified by the BLM Well Information System  
For QEP UINTA BASIN DIVISION, sent to the Vernal**

Name (Printed/Typed) JIM SIMONTON Title COMPLETION MANAGER

Signature *Jim Simonton* (Electronic Submission) Date 05/09/2003

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved By \_\_\_\_\_ Title \_\_\_\_\_

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 \_\_\_\_\_

RECEIVED  
MAY 13 2003  
DIV. OF OIL, GAS & MIN.

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.

**\*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\***

**CONFIDENTIAL**

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0137  
Expires: November 30, 2000

010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well  Oil Well  Gas Well  Dry  Other  
 b. Type of Completion  New Well  Work Over  Deepen  Plug Back  Diff. Resvr.  
 Other \_\_\_\_\_

5. Lease Serial No.  
UTU-022158

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

2. Name of Operator *SHEWAN DAHN* Contact: DAHN F. CALDWELL  
*-QEP UINTA-BASIN DIVISION ENERGY INC* E-Mail: Dahn.Caldwell@questar.com

8. Lease Name and Well No.  
WV 3G 8-8-22

3. Address 11002 E. 17500 S.  
VERNAL, UT 84078

3a. Phone No. (include area code)  
Ph: 435.781.4342

9. API Well No.  
43-047-34596

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*  
 At surface NENW 730FNL 2021FWL  
 At top prod interval reported below NENW 730FNL 2021FWL  
 At total depth NENW 730FNL 2021FWL

CONFIDENTIAL

10. Field and Pool, or Exploratory  
WONSITS VALLEY

11. Sec., T., R., M., or Block and Survey  
or Area Sec 8 T8S R22E Mer SLB

12. County or Parish  
UINTAH

13. State  
UT

14. Date Spudded  
09/29/2002

15. Date T.D. Reached  
11/02/2002

16. Date Completed  
 D & A  Ready to Prod.  
11/25/2002

17. Elevations (DF, KB, RT, GL)\*  
5126 GL

18. Total Depth: MD 5900  
TVD

19. Plug Back T.D.: MD 5825  
TVD

20. Depth Bridge Plug Set: MD  
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)  
 CBL SPECTRAL DENSITY DSN, PUMP IN TRACER SURVEY *HARZ-11-6-02*  
*12-4-02 11-6-02*

22. Was well cored?  No  Yes (Submit analysis)  
 Was DST run?  No  Yes (Submit analysis)  
 Directional Survey?  No  Yes (Submit analysis)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12.250	9.625 K-55	36.0		486		175	118		
7.875	5.500 J-55	15.5		5898		700	474		
			0						
			0						
			0						

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2.875	5658							

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) GREEN RIVER	3150	5900	5709 TO 5718			
B)						
C)						
D)						

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material

CONFIDENTIAL  
PERIOD  
EXPIRED  
ON 12-15-03

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
11/25/2002	11/25/2002	24	▶	0.0	0.0	0.0			OTHER

Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status
		0.0	▶					IA SI per DKA

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			▶						

Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status
			▶					

RECEIVED

MAY 13 2003

DIV. OF OIL, GAS & MINING

(See Instructions and spaces for additional data on reverse side)

ELECTRONIC SUBMISSION #21650 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

\*\* ORIGINAL \*\*

CONFIDENTIAL

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	

29. Disposition of Gas(Sold, used for fuel, vented, etc.)  
OTHER

30. 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.

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
				GREEN RIVER MAHOGONY G1 LIME TD	3150 3970 5714 5900

32. Additional remarks (include plugging procedure):

"Confidential. Do not release well information without permission from QEP Uinta Basin Division".

Cement w/ 520 sxs HiFill Mod and 180 sxs 50/50 Pozmix tail.

This well never produced. As it appeared non-commercial. SI waiting on evaluation.

33. Circle enclosed attachments:

- 1. Electrical/Mechanical Logs (1 full set req'd.)
- 2. Geologic Report
- 3. DST Report
- 4. Directional Survey
- 5. Sundry Notice for plugging and cement verification
- 6. Core Analysis
- 7 Other:

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions):

Electronic Submission #21650 Verified by the BLM Well Information System.  
For QEP UINTA BASIN DIVISION, sent to the Vernal

Name (please print) JIM SIMONTON

Title COMPLETION MANAGER

Signature

*Jim Simonton (ffc)*  
(Electronic Submission)

Date 05/09/2003

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.

\*\* ORIGINAL \*\*

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,

A handwritten signature in black ink, appearing to read "Frank Nielsen".

Frank Nielsen  
Division Landman

Enclosure

RECEIVED

JUN 02 2003

DIV. OF OIL, GAS & MINING



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Utah State Office  
P.O. Box 45155  
Salt Lake City, UT 84145-0155

IN REPLY REFER TO  
UT-922

June 9, 2003

QEP Uinta Basin, Inc.  
1050 17<sup>th</sup> Street, Suite 500  
Denver, Colorado 80265

Re: Wonsits Valley Unit  
Uintah County, Utah

Gentlemen:

On May 30, 2003, we received an indenture dated February 1, 2003, whereby Shenandoah Energy, Inc. changed its name and QEP Uinta Basin, Inc. was designated as Successor Unit Operator for the Wonsits Valley 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 Wonsits Valley Unit Agreement.

Your nationwide (Eastern States) oil and gas bond No. B000024 will be used to cover all operations within the Wonsits Valley 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 – Wonsits Valley Unit (w/enclosure)  
Agr. Sec. Chron  
Fluid Chron

UT922:TAThompson:tt:6/9/03

SEI (N4235) to QEP (N2460) WONSITS VALLEY UNIT

well_name	Sec	T	R	api	Entity	Lease Type	type	stat		unit_name	field	county	type	lease #	bond #
WVU 16	15	080S	210E	4304715447	5265	Federal	WI	A		WONSITS VALLEY	710 S	UINTAH	1	U-0807	UT-0969
WVU 21	16	080S	210E	4304715452	99990	State	WI	A		WONSITS VALLEY	710 S	UINTAH	3	ML-2237	159261960
WVU 31	14	080S	210E	4304715460	5265	Federal	WI	A		WONSITS VALLEY	710 S	UINTAH	1	U-0807	UT-0969
WVU 35	14	080S	210E	4304715463	5265	Federal	WI	A		WONSITS VALLEY	710 S	UINTAH	1	U-0807	UT-0969
WVU 36	10	080S	210E	4304715464	5265	Federal	WI	A		WONSITS VALLEY	710 S	UINTAH	1	U-0806	UT-0969
WVU 41	15	080S	210E	4304715469	5265	Federal	WI	A		WONSITS VALLEY	710 S	UINTAH	1	U-0807	UT-0969
WVU 43	11	080S	210E	4304715471	5265	Federal	OW	P		WONSITS VALLEY	710 S	UINTAH	1	U-0806	UT-0969
WVU 48	10	080S	210E	4304715476	5265	Federal	OW	P		WONSITS VALLEY	710 S	UINTAH	1	U-0806	UT-0969
WVU 50	15	080S	210E	4304715477	5265	Federal	WI	A		WONSITS VALLEY	710 S	UINTAH	1	U-0807	UT-0969
WVU 32	16	080S	210E	4304716513	5265	State	OW	P		WONSITS VALLEY	710 S	UINTAH	3	ML-2237	159261960
WVU 53	10	080S	210E	4304720003	5265	Federal	OW	P		WONSITS VALLEY	710 S	UINTAH	1	U-0806	UT-0969
WVU 55	14	080S	210E	4304720005	5265	Federal	OW	P		WONSITS VALLEY	710 S	UINTAH	1	U-0807	UT-0969
WVU 59	14	080S	210E	4304720018	5265	Federal	WI	A		WONSITS VALLEY	710 S	UINTAH	1	U-0807	UT-0969
WVU 60	15	080S	210E	4304720019	5265	Federal	WI	A		WONSITS VALLEY	710 S	UINTAH	1	U-0807	UT-0969
WVU 62	10	080S	210E	4304720024	5265	Federal	OW	P		WONSITS VALLEY	710 S	UINTAH	1	U-0806	UT-0969
WVU 65	15	080S	210E	4304720041	5265	Federal	OW	P		WONSITS VALLEY	710 S	UINTAH	1	U-0807	UT-0969
WVU 67	15	080S	210E	4304720043	5265	Federal	WI	A		WONSITS VALLEY	710 S	UINTAH	1	U-0807	UT-0969
WVU 68	15	080S	210E	4304720047	5265	Federal	WI	A		WONSITS VALLEY	710 S	UINTAH	1	U-0807	UT-0969
WVU 72	16	080S	210E	4304720058	99990	State	WI	A		WONSITS VALLEY	710 S	UINTAH	3	ML-2237A	159261960
WVU 73	16	080S	210E	4304720066	5265	State	WI	A		WONSITS VALLEY	710 S	UINTAH	3	ML-2237	159261960
WVU 74	16	080S	210E	4304720078	5265	State	OW	P		WONSITS VALLEY	710 S	UINTAH	3	ML-2237	159261960
WVU 75	16	080S	210E	4304720085	5265	State	OW	P		WONSITS VALLEY	710 S	UINTAH	3	ML-2237	159261960
WVU 78	16	080S	210E	4304720115	99990	State	WI	A		WONSITS VALLEY	710 S	UINTAH	3	ML-2237	159261960
WVU 83	23	080S	210E	4304720205	12436	Federal	GW	P		WONSITS VALLEY	710 S	UINTAH	1	U-0809	UT-0969
WVU 97	11	080S	210E	4304730014	5265	Federal	WI	A		WONSITS VALLEY	710 S	UINTAH	1	U-0806	UT-0969
WVU 103	14	080S	210E	4304730021	5265	Federal	OW	P		WONSITS VALLEY	710 S	UINTAH	1	U-0807	UT-0969
WVU 104	15	080S	210E	4304730022	5265	Federal	OW	P		WONSITS VALLEY	710 S	UINTAH	1	U-0807	UT-0969
WVU 105	10	080S	210E	4304730023	5265	Federal	OW	P		WONSITS VALLEY	710 S	UINTAH	1	U-0806	UT-0969
WVU 109	15	080S	210E	4304730045	5265	Federal	OW	P		WONSITS VALLEY	710 S	UINTAH	1	U-0807	UT-0969
WVU 110	14	080S	210E	4304730046	5265	Federal	OW	P		WONSITS VALLEY	710 S	UINTAH	1	U-0807	UT-0969
WVU 112	15	080S	210E	4304730048	5265	Federal	OW	P		WONSITS VALLEY	710 S	UINTAH	1	U-0807	UT-0969
WVU 124	15	080S	210E	4304730745	5265	Federal	OW	P		WONSITS VALLEY	710 S	UINTAH	1	U-0806	
WVU 126	21	080S	210E	4304730796	5265	Federal	WI	A		WONSITS VALLEY	710 S	UINTAH	1	U-0804	UT-0969
WVU 128	10	080S	210E	4304730798	5265	Federal	OW	P		WONSITS VALLEY	710 S	UINTAH	1	U-0806	UT-0969
WVU 132	15	080S	210E	4304730822	5265	Federal	OW	P		WONSITS VALLEY	710 S	UINTAH	1	U-0807	UT-0969
WVU 136	21	080S	210E	4304731047	5265	Federal	OW	P		WONSITS VALLEY	710 S	UINTAH	1	U-0804	UT-0969
WVU 134	16	080S	210E	4304731118	5265	State	OW	P		WONSITS VALLEY	710 S	UINTAH	3	ML-2237	159261960
WVU 137	11	080S	210E	4304731523	5265	Federal	OW	P		WONSITS VALLEY	710 S	UINTAH	1	U-0806	UT-0969
WVU 28-2	11	080S	210E	4304731524	99990	Federal	WI	A		WONSITS VALLEY	710 S	UINTAH	1	U-0806	UT-0969
WVU 141	16	080S	210E	4304731609	5265	State	OW	P		WONSITS VALLEY	710 S	UINTAH	3	ML-2237	159261960
WVU 127	16	080S	210E	4304731611	5265	State	OW	P		WONSITS VALLEY	710 S	UINTAH	3	ML-2237	159261960
WVU 142	16	080S	210E	4304731612	5265	State	OW	P		WONSITS VALLEY	710 S	UINTAH	3	ML-2237	159261960
WVU 133	15	080S	210E	4304731706	5265	Federal	OW	P		WONSITS VALLEY	710 S	UINTAH	1	U-0807	UT-0969
WVU 140	15	080S	210E	4304731707	5265	Federal	WI	A		WONSITS VALLEY	710 S	UINTAH	1	U-0807	UT-0969
WVU 40-2	10	080S	210E	4304731798	5265	Federal	WI	A		WONSITS VALLEY	710 S	UINTAH	1	U-0806	UT-0969

SEI (N4235) to QEP (N2460) WONSITS VALLEY UNIT

well_name	Sec	T	R	api	Entity	Lease Type	type	stat	unit_name	field	county	type	lease #	bond #
WVU 144	10	080S	210E	4304731807	5265	Federal	OW	P	WONSITS VALLEY	710	S	UINTAH	1 U-0806	UT-0969
WVU 143	10	080S	210E	4304731808	5265	Federal	WI	A	WONSITS VALLEY	710	S	UINTAH	1 U-0806	UT-0969
WVU 145	18	080S	220E	4304731820	12436	Federal	GW	P	WONSITS VALLEY	710	S	UINTAH	1 U-057	UT-0969
WVU 121	14	080S	210E	4304731873	5265	Federal	OW	S	WONSITS VALLEY	710	S	UINTAH	1 U-0807	UT-0969
WVU 135-2	21	080S	210E	4304732016	5265	Federal	OW	P	WONSITS VALLEY	710	S	UINTAH	1 U-0804	UT-0969
WVU 130	22	080S	210E	4304732307	5265	Federal	OW	P	WONSITS VALLEY	710	S	UINTAH	1 U-0804	UT-0969
WVU 71-2	15	080S	210E	4304732449	5265	Federal	WI	A	WONSITS VALLEY	710	S	UINTAH	1 U-0807	UT-0969
WVU 119	21	080S	210E	4304732461	5265	Federal	OW	P	WONSITS VALLEY	710	S	UINTAH	1 U-0804	UT-0969
WVU 120	22	080S	210E	4304732462	5265	Federal	WI	A	WONSITS VALLEY	710	S	UINTAH	1 U-0804	UT-0969
WVU 54 WG	07	080S	220E	4304732821	12436	Federal	GW	P	WONSITS VALLEY	710	S	UINTAH	1 U-22158	UT-0969
WVU 69 WG	18	080S	220E	4304732829	12436	Federal	GW	P	WONSITS VALLEY	710	S	UINTAH	1 U-057	UT-0969
WVU 38 WG	08	080S	220E	4304732831	12436	Federal	GW	P	WONSITS VALLEY	710	S	UINTAH	1 U-022158	UT-0969
WVU 49 WG	08	080S	220E	4304732832	12436	Federal	GW	P	WONSITS VALLEY	710	S	UINTAH	1 U-022158	UT-0969
WVU 138 WG	18	080S	220E	4304733054	12436	Federal	GW	P	WONSITS VALLEY	710	S	UINTAH	1 U-057	UT-0969
WVU 14 WG	12	080S	210E	4304733070	12436	Federal	GW	P	WONSITS VALLEY	710	S	UINTAH	1 U-806	UT-0969
WVU 11 WG	12	080S	210E	4304733085	12436	Federal	GW	P	WONSITS VALLEY	710	S	UINTAH	1 U-0806	UT-0969
WVU 81 WG	24	080S	210E	4304733086	12436	Federal	GW	P	WONSITS VALLEY	710	S	UINTAH	1 U-0810	UT-0969
WVU 146 WG	19	080S	220E	4304733128	12436	Federal	GW	P	WONSITS VALLEY	630	S	UINTAH	1 U-057	UT-0969
WVU 1W-14-8-21	14	080S	210E	4304733220	12436	Federal	GW	P	WONSITS VALLEY	710	S	UINTAH	1 U-0807	UT-0969
WVU 5W-13-8-21	13	080S	210E	4304733221	12436	Federal	GW	P	WONSITS VALLEY	710	S	UINTAH	1 U-0806	UT-0969
WVU 9W-13-8-21	13	080S	210E	4304733223	12436	State	GW	P	WONSITS VALLEY	710	S	UINTAH	3 ML-3084A	159261960
WVU 46 WG	07	080S	220E	4304733241	12436	Federal	GW	P	WONSITS VALLEY	710	S	UINTAH	1 U-022158	UT-0969
WVU 2W-16-8-21	16	080S	210E	4304733246	12436	State	GW	P	WONSITS VALLEY	710	S	UINTAH	3 ML-2237	159261960
WVU 2G-16-8-21	16	080S	210E	4304733247	5265	State	OW	P	WONSITS VALLEY	710	S	UINTAH	3 ML-2237	159261960
WVU 9W-14-8-21	14	080S	210E	4304733269	12436	Federal	GW	P	WONSITS VALLEY	710	S	UINTAH	1 U-0807	UT-0969
WVU 7W-13-8-21	13	080S	210E	4304733270	12436	Federal	GW	P	WONSITS VALLEY	710	S	UINTAH	1 U-0806	UT-0969
WVU 1W-18-8-22	18	080S	220E	4304733294	12436	Federal	GW	P	WONSITS VALLEY	710	S	UINTAH	1 U-057	UT-0969
WVU 11W-8-8-22	08	080S	220E	4304733295	12436	Federal	GW	P	WONSITS VALLEY	710	S	UINTAH	1 U-022158	UT-0969
WVU 3W-8-8-22	08	080S	220E	4304733493	12436	Federal	GW	P	WONSITS VALLEY	710	S	UINTAH	1 U-022158	UT-0969
WVU 5W-7-8-22	07	080S	220E	4304733494	12436	Federal	GW	P	WONSITS VALLEY	710	S	UINTAH	1 U-022158	UT-0969
WVU 11W-7-8-22	07	080S	220E	4304733495	12436	Federal	GW	P	WONSITS VALLEY	710	S	UINTAH	1 U-022158	UT-0969
WVU 13W-7-8-22	07	080S	220E	4304733496	12436	Federal	GW	P	WONSITS VALLEY	710	S	UINTAH	1 U-022158	UT-0969
WVU 1W-7-8-22	07	080S	220E	4304733501	12436	Federal	GW	P	WONSITS VALLEY	710	S	UINTAH	1 U-022158	UT-0969
WVU 3W-7-8-22	07	080S	220E	4304733502	12436	Federal	GW	P	WONSITS VALLEY	710	S	UINTAH	1 U-022158	UT-0969
WV 7WRG-7-8-22	07	080S	220E	4304733503	5265	Federal	OW	P	WONSITS VALLEY	710	S	UINTAH	1 UTU-02215	UT-0969
WVU 6W-16-8-21	16	080S	210E	4304733527	12436	State	GW	P	WONSITS VALLEY	710	S	UINTAH	3 ML-2237	159261960
WVU 16W-9-8-21	09	080S	210E	4304733529	12436	Federal	GW	P	WONSITS VALLEY	710	S	UINTAH	1 U-0805	UT-0969
WVU 1W-12-8-21	12	080S	210E	4304733531	12436	Federal	GW	P	WONSITS VALLEY	710	S	UINTAH	1 U-0806	UT-0969
WVU 1W-13-8-21	13	080S	210E	4304733532	12436	Federal	GW	P	WONSITS VALLEY	710	S	UINTAH	1 U-0806	UT-0969
WVU 3W-18-8-22	18	080S	220E	4304733533	12436	Federal	GW	P	WONSITS VALLEY	710	S	UINTAH	1 U-057	UT-0969
WVU 9W-12-8-21	12	080S	210E	4304733534	12436	Federal	GW	P	WONSITS VALLEY	710	S	UINTAH	1 U-0806	UT-0969
WVU 11W-12-8-21	12	080S	210E	4304733535	12436	Federal	GW	P	WONSITS VALLEY	710	S	UINTAH	1 U-0806	UT-0969
WVU 11W-13-8-21	13	080S	210E	4304733536	12436	Federal	GW	P	WONSITS VALLEY	710	S	UINTAH	1 U-0806	UT-0969
WVU 13W-12-8-21	12	080S	210E	4304733537	12436	Federal	GW	P	WONSITS VALLEY	710	S	UINTAH	1 U-0806	UT-0969
WVU 13W-18-8-22	18	080S	220E	4304733538	12436	Federal	GW	P	WONSITS VALLEY	710	S	UINTAH	1 U-057	UT-0969

SEI (N4235) to QEP (N2460) WONSITS VALLEY UNIT

well_name	Sec	T	R	api	Entity	Lease Type	type	stat	unit_name	field	county	type	lease #	bond #
WVFU 6G-16-8-21	16	080S	210E	4304733564	5265	State	OW	P	WONSITS VALLEY	710	S	UINTAH	3 ML-2237	159261960
WVFU 16G-9-8-21	09	080S	210E	4304733565	5265	Federal	OW	P	WONSITS VALLEY	710	S	UINTAH	1 U-0805	UT-0969
WVFU 1W-21-8-21	21	080S	210E	4304733602	12436	Federal	GW	P	WONSITS VALLEY	710	S	UINTAH	1 UTU-68217	UT-0969
WVFU 3W-13-8-21	13	080S	210E	4304733603	12436	Federal	GW	P	WONSITS VALLEY	710	S	UINTAH	1 U-0806	UT-0969
WVFU 3W-22-8-21	22	080S	210E	4304733604	12436	Federal	GW	P	WONSITS VALLEY	710	S	UINTAH	1 U-0804	UT-0969
WVFU 3W-24-8-21	24	080S	210E	4304733605	12436	Federal	GW	P	WONSITS VALLEY	710	S	UINTAH	1 U-0810	UT-0969
WVFU 13W-13-8-21	13	080S	210E	4304733606	12436	Federal	GW	P	WONSITS VALLEY	710	S	UINTAH	1 U-0806	UT-0969
WVFU 13W-14-8-21	14	080S	210E	4304733607	12436	Federal	GW	P	WONSITS VALLEY	710	S	UINTAH	1 U-0807	UT-0969
WVFU 15W-13-8-21	13	080S	210E	4304733608	12436	Federal	GW	P	WONSITS VALLEY	710	S	UINTAH	1 U-0806	UT-0969
WVFU 1W-24-8-21	24	080S	210E	4304733613	12436	Federal	GW	P	WONSITS VALLEY	710	S	UINTAH	1 U-0810	UT-0969
WVFU 11W-18-8-22	18	080S	220E	4304733626	12436	Federal	GW	P	WONSITS VALLEY	710	S	UINTAH	1 U-057	UT-0969
WVFU 16W-2-8-21	02	080S	210E	4304733645	5265	State	OW	P	WONSITS VALLEY	710	S	UINTAH	3 ML-2785	159261960
WVFU 9W-2-8-21	02	080S	210E	4304733648	12436	State	GW	P	WONSITS VALLEY	2	S	UINTAH	3 ML-2785	159261960
WVFU 12W-16-8-21	16	080S	210E	4304733649	12436	State	GW	P	WONSITS VALLEY	710	S	UINTAH	3 ML-2237	159261960
WVFU 12G-16-8-21	16	080S	210E	4304733650	5265	State	OW	P	WONSITS VALLEY	710	S	UINTAH	3 ML-2237	159261960
WVFU 2W-10-8-21	10	080S	210E	4304733655	12436	Federal	GW	P	WONSITS VALLEY	710	S	UINTAH	1 U-0806	UT-0969
WVFU 4W-11-8-21	11	080S	210E	4304733657	12436	Federal	GW	P	WONSITS VALLEY	710	S	UINTAH	1 U-0806	UT-0969
WVFU 12W-10-8-21	10	080S	210E	4304733659	12436	Federal	GW	P	WONSITS VALLEY	710	S	UINTAH	1 U-0806	UT-0969
WVFU 12G-10-8-21	10	080S	210E	4304733660	5265	Federal	OW	P	WONSITS VALLEY	710	S	UINTAH	1 U-0806	UT-0969
WVFU 15W-9-8-21	09	080S	210E	4304733661	12436	Federal	GW	P	WONSITS VALLEY	710	S	UINTAH	1 U-0805	UT-0969
WVFU 15G-9-8-21	09	080S	210E	4304733662	5265	Federal	OW	P	WONSITS VALLEY	710	S	UINTAH	1 U-0805	UT-0969
WVFU 2W-13-8-21	13	080S	210E	4304733791	12436	Federal	GW	P	WONSITS VALLEY	710	S	UINTAH	1 U-0806	UT-0969
WVFU 6W-13-8-21	13	080S	210E	4304733792	12436	Federal	GW	P	WONSITS VALLEY	710	S	UINTAH	1 U-0806	UT-0969
WVFU 8W-13-8-21	13	080S	210E	4304733793	12436	Federal	GW	P	WONSITS VALLEY	710	S	UINTAH	1 U-0806	UT-0969
WVFU 10W-1-8-21	01	080S	210E	4304733794	12436	Federal	GW	S	WONSITS VALLEY	710	S	UINTAH	1 U-0802	UT-0969
WVFU 10W-13-8-21	13	080S	210E	4304733795	12436	Federal	GW	P	WONSITS VALLEY	710	S	UINTAH	1 U-0806	UT-0969
WVFU 16W-13-8-21	13	080S	210E	4304733796	12436	State	GW	P	WONSITS VALLEY	710	S	UINTAH	3 ML-3084	159261960
WVFU 12W-7-8-22	07	080S	220E	4304733808	12436	Federal	GW	P	WONSITS VALLEY	710	S	UINTAH	1 U-022158	UT-0969
WVFU 6W-8-8-22	08	080S	220E	4304733811	12436	Federal	GW	P	WONSITS VALLEY	710	S	UINTAH	1 U-022158	UT-0969
WVFU 7W-8-8-22	08	080S	220E	4304733812	12436	Federal	GW	P	WONSITS VALLEY	710	S	UINTAH	1 U-022158	UT-0969
WVFU 10W-7-8-22	07	080S	220E	4304733813	12436	Federal	GW	P	WONSITS VALLEY	710	S	UINTAH	1 U-022158	UT-0969
WVFU 10W-8-8-22	08	080S	220E	4304733814	13450	Federal	GW	P	WONSITS VALLEY	710	S	UINTAH	1 U-022158	UT-0969
WVFU 12W-8-8-22	08	080S	220E	4304733815	12436	Federal	GW	P	WONSITS VALLEY	710	S	UINTAH	1 U-022158	UT-0969
WVFU 14W-7-8-22	07	080S	220E	4304733816	12436	Federal	GW	P	WONSITS VALLEY	710	S	UINTAH	1 U-022158	UT-0969
WVFU 16W-7-8-22	07	080S	220E	4304733817	12436	Federal	GW	P	WONSITS VALLEY	710	S	UINTAH	1 U-022158	UT-0969
WVFU 6W-7-8-22	07	080S	220E	4304733828	12436	Federal	GW	P	WONSITS VALLEY	710	S	UINTAH	1 U-022158	UT-0969
WVFU 6W-18-8-22	18	080S	220E	4304733842	12436	Federal	GW	P	C WONSITS VALLEY	710	S	UINTAH	1 U-057	UT-0969
WVFU 6WC-18-8-22	18	080S	220E	4304733843	12436	Federal	GW	P	WONSITS VALLEY	710	S	UINTAH	1 U-057	UT-0969
WVFU 6WD-18-8-22	18	080S	220E	4304733844	12436	Federal	GW	P	WONSITS VALLEY	710	S	UINTAH	1 U-057	UT-0969
WVFU 5W-23-8-21	23	080S	210E	4304733860	12436	Federal	GW	P	WONSITS VALLEY	710	S	UINTAH	1 U-0809	UT-0969
WVFU 7W-23-8-21	23	080S	210E	4304733861	12436	Federal	GW	P	WONSITS VALLEY	710	S	UINTAH	1 U-0809	UT-0969
WVFU 8W-12-8-21	12	080S	210E	4304733862	12436	Federal	GW	P	WONSITS VALLEY	710	S	UINTAH	1 U-0806	UT-0969
WVFU 10W-12-8-21	12	080S	210E	4304733863	12436	Federal	GW	P	WONSITS VALLEY	710	S	UINTAH	1 U-0806	UT-0969
WVFU 14W-12-8-21	12	080S	210E	4304733864	12436	Federal	GW	P	WONSITS VALLEY	710	S	UINTAH	1 U-0806	UT-0969
WVFU 16W-12-8-21	12	080S	210E	4304733865	12436	Federal	GW	P	WONSITS VALLEY	710	S	UINTAH	1 U-0806	UT-0969

SEI (N4235) to QEP (N2460) WONSITS VALLEY UNIT

well_name	Sec	T	R	api	Entity	Lease Type	type	stat		unit name	field	county	type	lease #	bond #	
WVFU 1W-15-8-21	15	080S	210E	4304733902	12436	Federal	GW	P		WONSITS VALLEY	710	S	UINTAH	1	U-0807	UT-0969
WVFU 1W-22-8-21	22	080S	210E	4304733903	12436	Federal	GW	P		WONSITS VALLEY	710	S	UINTAH	1	UTU-06304	UT-0969
WVFU 1W-23-8-21	23	080S	210E	4304733904	12436	Federal	GW	P		WONSITS VALLEY	710	S	UINTAH	1	U-0809	UT-0969
WVFU 6W-11-8-21	11	080S	210E	4304733906	12436	Federal	GW	P		WONSITS VALLEY	710	S	UINTAH	1	U-0806	UT-0969
WV 7W-22-8-21	22	080S	210E	4304733907	13230	Federal	GW	P		WONSITS VALLEY	710	S	UINTAH	1	U-0804	UT-0969
WVFU 7W-24-8-21	24	080S	210E	4304733908	12436	Federal	GW	P		WONSITS VALLEY	710	S	UINTAH	1	U-0810	UT-0969
WVFU 10W-11-8-21	11	080S	210E	4304733910	12436	Federal	GW	P		WONSITS VALLEY	710	S	UINTAH	1	U-0806	UT-0969
WVFU 11W-15-8-21	15	080S	210E	4304733911	12436	Federal	GW	P		WONSITS VALLEY	710	S	UINTAH	1	U-0807	UT-0969
WVFU 11W-17-8-21	17	080S	210E	4304733912	13228	Federal	GW	P		WONSITS VALLEY	2	S	UINTAH	1	UTU-68219	UT-0969
WVFU 13W-11-8-21	11	080S	210E	4304733913	12436	Federal	GW	P		WONSITS VALLEY	710	S	UINTAH	1	U-0806	UT-0969
WVFU 13W-15-8-21	15	080S	210E	4304733914	12436	Federal	GW	P		WONSITS VALLEY	710	S	UINTAH	1	U-0807	UT-0969
WVFU 15W-10-8-21	10	080S	210E	4304733916	12436	Federal	GW	P		WONSITS VALLEY	710	S	UINTAH	1	U-0806	UT-0969
WVFU 15W-15-8-21	15	080S	210E	4304733917	12436	Federal	GW	P		WONSITS VALLEY	710	S	UINTAH	1	U-0807	UT-0969
WVFU 5W-14-8-21	14	080S	210E	4304733953	12436	Federal	GW	P		WONSITS VALLEY	710	S	UINTAH	1	U-0807	UT-0969
WVFU 7W-14-8-21	14	080S	210E	4304733955	12436	Federal	GW	P		WONSITS VALLEY	710	S	UINTAH	1	U-0807	UT-0969
WVFU 8W-11-8-21	11	080S	210E	4304733957	12436	Federal	GW	P		WONSITS VALLEY	710	S	UINTAH	1	U-0806	UT-0969
WVFU 8W-14-8-21	14	080S	210E	4304733958	12436	Federal	GW	P		WONSITS VALLEY	710	S	UINTAH	1	U-0807	UT-0969
WVFU 9W-15-8-21	15	080S	210E	4304733959	12436	Federal	GW	P		WONSITS VALLEY	710	S	UINTAH	1	U-0807	UT-0969
WVFU 12W-13-8-21	13	080S	210E	4304733961	12436	Federal	GW	P		WONSITS VALLEY	710	S	UINTAH	1	U-0806	UT-0969
WVFU 14W-13-8-21	13	080S	210E	4304733962	12436	Federal	GW	P		WONSITS VALLEY	710	S	UINTAH	1	U-0806	UT-0969
WVFU 15W-14-8-21	14	080S	210E	4304733963	12436	Federal	GW	P		WONSITS VALLEY	710	S	UINTAH	1	UTU-0806	UT-0969
WVFU 2W-18-8-22	18	080S	220E	4304733986	12436	Federal	GW	P		WONSITS VALLEY	710	S	UINTAH	1	U-0807	UT-0969
WV 8W-18-8-22	18	080S	220E	4304733989	12436	Federal	GW	P		WONSITS VALLEY	710	S	UINTAH	1	U-057	UT-0969
WVFU 10W-18-8-22	18	080S	220E	4304733991	12436	Federal	GW	P		WONSITS VALLEY	710	S	UINTAH	1	U-9617	UT-0969
WVFU 12W-18-8-22	18	080S	220E	4304733993	12436	Federal	GW	P		WONSITS VALLEY	710	S	UINTAH	1	U-057	UT-0969
WV 14W-18-8-22	18	080S	220E	4304733995	12436	Federal	GW	P		WONSITS VALLEY	710	S	UINTAH	1	U-057	UT-0969
WVFU 6W-1-8-21	01	080S	210E	4304734008		Federal	GW	APD	C	WONSITS VALLEY	710	S	UINTAH	1	U-0802	UT-0969
WVFU 8W-1-8-21	01	080S	210E	4304734009	12436	Federal	GW	DRL	C	WONSITS VALLEY	710	S	UINTAH	1	U-0802	UT-0969
WV 10G-2-8-21	02	080S	210E	4304734035	5265	State	OW	P		WONSITS VALLEY	2	S	UINTAH	3	ML-2785	159261960
WV 14G-2-8-21	02	080S	210E	4304734036	5265	State	OW	P		WONSITS VALLEY	710	S	UINTAH	3	ML-2785	159261960
WV 4W-17-8-22	17	080S	220E	4304734038	12436	Federal	GW	P		WONSITS VALLEY	710	S	UINTAH	1	U-055	UT-0969
WV 16W-1-8-21	01	080S	210E	4304734047		Federal	GW	APD	C	WONSITS VALLEY	710	S	UINTAH	1	U-0802	UT-0969
WV 13G-2-8-21	02	080S	210E	4304734068	5265	State	OW	P		WONSITS VALLEY	710	S	UINTAH	3	ML-2785-A	159261960
WV 5G-16-8-21	16	080S	210E	4304734107	5265	State	OW	P		WONSITS VALLEY	710	S	UINTAH	3	ML-2237	159261960
WV 12G-1-8-21	01	080S	210E	4304734108	5265	Federal	OW	P		WONSITS VALLEY	710	S	UINTAH	1	U-0802	UT-0969
WV 2W-14-8-21	14	080S	210E	4304734140	12436	Federal	GW	P		WONSITS VALLEY	710	S	UINTAH	1	UTU-0807	U-0969
GH 2W-21-8-21	21	080S	210E	4304734141	12436	Federal	GW	P		WONSITS VALLEY	710	S	UINTAH	1	UTU-0804	U-0969
WV 2W-23-8-21	23	080S	210E	4304734142	12436	Federal	GW	P		WONSITS VALLEY	710	S	UINTAH	1	UTU-0809	U-0969
GH 3W-21-8-21	21	080S	210E	4304734143	12436	Federal	GW	P		WONSITS VALLEY	710	S	UINTAH	1	UTU-0804	U-0969
WV 4W-13-8-21	13	080S	210E	4304734144	12436	Federal	GW	P		WONSITS VALLEY	710	S	UINTAH	1	UTU-0806	UT-0969
GH 4W-21-8-21	21	080S	210E	4304734145	12436	Federal	GW	P		WONSITS VALLEY	710	S	UINTAH	1	UTU-0804	UT-0969
WV 4W-22-8-21	22	080S	210E	4304734146	12436	Federal	GW	P		WONSITS VALLEY	710	S	UINTAH	1	UTU-0804	U-0969
WV 16W-11-8-21	11	080S	210E	4304734155	12436	Federal	GW	S		WONSITS VALLEY	710	S	UINTAH	1	UTU-0806	UT-0969
WV 3W-19-8-22	19	080S	220E	4304734187	12436	Federal	GW	P		WONSITS VALLEY	630	S	UINTAH	1	UTU-057	UT-0969
WV 4W-23-8-21	23	080S	210E	4304734188	12436	Federal	GW	P		WONSITS VALLEY	710	S	UINTAH	1	UTU-809	UT-0969

SEI (N4235) to QEP (N2460) WONSITS VALLEY UNIT

well_name	Sec	T	R	api	Entity	Lease Type	type	stat		unit_name	field		county	type	lease #	bond #
WV 6W-23-8-21	23	080S	210E	4304734189	12436	Federal	GW	P		WONSITS VALLEY	710	S	UINTAH	1	UTU-809	UT-0969
WV 11W-16-8-21	16	080S	210E	4304734190	12436	State	GW	P		WONSITS VALLEY	710	S	UINTAH	3	ML-2237	159261960
WV 13W-16-8-21	16	080S	210E	4304734191	12436	State	GW	P		WONSITS VALLEY	710	S	UINTAH	3	ML-2237A	159261960
WV 14W-16-8-21	16	080S	210E	4304734192	12436	State	GW	P		WONSITS VALLEY	710	S	UINTAH	3	ML-2237	159261960
WV 15W-16-8-21	16	080S	210E	4304734224	12436	State	GW	P		WONSITS VALLEY	710	S	UINTAH	3	ML-2237	159261960
WV 16W-16-8-21	16	080S	210E	4304734225	12436	State	GW	P		WONSITS VALLEY	710	S	UINTAH	3	ML-2237A	159261960
WV 2W-15-8-21	15	080S	210E	4304734242	12436	Federal	GW	P		WONSITS VALLEY	710	S	UINTAH	1	UTU-0807	UT-0969
WV 2W-22-8-21	22	080S	210E	4304734243	12436	Federal	GW	P		WONSITS VALLEY	710	S	UINTAH	1	UTU-0804	UT-0969
WV 4W-14-8-21	14	080S	210E	4304734244	12436	Federal	GW	P		WONSITS VALLEY	710	S	UINTAH	1	U-0807	UT-0969
WV 6W-12-8-21	12	080S	210E	4304734245	12436	Federal	GW	TA		WONSITS VALLEY	710	S	UINTAH	1	U-0806	UT-0969
WV 7W-15-8-21	15	080S	210E	4304734246	12436	Federal	GW	P		WONSITS VALLEY	710	S	UINTAH	1	U-0807	UT-0969
WV 8W-15-8-21	15	080S	210E	4304734247	12436	Federal	GW	P		WONSITS VALLEY	710	S	UINTAH	1	UTU-0807	UT-0969
WV 12W-12-8-21	12	080S	210E	4304734248	12436	Federal	GW	TA		WONSITS VALLEY	710	S	UINTAH	1	U-0806	UT-0969
WV 14W-15-8-21	15	080S	210E	4304734249	12436	Federal	GW	P		WONSITS VALLEY	710	S	UINTAH	1	UTU-0807	UT-0969
WV 16W-10-8-21	10	080S	210E	4304734250	12436	Federal	GW	P		WONSITS VALLEY	710	S	UINTAH	1	UTU-0806	UT-0969
WV 16W-15-8-21	15	080S	210E	4304734251	12436	Federal	GW	P		WONSITS VALLEY	710	S	UINTAH	1	UTU-0807	UT-0969
WV 1W-11-8-21	11	080S	210E	4304734263		Federal	GW	APD	C	WONSITS VALLEY	710	S	UINTAH	1	UTU-0806	UT-0969
WV 2W-11-8-21	11	080S	210E	4304734264		Federal	GW	APD	C	WONSITS VALLEY	710	S	UINTAH	1	UTU-0806	UT-0969
WV 2W-12-8-21	12	080S	210E	4304734265	12436	Federal	GW	DRL	C	WONSITS VALLEY	710	S	UINTAH	1	UTU-0806	UT-0969
WV 3W-11-8-21	11	080S	210E	4304734266		Federal	GW	APD	C	WONSITS VALLEY	710	S	UINTAH	1	UTU-0806	UT-0969
WV 3W-12-8-21	12	080S	210E	4304734267		Federal	GW	APD	C	WONSITS VALLEY	710	S	UINTAH	1	UTU-0806	UT-0969
WV 4W-12-8-21	12	080S	210E	4304734268		Federal	GW	APD	C	WONSITS VALLEY	710	S	UINTAH	1	UTU-0806	UT-0969
WV 5W-11-8-21	11	080S	210E	4304734269		Federal	GW	APD	C	WONSITS VALLEY	710	S	UINTAH	1	UTU-0806	UT-0969
WV 5W-12-8-21	12	080S	210E	4304734270	12436	Federal	GW	DRL	C	WONSITS VALLEY	710	S	UINTAH	1	UTU-0806	UT-0969
WV 6W-14-8-21	14	080S	210E	4304734271	12436	Federal	GW	P		WONSITS VALLEY	710	S	UINTAH	1	UTU-0807	UT-0969
WV 9W-11-8-21	11	080S	210E	4304734274		Federal	GW	APD	C	WONSITS VALLEY	710	S	UINTAH	1	UTU-0806	UT-0969
WV 10W-14-8-21	14	080S	210E	4304734275	12436	Federal	GW	P		WONSITS VALLEY	710	S	UINTAH	1	UTU-0807	UT-0969
WV 11W-11-8-21	11	080S	210E	4304734276		Federal	GW	APD	C	WONSITS VALLEY	710	S	UINTAH	1	UTU-0806	UT-0969
WV 11W-14-8-21	14	080S	210E	4304734277	12436	Federal	GW	P		WONSITS VALLEY	710	S	UINTAH	1	UTU-0807	UT-0969
WV 12W-11-8-21	11	080S	210E	4304734278		Federal	GW	APD	C	WONSITS VALLEY	710	S	UINTAH	1	UTU-0806	UT-0969
WV 12W-14-8-21	14	080S	210E	4304734279	12436	Federal	GW	P		WONSITS VALLEY	710	S	UINTAH	1	UTU-0807	UT-0969
WV 14W-11-8-21	11	080S	210E	4304734280		Federal	GW	APD	C	WONSITS VALLEY	710	S	UINTAH	1	UTU-0806	UT-0969
WV 14W-14-8-21	14	080S	210E	4304734281	12436	Federal	GW	P		WONSITS VALLEY	710	S	UINTAH	1	UTU-0807	UT-0969
WV 15W-11-8-21	11	080S	210E	4304734282		Federal	GW	APD	C	WONSITS VALLEY	710	S	UINTAH	1	UTU-0806	UT-0969
WV 16W-14-8-21	14	080S	210E	4304734283	5265	Federal	OW	P		WONSITS VALLEY	710	S	UINTAH	1	UTU-0807	UT-0969
WV 1W-16-8-21	16	080S	210E	4304734288		State	GW	APD	C	WONSITS VALLEY	710	S	UINTAH	3	ML-2237	159261960
WV 3W-15-8-21	15	080S	210E	4304734289		Federal	GW	APD	C	WONSITS VALLEY	710	S	UINTAH	1	UTU-0807	UT-0969
WV 3W-16-8-21	16	080S	210E	4304734290		State	GW	APD	C	WONSITS VALLEY	710	S	UINTAH	3	ML-2237	159261960
WV 4W-15-8-21	15	080S	210E	4304734291		Federal	GW	APD	C	WONSITS VALLEY	710	S	UINTAH	1	UTU-0807	UT-0969
WV 4W-16-8-21	16	080S	210E	4304734292		State	GW	APD	C	WONSITS VALLEY	710	S	UINTAH	3	ML-2237	159261960
WV 5W-15-8-21	15	080S	210E	4304734293		Federal	GW	APD	C	WONSITS VALLEY	710	S	UINTAH	1	UTU-0807	UT-0969
WV 6W-15-8-21	15	080S	210E	4304734294	12436	Federal	GW	P		WONSITS VALLEY	710	S	UINTAH	1	UTU-0807	UT-0969
WV 10W-15-8-21	15	080S	210E	4304734295	12436	Federal	GW	P		WONSITS VALLEY	710	S	UINTAH	1	UTU-0807	UT-0969
WVU 5W-16-8-21	16	080S	210E	4304734321	12436	State	GW	DRL		WONSITS VALLEY	710	S	UINTAH	3	ML-2237	04127294
WV 7W-16-8-21	16	080S	210E	4304734322	12436	State	GW	P		WONSITS VALLEY	710	S	UINTAH	3	ML-2237	159261960

SEI (N4235) to QEP (N2460) WONSITS VALLEY UNIT

well_name	Sec	T	R	api	Entity	Lease Type	type	stat		unit_name	field		county	type	lease #	bond #
WV 8W-16-8-21	16	080S	210E	4304734323		State	GW	APD		WONSITS VALLEY	710	S	UINTAH	3	ML-2237	159261960
WV 9W-16-8-21	16	080S	210E	4304734325	12436	State	GW	P		WONSITS VALLEY	710	S	UINTAH	3	ML-2237	159261960
WV 10W-16-8-21	16	080S	210E	4304734326	12436	State	GW	P		WONSITS VALLEY	710	S	UINTAH	3	ML-2237	159261960
WVU 4W-24-8-21	24	080S	210E	4304734330	12436	Federal	GW	P		WONSITS VALLEY	710	S	UINTAH	1	UTU-0810	U-0969
WVU 2W-24-8-21	24	080S	210E	4304734337		Federal	GW	APD	C	WONSITS VALLEY	710	S	UINTAH	1	UTU-0810	UT-0969
WVU 6W-24-8-21	24	080S	210E	4304734338		Federal	GW	APD	C	WONSITS VALLEY	710	S	UINTAH	1	UTU-0810	UT-0969
WVU 8W-23-8-21	23	080S	210E	4304734339		Federal	GW	APD	C	WONSITS VALLEY	710	S	UINTAH	1	UTU-0809	UT-0969
WVU 8W-24-8-21	24	080S	210E	4304734340	12436	Federal	GW	P	C	WONSITS VALLEY	710	S	UINTAH	1	UTU-0810	UT-0969
WV 2G-7-8-22	07	080S	220E	4304734355		Federal	OW	APD	C	WONSITS VALLEY	710	S	UINTAH	1	UTU-02215	UT-0969
WV 2W-7-8-22	07	080S	220E	4304734356		Federal	GW	APD	C	WONSITS VALLEY	710	S	UINTAH	1	UTU-02215	UT-0969
WV 4G-8-8-22	08	080S	220E	4304734357		Federal	OW	APD	C	WONSITS VALLEY	710	S	UINTAH	1	UTU-02215	UT-0969
WV 4WA-18-8-22	18	080S	220E	4304734358		Federal	GW	APD	C	WONSITS VALLEY	710	S	UINTAH	1	UTU-057	UT-0969
WV 4WD-18-8-22	18	080S	220E	4304734359		Federal	GW	APD	C	WONSITS VALLEY	710	S	UINTAH	1	UTU-057	UT-0969
WV 13WA-18-8-22	18	080S	220E	4304734361		Federal	GW	APD	C	WONSITS VALLEY	710	S	UINTAH	1	UTU-057	UT-0969
WV 13WD-18-8-22	18	080S	220E	4304734362		Federal	GW	APD	C	WONSITS VALLEY	710	S	UINTAH	1	UTU-057	UT-0969
WV 2WA-18-8-22	18	080S	220E	4304734426		Federal	GW	APD	C	WONSITS VALLEY	710	S	UINTAH	1	UTU-057	UT-0969
WV 2WD-18-8-22	18	080S	220E	4304734427		Federal	GW	APD	C	WONSITS VALLEY	710	S	UINTAH	1	UTU-057	UT-0969
WV 3WA-18-8-22	18	080S	220E	4304734428		Federal	GW	APD	C	WONSITS VALLEY	710	S	UINTAH	1	UTU-057	UT-0969
WV 3WD-18-8-22	18	080S	220E	4304734429		Federal	GW	APD	C	WONSITS VALLEY	710	S	UINTAH	1	UTU-057	UT-0969
WV 4W-8-8-22	08	080S	220E	4304734457		Federal	GW	APD	C	WONSITS VALLEY	710	S	UINTAH	1	UTU-02215	UT-0969
WV 1W-8-8-22	08	080S	220E	4304734467		Federal	GW	APD	C	WONSITS VALLEY	710	S	UINTAH	1	UTU-02215	UT-0969
WV 2W-8-8-22	08	080S	220E	4304734468	12436	Federal	GW	P	C	WONSITS VALLEY	710	S	UINTAH	1	UTU-02215	UT-0969
WV 8W-7-8-22	07	080S	220E	4304734469	12436	Federal	GW	DRL	C	WONSITS VALLEY	710	S	UINTAH	1	UTU-02215	UT-0969
WV 8W-22-8-21	22	080S	210E	4304734564	12436	Federal	GW	P	C	WONSITS VALLEY	710	S	UINTAH	1	UTU-0804	U-0969
WV 3G-8-8-22	08	080S	220E	4304734596	5265	Federal	OW	TA	C	WONSITS VALLEY	710	S	UINTAH	1	U-022158	U-0969
WONSITS VALLEY 1G-7-8-22	07	080S	220E	4304734597		Federal	OW	APD	C	WONSITS VALLEY	710	S	UINTAH	1	U-022158	U-0969
WONSITS VALLEY 5G-8-8-22	08	080S	220E	4304734612		Federal	OW	APD	C	WONSITS VALLEY	710	S	UINTAH	1	UTU-02215	U-0969
WONSITS VALLEY 7G-8-8-22	08	080S	220E	4304734613		Federal	OW	APD	C	WONSITS VALLEY	710	S	UINTAH	1	UTU-76508	U-0969
WV 11G-8-8-22	08	080S	220E	4304734614		Federal	OW	APD	C	WONSITS VALLEY	710	S	UINTAH	1	UTU-02215	U-0969
WV 13G-8-8-22	08	080S	220E	4304734615		Federal	OW	APD	C	WONSITS VALLEY	710	S	UINTAH	1	UTU-02215	U-0969
WV 15G-7-8-22	07	080S	220E	4304734626		Federal	OW	APD	C	WONSITS VALLEY	710	S	UINTAH	1	UTU-02215	U-0969
WV 11G-7-8-22	07	080S	220E	4304734627		Federal	OW	APD	C	WONSITS VALLEY	710	S	UINTAH	1	UTU-02215	U-0969
WONSITS VALLEY 7G-7-8-22	07	080S	220E	4304734628		Federal	OW	APD	C	WONSITS VALLEY	710	S	UINTAH	1	UTU-02215	U-0969
WONSITS VALLEY 9G-7-8-22	07	080S	220E	4304734629		Federal	OW	APD	C	WONSITS VALLEY	710	S	UINTAH	1	UTU-02215	U-0969
WV EXT 2W-17-8-21	17	080S	210E	4304734928	12436	Federal	GW	DRL	C	WONSITS VALLEY	610	S	UINTAH	1	UTU-68219	UT-1237

JUL 07 2003

3104 (932.34)WF  
Nationwide Bond ESB000024

NOTICE

QEP Uinta Basin, Inc.  
1050 17<sup>th</sup> Street Suite 500  
Denver, Colorado 80265

:  
: Oil and Gas  
: lease  
:

Name Change Recognized

Acceptable evidence has been filed in this office concerning the name change of Shenandoah Energy Incorporated into QEP Uinta Basin, Incorporated. QEP Uinta Basin, Incorporated is the surviving entity. This name change is recognized effective April 17, 2003.

Eastern States will notify the Minerals Management Service and all applicable Bureau of Land Management offices of the change by a copy of this notice.

If you identify other leases in which the merging entity maintain an interest, please contact this office and we will appropriately document those files with a copy of this notice.

If you have any questions, please contact Bill Forbes at 703-440-1536.

*S/ Wilbert B. Forbes*

Wilbert B. Forbes  
Land Law Examiner  
Branch of Use Authorization  
Division of Resources Planning,  
Use and Protection

bc: JFO,MMS, ES RF, 930 RF, 932.34 RF, E-932: wbf:07 /07/03:440-1536/ QEP Uinta Basin  
MFC



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 8  
999 18th STREET - SUITE 300  
DENVER, CO 80202-2466  
<http://www.epa.gov/region08>

MAR 31 2005

Ref: 8P-W-GW

**CERTIFIED MAIL**  
**RETURN RECEIPT REQUESTED**

Stephanie Tomkinson  
QEP Uinta Basin, Inc.  
11002 East 17500 South  
Vernal, UT 84078

Accepted by the  
Utah Division of  
Oil, Gas and Mining  
**FOR RECORD ONLY**

RECEIVED  
APR 06 2005  
DIV. OF OIL, GAS & MINING

Re: Underground Injection Control Program  
Permit for the WV 3G-8-8-22 Well  
Uintah County, UT  
EPA Permit No. UT20954-06195

Dear Ms. Tomkinson:

Enclosed is your copy of the FINAL Underground Injection Control (UIC) Permit for the proposed WV 3G-8-8-22, in Uintah County, Utah. A Statement of Basis, which discusses development of the conditions and requirements of the Permit, also is included.

The Public Comment period ended on January 28, 2005. There were no comments on the Draft Permit received during the Public Notice period, and therefore the Final Permit becomes effective on the date of issuance. All conditions set forth herein refer to Title 40 Parts 124, 144, 146, and 147 of the Code of Federal Regulations (CFR) and are regulations that are in effect on the date that this Permit becomes effective.

Please note that under the terms of the Final Permit, you are authorized only to construct the proposed injection well, and must fulfill the "Prior to Commencing Injection" requirements of the Permit, Part II Section C Subpart 1 and obtain written Authorization to Inject prior to commencing injection. It is your responsibility to be familiar with and to comply with all provisions of the Final Permit.

The Permit and the authorization to inject are issued for the operating life of the well unless terminated (Part III, Section B). The EPA will review this Permit at least every five (5) years to determine whether action under 40 CFR § 144.36(a) is warranted.

If you have any questions on the enclosed Final Permit or Statement of Basis, please call Chuck Tinsley of my staff at (303) 312-6266, or toll-free at (800) 227-8917, ext. 6266.

Sincerely,



Stephen S. Tuber  
Assistant Regional Administrator  
Office of Partnerships and Regulatory Assistance

enclosure: Final UIC Permit  
Statement of Basis  
Form 7520-7 Application to Transfer Permit  
Form 7520-11 Monitoring Report  
Form 7520-14 Plugging Plan  
Form 7520-12 Well Rework Record  
Groundwater Section Guidance 34  
Groundwater Section Guidance 35  
Groundwater Section Guidance 37  
Groundwater Section Guidance 39

cc: Ms. Maxine Natchees, Chairperson  
Uintah and Ouray Business Committee

Ms. Elaine Willie, Environmental Coordinator  
Ute Indian Tribe

Mr. Chester Mills  
Bureau of Indian Affairs, U&O Agency

Mr. Gil Hunt  
State of Utah, DOGM

Mr. Jerry Kenczka  
Bureau of Land Management



**UNDERGROUND INJECTION CONTROL PROGRAM  
PERMIT**

PREPARED: February 2005

**Permit No. UT20954-06195**

Class II Enhanced Oil Recovery Injection Well

**WV 3G-8-8-22  
Uintah County, UT**

Issued To

**QEP Uinta Basin, Inc.**

11002 East 17500 South

Vernal, UT 84078

**Part I. AUTHORIZATION TO CONSTRUCT AND OPERATE**

Under the authority of the Safe Drinking Water Act and Underground Injection Control (UIC) Program regulations of the U. S. Environmental Protection Agency (EPA) codified at Title 40 of the Code of Federal Regulations (40 CFR) Parts 2, 124, 144, 146, and 147, and according to the terms of this Permit,

QEP Uinta Basin, Inc.  
11002 East 17500 South  
Vernal, UT 84078

is authorized to construct and to operate the following Class II injection well or wells:

WV 3G-8-8-22  
730 FNL 2021 FWL, NENW S8, T8S, R22E  
Uintah County, UT

Permit requirements herein are based on regulations found in 40 CFR Parts 124, 144, 146, and 147 which are in effect on the Effective Date of this Permit.

This Permit is based on representations made by the applicant and on other information contained in the Administrative Record. Misrepresentation of information or failure to fully disclose all relevant information may be cause for termination, revocation and reissuance, or modification of this Permit and/or formal enforcement action. This Permit will be reviewed periodically to determine whether action under 40 CFR 144.36(a) is required.

This Permit is issued for the life of the well or wells unless modified, revoked and reissued, or terminated under 40 CFR 144.39 or 144.40. This Permit may be adopted, modified, revoked and reissued, or terminated if primary enforcement authority for this program is delegated to an Indian Tribe or a State. Upon the effective date of delegation, all reports, notifications, questions and other compliance actions shall be directed to the Indian tribe or State Program Director or designee.

Issue Date: FEB 17 2005

Effective Date FEB 17 2005

*Carol S. Campbell for*  
Stephen S. Tuber  
Assistant Regional Administrator\*  
Office of Partnerships and Regulatory Assistance

\*NOTE: The person holding this title is referred to as the "Director" throughout this Permit.

## PART II. SPECIFIC PERMIT CONDITIONS

### Section A. WELL CONSTRUCTION REQUIREMENTS

These requirements represent the approved minimum construction standards for well casing and cement, injection tubing, and packer.

Details of the approved well construction plan are incorporated into this Permit as APPENDIX A. Changes to the approved plan that may occur during construction must be approved by the Director prior to being physically incorporated.

#### **1. Casing and Cement.**

The well or wells shall be cased and cemented to prevent the movement of fluids into or between underground sources of drinking water. The well casing and cement shall be designed for the life expectancy of the well and of the grade and size shown in APPENDIX A. Remedial cementing may be required if shown to be inadequate by cement bond log or other attempted demonstration of Part II (External) mechanical integrity.

#### **2. Injection Tubing and Packer.**

Injection tubing is required, and shall be run and set with a packer at or below the depth indicated in APPENDIX A. The packer setting depth may be changed provided it remains below the depth indicated in APPENDIX A and the Permittee provides notice and obtains the Director's approval for the change.

#### **3. Sampling and Monitoring Devices.**

The Permittee shall install and maintain in good operating condition:

- (a) a "tap" at a conveniently accessible location on the injection flow line between the pump house or storage tanks and the injection well, isolated by shut-off valves, for collection of representative samples of the injected fluid; and
- (b) one-half (1/2) inch female iron pipe fitting, isolated by shut-off valves and located at the wellhead at a conveniently accessible location, for the attachment of a pressure gauge capable of monitoring pressures ranging from normal operating pressures up to the Maximum Allowable Injection Pressure specified in APPENDIX C:
  - (i) on the injection tubing; and
  - (ii) on the tubing-casing annulus (TCA); and
- (c) a pressure actuated shut-off device attached to the injection flow line set to shut-off the injection pump when or before the Maximum Allowable Injection Pressure specified in APPENDIX C is reached at the wellhead; and
- (d) a non-resettable cumulative volume recorder attached to the injection line.

#### **4. Well Logging and Testing**

Well logging and testing requirements are found in APPENDIX B. The Permittee shall ensure the log and test requirements are performed within the time frames specified in APPENDIX B. Well logs and tests shall be performed according to current EPA-approved procedures. Well log and test results shall be submitted to the Director within sixty (60) days of completion of the logging or testing activity, and shall include a report describing the methods used during logging or testing and an interpretation of the test or log results.

#### **5. Postponement of Construction or Conversion**

The Permittee shall complete well construction within one year of the Effective Date of the Permit, or in the case of an Area Permit within one year of authorization of the additional well. Authorization to construct and operate shall expire if the well has not been constructed within one year of the Effective Date of the Permit or authorization and the Permit may be terminated under 40 CFR 144.40, unless the Permittee has notified the Director and requested an extension prior to expiration. Notification shall be in writing, and shall state the reasons for the delay and provide an estimated completion date. Once Authorization has expired under this part, the complete permit process including opportunity for public comment may be required before Authorization to construct and operate can be reissued.

#### **6. Workovers and Alterations**

Workovers and alterations shall meet all conditions of the Permit. Prior to beginning any addition or physical alteration to an injection well that may significantly affect the tubing, packer or casing, the Permittee shall give advance notice to the Director and obtain the Director's approval. The Permittee shall record all changes to well construction on a Well Rework Record (EPA Form 7520-12), and shall provide this and any other record of well workover, logging, or test data to EPA within sixty (60) days of completion of the activity.

A successful demonstration of Part I MI is required following the completion of any well workover or alteration which affects the casing, tubing, or packer. Injection operations shall not be resumed until the well has successfully demonstrated mechanical integrity and the Director has provided written approval to resume injection.

### **Section B. MECHANICAL INTEGRITY**

The Permittee is required to ensure each injection well maintains mechanical integrity at all times. The Director, by written notice, may require the Permittee to comply with a schedule describing when mechanical integrity demonstrations shall be made.

An injection well has mechanical integrity if:

- (a) There is no significant leak in the casing, tubing, or packer (Part I); and
- (b) There is no significant fluid movement into an underground source of drinking water through vertical channels adjacent to the injection well bore (Part II).

**1. Demonstration of Mechanical Integrity (MI).**

The operator shall demonstrate MI prior to commencing injection and periodically thereafter. Well-specific conditions dictate the methods and the frequency for demonstrating MI and are discussed in the Statement of Basis. The logs and tests are designed to demonstrate both internal (Part I) and external (Part II) MI as described above. The conditions present at this well site warrant the methods and frequency required in Appendix B of this Permit.

In addition to these regularly scheduled demonstrations of MI, the operator shall demonstrate internal (Part I) MI after any workover which affects the tubing, packer or casing.

The Director may require additional or alternative tests if the results presented by the operator are not satisfactory to the Director to demonstrate there is no movement of fluid into or between USDWs resulting from injection activity. Results of MI tests shall be submitted to the Director as soon as possible but no later than sixty (60) days after the test is complete.

**2. Mechanical Integrity Test Methods and Criteria**

EPA-approved methods shall be used to demonstrate mechanical integrity. A current copy of Ground Water Section Guidance No. 34 "Cement Bond Logging Techniques and Interpretation", Ground Water Section Guidance No. 37, "Demonstrating Part II (External) Mechanical Integrity for a Class II injection well permit", and Ground Water Section Guidance No. 39, "Pressure Testing Injection Wells for Part I (Internal) Mechanical Integrity" are provided at issuance of this Permit.

The Director may stipulate specific test methods and criteria best suited for a specific well construction and injection operation.

**3. Notification Prior to Testing.**

The Permittee shall notify the Director at least 30 days prior to any scheduled mechanical integrity test. The Director may allow a shorter notification period if it would be sufficient to enable EPA to witness the mechanical integrity test. Notification may be in the form of a yearly or quarterly schedule of planned mechanical integrity tests, or it may be on an individual basis.

**4. Loss of Mechanical Integrity.**

If the well fails to demonstrate mechanical integrity during a test, or a loss of mechanical integrity becomes evident during operation (such as presence of pressure in the TCA, water flowing at the surface, etc.), the Permittee shall notify the Director within 24 hours (see Part III Section E Paragraph 11(e) of this Permit), and the well shall be shut-in within 48 hours unless the Director requires immediate shut-in.

Within five days, the Permittee shall submit a follow-up written report that documents test results, repairs undertaken or a proposed remedial action plan.

Injection operations shall not be resumed until after the well has successfully been repaired and demonstrated mechanical integrity, and the Director has provided approval to resume injection.

## **Section C. WELL OPERATION**

INJECTION BETWEEN THE OUTERMOST CASING PROTECTING UNDERGROUND SOURCES OF DRINKING WATER AND THE WELL BORE IS PROHIBITED.

Injection is approved under the following conditions:

### **1. Requirements Prior to Commencing Injection.**

Injection operation may commence only after all construction and pre-injection requirements herein have been met and approved. Except for new wells authorized by an Area Permit under 40 CFR 144.33 (c), the Permittee may not commence injection until construction is complete, and

- (a) The Permittee has submitted to the Director a notice of completion of construction and a completed EPA Form 7520-12; all applicable logging and testing requirements of this Permit (see APPENDIX B) have been fulfilled and the records submitted to the Director; mechanical integrity pursuant to 40 CFR 146.8 and Part II Section B of this Permit has been demonstrated; and
  - (i) The Director has inspected or otherwise reviewed the new injection well and finds it is in compliance with the conditions of the Permit; or
  - (ii) The Permittee has not received notice from the Director of his or her intent to inspect or otherwise review the new injection well within 13 days of the date of the notice in Paragraph 1a, in which case prior inspection or review is waived and the Permittee may commence injection.

### **2. Injection Interval.**

Injection is permitted only within the approved injection interval, listed in APPENDIX C. Additional individual injection perforations may be added provided that they remain within the approved injection interval and the Permittee provides notice to the Director in accordance with Part II, Section A, Paragraph 6.

### **3. Injection Pressure Limitation**

- (a) The permitted Maximum Allowable Injection Pressure (MAIP), measured at the wellhead, is found in APPENDIX C. Injection pressure shall not exceed the amount the Director determines is appropriate to ensure that injection does not initiate new fractures or propagate existing fractures in the confining zone adjacent to USDWs. In no case shall injection pressure cause the movement of injected or formation fluids into a USDW.
- (b) The Permittee may request a change of the MAIP, or the MAIP may be increased or decreased by the Director in order to ensure that the requirements in Paragraph (a) above are fulfilled. The Permittee may be required to conduct a step rate injection test or other suitable test to provide information for determining the fracture pressure of the injection zone. Change of the permitted MAIP by the Director shall be by modification of this Permit and APPENDIX C.

#### **4. Injection Volume Limitation.**

Injection volume is limited to the total volume specified in APPENDIX C.

#### **5. Injection Fluid Limitation.**

Injected fluids are limited to those identified in 40 CFR 144.6(b)(2) as fluids used for enhanced recovery of oil or natural gas, including those which are brought to the surface in connection with conventional oil or natural gas production that may be commingled with waste waters from gas plants which are an integral part of production operations unless those waters are classified as a hazardous waste at the time of injection, pursuant to 40 CFR 144.6(b). Non-exempt wastes, including unused fracturing fluids or acids, gas plant cooling tower cleaning wastes, service wastes and vacuum truck wastes, are NOT approved for injection. This well is NOT approved for commercial brine injection, industrial waste fluid disposal or injection of hazardous waste as defined by CFR 40 Part 261. The Permittee shall provide a listing of the sources of injected fluids in accordance with the reporting requirements in Part II Section D Paragraph 4 and APPENDIX D of this Permit.

#### **6. Tubing-Casing Annulus (TCA)**

The tubing-casing annulus (TCA) shall be filled with water treated with a corrosion inhibitor, or other fluid approved by the Director. The TCA valve shall remain closed during normal operating conditions and the TCA pressure shall be maintained at zero (0) psi.

If TCA pressure cannot be maintained at zero (0) psi, the Permittee shall follow the procedures in Ground Water Section Guidance No. 35 "Procedures to follow when excessive annular pressure is observed on a well."

### **Section D. MONITORING, RECORDKEEPING, AND REPORTING OF RESULTS**

#### **1. Monitoring Parameters, Frequency, Records and Reports.**

Monitoring parameters are specified in APPENDIX D. Pressure monitoring recordings shall be taken at the wellhead. The listed parameters are to be monitored, recorded and reported at the frequency indicated in APPENDIX D even during periods when the well is not operating.

Monitoring records must include:

- (a) the date, time, exact place and the results of the observation, sampling, measurement, or analysis, and;
- (b) the name of the individual(s) who performed the observation, sampling, measurement, or analysis, and;
- (c) the analytical techniques or methods used for analysis.

#### **2. Monitoring Methods.**

- (a) Monitoring observations, measurements, samples, etc. taken for the purpose of complying with these requirements shall be representative of the activity or condition being monitored.

- (b) Methods used to monitor the nature of the injected fluids must comply with analytical methods cited and described in Table 1 of 40 CFR 136.3 or Appendix III of 40 CFR 261, or by other methods that have been approved in writing by the Director.
- (c) Injection pressure, annulus pressure, injection rate, and cumulative injected volumes shall be observed and recorded at the wellhead under normal operating conditions, and all parameters shall be observed simultaneously to provide a clear depiction of well operation.
- (d) Pressures are to be measured in pounds per square inch (psi).
- (e) Fluid volumes are to be measured in standard oil field barrels (bbl).
- (f) Fluid rates are to be measured in barrels per day (bbl/day).

### **3. Records Retention.**

- (a) Records of calibration and maintenance, and all original strip chart recordings for continuous monitoring instrumentation, copies of all reports required by this permit, and records of all data used to complete the application for this permit shall be retained for a period of AT LEAST THREE (3) YEARS from the date of the sample, measurement, report, or application. This period may be extended anytime prior to its expiration by request of the Director.
- (b) Records of the nature and composition of all injected fluids must be retained until three (3) years after the completion of any plugging and abandonment (P&A) procedures specified under 40 CFR 144.52(a)(6) or under Part 146 Subpart G, as appropriate. The Director may require the Permittee to deliver the records to the Director at the conclusion of the retention period. The Permittee shall continue to retain the records after the three (3) year retention period unless the Permittee delivers the records to the Director or obtains written approval from the Director to discard the records.
- (c) The Permittee shall retain records at the location designated in APPENDIX D.

### **4. Annual Reports.**

Whether the well is operating or not, the Permittee shall submit an Annual Report to the Director that summarizes the results of the monitoring required by Part II Section D and APPENDIX D.

The first Annual Report shall cover the period from the effective date of the Permit through December 31 of that year. Subsequent Annual Reports shall cover the period from January 1 through December 31 of the reporting year. Annual Reports shall be submitted by February 15 of the year following data collection. EPA Form 7520-11 may be copied and shall be used to submit the Annual Report, however, the monitoring requirements specified in this Permit are mandatory even if EPA Form 7520-11 indicates otherwise.

## Section E. PLUGGING AND ABANDONMENT

### **1. Notification of Well Abandonment, Conversion or Closure.**

The Permittee shall notify the Director in writing at least forty-five (45) days prior to: 1) plugging and abandoning an injection well, 2) converting to a non-injection well, and 3) in the case of an Area Permit, before closure of the project.

### **2. Well Plugging Requirements**

Prior to abandonment, the injection well shall be plugged with cement in a manner which prevents the movement of fluids into or between underground sources of drinking water. Prior to placement of the cement plug(s) the well shall be in a state of static equilibrium with the mud weight equalized top to bottom, either by circulating the mud in the well at least once or by a comparable method prescribed by the Director. The well shall be plugged in accordance with the approved plugging and abandonment plan and with 40 CFR 146.10.

### **3. Approved Plugging and Abandonment Plan.**

The approved plugging and abandonment plan is incorporated into this Permit as APPENDIX E. Changes to the approved plugging and abandonment plan must be approved by the Director prior to beginning plugging operations. The Director also may require revision of the approved plugging and abandonment plan at any time prior to plugging the well.

### **4. Forty Five (45) Day Notice of Plugging and Abandonment.**

The Permittee shall notify the Director at least forty-five (45) days prior to plugging and abandoning a well and provide notice of any anticipated change to the approved plugging and abandonment plan.

### **5. Plugging and Abandonment Report.**

Within sixty (60) days after plugging a well, the Permittee shall submit a report (EPA Form 7520-13) to the Director. The plugging report shall be certified as accurate by the person who performed the plugging operation. Such report shall consist of either:

- (a) A statement that the well was plugged in accordance with the approved plugging and abandonment plan; or
- (b) Where actual plugging differed from the approved plugging and abandonment plan, an updated version of the plan, on the form supplied by the Director, specifying the differences.

### **6. Inactive Wells.**

After any period of two years during which there is no injection the Permittee shall plug and abandon the well in accordance with Part II Section E Paragraph 2 of this Permit unless the Permittee:

- (a) Provides written notice to the Director;

- (b) Describes the actions or procedures the Permittee will take to ensure that the well will not endanger USDWs during the period of inactivity. These actions and procedures shall include compliance with mechanical integrity demonstration, Financial Responsibility and all other permit requirements designed to protect USDWs; and
- (c) Receives written notice by the Director temporarily waiving plugging and abandonment requirements.

## PART III. CONDITIONS APPLICABLE TO ALL PERMITS

### Section A. EFFECT OF PERMIT

The Permittee is allowed to engage in underground injection in accordance with the conditions of this Permit. The Permittee shall not construct, operate, maintain, convert, plug, abandon, or conduct any other activity in a manner that allows the movement of fluid containing any contaminant into underground sources of drinking water, if the presence of that contaminant may cause a violation of any primary drinking water regulation under 40 CFR 142 or may otherwise adversely affect the health of persons. Any underground injection activity not authorized by this Permit or by rule is prohibited. Issuance of this Permit does not convey property rights of any sort or any exclusive privilege; nor does it authorize any injury to persons or property, any invasion of other private rights, or any infringement of State or local law or regulations. Compliance with the terms of this Permit does not constitute a defense to any enforcement action brought under the provisions of Section 1431 of the Safe Drinking Water Act (SDWA) or any other law governing protection of public health or the environment, for any imminent and substantial endangerment to human health or the environment, nor does it serve as a shield to the Permittee's independent obligation to comply with all UIC regulations. Nothing in this Permit relieves the Permittee of any duties under applicable regulations.

### Section B. CHANGES TO PERMIT CONDITIONS

#### **1. Modification, Reissuance, or Termination.**

The Director may, for cause or upon a request from the Permittee, modify, revoke and reissue, or terminate this Permit in accordance with 40 CFR 124.5, 144.12, 144.39, and 144.40. Also, this Permit is subject to minor modification for causes as specified in 40 CFR 144.41. The filing of a request for modification, revocation and reissuance, termination, or the notification of planned changes or anticipated noncompliance on the part of the Permittee does not stay the applicability or enforceability of any condition of this Permit.

#### **2. Conversions.**

The Director may, for cause or upon a written request from the Permittee, allow conversion of the well from a Class II injection well to a non-Class II well. Conversion may not proceed until the Permittee receives written approval from the Director. Conditions of such conversion may include but are not limited to, approval of the proposed well rework, follow up demonstration of mechanical integrity, well-specific monitoring and reporting following the conversion, and demonstration of practical use of the converted configuration.

#### **3. Transfer of Permit.**

Under 40 CFR 144.38, this Permit is transferable provided the current Permittee notifies the Director at least thirty (30) days in advance of the proposed transfer date (EPA Form 7520-7) and provides a written agreement between the existing and new Permittees containing a specific date for transfer of Permit responsibility, coverage and liability between them. The notice shall adequately demonstrate that the financial responsibility requirements of 40 CFR 144.52(a)(7) will be met by the new Permittee. The Director may require modification or revocation and reissuance of the Permit to change the name of the Permittee and incorporate such other requirements as may be necessary under the Safe Drinking Water Act; in some cases, modification or revocation and reissuance is mandatory.

#### **4. Permittee Change of Address.**

Upon the Permittee's change of address, or whenever the operator changes the address where monitoring records are kept, the Permittee must provide written notice to the Director within 30 days.

#### **5. Construction Changes, Workovers, Logging and Testing Data**

The Permittee shall give advance notice to the Director, and shall obtain the Director's written approval prior to any physical alterations or additions to the permitted facility. Alterations or workovers shall meet all conditions as set forth in this permit. The Permittee shall record any changes to the well construction on a Well Rework Record (EPA Form 7520-12), and shall provide this and any other record of well workovers, logging, or test data to EPA within sixty (60) days of completion of the activity.

Following the completion of any well workovers or alterations which affect the casing, tubing, or packer, a successful demonstration of mechanical integrity (Part III, Section F of this permit) shall be made, and written authorization from the Director received, prior to resuming injection activities.

### **Section C. SEVERABILITY**

The Provisions of this Permit are severable, and if any provision of this Permit or the application of any provision of this Permit to any circumstance, is held invalid, the application of such provision to other circumstances, and the remainder of this Permit shall not be affected thereby.

### **Section D. CONFIDENTIALITY**

In accordance with 40 CFR Part 2 and 40 CFR 144.5, information submitted to EPA pursuant to this Permit may be claimed as confidential by the submitter. Any such claim must be asserted at the time of submission by stamping the words "confidential business information" on each page containing such information. If no claim is made at the time of submission, EPA may make the information available to the public without further notice. If a claim is asserted, the validity of the claim will be assessed in accordance with the procedures in 40 CFR Part 2 (Public Information). Claims of confidentiality for the following information will be denied:

- The name and address of the Permittee, and
- information which deals with the existence, absence or level of contaminants in drinking water.

### **Section E. GENERAL PERMIT REQUIREMENTS**

#### **1. Duty to Comply.**

The Permittee must comply with all conditions of this Permit. Any noncompliance constitutes a violation of the Safe Drinking Water Act (SDWA) and is grounds for enforcement action; for Permit termination, revocation and reissuance, or modification; or for denial of a permit renewal application; except that the Permittee need not comply with the provisions of this Permit to the extent and for the duration such noncompliance is authorized in an emergency permit under 40 CFR 144.34. All violations of the SDWA may subject the Permittee to penalties and/or criminal prosecution as specified in Section 1423 of the SDWA.

**2. Duty to Reapply.**

If the Permittee wishes to continue an activity regulated by this Permit after the expiration date of this Permit, under 40 CFR 144.37 the Permittee must apply for a new permit prior to the expiration date.

**3. Need to Halt or Reduce Activity Not a Defense.**

It shall not be a defense for a Permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this Permit.

**4. Duty to Mitigate.**

The Permittee shall take all reasonable steps to minimize or correct any adverse impact on the environment resulting from noncompliance with this Permit.

**5. Proper Operation and Maintenance.**

The Permittee shall at all times properly operate and maintain all facilities and systems of treatment and control (and related appurtenances) which are installed or used by the Permittee to achieve compliance with the conditions of this Permit. Proper operation and maintenance includes effective performance, adequate funding, adequate operator staffing and training, and adequate laboratory and process controls, including appropriate quality assurance procedures. This provision requires the operation of back-up or auxiliary facilities or similar systems only when necessary to achieve compliance with the conditions of this Permit.

**6. Permit Actions.**

This Permit may be modified, revoked and reissued or terminated for cause. The filing of a request by the Permittee for a permit modification, revocation and reissuance, or termination, or a notification of planned changes or anticipated noncompliance, does not stay any permit condition.

**7. Property Rights.**

This Permit does not convey any property rights of any sort, or any exclusive privilege.

**8. Duty to Provide Information.**

The Permittee shall furnish to the Director, within a time specified, any information which the Director may request to determine whether cause exists for modifying, revoking and reissuing, or terminating this permit, or to determine compliance with this permit. The Permittee shall also furnish to the Director, upon request, copies of records required to be kept by this Permit. The Permittee is required to submit any information required by this Permit or by the Director to the mailing address designated in writing by the Director.

**9. Inspection and Entry.**

The Permittee shall allow the Director, or an authorized representative, upon the presentation of credentials and other documents as may be required by law, to:

- (a) Enter upon the Permittee's premises where a regulated facility or activity is located or conducted, or where records must be kept under the conditions of this Permit;

- (b) Have access to and copy, at reasonable times, any records that must be kept under the conditions of this Permit;
- (c) Inspect at reasonable times any facilities, equipment (including monitoring and control equipment), practices, or operations regulated or required under this Permit; and,
- (d) Sample or monitor at reasonable times, for the purpose of assuring permit compliance or as otherwise authorized by the SDWA, any substances or parameters at any location.

**10. Signatory Requirements.**

All applications, reports or other information submitted to the Director shall be signed and certified according to 40 CFR 144.32. This section explains the requirements for persons duly authorized to sign documents, and provides wording for required certification.

**11. Reporting Requirements.**

- (a) Planned changes. The Permittee shall give notice to the Director as soon as possible of any planned changes, physical alterations or additions to the permitted facility, and prior to commencing such changes.
- (b) Anticipated noncompliance. The Permittee shall give advance notice to the Director of any planned changes in the permitted facility or activity which may result in noncompliance with permit requirements.
- (c) Monitoring Reports. Monitoring results shall be reported at the intervals specified in this Permit.
- (d) Compliance schedules. Reports of compliance or noncompliance with, or any progress reports on, interim and final requirements contained in any compliance schedule of this Permit shall be submitted no later than 30 days following each schedule date.
- (e) Twenty-four hour reporting. The Permittee shall report to the Director any noncompliance which may endanger human health or the environment, including:
  - (i) Any monitoring or other information which indicates that any contaminant may cause endangerment to a USDW; or
  - (ii) Any noncompliance with a permit condition or malfunction of the injection system which may cause fluid migration into or between USDWs.

Information shall be provided, either directly or by leaving a message, within twenty-four (24) hours from the time the permittee becomes aware of the circumstances by telephoning (800) 227-8917 and requesting EPA Region VIII UIC Program Compliance and Technical Enforcement Director, or by contacting the EPA Region VIII Emergency Operations Center at (303) 293-1788.

In addition, a follow up written report shall be provided to the Director within five (5) days of the time the Permittee becomes aware of the circumstances. The written submission shall contain a description of the noncompliance and its cause, the period of noncompliance including exact dates and times, and if the noncompliance has not been corrected the anticipated time it is expected to continue; and the steps taken or planned to reduce, eliminate, and prevent recurrence of the noncompliance.

- (f) Oil Spill and Chemical Release Reporting: The Permittee shall comply with all reporting requirements related to the occurrence of oil spills and chemical releases by contacting the National Response Center (NRC) at (800) 424-8802, (202) 267-2675, or through the NRC website <http://www.nrc.uscg.mil/index.htm>.
- (g) Other Noncompliance. The Permittee shall report all instances of noncompliance not reported under paragraphs Part III, Section E Paragraph 11(b) or Section E, Paragraph 11(e) at the time the monitoring reports are submitted. The reports shall contain the information listed in Paragraph 11(e) of this Section.
- (h) Other information. Where the Permittee becomes aware that it failed to submit any relevant facts in the permit application, or submitted incorrect information in a permit application or in any report to the Director, the Permittee shall promptly submit such facts or information to the Director.

## **Section F. FINANCIAL RESPONSIBILITY**

### ***1. Method of Providing Financial Responsibility.***

The Permittee shall maintain continuous compliance with the requirement to maintain financial responsibility and resources to close, plug, and abandon the underground injection well(s). No substitution of a demonstration of financial responsibility shall become effective until the Permittee receives written notification from the Director that the alternative demonstration of financial responsibility is acceptable. The Director may, on a periodic basis, require the holder of a permit to revise the estimate of the resources needed to plug and abandon the well to reflect changes in such costs and may require the Permittee to provide a revised demonstration of financial responsibility.

### ***2. Insolvency.***

In the event of:

- (a) the bankruptcy of the trustee or issuing institution of the financial mechanism; or
- (b) suspension or revocation of the authority of the trustee institution to act as trustee; or

- (c) the institution issuing the financial mechanism losing its authority to issue such an instrument

the Permittee must notify the Director in writing, within ten (10) business days, and the Permittee must establish other financial assurance or liability coverage acceptable to the Director within sixty (60) days after any event specified in (a), (b), or (c) above.

The Permittee must also notify the Director by certified mail of the commencement of voluntary or involuntary proceedings under Title 11 (Bankruptcy), U.S. Code naming the owner or operator as debtor, within ten (10) business days after the commencement of the proceeding. A guarantor, if named as debtor of a corporate guarantee, must make such a notification as required under the terms of the guarantee.

## APPENDIX A

### WELL CONSTRUCTION REQUIREMENTS

#### FORMATION DATA:

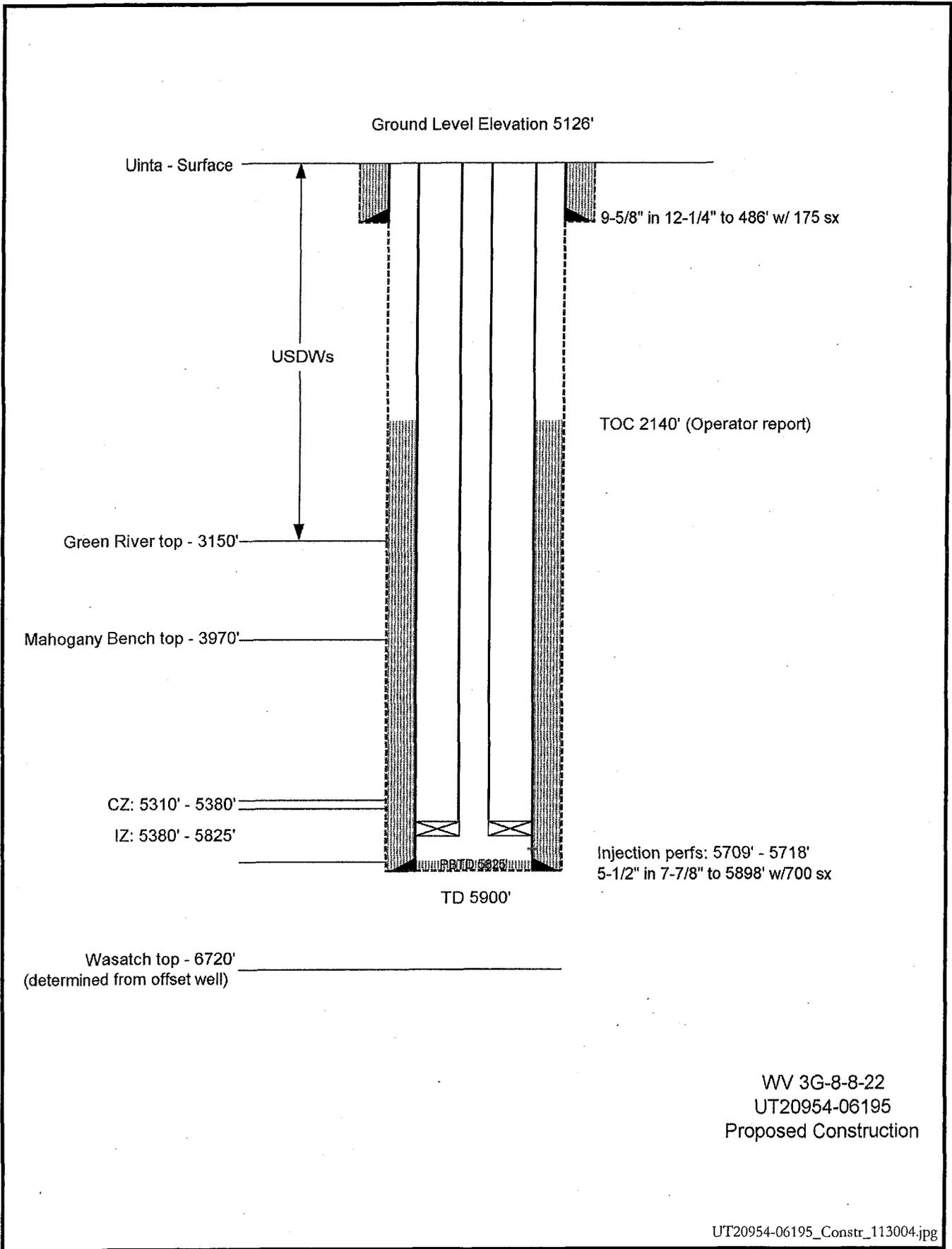
- \* Base of USDWs: Top of Green River Formation at 3150'
- \* Confining Zone: Green River Formation interval between 5310' - 5380'
- \* Permitted Injection Zone: Green River Formation interval between 5380 - 5825'
- \* Authorized Injection perforations: 5709 - 5718'

#### WELL CONSTRUCTION:

- \* 9-5/8" surface casing in 12-1/4" hole to 486' with 175 sx cement-
- \* 5-1/2" longstring casing in 7-7/8" hole to 5898' with 700 sx cement
- \* Perforations: Green River zone from 5709' - 5718'
- \* PBSD at 5825'
- \* Well TD at 5900'

#### WELLHEAD EQUIPMENT:

- \* Sampling tap located to enable sampling fluid in the injection tubing
- \* Sampling tap located to enable sampling fluid in the 2-7/8" x 5-1/2" annulus
- \* Pressure gauge isolated by 1/2" FIP shut-off valve or quick-connect and located to enable reading the pressure on the injection tubing
- \* Pressure gauge isolated by 1/2" FIP shut-off valve or quick-connect and located to enable reading the pressure on the 2-7/8" x 5-1/2" annulus
- \* Pressure actuated shut-off device located on the injection line, and set to prevent injection operations from exceeding the maximum allowable injection pressure
- \* Non-resettable cumulative volume recorder located on the injection line



## APPENDIX B

### LOGGING AND TESTING REQUIREMENTS

#### Logs.

Logs will be conducted according to current UIC guidance. It is the responsibility of the permittee to obtain and use guidance prior to conducting any well logging required as a condition of this permit.

#### NO LOGGING REQUIREMENTS

#### Tests.

Tests will be conducted according to current UIC guidance. It is the responsibility of the permittee to obtain and use guidance prior to conducting any well test required as a condition of this permit.

<b>WELL NAME:</b> WV 3G-8-8-22	
<b>TYPE OF TEST</b>	<b>DATE DUE</b>
Standard Annulus Pressure	Prior to beginning injection and at least once every five (5) years after the last successful demonstration of Part I Mechanical Integrity
Pore Pressure	Prior to beginning injection

## APPENDIX C

### OPERATING REQUIREMENTS

#### MAXIMUM ALLOWABLE INJECTION PRESSURE:

Maximum Allowable Injection Pressure (MAIP) as measured at the surface shall not exceed the pressure(s) listed below.

WELL NAME	MAXIMUM ALLOWED INJECTION PRESSURE (psi)
	ZONE 1 (Upper)
WV 3G-8-8-22	1,600

#### INJECTION INTERVAL(S):

Injection is permitted only within the approved injection interval listed below. Injection perforations may be altered provided they remain within the approved injection interval and the Permittee provides notice to the Director in accordance with Part II, Section A, Paragraph 6. Specific injection perforations can be found in Appendix A.

WELL NAME: WV 3G-8-8-22	APPROVED INJECTION INTERVAL (GL, ft)		FRACTURE GRADIENT (psi/ft)
	TOP	BOTTOM	
	FORMATION NAME		
Green River	5,380.00	5,825.00	0.733

#### ANNULUS PRESSURE:

The annulus pressure shall be maintained at zero (0) psi as measured at the wellhead. If this pressure cannot be maintained, the Permittee shall follow the procedures listed under Part II, Section C. 6. of this permit.

#### MAXIMUM INJECTION VOLUME:

There is no limitation on the number of barrels per day (bbls/day) of water that shall be injected into this well, provided further that in no case shall injection pressure exceed that limit shown in Appendix C.

## APPENDIX D

### MONITORING AND REPORTING PARAMETERS

This is a listing of the parameters required to be observed, recorded, and reported. Refer to the permit Part II, Section D, for detailed requirements for observing, recording, and reporting these parameters.

OBSERVE MONTHLY AND RECORD AT LEAST ONCE EVERY THIRTY DAYS	
<b>OBSERVE AND RECORD</b>	Injection pressure (psig)
	Annulus pressure(s) (psig)
	Injection rate (bbl/day)
	Fluid volume injected since the well began injecting (bbls)

ANNUALLY	
<b>ANALYZE</b>	Injected fluid total dissolved solids (mg/l)
	Injected fluid specific gravity
	Injected fluid specific conductivity
	Injected fluid pH

ANNUALLY	
<b>REPORT</b>	Each month's maximum and averaged injection pressures (psig)
	Each month's maximum and averaged annulus pressure(s) (psig)
	Each month's averaged injection rate (bbl/day)
	Fluid volume injected since the well began injecting (bbl)
	Written results of annual injected fluid analysis
	Sources of all fluids injected during the year

Records of all monitoring activities must be retained and made available for inspection at the following location:

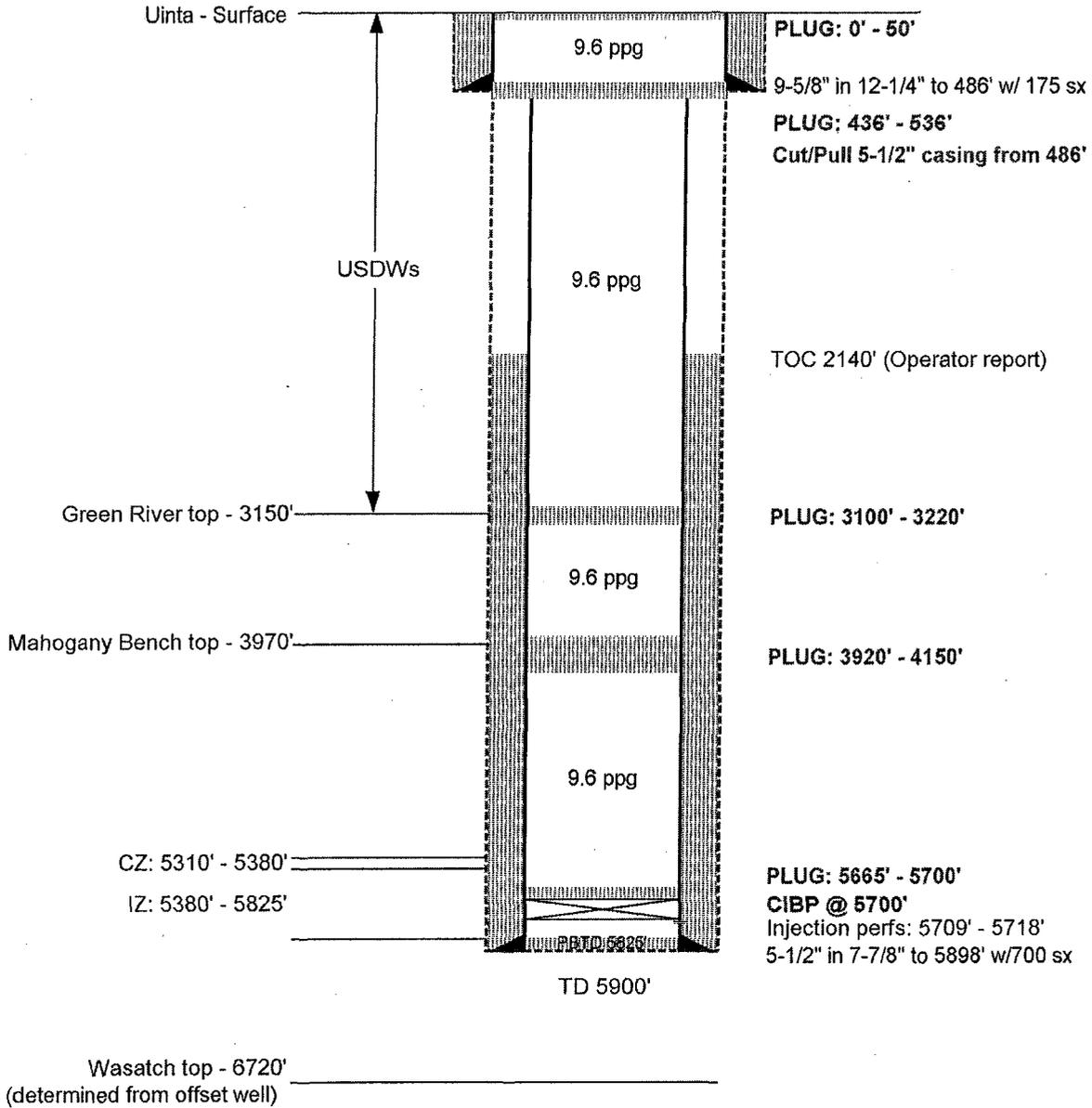
**QEP Uinta Basin, Inc.  
11002 East 17500 South  
Vernal, UT 84078**

## APPENDIX E

### PLUGGING AND ABANDONMENT REQUIREMENTS

Perform Mechanical Integrity Test  
Pull tubing and packer  
Repair any casing leaks  
Circulate well with 9.6 ppg drilling mud or plugging gel  
Set Cast Iron Bridge Plug (CIBP) at 5700'  
Place 35' of cement on top of plug  
Place cement plug in the interval 3920'-4150'  
Tag top of plug and report location  
Place cement plug in the interval 3100'-3220'  
Tag top of plug and report location  
Cut and pull 5-1/2" casing from 486'  
Place cement plug across base of surface casing in the interval 436'-536'  
Tag top of plug and report location  
Place cement plug in the interval from the surface to 50'

Ground Level Elevation 5126'



WV 3G-8-8-22  
UT20954-06195  
Proposed P&A

UT20954-06195\_PAPlan\_113004.jpg

## APPENDIX F

### CORRECTIVE ACTION REQUIREMENTS

No corrective action is necessary. All wells in the area of review have been cemented in a manner which will prevent injection fluids from contaminating USDWs.

# STATEMENT OF BASIS

**QEP UINTA BASIN, INC.  
WV 3G-8-8-22  
UINTAH COUNTY, UT**

**EPA PERMIT NO. UT20954-06195**

**CONTACT:** Chuck Tinsley  
U. S. Environmental Protection Agency  
Ground Water Program, 8P-W-GW  
999 18th Street, Suite 300  
Denver, Colorado 80202-2466  
Telephone: 1-800-227-8917 ext. 6266

This STATEMENT OF BASIS gives the derivation of site-specific UIC Permit conditions and reasons for them. Referenced sections and conditions correspond to sections and conditions in the Permit.

UIC Permits specify the conditions and requirements for construction, operation, monitoring and reporting, and plugging of injection wells to prevent the movement of fluids into underground sources of drinking water (USDWs). Under 40 CFR 144 Subpart D, certain conditions apply to all UIC Permits and may be incorporated either expressly or by reference. General Permit conditions for which content is mandatory and not subject to site-specific differences (40 CFR Parts 144, 146 and 147) are not discussed in this document.

Upon the Effective Date when issued, the Permit authorizes the conversion and operation of a "new" injection well or wells governed by the conditions specified in the Permit. The Permit is issued for the operating life of the injection well or project unless terminated for reasonable cause under 40 CFR 144.39, 144.40 and 144.41. The Permit is subject to EPA review at least once every five (5) years to determine if action is required under 40 CFR 144.36(a).

## PART I. General Information and Description of Facility

QEP Uinta Basin, Inc.  
11002 East 17500 South  
Vernal, UT 84078

on

July 21, 2003

submitted an application for an Underground Injection Control (UIC) Program Permit for the following injection well or wells:

WV 3G-8-8-22  
730 FNL 2021 FWL, NENW S8, T8S, R22E  
Uintah County, UT

Regulations specific to Uintah-Ouray Indian Reservation injection wells are found at 40 CFR 147 Subpart TT.

The Permit application, including the required information and data necessary to issue a UIC Permit in accordance with 40 CFR Parts 144, 146 and 147, was reviewed by EPA and determined to be complete.

The Permit will expire upon delegation of primary enforcement responsibility (primacy) for applicable portions of the UIC Program to the Ute Indian Tribe or the State of Utah unless the delegated agency has the authority and chooses to adopt and enforce this Permit as a Tribal or State Permit.

TABLE 1.1 shows the status of the well or wells as "New", "Existing", or "Conversion" and for Existing shows the original date of injection operation. Well authorization "by rule" under 40 CFR Part 144 Subpart C expires automatically on the Effective Date of an issued UIC Permit.

<b>CONVERSION WELLS</b>		
<b>Well Name</b>	<b>Well Status</b>	<b>Date of Operation</b>
WV 3G-8-8-22	Conversion	N/A

## Hydrogeologic Setting

## Geologic Setting (TABLE 2.1)

### THE UINTA FORMATION (0'-3150')

The Uinta Formation is calcareous shale, some limestone, claystone, siltstone, and sandstone. It is a fluvial facies in the eastern and western ends of the basin that interfingers with rocks similar in appearance to the overlying Duchesne River Formation. It grades laterally into thinner bedded calcareous lake deposits in the center of the basin.

The Uinta is very low to very high permeability. Largest primary intergranular permeability of the sandstone seems to be about the same as that of the median for sandstone in the Duchesne River Formation. Most of the formation is finer grained, and, therefore, of lower primary permeability than the Duchesne River Formation. Permeability is greatly increased where the Uinta Formation is fractured. In most of the area, the formation yields only a few gallons per minute of saline water to wells and springs. In some areas the water has high fluoride and boron concentrations. Locally, flowing wells yield fresh to slightly saline water. In the fluvial facies, particularly where the rocks are fractured, yields are larger.

### THE GREEN RIVER FORMATION (3150'-6720') (base determined from offset well)

The Green River Formation is mostly lacustrine shale that contains some limestone, marlstone, and siltstone. The formation includes beds of oil shale and of carbonate evaporite. The Green River interfingers with both the overlying Uinta and the underlying Wasatch Formations, as well as laterally with other formations near the edges of the basin.

The Green River Formation is very low to low permeability except where fractured. Sandstones near oil-shale beds have values of transmissivity from 0.9 to 2.4 sq ft/day. In most of the basin the formation yields only saline or briny water, though in and near the areas of outcrop in the southern part of the basin the water is fresh to slightly saline, and in the area of the outcrop near Strawberry Reservoir the water is fresh where the formation is fractured.

### THE WASATCH FORMATION (top at 6720') (top determined from offset well)

In most of the basin, the Wasatch Formation is mainly lacustrine shale, sandstone, and conglomerate. It interfingers with the overlying and underlying formations and laterally with the North Horn, Currant Creek, and Green River Formations. The Wasatch outcrops only in the far eastern end of the northern Uinta Basin and in the canyons of deeply incised streams in the southern Uinta Basin.

The Wasatch Formation is very low to low permeability except where fractured. In the Greater Altamont-Bluebell oil field, the Wasatch sands reportedly have only 4 to 5 percent porosity, but are permeable because of fracturing. Much of the water produced with petroleum is moderately saline to very saline; generally, however, the water is less mineralized than is water from the Green River Formation.

**TABLE 2.1  
GEOLOGIC SETTING  
WV 3G-8-8-22**

Formation Name	Top (ft)	Base (ft)	TDS (mg/l)	Lithology
Uintah	0.00	3,150.00	< 10,000.00	The Uinta Formation is calcareous shale, some limestone, claystone, siltstone, and sandstone.
Green River	3,150.00	6,720.00	< 60,000.00	The Green River Formation is mostly lacustrine shale that contains some limestone, marlstone, and siltstone.

**Proposed Injection Zone(s) (TABLE 2.2)**

An injection zone is a geological formation, group of formations, or part of a formation that receives fluids through a well. The proposed injection zones are listed in TABLE 2.2.

Injection will occur into an injection zone that is separated from USDWs by the confining zone which is free of known open faults or fractures within the Area of Review.

**TABLE 2.2  
INJECTION ZONES  
WV 3G-8-8-22**

Formation Name	Top (ft)	Base (ft)	TDS (mg/l)	Fracture Gradient (psi/ft)	Porosity	Exempted?*
Green River	5,380.00	5,825.00		0.733		E

\* C - Currently Exempted  
 E - Previously Exempted  
 P - Proposed Exemption  
 N/A - Not Applicable

**Confining Zone(s) (TABLE 2.3)**

A confining zone is a geological formation, part of a formation, or a group of formations that limits fluid movement above the injection zone. The confining zone or zones are listed in TABLE 2.3.

**TABLE 2.3**  
**CONFINING ZONES**  
WV 3G-8-8-22

Formation Name	Formation Lithology	Top (ft)	Base (ft)
Green River	The Green River Formation is mostly lacustrine shale that contains some limestone, marlstone, and siltstone.	5,310.00	5,380.00

**Underground Sources of Drinking Water (USDWs) (TABLE 2.4)**

Aquifers or the portions thereof which contain less than 10,000 mg/l total dissolved solids (TDS) and are being or could in the future be used as a source of drinking water are considered to be USDWs. The USDWs in the area of this facility are identified in TABLE 2.4.

**TABLE 2.4**  
**UNDERGROUND SOURCES OF DRINKING WATER (USDW)**  
WV 3G-8-8-22

Formation Name	Formation Lithology	Top (ft)	Base (ft)	TDS (mg/l)
Uintah	The Uinta Formation is calcareous shale, some limestone, claystone, siltstone, and sandstone.	0.00	3,150.00	< 10,000.00

**PART III. Well Construction (40 CFR 146.22)**

**TABLE 3.1**  
**WELL CONSTRUCTION REQUIREMENTS**  
WV 3G-8-8-22

Casing Type	Hole Size (in)	Casing Size (in)	Cased Interval (ft)	Cemented Interval (ft)
Longstring	7.88	5.50	0.00 - 5,898.00	2,140.00 - 5,900.00
Surface	12.25	9.68	0.00 - 486.00	0.00 - 486.00

The approved well completion plan will be incorporated into the Permit as APPENDIX A and will be binding on the Permittee. Modification of the approved plan is allowed under 40 CFR 144.52(a)(1) provided written approval is obtained from the Director prior to actual modification.

**Casing and Cementing (TABLE 3.1)**

The construction plan for the well or wells proposed for conversion to an injection well was evaluated and determined to be in conformance with standard practices and guidelines that ensure well injection does not result in the movement of fluids into USDWs. Well construction and

conversion details for the well or wells are shown in TABLE 3.1.

**Tubing and Packer**

Injection tubing is required to be installed from a packer up to the surface inside the well casing. The packer will be set above the uppermost perforation. The tubing and packer are designed to prevent injection fluid from coming into contact with the outermost casing.

**Tubing-Casing Annulus (TCA)**

The TCA allows the casing, tubing and packer to be pressure-tested periodically for mechanical integrity, and will allow for detection of leaks. The TCA will be filled with fresh water treated with a corrosion inhibitor or other fluid approved by the Director.

**Monitoring Devices**

The permittee will be required to install and maintain wellhead equipment allowing for monitoring pressures and providing access for sampling the injected fluid. This equipment includes: 1) shut-off valves located at the wellhead on the injection tubing and on the TCA; 2) a flow meter that measures the cumulative volume of injected fluid; 3) pressure gauges attached to the injection tubing and the TCA to monitor the injection and TCA pressure; and 4) a tap on the injection line, isolated by shut-off valves, for sampling the injected fluid.

All sampling and measurement taken for monitoring must be representative of the monitored activity.

**PART IV. Area of Review, Corrective Action Plan (40 CFR 144.55)**

Well Name	Type	Status (Abandoned Y/N)	Total Depth (ft)	TOC Depth (ft)	CAP Required (Y/N)
2W-8-8-22	Producer	No	8,200.00	583.00	No
WV 3W-8-8-22	Producer	No	8,100.00	2,476.00	No
WV 6W-8-8-22	Producer	No	8,130.00	790.00	No
WVU #2	Producer	Yes	5,670.00	4,926.00	No

TABLE 4.1 lists the wells in the Area of Review ("AOR") and shows the well type, operating status, depth, top of casing cement ("TOC") and whether a Corrective Action Plan ("CAP") is required for the well.

**Area Of Review**

Applicants for Class I, II (other than "existing" wells) or III injection well Permits are required to identify the location of all known wells within the injection well's Area of Review (AOR) which penetrate the injection zone, or in the case of Class II wells operating over the fracture pressure of the formation, all known wells within the area of review that penetrate formations which may be affected by increased pressure. Under 40 CFR 146.6 the AOR may be a fixed radius of not less than one quarter (1/4) mile or a calculated zone of endangering influence. For Area Permits, a

fixed width of not less than one quarter (1/4) mile for the circumscribing area may be used.

### Corrective Action Plan

For wells in the AOR which are improperly sealed, completed, or abandoned, the applicant shall develop a Corrective Action Plan (CAP) consisting of the steps or modifications that are necessary to prevent movement of fluid into USDWs.

The CAP will be incorporated into the Permit as APPENDIX F and become binding on the permittee.

TABLE 4.1 lists the wells in the AOR, and shows the well type, operating status, depth, top of casing cement and whether a CAP is required for this well.

## PART V. Well Operation Requirements (40 CFR 146.23)

<b>Formation Name</b>	<b>Depth Used to Calculate MAIP (ft)</b>	<b>Fracture Gradient (psi/ft)</b>	<b>Initial MAIP (psi)</b>
Green River	5,380.00	0.733	1,600

### Approved Injection Fluid

The approved injection fluid is limited to fluids which meet requirements pursuant to 40 CFR § 144.6(b). For disposal wells injecting water brought to the surface in connection with natural gas storage operations, or conventional oil or natural gas production, the fluid may be commingled and the well used to inject other Class II wastes such as drilling fluids and spent well completion, treatment and stimulation fluid. Non-exempt wastes, including unused fracturing fluids or acids, gas plant cooling tower cleaning wastes, service wastes and vacuum truck wastes, are not approved.

This well is NOT approved for commercial brine injection, industrial waste fluid disposal or injection of hazardous waste as defined by CFR 40 Part 261.

### Injection Pressure Limitation

Injection pressure, measured at the wellhead, shall not exceed a maximum calculated to assure that the pressure used during injection does not initiate new fractures or propagate existing fractures in the confining zones adjacent to the USDWs.

The applicant submitted injection fluid density and injection zone data which was used to calculate a formation fracture pressure and to determine the maximum allowable injection pressure (MAIP), as measured at the surface, for this Permit,

TABLE 5.1 lists the fracture gradient for the injection zone and the approved MAIP, determined according to the following formula:

$$FP = [fg - (0.433 * sg)] * d$$

FP = formation fracture pressure (measured at surface)

fg = fracture gradient (from submitted data or tests)

sg = specific gravity (of injected fluid)

d = depth to top of injection zone (or top perforation)

### **Injection Volume Limitation**

Cumulative injected fluid volume limits are set to assure that injected fluids remain within the boundary of the exempted area. Cumulative injected fluid volume is limited when injection occurs into an aquifer that has been exempted from protection as a USDW.

### **Mechanical Integrity (40 CFR 146.8)**

An injection well has mechanical integrity if:

1. there is no significant leak in the casing, tubing, or packer (Part I); and
2. there is no significant fluid movement into a USDW through vertical channels adjacent to the injection well bore (Part II).

The Permit prohibits injection into a well which lacks mechanical integrity.

The Permit requires that the well demonstrate mechanical integrity prior to injection and periodically thereafter. A demonstration of mechanical integrity includes both internal (Part I) and external (Part II). The methods and frequency for demonstrating Part I and Part II mechanical integrity are dependant upon well-specific conditions as explained below:

Well construction and site-specific conditions dictate the following requirements for Mechanical Integrity (MI) demonstrations:

Part I MI - Internal MI will be demonstrated prior to beginning injection. Since this well is constructed with a standard casing, tubing, and packer configuration, a successful test is required to take place at least once every five (5) years. A demonstration of Part I MI is also required prior to resuming injection following any workover operation that affects the casing, tubing, or packer.

Part II MI - Cement records for this well show that adequate cement was placed in the well. The CBL confirms that this cement meets or exceeds minimum requirements needed to demonstrate zone isolation (at least 18 feet of continuous 80% bond, or better) through the confining zone. The CBL for this well shows 70 feet of 80% or greater bond through the confining interval 5310'-5380'. Therefore, further testing for Part II MI will not be required.

## **PART VI. Monitoring, Recordkeeping and Reporting Requirements**

### **Injection Well Monitoring Program**

At least once a year the permittee must analyze a sample of the injected fluid for total dissolved solids (TDS), specific conductivity, pH, and specific gravity. This analysis shall be reported to EPA annually as part of the Annual Report to the Director. Any time a new source of injected fluid is added, a fluid analysis shall be made of the new source.

Instantaneous injection pressure, injection flow rate, cumulative fluid volume and TCA pressures

must be observed on a weekly basis. A recording, at least once every thirty (30) days, must be made of the injection pressure, injection flow rate and cumulative fluid volume, and the maximum and average value for each must be determined for each month. This information is required to be reported annually as part of the Annual Report to the Director.

## **PART VII. Plugging and Abandonment Requirements (40 CFR 146.10)**

### **Plugging and Abandonment Plan**

Prior to abandonment, the well or wells must be plugged with cement in a manner which will not allow the movement of fluids either into or between USDWs. The plugging and abandonment plan is described in Appendix E of the Permit.

## **PART VIII. Financial Responsibility (40 CFR 144.52)**

### **Demonstration of Financial Responsibility**

The permittee is required to maintain financial responsibility and resources to close, plug, and abandon the underground injection operation in a manner prescribed by the Director. The permittee shall show evidence of such financial responsibility to the Director by the submission of a surety bond, or other adequate assurance such as financial statements or other materials acceptable to the Director. The Regional Administrator may, on a periodic basis, require the holder of a lifetime permit to submit a revised estimate of the resources needed to plug and abandon the well to reflect inflation of such costs, and a revised demonstration of financial responsibility if necessary. Initially, the operator has chosen to demonstrate financial responsibility with:

Surety Bond, received April 11, 2003
--------------------------------------

Evidence of continuing financial responsibility is required to be submitted to the Director annually.



United States Environmental Protection Agency  
Washington, DC 20460

### Application To Transfer Permit

Name and Address of Existing Permittee	Name and Address of Surface Owner

<p>Locate Well and Outline Unit on Section Plat - 640 Acres</p>	State <input type="text"/>	County <input type="text"/>	Permit Number <input type="text"/>														
	Surface Location Description <input type="text"/> 1/4 of <input type="text"/> 1/4 of <input type="text"/> 1/4 of <input type="text"/> 1/4 of Section <input type="text"/> Township <input type="text"/> Range <input type="text"/>																
	Locate well in two directions from nearest lines of quarter section and drilling unit  Surface Location <input type="text"/> ft. frm (N/S) <input type="text"/> Line of quarter section and <input type="text"/> ft. from (E/W) <input type="text"/> Line of quarter section.																
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<input type="checkbox"/> Other																	
<input type="checkbox"/> Operating																	
<input type="checkbox"/> Modification/Conversion																	
<input type="checkbox"/> Proposed																	
<input type="checkbox"/> Individual																	
<input type="checkbox"/> Area																	
Number of Wells <input type="text"/>																	

Name(s) and Address(es) of New Owner(s)	Name and Address of New Operator

**Attach to this application a written agreement between the existing and new permittee containing a specific date for transfer of permit responsibility, coverage, and liability between them.**

**The new permittee must show evidence of financial responsibility by the submission of a surety bond, or other adequate assurance, such as financial statements or other materials acceptable to the Director.**

#### Certification

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

Name and Official Title (Please type or print)	Signature	Date Signed

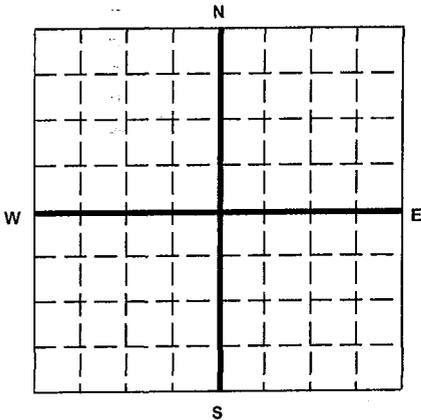


United States Environmental Protection Agency  
Washington, DC 20460

## ANNUAL DISPOSAL/INJECTION WELL MONITORING REPORT

Name and Address of Existing Permittee	Name and Address of Surface Owner
--	-----------------------------------

Locate Well and Outline Unit on Section Plat - 640 Acres



State	County	Permit Number
-------	--------	---------------

Surface Location Description  
 1/4 of  1/4 of  1/4 of  1/4 of Section  Township  Range

Locate well in two directions from nearest lines of quarter section and drilling unit

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

<b>WELL ACTIVITY</b> <input type="checkbox"/> Brine Disposal <input type="checkbox"/> Enhanced Recovery <input type="checkbox"/> Hydrocarbon Storage	<b>TYPE OF PERMIT</b> <input type="checkbox"/> Individual <input type="checkbox"/> Area Number of Wells <input type="text"/>
Lease Name <input style="width: 60%;" type="text"/> Well Number <input style="width: 20%;" type="text"/>	

		INJECTION PRESSURE		TOTAL VOLUME INJECTED		TUBING -- CASING ANNULUS PRESSURE (OPTIONAL MONITORING)	
MONTH	YEAR	AVERAGE PSIG	MAXIMUM PSIG	BBL	MCF	MINIMUM PSIG	MAXIMUM PSIG

### Certification

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

Name and Official Title <i>(Please type or print)</i>	Signature	Date Signed
---	-----------	-------------

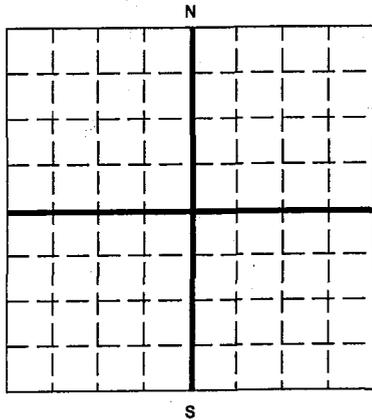


United States Environmental Protection Agency  
Washington, DC 20460

### PLUGGING AND ABANDONMENT PLAN

Name and Address of Facility	Name and Address of Owner/Operator
------------------------------	------------------------------------

Locate Well and Outline Unit on Section Plat - 640 Acres



State	County	Permit Number
-------	--------	---------------

Surface Location Description  
 1/4 of  1/4 of  1/4 of  1/4 of Section  Township  Range

Locate well in two directions from nearest lines of quarter section and drilling unit

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

<p>TYPE OF AUTHORIZATION</p> <input type="checkbox"/> Individual Permit <input type="checkbox"/> Area Permit <input type="checkbox"/> Rule  Number of Wells <input type="text"/>  Lease Name <input type="text"/>	<p>WELL ACTIVITY</p> <input type="checkbox"/> CLASS I <input type="checkbox"/> CLASS II <input type="checkbox"/> Brine Disposal <input type="checkbox"/> Enhanced Recovery <input type="checkbox"/> Hydrocarbon Storage <input type="checkbox"/> CLASS III  Well Number <input type="text"/>
---	---

CASING AND TUBING RECORD AFTER PLUGGING					METHOD OF EMPLACEMENT OF CEMENT PLUGS	
SIZE	WT (LB/FT)	TO BE PUT IN WELL (FT)	TO BE LEFT IN WELL (FT)	HOLE SIZE		
					<input type="checkbox"/> The Balance Method	
					<input type="checkbox"/> The Dump Bailer Method	
					<input type="checkbox"/> The Two-Plug Method	
					<input type="checkbox"/> 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 (inche							
Depth to Bottom of Tubing or Drill Pipe (ft)							
Sacks of Cement To Be Used (each plug)							
Slurry Volume To Be Pumped (cu. ft.)							
Calculated Top of Plug (ft.)							
Measured Top of Plug (if tagged ft.)							
Slurry Wt. (Lb./Gal.)							
Type Cement or Other Material (Class III)							

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

Estimated Cost to Plug Wells

#### Certification

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

Name and Official Title (Please type or print)	Signature	Date Signed
--	-----------	-------------

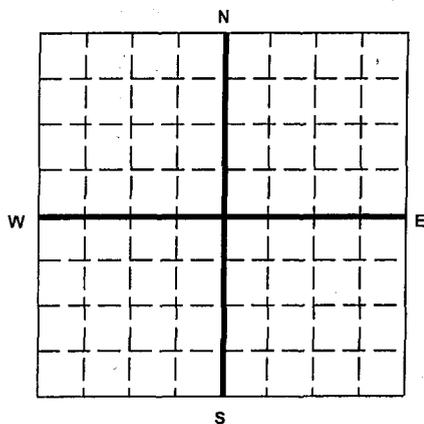


United States Environmental Protection Agency  
Washington, DC 20460

### WELL REWORK RECORD

Name and Address of Permittee	Name and Address of Contractor
-------------------------------	--------------------------------

Locate Well and Outline Unit on Section Plat - 640 Acres



State	County	Permit Number
Surface Location Description <input type="checkbox"/> 1/4 of <input type="checkbox"/> 1/4 of <input type="checkbox"/> 1/4 of <input type="checkbox"/> 1/4 of Section <input type="checkbox"/> Township <input type="checkbox"/> Range <input type="checkbox"/>		
Locate well in two directions from nearest lines of quarter section and drilling unit		
Surface Location <input type="checkbox"/> ft. frm (N/S) <input type="checkbox"/> Line of quarter section and <input type="checkbox"/> ft. from (E/W) <input type="checkbox"/> Line of quarter section.		
<b>WELL ACTIVITY</b> <input type="checkbox"/> Brine Disposal <input type="checkbox"/> Enhanced Recovery <input type="checkbox"/> Hydrocarbon Storage  Lease Name <input type="text"/>	Total Depth Before Rework <input type="text"/>  Total Depth After Rework <input type="text"/>  Date Rework Commenced <input type="text"/>  Date Rework Completed <input type="text"/>	<b>TYPE OF PERMIT</b> <input type="checkbox"/> Individual <input type="checkbox"/> Area Number of Wells <input type="text"/>  Well Number <input type="text"/>

#### WELL CASING RECORD -- BEFORE REWORK

Casing		Cement		Perforations		Acid or Fracture Treatment Record
Size	Depth	Sacks	Type	From	To	

#### WELL CASING RECORD -- AFTER REWORK (Indicate Additions and Changes Only)

Casing		Cement		Perforations		Acid or Fracture Treatment Record
Size	Depth	Sacks	Type	From	To	

DESCRIBE REWORK OPERATIONS IN DETAIL  
USE ADDITIONAL SHEETS IF NECESSARY

WIRE LINE LOGS, LIST EACH TYPE

Log Types	Logged Intervals

#### Certification

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

Name and Official Title (Please type or print)	Signature	Date Signed
--	-----------	-------------



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION VIII

999 18th STREET - SUITE 300  
DENVER, COLORADO 80202-2466

**SUBJECT: GROUND WATER SECTION GUIDANCE NO. 35**

Procedures to follow when excessive annular pressure is observed on a well.

**FROM:** Tom Pike, Chief  
UIC Direct Implementation Section

**TO:** All Section Staff  
Montana Operations Office

The following procedure is intended as an aid to UIC field inspectors when they encounter excessive annular pressure on a well. Excessive annular pressure is defined as 100 psi or 10% of the tubing pressure, whichever is less.

Usually, annular pressure is a direct indication of a loss of mechanical integrity. In some instances, recurring annular pressure may be caused by fluctuations in the temperature of the injected fluid. These temperature fluctuations may cause the annular pressure to increase when a hot fluid is being injected and decrease as the temperature of the injected fluid cools. The presence of temperature-induced pressure on the annulus does not indicate a malfunction in the casing/tubing/packer system and is not considered a loss of mechanical integrity. Wells exhibiting recurring temperature-induced annular pressure may be allowed to continue injecting if a temperature monitoring program is approved and followed.

This guidance was written to help determine the cause of annular pressure. When the procedures in this guidance are followed, any major mechanical integrity problems (a breach in the casing/tubing/packer system) will become apparent quickly. A quick determination will allow the operator to begin follow-up procedures immediately to prevent contamination to USDWs.

Use Section Guidance No. 35 to determine if the well has experienced a loss of mechanical integrity. If you find that there is a loss of mechanical integrity, use *Headquarters Guidance No. 76. - Follow-up to loss of Mechanical Integrity for Class II Wells* to bring the well back into compliance. The use of Section Guidance No. 35 is not to be confused with, nor does it supersede any provision of Headquarters Guidance No. 76. Instead, the two guidance documents are meant to work together to identify and to remedy any potential mechanical integrity failure.

A flowchart for Section Guidance No. 35 is included for quick reference in the field.



<p><u>Does Pressure Return to the Annulus after 15 Minutes?</u></p>	<p style="text-align: center;"><u>YES</u></p> <p>On your inspection form, note the annulus and tubing pressures recorded after 15 minutes.</p> <p>Have the operator shut the well in for 2 hours, and if possible, bleed pressure from the injection tubing. Record the tubing and annulus pressure after two hours.</p> <p>Bleed off the annulus for 60 seconds. Record the tubing and annulus pressures after bleed-off, and estimate the volume bled off.</p> <p>INFORM THE OPERATOR THAT THE WELL HAS AN APPARENT MECHANICAL INTEGRITY FAILURE and provide the operator with the guidance that discusses OPERATOR RESPONSIBILITIES FOLLOWING MECHANICAL INTEGRITY FAILURES.</p> <p><b>END PROCEDURE.</b></p>	<p style="text-align: center;"><u>NO</u></p> <p>Require the operator to monitor and report to EPA with the annulus and tubing pressures for at least 14 days to see if pressure returns to the annulus.</p> <p>Instruct the operator to contact EPA as soon as any pressure returns to the annulus.</p>
<p><u>DOES PRESSURE RETURN TO THE ANNULUS WITHIN 14 DAYS?</u></p>	<p style="text-align: center;"><u>YES</u></p> <p>EPA Technical Expert will design a proper Mechanical Integrity test.</p> <p>Compliance officer will require the operator to conduct the test within 14 days.</p>	<p style="text-align: center;"><u>NO</u></p> <p>The well is considered to have mechanical integrity.</p> <p><b>END PROCEDURE.</b></p>
<p><u>Does the Well Pass the MIT?</u></p>	<p style="text-align: center;"><u>YES</u></p> <p>Require the operator to monitor and report to EPA with the annulus and tubing pressures for at least 14 days to see if pressure returns to the annulus.</p>	<p style="text-align: center;"><u>NO</u></p> <p>INFORM THE OPERATOR THAT THE WELL HAS AN APPARENT MECHANICAL INTEGRITY FAILURE and provide the operator with the guidance that discusses OPERATOR RESPONSIBILITIES FOLLOWING MECHANICAL INTEGRITY FAILURES.</p>



## 14-DAY PRESSURE MONITORING

Please use this form to report data for a 14-day period after pressure is bled from the tubing-casing annulus. Please telephone EPA in Denver as soon as possible when/if pressure returns to the annulus. This data will be used to determine the cause(s) of recurrent annular pressure.

NOTE: DO NOT BLEED PRESSURE FROM ANNULUS DURING THE 14-DAY MONITORING PERIOD.

	DATE	TIME	ANNULUS PRESSURE (psi)	TUBING PRESSURE (psi)	WELL INJECTING (YES/NO)
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					

WELL NAME: \_\_\_\_\_

OPERATOR: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_

DATE: \_\_\_\_\_





UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION VIII

999 18th STREET - SUITE 300  
DENVER, COLORADO 80202-2466

**SUBJECT:** GROUND WATER SECTION GUIDANCE NO. 34  
Cement bond logging techniques and interpretation

**FROM:** Tom Pike, Chief  
UIC Direct Implementation Section

**TO:** All Section Staff  
Montana Operations Office

These procedures are to be followed when running and interpreting cement bond logs for injection and production (area of review) wells.

PART I - PREPARE THE WELL

**Allow cement to cure for a sufficient time to develop full compressive strength.** A safe bet is to let the cement cure for 72 hours. If you run the bond log before the cement achieves its maximum compressive strength, the log may show poor bonding. Check cement handbooks for curing times.

**Circulate the hole with a fluid (either water or mud) of uniform consistency.** Travel times are influenced by the type of fluid in the hole. If the fluid changes between two points, the travel times may "drift," causing difficulty in interpretation and quality control.

**Be prepared to run the cement bond log under pressure to reduce the effects of micro-annulus.** Micro-annulus may be caused by several reasons, but the existence of a micro-annulus does not necessarily destroy the cement's ability to form a hydraulic seal. If the log shows poor bonding, rerun the log with the slightly more pressure on the casing as was present when the cement cured. This will cause the casing to expand against the cement and close the micro-annulus.

PART II - PARAMETERS TO LOG

**Amplitude (mV)** - This curve shows how much acoustic signal reaches a receiver and is an important indicator of cement bond. Record the amplitude on the 3 foot spaced receiver.

**Travel time ( $\mu$ s)** - This curve shows the amount of time it takes an acoustic signal to travel between the source and a receiver. For free pipe of a given size and weight, the travel time between points is very predictable, although



## PART IV - QUALITY CONTROL

Compare the tool calibration data to see if the tool "drifts" during logging. Differences in the calibration data may require you to re-log the well to obtain reliable data.

Compare repeat sections to see if logging results are repeatable.

Check the logged free pipe travel times with the service company charts for the specific tool and casing size used. Since the travel times depend on such factors as casing weight, type of fluid in the hole, etc., these charts should be used only as guidelines. When you are confident of the free-pipe travel times as seen on the log, use them. When interpreting the log, a decrease in travel time (faster times) with simultaneous reduction of amplitude may show a de-centered tool. A 4 to 5 micro-second ( $\mu\text{s}$ ) decrease in travel time corresponds to about a 35% loss of amplitude. A decrease in travel time more than 4 to 5  $\mu\text{s}$  is unacceptable.

## PART V - LOG INTERPRETATION

Do not rely on the service company charts for amplitudes corresponding to a good bond. These amplitudes depend on many factors: type of cement used, fluid in the hole, etc.

To estimate bond index, choose intervals on the log that correspond to 0% bond and 100% bond. Read the amplitude corresponding to 100% bond from the best-bonded interval on the log (NOTE: the accuracy of this amplitude reading is very critical to the bond index calculations). Next, find the amplitude corresponding to 0% bond. Some bond logs may not include a section with free pipe. In this instance, choose the appropriate free-pipe travel time from the service company charts for your specific tool, or from the generalized chart (TABLE 2) at the end of this guidance. To calculate a bond index of 80%, use the following equation:

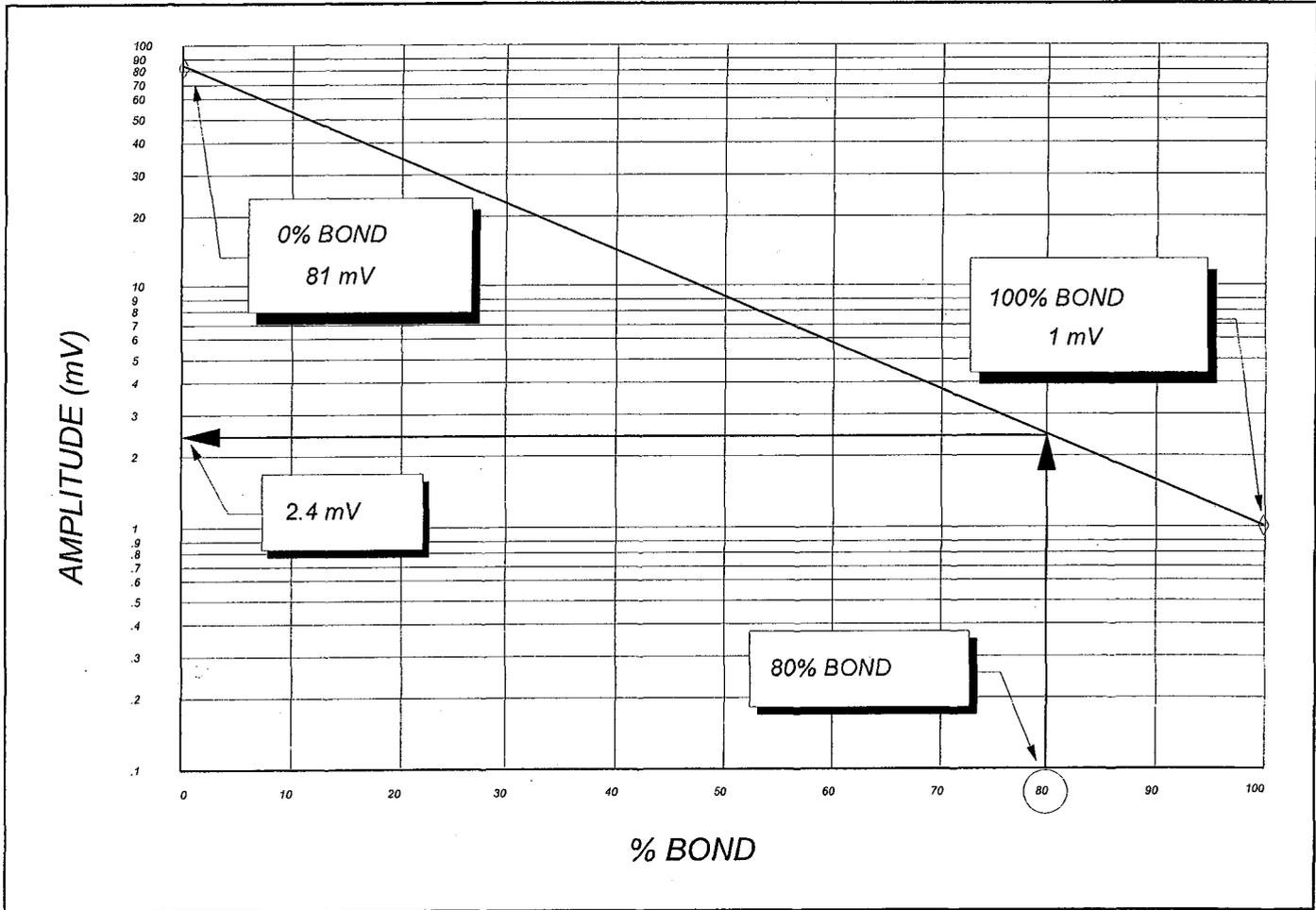
$$A_{80} = 10^{[(0.2)\log(A_0) + (0.8)\log(A_{100})]}$$

where:

$A_{80}$  = Amplitude at 80% bond (mV)



Using the values from the example above, your chart will look like that shown below:



In this example, 80% bond shows an amplitude of 2.4 mV.

A convenient way to evaluate the log is to draw a line on the bond log's **amplified** amplitude (5X) track corresponding to the calculated 80% bond amplitude. Whenever the logged **amplified** amplitude (5X) curve drops below (to the left of) the drawn line, this indicates a bond of 80% or more.

#### PART IV - CONCLUSIONS - REMINDERS

Different pipe weights and cement types will affect the log readings, so be mindful of these factors in wells with varying pipe weights and staged cement or squeeze jobs.



TABLE 2 - TRAVEL TIMES AND AMPLITUDES FOR FREE PIPE  
(3 FT RECEIVER)

CASING SIZE (in)	CASING WEIGHT (lb/ft)	TRAVEL TIME ( $\mu$ s)		AMPLITUDE (mV)
		1-11/16" TOOL	3-5/8" TOOL	
4-1/2	9.5	252	233	81
	11.6	250	232	81
	13.5	249	230	81
5	15.0	257	238	76
	18.0	255	236	76
	20.3	253	235	76
5-1/2	15.5	266	248	72
	17.0	265	247	72
	20.0	264	245	72
	23.0	262	243	72
7	23.0	291	271	62
	26.0	289	270	62
	29.0	288	268	62
	32.0	286	267	62
	35.0	284	265	62
	38.0	283	264	62
7-5/8	26.4	301	281	59
	29.7	299	280	59
	33.7	297	278	59
	39.0	295	276	59
9-5/8	40.0	333	313	51
	43.5	332	311	51
	47.0	330	310	51
	53.5	328	309	51
10-3/4	40.5	354	333	48
	45.5	352	332	48
	51.0	350	330	48
	55.5	349	328	48





UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION VIII

999 18th STREET - SUITE 300  
DENVER, COLORADO 80202-2466

**SUBJECT:** GROUND WATER SECTION GUIDANCE NO. 37  
Demonstrating Part II (external) Mechanical Integrity  
for a Class II injection well permit.

**FROM:** Tom Pike, Chief  
UIC Direct Implementation Section

**TO:** All Section Staff  
Montana Operations Office

During the review for a Class II injection well permit, consideration must be given to the mechanical integrity (MI) of the well. MI demonstrates that the well is in sound condition and that the well is constructed in a manner that prevents injected fluids from entering any formation other than the authorized injection formation.

A demonstration of MI is a two part process:

PART I - **INTERNAL MECHANICAL INTEGRITY** is an assurance that there are no significant leaks in the casing/tubing/packer system.

PART II - **EXTERNAL MECHANICAL INTEGRITY** demonstrates that after fluid is injected into the formation, the injected fluids will not migrate out of the authorized injection interval through vertical channels adjacent to the wellbore.

A Class II injection well may demonstrate Part II MI by showing that injected fluids remain within the authorized injection interval. This may be accomplished as follows:

- 1) Cement bond log showing 80% bond through the an appropriate interval (Section Guidance 34),
- 2) Radioactive tracer survey conducted according to a EPA-approved procedure, or
- 3) Temperature survey conducted according to a EPA-approved procedure (Section Guidance 38).

For each test option above, the operator of the injection well should submit a plan for conducting the test. The plan will then be approved (or modified and approved) by EPA. EPA's pre-approval of the testing method will assure the operator that the



FCD:June 6, 1994:RCT/RCT/K:\GUIDANCE.37





UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION VIII

999 18th STREET - SUITE 300  
DENVER, COLORADO 80202-2466

**SUBJECT: GROUND WATER SECTION GUIDANCE NO. 39**

Pressure testing injection wells for Part I (internal)  
Mechanical Integrity

FROM: Tom Pike, Chief  
UIC Direct Implementation Section

TO: All Section Staff  
Montana Operations Office

Introduction

The Underground Injection Control (UIC) regulations require that an injection well have mechanical integrity at all times (40 CFR 144.28 (f)(2) and 40 CFR 144.51 (q)(1)). A well has mechanical integrity (40 CFR 146.8) if:

- (1) There is no significant leak in the tubing, casing or packer; and
- (2) There is no significant fluid movement into an underground source of drinking water (USDW) through vertical channels adjacent to the injection wellbore.

**Definition: Mechanical Integrity Pressure Test for Part I.** A pressure test used to determine the integrity of all the down hole components of an injection well, usually tubing, casing and packer. It is also used to test tubing cemented in the hole by using a tubing plug or retrievable packer. Pressure tests must be run at least once every five years. **If for any reason the tubing/packer is pulled, the injection well is required to pass another mechanical integrity test of the tubing casing and packer prior to recommencing injection regardless of when the last test was conducted. Tests run by operators in the absence of an EPA inspector must be conducted according to these procedures and recorded on either the attached form or an equivalent form containing the necessary information. A pressure recording chart documenting the actual annulus test pressures must be attached to the form.**

This guidance addresses making a determination of Part I of Mechanical Integrity (no leaks in the tubing, casing or packer). The Region's policy is: 1) to determine if there are significant leaks in the tubing, casing or packer; 2) to assure that the casing can withstand pressure similar to that which



depending on well specific conditions (See Region VIII UIC Section Guidance #36);

5. Class II wells which have been temporarily abandoned (TAd) must be pressure tested after being shut-in for two years; and
6. Class III uranium extraction wells; initially.

#### Test Pressure

To assure that the test pressure will detect significant leaks and that the casing is subjected to pressure similar to that which would be applied if the tubing or packer fails, the tubing/casing annulus should be tested at a pressure equal to the maximum allowed injection pressure or 1000 psig whichever is less. The annular test pressure must, however, have a difference of at least 200 psig either greater or less than the injection tubing pressure. Wells which inject at pressures of less than 300 psig must test at a minimum pressure of 300 psig, and the pressure difference between the annulus and the injection tubing must be at least 200 psi.

#### Test Criteria

1. The duration of the pressure test is 30 minutes.
2. Both the annulus and tubing pressures should be monitored and recorded every five (5) minutes.
3. If there is a pressure change of 10 percent or more from the initial test pressure during the 30 minute duration, the well has failed to demonstrate mechanical integrity and should be shut-in until it is repaired or plugged.
4. A pressure change of 10 percent or more is considered significant. If there is no significant pressure change in 30 minutes from the time that the pressure source is disconnected from the annulus, the test may be completed as passed.

#### Recordkeeping and Reporting

The test results must be recorded on the attached form. The annulus pressure should be recorded at five (5) minute intervals. Tests run by operators in the absence of an EPA inspector must be conducted according to these procedures and recorded on the attached form or an equivalent form and a pressure recording



6. Read tubing pressure and record on the form. If the well is shut-in, the reported information on the actual maximum operating pressure should be used to determine test pressures.
7. Read pressure on the casing/tubing annulus and record value on the form. If there is pressure on the annulus, it should be bled off prior to the test. If the pressure will not bleed-off, the guidance on well failures (Region VIII UIC Section Guidance #35) should be followed.
8. Ask the operator for the date of the last workover and the volume of fluid added to the annulus prior to this test and record information on the form.
9. Hook-up well to pressure source and apply pressure until test value is reached.
10. Immediately disconnect pressure source and start test time (If there has been a significant drop in pressure during the process of disconnection, the test may have to be restarted). The pressure gages used to monitor injection tubing pressure and annulus pressure should have a pressure range which will allow the test pressure to be near the mid-range of the gage. Additionally, the gage must be of sufficient accuracy and scale to allow an accurate reading of a 10 percent change to be read. For instance, a test pressure of 600 psi should be monitored with a 0 to 1000 psi gage. The scale should be incremented in 20 psi increments.
11. Record tubing and annulus pressure values every five (5) minutes.
12. At the end of the test, record the final tubing pressure.
13. If the test fails, check the valves, bull plugs and casing head close up for possible leaks. The well should be retested.
14. If the second test indicates a well failure, the Region should be informed of the failure within 24 hours by the operator, and the well should be shut-in within 48 hours per Headquarters guidance #76. A follow-up letter should be prepared by the operator which outlines the cause of the MIT failure and proposes a potential course of action. This report should be





S. L. Tomkinson  
 Phone: 435-781-4308  
 Fax: 435-781-4329  
 Email: [Stephanie.Tomkinson@questar.com](mailto:Stephanie.Tomkinson@questar.com)

DOG M  
**FILE COPY**

Questar Exploration and Production Company

11002 East 17500 South  
 Vernal, UT 84078  
 Tel 435 781 4300 • Fax 435 781 4329

October 3, 2005

Via Certified Mail: 7003 2260 0007 1318 6954

Nathan Wiser (8ENF-UFO)  
 UIC Program  
 U.S. EPA, Region VIII  
 999 18<sup>th</sup> Street, Suite 300  
 Denver, Colorado 80202-2466

*RE: Notice of Completion of Construction  
 for  
 WV 3G-8-8-22  
 EPA # UT20954-06195  
 API #43-047-34596  
 Location: NENW Section 8 T8S R22E*

Accepted by the  
 Utah Division of  
 Oil, Gas and Mining  
**FOR RECORD ONLY**

Dear Mr. Wiser:

QEP Uinta Basin, Inc. (QEP) has completed construction for the subject well. Included with this notification are a successful Mechanical Integrity Test and a Well Rework Record (Form 7520-12). QEP requests permission to commence injection.

If you have any questions or require additional information, please call me at 435-781-4308.

Sincerely,

Stephanie L. Tomkinson  
 Regulatory Affairs Technician

Enclosures: MIT Casing or Annulus Pressure Test Form  
 MIT Results Spreadsheet with Pressure Test Chart  
 Form 7520-12 – Well Rework Record

**RECEIVED**  
**OCT 04 2005**

DIV. OF OIL, GAS & MINING

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

U.S. Department of the Interior  
 Bureau of Land Management  
 Vernal District Office  
 170 South 500 East  
 Vernal, Utah 84078  
 Attn: Mr. Matthew Baker

# MECHANICAL INTEGRITY TEST CASING OR ANNULUS PRESSURE TEST

U.S. ENVIRONMENTAL PROTECTION AGENCY  
UNDERGROUND INJECTION CONTROL PROGRAM, UIC IMPLEMENTATION SECTION (8P-W-GW)  
999 18TH STREET, SUITE 300, DENVER, CO. 80202-2466

EPA WITNESS: NONE DATE: 9/13/2005 TIME: 3:00  AM  PM

TEST CONDUCTED BY: Dennis J. Paulson (Questar)

OTHERS PRESENT: Tom Walls (Rocky Mtn. Well) Tod Seiffert (Questar)

API NUMBER: 43-047-34596 EPA ID NUMBER: UT20954-06195

WELL NAME: <u>WV 3G-8-8-22</u>	TYPE: <input checked="" type="checkbox"/> ER <input type="checkbox"/> SWD	STATUS: <input checked="" type="checkbox"/> AC <input type="checkbox"/> TA <input type="checkbox"/> UC
FIELD: <u>Wonsits Valley</u>		
WELL LOCATION: <u>NENW Section 8-T8S-R22E</u> <input type="checkbox"/> N <input type="checkbox"/> S	<input type="checkbox"/> E <input type="checkbox"/> W	COUNTY: <u>UINTAH</u> STATE: <u>UTAH</u>
OPERATOR: <u>QEP UINTA BASIN INC.</u>		
LAST MIT: <u>new</u>	MAXIMUM ALLOWABLE PRESSURE: <u>1600</u>	PSIG

IS THIS A REGULAR SCHEDULED TEST?  YES  NO

INITIAL TEST FOR PERMIT?  YES  NO

TEST AFTER WELL WORK?  YES  NO

WELL INJECTING DURING TEST?  YES  NO IF YES, RATE: \_\_\_\_\_ BPD

PRE-TEST CASING/TUBING ANNULUS PRESSURE: 0 :PSIG

MIT DATA TABLE TUBING	TEST #1	TEST #2	TEST #3
	PRESSURE		
INITIAL PRESSURE	0 PSIG	PSIG	PSIG
END OF TEST PRESSURE	0 PSIG	PSIG	PSIG

CASING/TUBING	ANNULUS	TUBING	TUBING
0 MINUTES	1185.8 @15:03:23 PSIG	0 PSIG	PSIG
5 MINUTES	1177.2 @15:08:20 PSIG	0 PSIG	PSIG
10 MINUTES	1174.4 @15:13:26 PSIG	0 PSIG	PSIG
15 MINUTES	1172.9 @15:18:23 PSIG	0 PSIG	PSIG
20 MINUTES	1172.0 @15:23:29 PSIG	0 PSIG	PSIG
25 MINUTES	1171.6 @ 15:28:26 PSIG	0 PSIG	PSIG
30 MINUTES	1171.4 @15:33:32 PSIG	0 PSIG	PSIG
MINUTES	PSIG	PSIG	PSIG
MINUTES	PSIG	PSIG	PSIG
<b>RESULT</b>	<input checked="" type="checkbox"/> PASS <input type="checkbox"/> FAIL	<input type="checkbox"/> PASS <input type="checkbox"/> FAIL	<input type="checkbox"/> PASS <input type="checkbox"/> FAIL

DOES THE ANNULUS PRESSURE BUILD BACK UP AFTER THE TEST?  YES  NO

3000	PSIG	2404-1	10	FEB	5			
DATE	MONTH	YEAR	TIME	FILE	SAMPLE	CASING PSIG	TUBING PSIG	AMBIENT TEMP.
13	SEP	2005	15:00:41	1	1	0		70
13	SEP	2005	15:00:50	1	2	0		70
13	SEP	2005	15:00:59	1	3	0		70
13	SEP	2005	15:01:08	1	4	0		70
13	SEP	2005	15:01:17	1	5	0		70
13	SEP	2005	15:01:26	1	6	0		70
13	SEP	2005	15:01:35	1	7	0		70
13	SEP	2005	15:01:44	1	8	0		70
13	SEP	2005	15:01:53	1	9	122.85		70
13	SEP	2005	15:02:02	1	10	354.58		70
13	SEP	2005	15:02:11	1	11	493.59		70
13	SEP	2005	15:02:20	1	12	800.6		70
13	SEP	2005	15:02:29	1	13	1182		70
13	SEP	2005	15:02:38	1	14	1177.8		70
13	SEP	2005	15:02:47	1	15	1197.9		70
13	SEP	2005	15:02:56	1	16	1203		72
13	SEP	2005	15:03:05	1	17	1180.8		72
13	SEP	2005	15:03:14	1	18	1193.6		72
13	SEP	2005	15:03:23	1	19	1185.8	0	72
13	SEP	2005	15:03:32	1	20	1184.4		72
13	SEP	2005	15:03:41	1	21	1186.9		72
13	SEP	2005	15:03:51	1	22	1182		72
13	SEP	2005	15:04:00	1	23	1183.4		72
13	SEP	2005	15:04:08	1	24	1182.7		72
13	SEP	2005	15:04:17	1	25	1183.1		72
13	SEP	2005	15:04:26	1	26	1182.6		72
13	SEP	2005	15:04:35	1	27	1181.8		73
13	SEP	2005	15:04:44	1	28	1181.9		73
13	SEP	2005	15:04:53	1	29	1181.3		73
13	SEP	2005	15:05:02	1	30	1181.3		73
13	SEP	2005	15:05:11	1	31	1180.9		73
13	SEP	2005	15:05:20	1	32	1180.6		73
13	SEP	2005	15:05:29	1	33	1180.4		73
13	SEP	2005	15:05:38	1	34	1180.2		73
13	SEP	2005	15:05:47	1	35	1180		73
13	SEP	2005	15:05:56	1	36	1179.8		73
13	SEP	2005	15:06:05	1	37	1179.6		73
13	SEP	2005	15:06:14	1	38	1179.4		73
13	SEP	2005	15:06:23	1	39	1179.1		75
13	SEP	2005	15:06:32	1	40	1179		75
13	SEP	2005	15:06:41	1	41	1178.8		75
13	SEP	2005	15:06:50	1	42	1178.7		75
13	SEP	2005	15:06:59	1	43	1178.5		75
13	SEP	2005	15:07:08	1	44	1178.4		75
13	SEP	2005	15:07:17	1	45	1178.3		75
13	SEP	2005	15:07:26	1	46	1178.1		75
13	SEP	2005	15:07:35	1	47	1178		75
13	SEP	2005	15:07:44	1	48	1177.8		75
13	SEP	2005	15:07:54	1	49	1177.7		75

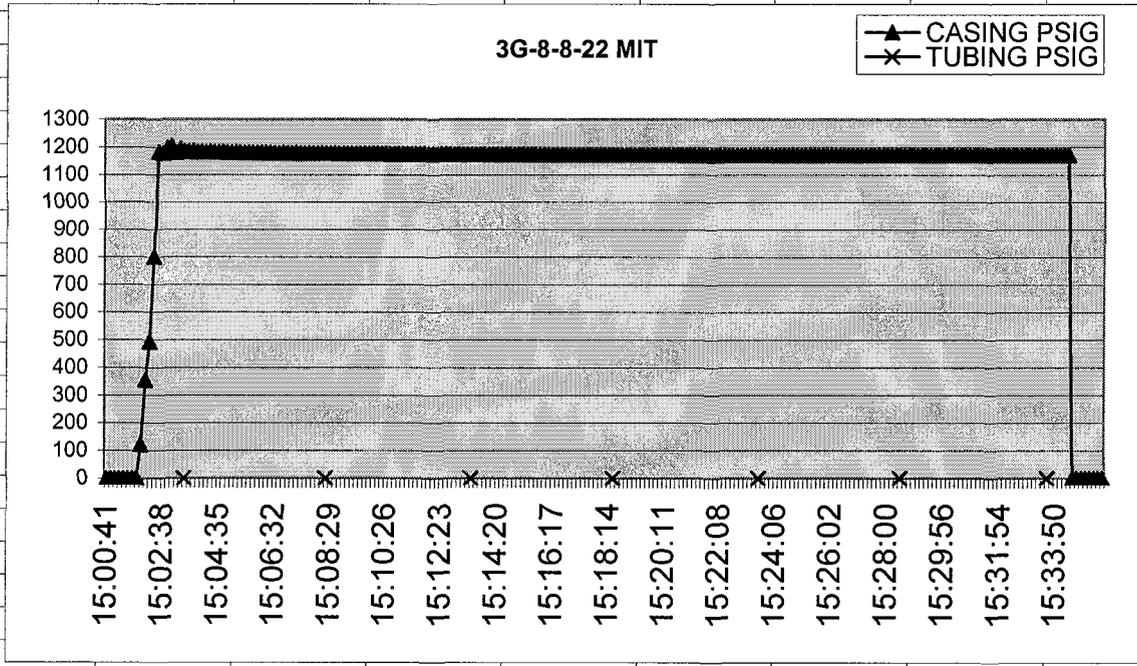
3000 PSIG		2404-1	10 FEB	5				
DATE	MONTH	YEAR	TIME	FILE	SAMPLE	CASING PSIG	TUBING PSIG	AMBIENT TEMP.
13	SEP	2005	15:08:03	1	50	1177.6		75
13	SEP	2005	15:08:11	1	51	1177.5		75
13	SEP	2005	15:08:20	1	52	1177.2	0	77
13	SEP	2005	15:08:29	1	53	1177.1		77
13	SEP	2005	15:08:38	1	54	1177		77
13	SEP	2005	15:08:47	1	55	1176.9		77
13	SEP	2005	15:08:56	1	56	1176.8		77
13	SEP	2005	15:09:05	1	57	1176.7		77
13	SEP	2005	15:09:14	1	58	1176.6		77
13	SEP	2005	15:09:23	1	59	1176.5		77
13	SEP	2005	15:09:32	1	60	1176.4		77
13	SEP	2005	15:09:41	1	61	1176.3		77
13	SEP	2005	15:09:50	1	62	1176.2		77
13	SEP	2005	15:09:59	1	63	1176.1		77
13	SEP	2005	15:10:08	1	64	1176		77
13	SEP	2005	15:10:17	1	65	1176		77
13	SEP	2005	15:10:26	1	66	1175.9		77
13	SEP	2005	15:10:35	1	67	1175.8		77
13	SEP	2005	15:10:44	1	68	1175.7		77
13	SEP	2005	15:10:53	1	69	1175.7		77
13	SEP	2005	15:11:02	1	70	1175.6		77
13	SEP	2005	15:11:11	1	71	1175.5		77
13	SEP	2005	15:11:20	1	72	1175.4		77
13	SEP	2005	15:11:29	1	73	1175.4		77
13	SEP	2005	15:11:38	1	74	1175.3		77
13	SEP	2005	15:11:47	1	75	1175.2		77
13	SEP	2005	15:11:57	1	76	1175		79
13	SEP	2005	15:12:06	1	77	1174.9		79
13	SEP	2005	15:12:14	1	78	1174.9		79
13	SEP	2005	15:12:23	1	79	1174.8		79
13	SEP	2005	15:12:32	1	80	1174.8		79
13	SEP	2005	15:12:41	1	81	1174.7		79
13	SEP	2005	15:12:50	1	82	1174.6		79
13	SEP	2005	15:12:59	1	83	1174.6		79
13	SEP	2005	15:13:08	1	84	1174.5		79
13	SEP	2005	15:13:17	1	85	1174.5		79
13	SEP	2005	15:13:26	1	86	1174.4	0	79
13	SEP	2005	15:13:35	1	87	1174.3		79
13	SEP	2005	15:13:44	1	88	1174.3		79
13	SEP	2005	15:13:53	1	89	1174.3		79
13	SEP	2005	15:14:02	1	90	1174.2		79
13	SEP	2005	15:14:11	1	91	1174.1		79
13	SEP	2005	15:14:20	1	92	1174.1		79
13	SEP	2005	15:14:29	1	93	1174.1		79
13	SEP	2005	15:14:38	1	94	1174		79
13	SEP	2005	15:14:47	1	95	1174		79
13	SEP	2005	15:14:56	1	96	1173.9		79
13	SEP	2005	15:15:05	1	97	1173.9		79
13	SEP	2005	15:15:14	1	98	1173.8		79

3000 PSIG		2404-1	10 FEB		5				
DATE	MONTH	YEAR	TIME	FILE	SAMPLE	CASING PSIG	TUBING PSIG	AMBIENT TEMP.	
13	SEP	2005	15:15:23	1	99	1173.6		81	
13	SEP	2005	15:15:32	1	100	1173.6		81	
13	SEP	2005	15:15:41	1	101	1173.6		81	
13	SEP	2005	15:15:51	1	102	1173.5		81	
13	SEP	2005	15:16:00	1	103	1173.5		81	
13	SEP	2005	15:16:08	1	104	1173.4		81	
13	SEP	2005	15:16:17	1	105	1173.4		81	
13	SEP	2005	15:16:26	1	106	1173.4		81	
13	SEP	2005	15:16:35	1	107	1173.3		81	
13	SEP	2005	15:16:44	1	108	1173.3		81	
13	SEP	2005	15:16:53	1	109	1173.2		81	
13	SEP	2005	15:17:02	1	110	1173.2		81	
13	SEP	2005	15:17:11	1	111	1173.2		81	
13	SEP	2005	15:17:20	1	112	1173.1		81	
13	SEP	2005	15:17:29	1	113	1173.1		81	
13	SEP	2005	15:17:38	1	114	1173		81	
13	SEP	2005	15:17:47	1	115	1173		81	
13	SEP	2005	15:17:56	1	116	1173		81	
13	SEP	2005	15:18:05	1	117	1173		81	
13	SEP	2005	15:18:14	1	118	1172.9		81	
13	SEP	2005	15:18:23	1	119	1172.9	0	81	
13	SEP	2005	15:18:32	1	120	1172.9		81	
13	SEP	2005	15:18:41	1	121	1172.8		81	
13	SEP	2005	15:18:50	1	122	1172.8		81	
13	SEP	2005	15:18:59	1	123	1172.8		81	
13	SEP	2005	15:19:08	1	124	1172.7		81	
13	SEP	2005	15:19:17	1	125	1172.7		81	
13	SEP	2005	15:19:26	1	126	1172.7		81	
13	SEP	2005	15:19:35	1	127	1172.7		81	
13	SEP	2005	15:19:44	1	128	1172.7		81	
13	SEP	2005	15:19:54	1	129	1172.6		81	
13	SEP	2005	15:20:03	1	130	1172.6		81	
13	SEP	2005	15:20:11	1	131	1172.6		81	
13	SEP	2005	15:20:20	1	132	1172.5		81	
13	SEP	2005	15:20:29	1	133	1172.5		81	
13	SEP	2005	15:20:38	1	134	1172.5		81	
13	SEP	2005	15:20:47	1	135	1172.5		81	
13	SEP	2005	15:20:56	1	136	1172.3		82	
13	SEP	2005	15:21:05	1	137	1172.3		82	
13	SEP	2005	15:21:14	1	138	1172.3		82	
13	SEP	2005	15:21:23	1	139	1172.3		82	
13	SEP	2005	15:21:32	1	140	1172.2		82	
13	SEP	2005	15:21:41	1	141	1172.3		82	
13	SEP	2005	15:21:50	1	142	1172.2		82	
13	SEP	2005	15:21:59	1	143	1172.2		82	
13	SEP	2005	15:22:08	1	144	1172.2		82	
13	SEP	2005	15:22:17	1	145	1172.1		82	
13	SEP	2005	15:22:26	1	146	1172.1		82	
13	SEP	2005	15:22:35	1	147	1172.1		82	

3000	PSIG	2404-1	10	FEB	5			
DATE	MONTH	YEAR	TIME	FILE	SAMPLE	CASING PSIG	TUBING PSIG	AMBIENT TEMP.
13	SEP	2005	15:22:44	1	148	1172.1		82
13	SEP	2005	15:22:53	1	149	1172.1		82
13	SEP	2005	15:23:02	1	150	1172		82
13	SEP	2005	15:23:11	1	151	1172		82
13	SEP	2005	15:23:20	1	152	1172		82
13	SEP	2005	15:23:29	1	153	1172	0	82
13	SEP	2005	15:23:38	1	154	1172		82
13	SEP	2005	15:23:47	1	155	1172		82
13	SEP	2005	15:23:57	1	156	1172		82
13	SEP	2005	15:24:06	1	157	1171.9		82
13	SEP	2005	15:24:14	1	158	1171.9		82
13	SEP	2005	15:24:23	1	159	1171.9		82
13	SEP	2005	15:24:32	1	160	1171.9		82
13	SEP	2005	15:24:41	1	161	1171.9		82
13	SEP	2005	15:24:50	1	162	1171.8		82
13	SEP	2005	15:24:59	1	163	1171.8		82
13	SEP	2005	15:25:08	1	164	1171.8		82
13	SEP	2005	15:25:17	1	165	1171.8		82
13	SEP	2005	15:25:26	1	166	1171.8		82
13	SEP	2005	15:25:35	1	167	1171.8		82
13	SEP	2005	15:25:44	1	168	1171.7		82
13	SEP	2005	15:25:53	1	169	1171.7		82
13	SEP	2005	15:26:02	1	170	1171.7		82
13	SEP	2005	15:26:11	1	171	1171.7		82
13	SEP	2005	15:26:20	1	172	1171.7		82
13	SEP	2005	15:26:29	1	173	1171.7		82
13	SEP	2005	15:26:38	1	174	1171.7		82
13	SEP	2005	15:26:47	1	175	1171.7		82
13	SEP	2005	15:26:56	1	176	1171.7		82
13	SEP	2005	15:27:05	1	177	1171.7		82
13	SEP	2005	15:27:14	1	178	1171.7		82
13	SEP	2005	15:27:23	1	179	1171.6		82
13	SEP	2005	15:27:32	1	180	1171.6		82
13	SEP	2005	15:27:41	1	181	1171.6		82
13	SEP	2005	15:27:51	1	182	1171.6		82
13	SEP	2005	15:28:00	1	183	1171.6		82
13	SEP	2005	15:28:08	1	184	1171.6		82
13	SEP	2005	15:28:17	1	185	1171.6		82
13	SEP	2005	15:28:26	1	186	1171.6	0	82
13	SEP	2005	15:28:35	1	187	1171.6		82
13	SEP	2005	15:28:44	1	188	1171.6		82
13	SEP	2005	15:28:53	1	189	1171.6		82
13	SEP	2005	15:29:02	1	190	1171.6		82
13	SEP	2005	15:29:11	1	191	1171.6		82
13	SEP	2005	15:29:20	1	192	1171.5		82
13	SEP	2005	15:29:29	1	193	1171.5		82
13	SEP	2005	15:29:38	1	194	1171.5		82
13	SEP	2005	15:29:47	1	195	1171.5		82
13	SEP	2005	15:29:56	1	196	1171.5		82

3000	PSIG	2404-1	10	FEB	5			
DATE	MONTH	YEAR	TIME	FILE	SAMPLE	CASING PSIG	TUBING PSIG	AMBIENT TEMP.
13	SEP	2005	15:30:05	1	197	1171.5		82
13	SEP	2005	15:30:14	1	198	1171.5		82
13	SEP	2005	15:30:23	1	199	1171.5		82
13	SEP	2005	15:30:32	1	200	1171.5		82
13	SEP	2005	15:30:41	1	201	1171.5		82
13	SEP	2005	15:30:50	1	202	1171.4		82
13	SEP	2005	15:30:59	1	203	1171.5		82
13	SEP	2005	15:31:08	1	204	1171.4		82
13	SEP	2005	15:31:17	1	205	1171.5		82

3000 PSIG		2404-1	10	FEB	5	CASING PSIG	TUBING PSIG	AMBIENT TEMP.
DATE	MONTH	YEAR	TIME	FILE	SAMPLE	PSIG	PSIG	TEMP.
13	SEP	2005	15:31:26	1	206	1171.4		82
13	SEP	2005	15:31:35	1	207	1171.4		82
13	SEP	2005	15:31:44	1	208	1171.4		82
13	SEP	2005	15:31:54	1	209	1171.4		82
13	SEP	2005	15:32:03	1	210	1171.4		82
13	SEP	2005	15:32:11	1	211	1171.4		82
13	SEP	2005	15:32:20	1	212	1171.4		82
13	SEP	2005	15:32:29	1	213	1171.4		82
13	SEP	2005	15:32:38	1	214	1171.4		82
13	SEP	2005	15:32:47	1	215	1171.4		82
13	SEP	2005	15:32:56	1	216	1171.4		82
13	SEP	2005	15:33:05	1	217	1171.4		82
13	SEP	2005	15:33:14	1	218	1171.4		82
13	SEP	2005	15:33:23	1	219	1171.4		82
13	SEP	2005	15:33:32	1	220	1171.4	0	82
13	SEP	2005	15:33:41	1	221	1171.3		84
13	SEP	2005	15:33:50	1	222	1171.3		84
13	SEP	2005	15:33:59	1	223	1171.3		84
13	SEP	2005	15:34:08	1	224	1171.3		84
13	SEP	2005	15:34:17	1	225	1171.3		84
13	SEP	2005	15:34:26	1	226	0		84
13	SEP	2005	15:34:35	1	227	0		84
13	SEP	2005	15:34:44	1	228	0		84
13	SEP	2005	15:34:53	1	229	0		84
13	SEP	2005	15:35:02	1	230	0		84
13	SEP	2005	15:35:11	1	231	0		84
13	SEP	2005	15:35:20	1	232	0		84
13	SEP	2005	15:35:29	1	233	0		84



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460

**WELL REWORK RECORD**

<b>NAME AND ADDRESS OF PERMITTEE</b> QEP Uinta Basin, Inc 11002 East 17500 South Vernal, UT 84078	<b>NAME AND ADDRESS OF CONTRACTOR</b> Rocky Mountain Well Service 105 South St. (PO Box 311) Rangley, CO 81648
--	---

Locate Well and Outline Unit on Section Plat - 640 Acres	STATE UTAH	COUNTY Uintah	PERMIT NUMBER UT20954-06195
--	---------------	------------------	--------------------------------

SURFACE LOCATION DESCRIPTION NE 1/4 of NW 1/4 of Section 8 Township 8S Range 22E	LOCATE WELL IN TWO DIRECTIONS FROM NEAREST LINES OF QUARTER SECTION AND DRILLING UNIT Surface Location <u>730</u> ft. From (N/S) <u>FNL</u> Line of Quarter Section And <u>2021</u> ft. From (E/W) <u>FWL</u> Line of Quarter Section
---	---

WELLS ACTIVITY <input type="checkbox"/> Brine Disposal <input checked="" type="checkbox"/> Enhanced Recovery <input type="checkbox"/> Hydrocarbon Storage Lease Name	Total Depth Before Rework 5900' Total Depth After Rework 5900' Date Rework Commenced 9/12/2005 Date Rework Completed 9/14/2005	TYPE OF PERMIT <input checked="" type="checkbox"/> Individual <input type="checkbox"/> Area Number of Wells <u>1</u> Well Number WV 3G-8-8-22
--	---	--

WELL CASING RECORD - BEFORE REWORK						
Casing		Cement		Perforations		Acid or Fracture Treatment Record
Size	Depth	Sacks	Type	From	To	
9-5/8"	484'	175	K-55	5709'	5718'	
5-1/2"	5898	700	J-55			

WELL CASING RECORD - AFTER REWORK (Indicate Additions and Changes Only)						
Casing		Cement		Perforations		Acid or Fracture Treatment Record
Size	Depth	Sacks	Type	From	To	

DESCRIBE REWORK OPERATIONS IN DETAIL USE ADDITIONAL SHEETS IF NECESSARY See attached wellbore schematic for summary and rig work reports for daily detail.	WIRE LINE LOGS, LIST EACH TYPE <table border="1" style="width:100%"> <tr> <th>Log Types</th> <th>Logged Intervals</th> </tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> </table>	Log Types	Logged Intervals						
Log Types	Logged Intervals								

**CERTIFICATION**

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

NAME AND OFFICIAL TITLE Stephanie L. Tomkinson, Regulatory Affairs Technician	SIGNATURE 	DATE SIGNED 9/29/2005
--	---	--------------------------

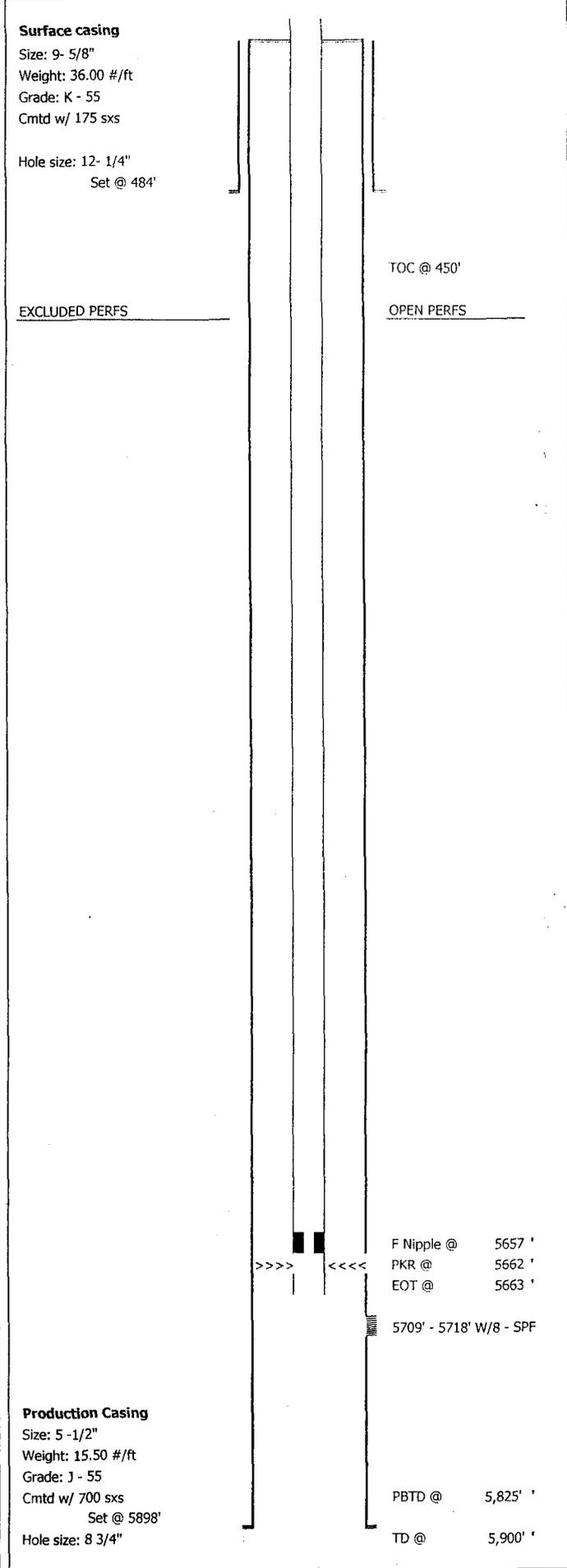
SUTO8817310  
**FIELD: Wonsits Valley**      GL: 5,126'    KBE: 5,140'      Spud Date: 02/10/03    Completion Date: 9-13-05

**Well: WV 3G 8-8-22**      TD: 5,900'    PBTD: 5,825'      Current Well Status: **Waiting on Orders**

Location:  
 NENW Sec. 8, T8S, R22E      APL#: 43-047-34596  
 Uintah County, Utah

**Reason for Pull/Workover:**  
 Convert to Injection well

**Wellbore Schematic**



**Tubing Landing Detail:**

Description	Size	Footage	Depth
K.B		14.00	14.00
8000# compression		(2.00)	12.00
175 - jts J-55 2 7/8	2 7/8"	5,644.18	5,656.18
F - NIPPLE (1.81" I.D.)	2 7/8"	1.07	5,657.25
5 1/2" Halliburton PKR	2 7/8"	4.95	5,662.20
Re Entry TBG COLLAR	2 7/8"	0.58	5,662.78
EOT @			<b>5,662.78</b>

**TUBING INFORMATION**  
 Condition:  
 New: \_\_\_\_\_ Used: \_\_\_\_\_ Rerun:   
 Grade: J- 55  
 Weight (#/ft): 6.50 #/ft

**Sucker Rod Detail:**

Size	#Rods	Rod Type

**Rod Information**  
 Condition:  
 New: \_\_\_\_\_ Used: \_\_\_\_\_ Rerun: \_\_\_\_\_  
 Grade: \_\_\_\_\_  
 Manufacture: \_\_\_\_\_

**Pump Information:**  
 API Designation  
 Example: 25 x 150 x RHAC X 20 X 6 X 2  
 Pump SN#: \_\_\_\_\_ Original Run Date: \_\_\_\_\_  
 RERUN \_\_\_\_\_ NEW RUN \_\_\_\_\_

ESP Well	Flowing Well
Cable Size: _____	SN @ _____ 5656'
Pump Intake @ _____	PKR @ _____
End of Pump @ _____	EOT @ _____ 5663'

**Wellhead Detail:** Example: 7-1/16" 3000#  
7-1/16" 5000#

Other: \_\_\_\_\_  
 Hanger: Yes \_\_\_\_\_ No

**SUMMARY**  
 9-13-05 Convert well to injection. New Halliburton PKR. Spot PKR fluid. MIT tested OK.

**TBG LANDED ON 7-1/16" FLANGE**

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INITIAL  
PAGE 1/1  
Recompletion

**Questar Exploration and Production—Uintah Basin**  
Daily Completion/Re Completion/Production Rig Work/Workover/P&A Report

**WELL NUMBER:** WV 3G-8-8-22  
**GL & AFE #:** SUTO8817310//24736  
**SPUD DATE:**  
**CASING SIZE:** 5 1/2" 15.5# J-55  
**CASING DEPTH:** 5898  
**Ser. Co. & Rig #:** RMWS #3

**Report Date:** 9/13/2005  
**Report Written By:** Todd Seiffert  
**Final Drilling Cost:**  
**Final Completion Date:**  
**TD:** 5,900  
**PBTD:** 5,825

**COSTS**

- Major Account  
 830 Completion & Recompletion (AFE required)  
 Production Rig Work (No AFE)  
 Workover (AFE required)  
 Plug & Abandon (AFE required)

**Daily Fluid Report**

Load from yesterday:	0
Minus daily recovery:	0
Plus water today:	0
Load left to recover:	0

	<u>DAILY</u>	<u>CUMULATIVE</u>	<u>Perfs</u>
			5709'-5718'
205 Rig	3,700	3,700	
221 Trucking/freight	2,500	2,500	
222 Hot oil truck	0	0	
220 Hauling fluids from location	0	0	
209 Logs	0	0	
280 Labor/roustabouts/sup	500	500	
219 Water hauled to location	0	0	
900 Contingencies	0	0	
202 Cementing	0	0	
201 Cement squeeze	0	0	
211 Stimulation	0	0	
231 Bridge plugs and pkrs	0	0	
213 Completion (consulting)	0	0	
217 Perforating	0	0	
203 Wireline services	0	0	
207 Completion Tool Rental	0	0	
330 Surface equip. rental	2,200	2,200	
215 Well test & flow back	0	0	
250 Equip. insp. & testing	0	0	
550 Fishing	0	0	
270 Formation psi data	0	0	
233 Materials and supplies	0	0	
220 Hauling trash from loc.	0	0	
<b>TOTAL DAILY COST &gt;</b>	<b>8,900</b>	<b>8,900</b>	<b>&lt; TOTAL CUMULATIVE COST</b>

**DAILY TOUR REPORT:** 9 12 05 INITIAL RECOMPLETION REPORT

CONVERT GAS WELL TO INJECTION WELL

MIRU Rocky Mtn Well Service. RU Advantage Hot Oiler & flush tbg w/ 200 bbls 240\* produced water. Well circulated after 35 bbls. NDWH. NU 7 1/16" 5M BOP. Tally out of hole w/ 174 jts 2 7/8", 1.81" f-nipple 1 jt 2 7/8" tbg & tbg collar. Total w/ KB = 5659.65'. RIH w/ 4 3/4" bit, 5 1/2" csg scraper, 1 jt 2 7/8" tbg, f-nipple, & 48 jts tbg to 1600'. SWIFN & Lock rams.

9-13-05 will continue to RIH w/ bit & scraper



*Recomp*  
PAGE 1/1  
*Final Report*

**Questar Exploration and Production—Uintah Basin**  
Daily Completion/Re Completion/Production Rig Work/Workover/P&A Report

**WELL NUMBER:** WV 3G 8 8-22  
**GL & AFE #:** SUTO8817310//24736  
**SPUD DATE:**  
**CASING SIZE:** 5 1/2" 15.5# J-55  
**CASING DEPTH:** 5898  
**Ser. Co. & Rig #:** RMWS #3

**Report Date:** 9/15/2005  
**Report Written By:** Todd Seiffert  
**Final Drilling Cost:**  
**Final Completion Date:**  
**TD:** 5,900  
**PBTD:** 5,825

**COSTS**

- Major Account
- 830 Completion & Recompletion (AFE required)
- Production Rig Work (No AFE)
- Workover (AFE required)
- Plug & Abandon (AFE required)

**Daily Fluid Report**

Load from yesterday:	0
Minus daily recovery:	0
Plus water today:	0
Load left to recover:	0

	<u>DAILY</u>	<u>CUMULATIVE</u>	<u>Perfs</u>
			5709'-5718'
205 Rig	1,400	8,700	
221 Trucking/freight	0	2,500	
222 Hot oil truck	0	0	
220 Hauling fluids from location	0	0	
209 Logs	0	0	
280 Labor/roustabouts/sup	250	1,000	
219 Water hauled to location	0	0	
900 Contingencies	0	0	
202 Cementing	0	0	
201 Cement squeeze	0	0	
211 Stimulation	0	0	
231 Bridge plugs and pkrs.	0	3,400	
213 Completion (consulting)	0	0	
217 Perforating	0	0	
203 Wireline services	0	0	
207 Completion Tool Rental	0	0	
330 Surface equip. rental	0	2,400	
215 Well test & flow back	0	0	
250 Equip. insp. & testing	0	0	
550 Fishing	0		
270 Formation psi data	0		
233 Materials and supplies	0	0	
220 Hauling trash from loc.	0		
<b>TOTAL DAILY COST &gt;</b>	1,650	18,000	<b>&lt; TOTAL CUMULATIVE COST</b>

**DAILY TOUR REPORT:** 9/14/2005 RDMO RMWS

**FINAL REPORT**

**Tbg Detail**

KB = 14.0'  
 8,000# Compression = -2.00'  
 175 jts of 2 7/8" J-55 tbg = 5644.18'  
 1.81 F-nipple = 1.07'  
 5 1/2" Halliburton PKR = 5.53'  
 Re Entry Collar = .58'  
 Tbg Tail @ 5662.78'  
 PKR @ 5662.20'  
 F-nipple @ 5657.25'



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 8

999 18<sup>TH</sup> STREET- SUITE 200

DENVER, CO 80202-2466

Phone 800-227-8917

<http://www.epa.gov/region08>

NOV 18 2005

Ref: 8P-W-GW

RECEIVED

NOV 23 2005

DIV. OF OIL, GAS & MINING

**CERTIFIED MAIL**  
**RETURN RECEIPT REQUESTED**

Stephanie Tomkinson  
QEP Uinta Basin, Inc.  
11002 East 17500 South  
Vernal, UT 84078

Accepted by the  
Utah Division of  
Oil, Gas and Mining  
**FOR RECORD ONLY**

43-047,34576  
Re: Underground Injection Control (UIC)  
Authorization to Commence Injection  
Well Name: WV 3G-8-8-22  
Uintah County, UT  
EPA Permit Number UT20954-06195

Dear Ms. Tomkinson:

QEP Uinta Basin, Inc. has satisfactorily fulfilled all the Environmental Protection Agency (EPA) **Prior to Commencing Injection** requirements in the Well Permit UT20954-06195 (effective February 17, 2005). Prior to Injection Requirements, i.e., Part I (Internal) Mechanical Integrity Test, Well Rework Record, and pore pressure were received and approved by the EPA on October 31, 2005.

QEP Uinta Basin, Inc., as of the date of this letter, is authorized to commence injection into the WV 3G-8-8-22 well. There will be no limitation on the number of barrels of water that will be injected into the Green River Formation interval 5380 feet to 5825 feet. Until such time that the Permittee demonstrates that the fracture gradient is other than 0.733 psi/ft, the WV 3G-8-8-22 well shall be operated at a **maximum allowable injection pressure no greater than 1600 psig.**

As of this approval, responsibility for Permit compliance and enforcement is transferred to the EPA Region 8 UIC Technical Enforcement Program office. Therefore, please direct all future notification, reporting, monitoring and compliance correspondence to the following address, referencing your well name and UIC Permit number on all correspondence regarding this well:

Mr. Nathan Wiser  
Technical Enforcement Program – UIC  
U.S. EPA Region 8: Mail Code 8ENF-UFO  
999 18<sup>th</sup> Street, Suite 200  
Denver, CO 80202-2466  
Phone: 303-312-6211 or 1-800-227-8917, ext. #6211

Please be reminded that it is your responsibility to be aware of, and to comply with, all conditions of Permit UT20954-06195. If you have any questions in regard to the above action, please contact Chuck Tinsley at 303-312-6266 or at 1-800-227-8917, ext. #6266.

Sincerely,



Tracy M. Eagle  
Director  
Ground Water Program

cc: Ms. Maxine Natchees, Uintah and Ouray Business Committee  
Ms. Elaine Willie, Ute Indian Tribe  
Mr. Chester Mills, Bureau of Indian Affairs, U&O Agency  
Mr. Gil Hunt, State of Utah, DOGM  
Mr. Matt Baker, Bureau of Land Management





S. L. Tomkinson  
Phone: 435-781-4308  
Fax: 435-781-4323  
Email: stephanie.tomkinson@questar.com

**QEP Uinta Basin, Inc.**  
11002 East 17500 South  
Vernal, UT 84078  
Tel 435 781 4300 • Fax 435 781 4329

Via Certified Mail: 7005 0390 0004 6658 1840

July 20, 2006

Nathan Wiser (8ENF-UFO)  
UIC Program  
U.S. EPA, Region VIII  
999 18<sup>th</sup> Street, Suite 300  
Denver, Colorado 80202-2466

**RE: WV 3G-8-8-22**  
**Request to Resume Injection**  
**EPA # UT20954-06195**  
**API # 43-047-34596**  
**NENW Section 8 T8S R22E**

Dear Mr. Wiser:

The above referenced well has been repaired and tested. The well rework record (Form 7520-12) and the results of a successful Mechanical Integrity Test (MIT) are attached.

QEP respectfully requests authorization from your office to resume injection. If you have any questions or need additional information, I can be reached in the Vernal office at (435) 781-4308.

Sincerely,

  
Stephanie L. Tomkinson  
Regulatory Affairs Biologist

Accepted by the  
Utah Division of  
Oil, Gas and Mining  
FOR RECORD ONLY

Enclosures: Well Rework Record Form 7520-12  
Casing or Annulus Pressure Mechanical Integrity Test

CC: Utah Division of Oil Gas and Mining  
1594 West North Temple, Suite 1210  
P.O. Box 145801  
Salt Lake City, Utah 84114-5801

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

RECEIVED

JUL 28 2006

DIV. OF OIL, GAS & MINING

# MECHANICAL INTEGRITY TEST CASING OR ANNULUS PRESSURE TEST

U.S. ENVIRONMENTAL PROTECTION AGENCY  
UNDERGROUND INJECTION CONTROL PROGRAM, UIC IMPLEMENTATION SECTION (8P-W-GW)  
999 18TH STREET, SUITE 300, DENVER, CO. 80202-2466

EPA WITNESS: NONE DATE: 7/19/2006 TIME: 9:50  AM  PM

TEST CONDUCTED BY: Dennis J. Paulson (Questar)

OTHERS PRESENT: LYNN SMITH ( ADVANTAGE OILFIELD SERVICE)

API NUMBER: 43-047-34596 EPA ID NUMBER: UT20954-06195

WELL NAME: <u>WV 3G 8 8 22</u>	TYPE: <input checked="" type="checkbox"/> ER <input type="checkbox"/> SWD	STATUS: <input type="checkbox"/> AC <input type="checkbox"/> TA <input checked="" type="checkbox"/> UC	
FIELD: <u>WONSITS VALLEY</u>			
WELL LOCATION: <u>NENW SEC8-T8S-R22E</u> <input type="checkbox"/> N <input type="checkbox"/> S <input type="checkbox"/> E <input type="checkbox"/> W	COUNTY: <u>UINTAH</u>	STATE: <u>UTAH</u>	
OPERATOR: <u>QEP UINTA BASIN INC.</u>			
LAST MIT: <u>13-Sep-05</u>	MAXIMUM ALLOWABLE PRESSURE: <u>1600</u>	PSIG	

IS THIS A REGULAR SCHEDULED TEST?  YES  NO

INITIAL TEST FOR PERMIT?  YES  NO

TEST AFTER WELL WORK?  YES  NO

WELL INJECTING DURING TEST?  YES  NO IF YES, RATE: NO BPD

PRE-TEST CASING/TUBING ANNULUS PRESSURE: 4 :PSIG

MIT DATA TABLE	TEST #1	TEST #2	TEST #3
TUBING	PRESSURE		
INITIAL PRESSURE	<u>439.2</u> PSIG	PSIG	PSIG
END OF TEST PRESSURE	<u>440.3</u> PSIG	PSIG	PSIG

CASING/TUBING	ANNULUS	TUBING	TUBING
0 MINUTES	<u>1161.5 @9:53:56</u> PSIG	<u>439.2</u> PSIG	PSIG
5 MINUTES	<u>1155.4 @9:58:49</u> PSIG	<u>440.2</u> PSIG	PSIG
10 MINUTES	<u>1153.6 @ 10:03:57</u> PSIG	<u>439.7</u> PSIG	PSIG
15 MINUTES	<u>1151.1 @ 10:08:51</u> PSIG	<u>439.8</u> PSIG	PSIG
20 MINUTES	<u>1149.6 @ 10:13:46</u> PSIG	<u>439.7</u> PSIG	PSIG
25 MINUTES	<u>1148.7 @10:18:53</u> PSIG	<u>439.9</u> PSIG	PSIG
30 MINUTES	<u>1148.2 @ 10:23:48</u> PSIG	<u>439.9</u> PSIG	PSIG
MINUTES	PSIG	PSIG	PSIG
MINUTES	PSIG	PSIG	PSIG
RESULT	<input checked="" type="checkbox"/> PASS <input type="checkbox"/> FAIL	<input type="checkbox"/> PASS <input type="checkbox"/> FAIL	<input type="checkbox"/> PASS <input type="checkbox"/> FAIL

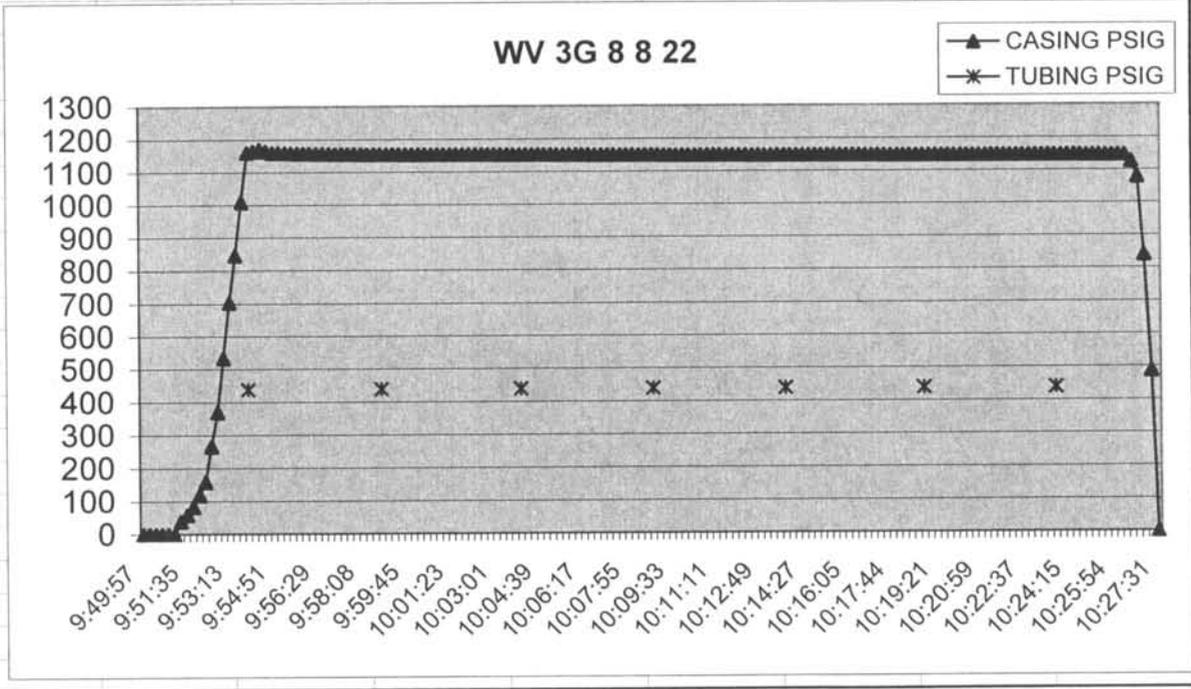
DOES THE ANNULUS PRESSURE BUILD BACK UP AFTER THE TEST?  YES  NO

3000 PSIG		2404-1	29 MAR		6		CASING	TUBING	AMBIENT
DATE	MONTH	YEAR	TIME	FILE	SAMPLE	PSIG	PSIG	TEMP.	
19 JUL		2006	9:49:57		2	1	0	88	
19 JUL		2006	9:50:11		2	2	0	88	
19 JUL		2006	9:50:25		2	3	0	88	
19 JUL		2006	9:50:39		2	4	0	88	
19 JUL		2006	9:50:53		2	5	0	88	
19 JUL		2006	9:51:07		2	6	0	88	
19 JUL		2006	9:51:21		2	7	39.618	88	
19 JUL		2006	9:51:35		2	8	59.14	88	
19 JUL		2006	9:51:49		2	9	83.21	88	
19 JUL		2006	9:52:03		2	10	119.37	88	
19 JUL		2006	9:52:17		2	11	159.33	88	
19 JUL		2006	9:52:31		2	12	266.27	88	
19 JUL		2006	9:52:45		2	13	371.19	90	
19 JUL		2006	9:52:59		2	14	534.9	90	
19 JUL		2006	9:53:13		2	15	705	90	
19 JUL		2006	9:53:27		2	16	846.4	90	
19 JUL		2006	9:53:42		2	17	1009.4	90	
19 JUL		2006	9:53:56		2	18	1161.5	439.2 90	
19 JUL		2006	9:54:09		2	19	1165.2	90	
19 JUL		2006	9:54:23		2	20	1170.7	90	
19 JUL		2006	9:54:37		2	21	1165.4	90	
19 JUL		2006	9:54:51		2	22	1159.9	90	
19 JUL		2006	9:55:05		2	23	1160.4	90	
19 JUL		2006	9:55:19		2	24	1160.2	90	
19 JUL		2006	9:55:33		2	25	1159.1	90	
19 JUL		2006	9:55:47		2	26	1158.6	90	
19 JUL		2006	9:56:01		2	27	1158.3	90	
19 JUL		2006	9:56:15		2	28	1157.8	91	
19 JUL		2006	9:56:29		2	29	1157.5	91	
19 JUL		2006	9:56:43		2	30	1157.1	91	
19 JUL		2006	9:56:57		2	31	1156.9	91	
19 JUL		2006	9:57:11		2	32	1156.6	91	
19 JUL		2006	9:57:25		2	33	1156.4	91	
19 JUL		2006	9:57:39		2	34	1156.2	91	
19 JUL		2006	9:57:54		2	35	1156	91	
19 JUL		2006	9:58:08		2	36	1155.8	91	
19 JUL		2006	9:58:21		2	37	1155.6	91	
19 JUL		2006	9:58:35		2	38	1155.5	91	
19 JUL		2006	9:58:49		2	39	1155.4	440.2 91	
19 JUL		2006	9:59:03		2	40	1155.2	91	
19 JUL		2006	9:59:17		2	41	1155	93	
19 JUL		2006	9:59:31		2	42	1154.9	93	
19 JUL		2006	9:59:45		2	43	1154.8	93	
19 JUL		2006	9:59:59		2	44	1154.7	93	
19 JUL		2006	10:00:13		2	45	1154.6	93	
19 JUL		2006	10:00:27		2	46	1154.5	93	
19 JUL		2006	10:00:41		2	47	1154.5	93	
19 JUL		2006	10:00:55		2	48	1154.4	93	
19 JUL		2006	10:01:09		2	49	1154.3	93	

3000 PSIG		2404-1	29 MAR	6		CASING	TUBING	AMBIENT
DATE	MONTH	YEAR	TIME	FILE	SAMPLE	PSIG	PSIG	TEMP.
19 JUL		2006	10:01:23		2	50	1154.3	93
19 JUL		2006	10:01:37		2	51	1154.2	93
19 JUL		2006	10:01:52		2	52	1154.2	93
19 JUL		2006	10:02:06		2	53	1154.1	93
19 JUL		2006	10:02:19		2	54	1154	93
19 JUL		2006	10:02:33		2	55	1154	93
19 JUL		2006	10:02:47		2	56	1153.9	93
19 JUL		2006	10:03:01		2	57	1153.9	93
19 JUL		2006	10:03:15		2	58	1153.8	93
19 JUL		2006	10:03:29		2	59	1153.8	93
19 JUL		2006	10:03:43		2	60	1153.6	95
19 JUL		2006	10:03:57		2	61	1153.6	439.7
19 JUL		2006	10:04:11		2	62	1153.5	95
19 JUL		2006	10:04:25		2	63	1153.5	95
19 JUL		2006	10:04:39		2	64	1153.4	95
19 JUL		2006	10:04:53		2	65	1153.2	95
19 JUL		2006	10:05:07		2	66	1153	95
19 JUL		2006	10:05:21		2	67	1152.6	95
19 JUL		2006	10:05:35		2	68	1152.4	95
19 JUL		2006	10:05:50		2	69	1152.3	95
19 JUL		2006	10:06:04		2	70	1152.1	95
19 JUL		2006	10:06:17		2	71	1152	95
19 JUL		2006	10:06:31		2	72	1152	95
19 JUL		2006	10:06:45		2	73	1151.9	95
19 JUL		2006	10:06:59		2	74	1151.8	95
19 JUL		2006	10:07:13		2	75	1151.7	95
19 JUL		2006	10:07:27		2	76	1151.6	95
19 JUL		2006	10:07:41		2	77	1151.5	95
19 JUL		2006	10:07:55		2	78	1151.5	95
19 JUL		2006	10:08:09		2	79	1151.4	95
19 JUL		2006	10:08:23		2	80	1151.3	95
19 JUL		2006	10:08:37		2	81	1151.3	95
19 JUL		2006	10:08:51		2	82	1151.1	439.8
19 JUL		2006	10:09:05		2	83	1151	97
19 JUL		2006	10:09:19		2	84	1150.9	97
19 JUL		2006	10:09:33		2	85	1150.9	97
19 JUL		2006	10:09:48		2	86	1150.8	97
19 JUL		2006	10:10:02		2	87	1150.7	97
19 JUL		2006	10:10:15		2	88	1150.6	97
19 JUL		2006	10:10:29		2	89	1150.6	97
19 JUL		2006	10:10:43		2	90	1150.5	97
19 JUL		2006	10:10:57		2	91	1150.4	97
19 JUL		2006	10:11:11		2	92	1150.3	97
19 JUL		2006	10:11:25		2	93	1150.3	97
19 JUL		2006	10:11:39		2	94	1150.2	97
19 JUL		2006	10:11:53		2	95	1150.2	97
19 JUL		2006	10:12:07		2	96	1150.1	97
19 JUL		2006	10:12:21		2	97	1150.1	97
19 JUL		2006	10:12:35		2	98	1150	97

3000 PSIG		2404-1	29 MAR		6		CASING	TUBING	AMBIENT
DATE	MONTH	YEAR	TIME	FILE	SAMPLE	PSIG	PSIG	TEMP.	
19 JUL		2006	10:12:49		2	99	1149.9		97
19 JUL		2006	10:13:03		2	100	1149.9		97
19 JUL		2006	10:13:17		2	101	1149.7		99
19 JUL		2006	10:13:31		2	102	1149.7		99
19 JUL		2006	10:13:46		2	103	1149.6	439.7	99
19 JUL		2006	10:14:00		2	104	1149.6		99
19 JUL		2006	10:14:13		2	105	1149.5		99
19 JUL		2006	10:14:27		2	106	1149.5		99
19 JUL		2006	10:14:41		2	107	1149.4		99
19 JUL		2006	10:14:55		2	108	1149.4		99
19 JUL		2006	10:15:09		2	109	1149.4		99
19 JUL		2006	10:15:23		2	110	1149.4		99
19 JUL		2006	10:15:37		2	111	1149.3		99
19 JUL		2006	10:15:51		2	112	1149.3		99
19 JUL		2006	10:16:05		2	113	1149.2		99
19 JUL		2006	10:16:19		2	114	1149.2		99
19 JUL		2006	10:16:33		2	115	1149.2		99
19 JUL		2006	10:16:47		2	116	1149.1		99
19 JUL		2006	10:17:01		2	117	1149.1		99
19 JUL		2006	10:17:15		2	118	1149.1		99
19 JUL		2006	10:17:29		2	119	1149		99
19 JUL		2006	10:17:44		2	120	1149		99
19 JUL		2006	10:17:58		2	121	1149		99
19 JUL		2006	10:18:11		2	122	1149		99
19 JUL		2006	10:18:25		2	123	1148.9		99
19 JUL		2006	10:18:39		2	124	1148.9		99
19 JUL		2006	10:18:53		2	125	1148.7	439.9	100
19 JUL		2006	10:19:07		2	126	1148.7		100
19 JUL		2006	10:19:21		2	127	1148.7		100
19 JUL		2006	10:19:35		2	128	1148.7		100
19 JUL		2006	10:19:49		2	129	1148.6		100
19 JUL		2006	10:20:03		2	130	1148.6		100
19 JUL		2006	10:20:17		2	131	1148.6		100
19 JUL		2006	10:20:31		2	132	1148.6		100
19 JUL		2006	10:20:45		2	133	1148.5		100
19 JUL		2006	10:20:59		2	134	1148.5		100
19 JUL		2006	10:21:13		2	135	1148.4		100
19 JUL		2006	10:21:27		2	136	1148.5		100
19 JUL		2006	10:21:42		2	137	1148.4		100
19 JUL		2006	10:21:56		2	138	1148.4		100
19 JUL		2006	10:22:09		2	139	1148.3		100
19 JUL		2006	10:22:23		2	140	1148.3		100
19 JUL		2006	10:22:37		2	141	1148.3		100
19 JUL		2006	10:22:51		2	142	1148.2		100
19 JUL		2006	10:23:05		2	143	1148.2		100
19 JUL		2006	10:23:19		2	144	1148.2		100
19 JUL		2006	10:23:33		2	145	1148.2		100
19 JUL		2006	10:23:47		2	146	1148.2	439.9	100
19 JUL		2006	10:24:01		2	147	1148.1		100

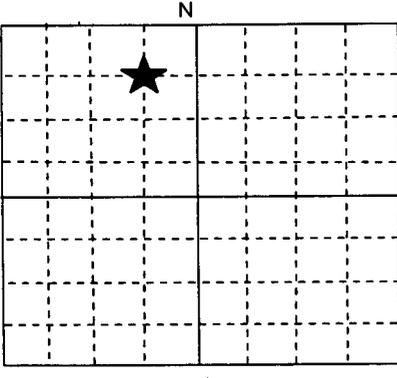
3000 PSIG		2404-1	29 MAR		6		CASING	TUBING	AMBIENT
DATE	MONTH	YEAR	TIME	FILE	SAMPLE	PSIG	PSIG	TEMP.	
19	JUL	2006	10:24:15	2	148	1148.1		100	
19	JUL	2006	10:24:29	2	149	1148.1		100	
19	JUL	2006	10:24:43	2	150	1148.1		100	
19	JUL	2006	10:24:57	2	151	1148		100	
19	JUL	2006	10:25:11	2	152	1148		100	
19	JUL	2006	10:25:25	2	153	1148		100	
19	JUL	2006	10:25:39	2	154	1147.9		100	
19	JUL	2006	10:25:54	2	155	1147.9		100	
19	JUL	2006	10:26:08	2	156	1147.9		100	
19	JUL	2006	10:26:21	2	157	1147.9		100	
19	JUL	2006	10:26:35	2	158	1127.4		102	
19	JUL	2006	10:26:49	2	159	1079.8		102	
19	JUL	2006	10:27:03	2	160	839.9		102	
19	JUL	2006	10:27:17	2	161	487.32		102	
19	JUL	2006	10:27:31	2	162	0		102	



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460

**WELL REWORK RECORD**

<b>NAME AND ADDRESS OF PERMITTEE</b> QEP Uinta Basin, Inc 11002 East 17500 South Vernal, UT 84078	<b>NAME AND ADDRESS OF CONTRACTOR</b> Key Energy #972 2603 East Main Street Rangley, CO 81648
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Locate Well and Outline Unit on Section Plat - 640 Acres  	STATE UTAH	COUNTY Uintah	PERMIT NUMBER UT20954-06195
SURFACE LOCATION DESCRIPTION NE 1/4 of NW 1/4 of Section 8 Township 8S Range 22E			
LOCATE WELL IN TWO DIRECTIONS FROM NEAREST LINES OF QUARTER SECTION AND DRILLING UNIT Surface Location <u>730</u> ft. From (N/S) <u>FNL</u> Line of Quarter Section And <u>2021</u> ft. From (E/W) <u>FWL</u> Line of Quarter Section			
<b>WELL ACTIVITY</b> <input type="checkbox"/> Brine Disposal <input checked="" type="checkbox"/> Enhanced Recovery <input type="checkbox"/> Hydrocarbon Storage  Lease Name		Total Depth Before Rework 5900'  Total Depth After Rework 5900'  Date Rework Commenced 7/15/2006  Date Rework Completed 7/18/2006	<b>TYPE OF PERMIT</b> <input checked="" type="checkbox"/> Individual <input type="checkbox"/> Area  Number of Wells <u>1</u>  Well Number <b>WV 3G-8-8-22</b>

**WELL CASING RECORD - BEFORE REWORK**

Casing		Cement		Perforations		Acid or Fracture Treatment Record
Size	Depth	Sacks	Type	From	To	
9-5/8"	484'	175	K-55	5709'	5718'	
5-1/2"	5898	700	J-55			

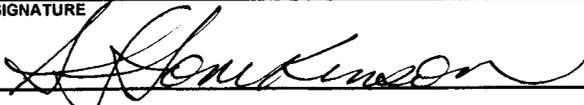
**WELL CASING RECORD - AFTER REWORK (Indicate Additions and Changes Only)**

Casing		Cement		Perforations		Acid or Fracture Treatment Record
Size	Depth	Sacks	Type	From	To	

<b>DESCRIBE REWORK OPERATIONS IN DETAIL</b> USE ADDITIONAL SHEETS IF NECESSARY  See attached rig work tour reports for daily detail.	<b>WIRE LINE LOGS, LIST EACH TYPE</b>	
	Log Types	Logged Intervals

**CERTIFICATION**

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

NAME AND OFFICIAL TITLE Stephanie L. Tomkinson, Regulatory Affairs Biologist	SIGNATURE 	DATE SIGNED 7/20/2006
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**Questar Exploration and Production-Uintah Basin**  
**Daily Completion/Re-Completion/Production Rig Work/Workover/P&A Report**

**WELL NUMBER:** WV 3G-8-8-22  
**GL & AFE #:** SUTO8817310  
**SPUD DATE:**  
**CASING SIZE:** 5 1/2" 15.5# J-55  
**CASING DEPTH:** 5898  
**Ser. Co. & Rig #:** Key Energy #972

**Report Date:** 7/18/2006  
**Report Written By:** Todd Seiffert  
**Final Drilling Cost:**  
**Final Completion Date:**  
**TD:** 5,900  
**PBTD:** 5,825

**COSTS**

Major Account  
 Completion & Recompletion (AFE required)  
 860 Production Rig Work (No AFE)  
 Workover (AFE required)  
 Plug & Abandon (AFE required)

**Daily Fluid Report**

Load from yesterday:	0
Minus daily recovery:	0
Plus water today:	0
Load left to recover:	0

	<b>DAILY</b>	<b>CUMULATIVE</b>	<b>Perfs</b>
			5709'-5818'
700 Fishing	0	0	
705 Wireline services	0	0	
710 Workover rig	7,300	12,600	
715 Materials & supplies	200	200	
716 Water hauled to location	0	0	
720 Bottom hole pumps	0	0	
725 Other subsurface parts	0	0	
742 Cased hole logs	0	0	
742 Well test & flowback	0	0	
745 Formation stimulation	0	0	
746 Perforating	0	0	
748 Cementing	0	0	
752 Labor, super consulting	250	500	
755 Hauling fluids from location	1,100	1,100	
755 Hot oil truck	600	600	
765 Trucking/freight	1,700	2,600	
770 Surface equipment rental	250	250	
775 Other costs-	2,100	2,100	
Downhole tool rental	0	0	
Downhole tools-purchased	0	0	
795 Plug & abandon	0	0	
	0	0	
	0	0	
<b>TOTAL DAILY COST &gt;</b>	<b>13,500</b>	<b>19,950</b>	<b>&lt; TOTAL CUMULATIVE COST</b>

**DAILY TOUR REPORT:** 7-17-06 Change out PKR.  
 500# on csg & tbg. Open well to flow back tank. Well down to a trickle of flow in 2 minutes. RU PRS inspection. tool. POOH w/ 175 jts 2 7/8" tbg, 2 7/8" PSN, 5 1/2" Halliburton PKR w/ re-entry collar. Having 158 jts yellow band jts, 15 blue band jts, and 2 red band jts. Replace 2 red band jts w/ 2 yellow band jts brought from RW yard. RIH w/ 5 1/2" Halliburton PKR w/ re-entry collar, new 2 7/8" PSN w/ standing valve in place, 175 jts 2 7/8" tbg applying liquid o-ring to pins & checking all breaks. ND BOP. Install B-1 flange. Test tbg to 1500# for 15 minutes. OK. RU sand line, fish SV. Displace hole w/ 110 bbls packer fluid. Set PKR. Land tbg on B-1 flange w/ 8000# compression. NUWH. Test PKR to 1000# for 15 minutes. OK. Secure well. SDFN.

**FINAL PRW REPORT**

<b>Tubing Detail:</b>		<b>Depth</b>
KB	14.00	14.00
Tbg Hanger	0.00	14.00
Compression	-2.00	12.00
175 jts 2-7/8"	5641.29	5653.29
	0.00	5653.29
	0.00	5653.29
New PSN.	1.10	5654.39
5 1/2" Halliburton PKR	4.53	5658.92
		5658.92
		5658.92
		5658.92
<b>Tubing tail @:</b>		<b>5658.92</b>
<b>PSN @:</b>		<b>5654.39</b>
<b>PKR @:</b>		<b>5658.92</b>

PEW

**Questar Exploration and Production-Uintah Basin**  
**Daily Completion/Re-Completion/Production Rig Work/Workover/P&A Report**

**WELL NUMBER:** WV 3G-8-8-22  
**GL & AFE #:** SUTO8817310  
**SPUD DATE:**  
**CASING SIZE:** 5 1/2" 15.5# J-55  
**CASING DEPTH:** 5898  
**Ser. Co. & Rig #:** Key Energy #972

**Report Date:** 7/15,16,17/2006  
**Report Written By:** Todd Seiffert  
**Final Drilling Cost:**  
**Final Completion Date:**  
**TD:** 5,900  
**PBTD:** 5,825

**COSTS**

Major Account  
 Completion & Recompletion (AFE required)  
 860 Production Rig Work (No AFE)  
 Workover (AFE required)  
 Plug & Abandon (AFE required)

**Daily Fluid Report**

Load from yesterday:	0
Minus daily recovery:	0
Plus water today:	0
Load left to recover:	0

	<b>DAILY</b>	<b>CUMULATIVE</b>	<b>Perfs</b>
			5709'-5818'
700 Fishing	0	0	
705 Wireline services	0	0	
710 Workover rig	5,300	5,300	
715 Materials & supplies	0	0	
716 Water hauled to location	0	0	
720 Bottom hole pumps	0	0	
725 Other subsurface parts	0	0	
742 Cased hole logs	0	0	
742 Well test & flowback	0	0	
745 Formation stimulation	0	0	
746 Perforating	0	0	
748 Cementing	0	0	
752 Labor, super consulting	250	250	
755 Hauling fluids from location	0	0	
755 Hot oil truck	0	0	
765 Trucking/freight	900	900	
770 Surface equipment rental	0	0	
775 Other costs-	0	0	
Downhole tool rental	0	0	
Downhole tools-purchased	0	0	
795 Plug & abandon	0	0	
	0	0	
	0	0	
<b>TOTAL DAILY COST &gt;</b>	<b>6,450</b>	<b>6,450</b>	<b>&lt; TOTAL CUMULATIVE COST</b>

**DAILY TOUR REPORT:** 7-14-06 Initial PRW Report. Prepare for tbg inspection.  
 MIRU Key Energy. RU flowback tank. 500# on csg & tbg. Open well to flow back tank. Flow back 4 bbls wtr, well down to a trickle of flow. NDWH. Unland tbg. Release 5 1/2" PKR. NU BOP. SWIFWE.

24 hr forecast will POOH w/ tbg & inspect tbg.

**Division of Oil, Gas and Mining**  
**OPERATOR CHANGE WORKSHEET**

**ROUTING**

- |        |
|--------|
| 1. DJJ |
| 2. CDW |

Change of Operator (Well Sold)

**X - Operator Name Change/Merger**

The operator of the well(s) listed below has changed, effective:

1/1/2007

<b>FROM:</b> (Old Operator): N2460-QEP Uinta Basin, Inc. 1050 17th St, Suite 500 Denver, CO 80265  Phone: 1 (303) 672-6900	<b>TO:</b> ( New Operator): N5085-Questar E&P Company 1050 17th St, Suite 500 Denver, CO 80265  Phone: 1 (303) 672-6900
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WELL NAME	CA No.	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
SEE ATTACHED LISTS					*				

**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 4/19/2007
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 4/16/2007
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 1/31/2005
- Is the new operator registered in the State of Utah: Business Number: 764611-0143
- (R649-9-2)Waste Management Plan has been received on: IN PLACE
- Inspections of LA PA state/fee well sites complete on: n/a
- Reports current for Production/Disposition & Sundries on: n/a
- 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 4/23/2007 BIA
- Federal and Indian Units:**  
The BLM or BIA has approved the successor of unit operator for wells listed on: 4/23/2007
- Federal and Indian Communization Agreements ("CA"):**  
The BLM or BIA has approved the operator for all wells listed within a CA on: \_\_\_\_\_
- 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: \_\_\_\_\_

**DATA ENTRY:**

- Changes entered in the **Oil and Gas Database** on: 4/30/2007 and 5/15/2007
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 4/30/2007 and 5/15/2007
- Bond information entered in RBDMS on: 4/30/2007 and 5/15/2007
- Fee/State wells attached to bond in RBDMS on: 4/30/2007 and 5/15/2007
- Injection Projects to new operator in RBDMS on: 4/30/2007 and 5/15/2007
- Receipt of Acceptance of Drilling Procedures for APD/New on: n/a

**BOND VERIFICATION:**

- Federal well(s) covered by Bond Number: ESB000024
- Indian well(s) covered by Bond Number: 799446
- (R649-3-1) The **NEW** operator of any state/fee well(s) listed covered by Bond Number 965003033
- The **FORMER** operator has requested a release of liability from their bond on: n/a

**LEASE INTEREST OWNER NOTIFICATION:**

- (R649-2-10) The **NEW** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: n/a

**COMMENTS: THIS IS A COMPANY NAME CHANGE.**

**SOME WELL NAMES HAVE BEEN CHANGED AS REQUESTED**

QEP Uinta Basin (N2460) to QUESTAR E and P (N5085)  
WONSITS VALLEY UNIT

4/30/2007 and 5/15/2007

Original Well Name	Well Name & No.	Q/Q	SEC	TWP	RNG	API	Entity	Lease	Well Type	Status
WVU 16	WV 16	NENE	15	080S	210E	4304715447	5265	Federal	WI	A
WVU 31	WV 31	NENW	14	080S	210E	4304715460	5265	Federal	WI	A
WVU 35	WV 35	NESW	14	080S	210E	4304715463	5265	Federal	WI	A
WV 36	WV 36	NESW	10	080S	210E	4304715464	5265	Federal	WI	A
WVU 41	WV 41	NENW	15	080S	210E	4304715469	5265	Federal	WI	A
WV 43	WV 43	SWSW	11	080S	210E	4304715471	5265	Federal	OW	P
WV 48	WV 48	SWNE	10	080S	210E	4304715476	5265	Federal	OW	P
WVU 50	WV 50	SWNE	15	080S	210E	4304715477	5265	Federal	WI	A
WV 53	WV 53	SWSE	10	080S	210E	4304720003	5265	Federal	OW	P
WVU 55	WV 55	SWNE	14	080S	210E	4304720005	5265	Federal	OW	P
WVU 59	WV 59	SWNW	14	080S	210E	4304720018	5265	Federal	WI	A
WVU 60	WV 60	SWSE	15	080S	210E	4304720019	5265	Federal	WI	A
WV 62	WV 62	SWSW	10	080S	210E	4304720024	5265	Federal	OW	P
WVU 65	WV 65	SWNW	15	080S	210E	4304720041	5265	Federal	OW	P
WVU 67	WV 67	NESW	15	080S	210E	4304720043	5265	Federal	WI	A
WVU 68	WV 68	NESE	15	080S	210E	4304720047	5265	Federal	WI	A
WVU 83	WV 83 WG	NENW	23	080S	210E	4304720205	14864	Federal	GW	S
WV 97	WV 97	NWSW	11	080S	210E	4304730014	5265	Federal	WI	A
WVU 103	WV 103	NWNW	14	080S	210E	4304730021	5265	Federal	OW	P
WVU 104	WV 104	NWNE	15	080S	210E	4304730022	5265	Federal	OW	P
WV 105	WV 105	SESE	10	080S	210E	4304730023	5265	Federal	OW	P
WVU 109	WV 109	SENE	15	080S	210E	4304730045	5265	Federal	OW	P
WVU 110	WV 110	SENE	14	080S	210E	4304730046	5265	Federal	OW	P
WVU 112	WV 112	SENE	15	080S	210E	4304730048	5265	Federal	OW	P
WVU 124	WV 124	NWSE	15	080S	210E	4304730745	5265	Federal	OW	P
WVU 126	WV 126	NWNE	21	080S	210E	4304730796	5265	Federal	WI	A
WV 128	WV 128	SESW	10	080S	210E	4304730798	5265	Federal	OW	P
WVU 132	WV 132	NWSW	15	080S	210E	4304730822	5265	Federal	OW	P
WVU 136	WV 136	NENW	21	080S	210E	4304731047	5265	Federal	OW	S
WV 137	WV 137	SENE	11	080S	210E	4304731523	5265	Federal	OW	P
WV 28-2	WV 28-2	NESW	11	080S	210E	4304731524	99990	Federal	WI	A
WVU 133	WV 133	SESW	15	080S	210E	4304731706	5265	Federal	OW	P
WVU 140	WV 140	NWNW	15	080S	210E	4304731707	5265	Federal	WI	A
WV 40-2	WV 40-2	NESE	10	080S	210E	4304731798	5265	Federal	WI	A
WVU 144	WV 144	SENE	10	080S	210E	4304731807	5265	Federal	OW	P
WV 143	WV 143	NWSE	10	080S	210E	4304731808	5265	Federal	WI	A
WVU 145	WV 145	NWNW	18	080S	220E	4304731820	14864	Federal	GW	P
WVU 121	WV 121	NWSW	14	080S	210E	4304731873	5265	Federal	OW	TA
WVU 135-2	WV 135-2	NENE	21	080S	210E	4304732016	5265	Federal	OW	P
WVU 130	WV 130	NWNW	22	080S	210E	4304732307	5265	Federal	OW	P
WVU 71-2	WV 71-2	SWSW	15	080S	210E	4304732449	5265	Federal	WI	A

QEP Uinta Basin (N2460) to QUESTAR E and P (N5085)  
WONSITS VALLEY UNIT

4/30/2007 and 5/15/2007

Original Well Name	Well Name & No.	Q/Q	SEC	TWP	RNG	API	Entity	Lease	Well Type	Status
WVFU 119	WV 119	NWNW	21	080S	210E	4304732461	5265	Federal	OW	P
WVFU 120	WV 120	NENW	22	080S	210E	4304732462	5265	Federal	WI	A
WVFU 54 WG	WV 54 WG	SWSE	07	080S	220E	4304732821	14864	Federal	GW	P
WVFU 69 WG	WV 69 WG	SWNE	18	080S	220E	4304732829	14864	Federal	GW	P
WVFU 38 WG	WV 38 WG	SWNW	08	080S	220E	4304732831	14864	Federal	GW	P
WVFU 49 WG	WV 49 WG	SWSW	08	080S	220E	4304732832	14864	Federal	GW	P
WVFU 138 WG	WV 138 WG	SWNW	18	080S	220E	4304733054	14864	Federal	GW	P
WVFU 14 WG	WV 14 WG	SWSE	12	080S	210E	4304733070	14864	Federal	GW	P
WVFU 11 WG	WV 11 WG	SWNE	12	080S	210E	4304733085	14864	Federal	GW	P
WVFU 81 WG	WV 81 WG	SWNW	24	080S	210E	4304733086	14864	Federal	GW	P
WVFU 146 WG	WV 146 WG	NWNW	19	080S	220E	4304733128	14864	Federal	GW	P
WVFU 1W-14-8-21	WV 1W-14-8-21	NENE	14	080S	210E	4304733220	14864	Federal	GW	P
WVFU 5W-13-8-21	WV 5W-13-8-21	SWNW	13	080S	210E	4304733221	14864	Federal	GW	P
WVFU 46 WG	WVFU 46 WG	NESE	07	080S	220E	4304733241	14864	Federal	GW	P
WVFU 9W-14-8-21	WV 9W-14-8-21	NESE	14	080S	210E	4304733269	14864	Federal	GW	P
WVFU 7W-13-8-21	WV 7W-13-8-21	SWNE	13	080S	210E	4304733270	14864	Federal	GW	P
WVFU 1W-18-8-22	WV 1W-18-8-22	NENE	18	080S	220E	4304733294	14864	Federal	GW	P
WVFU 11W-8-8-22	WV 11W-8-8-22	NESW	08	080S	220E	4304733295	14864	Federal	GW	P
WVFU 3W-8-8-22	WV 3W-8-8-22	NENW	08	080S	220E	4304733493	14864	Federal	GW	S
WVFU 5W-7-8-22	WV 5W-7-8-22	SWNW	07	080S	220E	4304733494	14864	Federal	GW	P
WVFU 11W-7-8-22	WV 11W-7-8-22	NESW	07	080S	220E	4304733495	14864	Federal	GW	P
WVFU 13W-7-8-22	WV 13W-7-8-22	SWSW	07	080S	220E	4304733496	14864	Federal	GW	P
WVFU 1W-7-8-22	WV 1W-7-8-22	NENE	07	080S	220E	4304733501	14864	Federal	GW	P
WVFU 3W-7-8-22	WV 3W-7-8-22	NENW	07	080S	220E	4304733502	14864	Federal	GW	P
WV 7WRG-7-8-22	WV 7WRG-7-8-22	SWNE	07	080S	220E	4304733503	5265	Federal	OW	P
WVFU 16W-9-8-21	WV 16W-9-8-21	SESE	09	080S	210E	4304733529	14864	Federal	GW	P
WVFU 1W-12-8-21	WV 1W-12-8-21	NENE	12	080S	210E	4304733531	14864	Federal	GW	P
WVFU 1W-13-8-21	WV 1W-13-8-21	NENE	13	080S	210E	4304733532	14864	Federal	GW	P
WVFU 3W-18-8-22	WV 3W-18-8-22	NENW	18	080S	220E	4304733533	14864	Federal	GW	P
WVFU 9W-12-8-21	WV 9W-12-8-21	NESE	12	080S	210E	4304733534	14864	Federal	GW	P
WVFU 11W-12-8-21	WV 11W-12-8-21	NESW	12	080S	210E	4304733535	14864	Federal	GW	P
WVFU 11W-13-8-21	WV 11W-13-8-21	NESW	13	080S	210E	4304733536	14864	Federal	GW	P
WVFU 13W-12-8-21	WV 13W-12-8-21	SWSW	12	080S	210E	4304733537	14864	Federal	GW	S
WVFU 13W-18-8-22	WV 13W-18-8-22	SWSW	18	080S	220E	4304733538	14864	Federal	GW	P
WVFU 16G-9-8-21	WV 16G-9-8-21	SESE	09	080S	210E	4304733565	5265	Federal	OW	P
WVFU 1W-21-8-21	WV 1W-21-8-21	NENE	21	080S	210E	4304733602	14864	Federal	GW	P
WVFU 3W-13-8-21	WV 3W-13-8-21	NENW	13	080S	210E	4304733603	14864	Federal	GW	S
WVFU 3W-22-8-21	WV 3W-22-8-21	NENW	22	080S	210E	4304733604	14864	Federal	GW	P
WVFU 3W-24-8-21	WV 3W-24-8-21	NENW	24	080S	210E	4304733605	14864	Federal	GW	P
WVFU 13W-13-8-21	WV 13W-13-8-21	SWSW	13	080S	210E	4304733606	14864	Federal	GW	S
WVFU 13W-14-8-21	WV 13W-14-8-21	SWSW	14	080S	210E	4304733607	14864	Federal	GW	P

QEP Uinta Basin (N2460) to QUESTAR E and P (N5085)  
WONSITS VALLEY UNIT

4/30/2007 and 5/15/2007

Original Well Name	Well Name & No.	Q/Q	SEC	TWP	RNG	API	Entity	Lease	Well Type	Status
WVFU 15W-13-8-21	WV 15W-13-8-21	SWSE	13	080S	210E	4304733608	14864	Federal	GW	S
WVFU 1W-24-8-21	WV 1W-24-8-21	NENE	24	080S	210E	4304733613	14864	Federal	GW	P
WVFU 11W-18-8-22	WV 11W-18-8-22	NESW	18	080S	220E	4304733626	14864	Federal	GW	P
WV 2W-10-8-21	WV 2W-10-8-21	NWNE	10	080S	210E	4304733655	14864	Federal	GW	P
WV 4W-11-8-21	WV 4W-11-8-21	NWNW	11	080S	210E	4304733657	14864	Federal	GW	P
WV 12W-10-8-21	WV 12W-10-8-21	NWSW	10	080S	210E	4304733659	14864	Federal	GW	S
WV 12G-10-8-21	WV 12G-10-8-21	NWSW	10	080S	210E	4304733660	5265	Federal	OW	P
WVFU 15W-9-8-21	WV 15W-9-8-21	SWSE	09	080S	210E	4304733661	14864	Federal	GW	P
WVFU 15G-9-8-21	WV 15G-9-8-21	SWSE	09	080S	210E	4304733662	5265	Federal	OW	P
WVFU 2W-13-8-21	WV 2W-13-8-21	NWNE	13	080S	210E	4304733791	14864	Federal	GW	P
WVFU 6W-13-8-21	WV 6W-13-8-21	SENW	13	080S	210E	4304733792	14864	Federal	GW	P
WVFU 8W-13-8-21	WV 8W-13-8-21	SENE	13	080S	210E	4304733793	14864	Federal	GW	P
WV 10W-1-8-21	WV 10W-1-8-21	NWSE	01	080S	210E	4304733794	14864	Federal	GW	TA
WVFU 10W-13-8-21	WV 10W-13-8-21	NWSE	13	080S	210E	4304733795	14864	Federal	GW	P
WVFU 12W-7-8-22	WV 12W-7-8-22	NWSW	07	080S	220E	4304733808	14864	Federal	GW	P
WVFU 6W-8-8-22	WV 6W-8-8-22	SENW	08	080S	220E	4304733811	14864	Federal	GW	P
WVFU 7W-8-8-22	WV 7W-8-8-22	SWNE	08	080S	220E	4304733812	14864	Federal	GW	S
WVFU 10W-7-8-22	WV 10W-7-8-22	NWSE	07	080S	220E	4304733813	14864	Federal	GW	P
WVFU 12W-8-8-22	WV 12W-8-8-22	NWSW	08	080S	220E	4304733815	14864	Federal	GW	P
WVFU 14W-7-8-22	WV 14W-7-8-22	SESW	07	080S	220E	4304733816	14864	Federal	GW	P
WVFU 16W-7-8-22	WV 16W-7-8-22	SESE	07	080S	220E	4304733817	14864	Federal	GW	P
WVFU 6W-7-8-22	WV 6W-7-8-22	SENW	07	080S	220E	4304733828	14864	Federal	GW	P
WVFU 6W-18-8-22	WV 6W-18-8-22	SENW	18	080S	220E	4304733842	14864	Federal	GW	P
WVFU 6WC-18-8-22	WV 6WC-18-8-22	SENW	18	080S	220E	4304733843	14864	Federal	GW	P
WVFU 6WD-18-8-22	WV 6WD-18-8-22	SENW	18	080S	220E	4304733844	14864	Federal	GW	P
WVFU 5W-23-8-21	WV 5W-23-8-21	SWNW	23	080S	210E	4304733860	14864	Federal	GW	P
WVFU 7W-23-8-21	WV 7W-23-8-21	SWNE	23	080S	210E	4304733861	14864	Federal	GW	P
WVFU 8W-12-8-21	WV 8W-12-8-21	SENE	12	080S	210E	4304733862	14864	Federal	GW	P
WVFU 10W-12-8-21	WV 10W-12-8-21	NWSE	12	080S	210E	4304733863	14864	Federal	GW	P
WVFU 14W-12-8-21	WV 14W-12-8-21	SESW	12	080S	210E	4304733864	14864	Federal	GW	P
WVFU 16W-12-8-21	WV 16W-12-8-21	SESE	12	080S	210E	4304733865	14864	Federal	GW	P
WVFU 1W-15-8-21	WV 1W-15-8-21	NENE	15	080S	210E	4304733902	14864	Federal	GW	S
WVFU 1W-22-8-21	WV 1W-22-8-21	NENE	22	080S	210E	4304733903	14864	Federal	GW	P
WVFU 1W-23-8-21	WV 1W-23-8-21	NENE	23	080S	210E	4304733904	14864	Federal	GW	P
WV 6W-11-8-21	WV 6W-11-8-21	SENW	11	080S	210E	4304733906	14864	Federal	GW	P
WVFU 7W-24-8-21	WV 7W-24-8-21	SWNE	24	080S	210E	4304733908	14864	Federal	GW	P
WV 10W-11-8-21	WV 10W-11-8-21	NWSE	11	080S	210E	4304733910	14864	Federal	GW	P
WVFU 11W-15-8-21	WV 11W-15-8-21	NESW	15	080S	210E	4304733911	14864	Federal	GW	P
WV 13W-11-8-21	WV 13W-11-8-21	SWSW	11	080S	210E	4304733913	14864	Federal	GW	S
WVFU 13W-15-8-21	WV 13W-15-8-21	SWSW	15	080S	210E	4304733914	14864	Federal	GW	P
WV 15W-10-8-21	WV 15W-10-8-21	SWSE	10	080S	210E	4304733916	14864	Federal	GW	P

QEP Uinta Basin (N2460) to QUESTAR E and P (N5085)  
WONSITS VALLEY UNIT

4/30/2007 and 5/15/2007

Original Well Name	Well Name & No.	Q/Q	SEC	TWP	RNG	API	Entity	Lease	Well Type	Status
WVFU 15W-15-8-21	WV 15W-15-8-21	SWSE	15	080S	210E	4304733917	14864	Federal	GW	P
WVFU 5W-14-8-21	WV 5W-14-8-21	SWNW	14	080S	210E	4304733953	14864	Federal	GW	P
WVFU 7W-14-8-21	WV 7W-14-8-21	SWNE	14	080S	210E	4304733955	14864	Federal	GW	P
WV 8W-11-8-21	WV 8W-11-8-21	SENE	11	080S	210E	4304733957	14864	Federal	GW	S
WVFU 8W-14-8-21	WV 8W-14-8-21	SENE	14	080S	210E	4304733958	14864	Federal	GW	P
WVFU 9W-15-8-21	WV 9W-15-8-21	NESE	15	080S	210E	4304733959	14864	Federal	GW	P
WVFU 12W-13-8-21	WV 12W-13-8-21	NWSW	13	080S	210E	4304733961	14864	Federal	GW	P
WVFU 14W-13-8-21	WV 14W-13-8-21	SESW	13	080S	210E	4304733962	14864	Federal	GW	P
WVFU 15W-14-8-21	WV 15W-14-8-21	SWSE	14	080S	210E	4304733963	14864	Federal	GW	P
WVFU 2W-18-8-22	WV 2W-18-8-22	NWNE	18	080S	220E	4304733986	14864	Federal	GW	P
WV 8W-18-8-22	WV 8W-18-8-22	SENE	18	080S	220E	4304733989	14864	Federal	GW	P
WVFU 10W-18-8-22	WV 10W-18-8-22	NWSE	18	080S	220E	4304733991	14864	Federal	GW	P
WVFU 12W-18-8-22	WV 12W-18-8-22	NWSW	18	080S	220E	4304733993	14864	Federal	GW	P
WV 14W-18-8-22	WV 14W-18-8-22	SESW	18	080S	220E	4304733995	14864	Federal	GW	P
WVFU 8W-1-8-21	WV 8W-1-8-21	SENE	01	080S	210E	4304734009	14864	Federal	GW	DRL
WV 4W-17-8-22	WV 4W-17-8-22	NWNW	17	080S	220E	4304734038	14864	Federal	GW	P
WV 12G-1-8-21	WV 12G-1-8-21	NWSW	01	080S	210E	4304734108	5265	Federal	OW	TA
WV 2W-14-8-21	WV 2W-14-8-21	NWNE	14	080S	210E	4304734140	14864	Federal	GW	P
GH 2W-21-8-21	GH 2W-21-8-21	NWNE	21	080S	210E	4304734141	14864	Federal	GW	P
WV 2W-23-8-21	WV 2W-23-8-21	NWNE	23	080S	210E	4304734142	14864	Federal	GW	P
GH 3W-21-8-21	WV 3W-21-8-21	NENW	21	080S	210E	4304734143	14864	Federal	GW	P
WV 4W-13-8-21	WV 4W-13-8-21	NWNW	13	080S	210E	4304734144	14864	Federal	GW	P
GH 4W-21-8-21	WV 4W-21-8-21	NWNW	21	080S	210E	4304734145	14864	Federal	GW	P
WV 4W-22-8-21	WV 4W-22-8-21	NWNW	22	080S	210E	4304734146	14864	Federal	GW	P
WV 16W-11-8-21	WV 16W-11-8-21	SESE	11	080S	210E	4304734155	14864	Federal	GW	TA
WV 3W-19-8-22	WV 3W-19-8-22	NENW	19	080S	220E	4304734187	14864	Federal	GW	P
WV 4W-23-8-21	WV 4W-23-8-21	NWNW	23	080S	210E	4304734188	14864	Federal	GW	P
WV 6W-23-8-21	WV 6W-23-8-21	SENW	23	080S	210E	4304734189	14864	Federal	GW	P
WV 2W-15-8-21	WV 2W-15-8-21	NWNE	15	080S	210E	4304734242	14864	Federal	GW	P
WV 2W-22-8-21	WV 2W-22-8-21	NWNE	22	080S	210E	4304734243	14864	Federal	GW	P
WV 4W-14-8-21	WV 4W-14-8-21	NWNW	14	080S	210E	4304734244	14864	Federal	GW	P
WV 6W-12-8-21	WV 6W-12-8-21	SENW	12	080S	210E	4304734245	5265	Federal	GW	S
WV 7W-15-8-21	WV 7W-15-8-21	SWNE	15	080S	210E	4304734246	14864	Federal	GW	P
WV 8W-15-8-21	WV 8W-15-8-21	SENE	15	080S	210E	4304734247	14864	Federal	GW	P
WV 12W-12-8-21	WV 12W-12-8-21	NWSW	12	080S	210E	4304734248	14864	Federal	GW	S
WV 14W-15-8-21	WV 14W-15-8-21	SESW	15	080S	210E	4304734249	14864	Federal	GW	P
WV 16W-10-8-21	WV 16W-10-8-21	SESE	10	080S	210E	4304734250	14864	Federal	GW	P
WV 16W-15-8-21	WV 16W-15-8-21	SESE	15	080S	210E	4304734251	14864	Federal	GW	P
WV 2W-12-8-21	WV 2W-12-8-21	NWNE	12	080S	210E	4304734265	14864	Federal	GW	OPS
WV 3W-12-8-21	WV 3W-12-8-21	NENW	12	080S	210E	4304734267	14864	Federal	GW	OPS
WV 4W-12-8-21	WV 4D-12-8-21	NWNW	12	080S	210E	4304734268	12436	Federal	GW	DRL

QEP Uinta Basin (N2460) to QUESTAR E and P (N5085)  
WONSITS VALLEY UNIT

4/30/2007 and 5/15/2007

Original Well Name	Well Name & No.	Q/Q	SEC	TWP	RNG	API	Entity	Lease	Well Type	Status
WV 5W-12-8-21	WV 5W-12-8-21	SWNW	12	080S	210E	4304734270	14864	Federal	GW	OPS
WV 6W-14-8-21	WV 6W-14-8-21	SENW	14	080S	210E	4304734271	14864	Federal	GW	P
WV 9W-11-8-21	WV 9W-11-8-21	NESE	11	080S	210E	4304734274	14864	Federal	GW	DRL
WV 10W-14-8-21	WV 10W-14-8-21	NWSE	14	080S	210E	4304734275	14864	Federal	GW	S
WV 11W-14-8-21	WV 11W-14-8-21	NESW	14	080S	210E	4304734277	14864	Federal	GW	P
WV 12W-14-8-21	WV 12W-14-8-21	NWSW	14	080S	210E	4304734279	14864	Federal	GW	S
WV 14M-11-8-21	WV 14M-11-8-21	SESW	11	080S	210E	4304734280	14864	Federal	GW	P
WV 14W-14-8-21	WV 14W-14-8-21	SESW	14	080S	210E	4304734281	14864	Federal	GW	P
WV 16W-14-8-21	WV 16G-14-8-21	SESE	14	080S	210E	4304734283	5265	Federal	OW	S
WV 3MU-15-8-21	WV 3MU-15-8-21	NENW	15	080S	210E	4304734289	14864	Federal	GW	P
WV 4MU-15-8-21	WV 4MU-15-8-21	NWNW	15	080S	210E	4304734291	14864	Federal	GW	P
WV 5MU-15-8-21	WV 5MU-15-8-21	SWNW	15	080S	210E	4304734293	14864	Federal	GW	P
WV 6W-15-8-21	WV 6W-15-8-21	SENW	15	080S	210E	4304734294	14864	Federal	GW	P
WV 10W-15-8-21	WV 10W-15-8-21	NWSE	15	080S	210E	4304734295	14864	Federal	GW	P
WVU 4W-24-8-21	WV 4W-24-8-21	NWNW	24	080S	210E	4304734330	14864	Federal	GW	P
WV 8M-23-8-21	WV 8M-23-8-21	SENE	23	080S	210E	4304734339	14864	Federal	GW	P
WVU 8W-24-8-21	WV 8W-24-8-21	SENE	24	080S	210E	4304734340	14864	Federal	GW	P
WV 2W-8-8-22	WV 2W-8-8-22	NWNE	08	080S	220E	4304734468	14864	Federal	GW	P
WV 8W-7-8-22	WV 8W-7-8-22	SENE	07	080S	220E	4304734469	14864	Federal	GW	S
WV 8W-22-8-21	WV 8W-22-8-21	SENE	22	080S	210E	4304734564	14864	Federal	GW	P
WV 3G-8-8-22	WV 3G-8-8-22	NENW	08	080S	220E	4304734596	5265	Federal	OW	TA
WV 14MU-10-8-21	WV 14MU-10-8-21	SESW	10	080S	210E	4304735879	14864	Federal	GW	P
WV 13MU-10-8-21	WV 13MU-10-8-21	SWSW	10	080S	210E	4304736305	14864	Federal	GW	P
WV 3DML-13-8-21	WV 3D-13-8-21	SENW	13	080S	210E	4304737923	14864	Federal	GW	DRL
WV 14DML-12-8-21	WV 14DML-12-8-21	SESW	12	080S	210E	4304737924	14864	Federal	GW	DRL
WV 15AML-12-8-21	WV 15AML-12-8-21	NWSE	12	080S	210E	4304737925		Federal	GW	APD
WV 13DML-10-8-21	WV 13DML-10-8-21	SWSW	10	080S	210E	4304737926	14864	Federal	GW	P
WV 4DML-15-8-21	WV 4DML-15-8-21	NWNW	15	080S	210E	4304737927	14864	Federal	GW	DRL
WV 13AD-8-8-22	WV 13AD-8-8-22	SWSW	08	080S	220E	4304737945		Federal	GW	APD
WV 11AML-14-8-21	WV 11AD-14-8-21	NWSE	14	080S	210E	4304738049	15899	Federal	GW	APD
WV 11DML-14-8-21	WV 11DML-14-8-21	SESW	14	080S	210E	4304738050		Federal	GW	APD
WV 4AML-19-8-22	WV 4AML-19-8-22	NWNW	19	080S	220E	4304738051		Federal	GW	APD
WV 13CML-8-8-22	WV 13CML-8-8-22	SWSW	08	080S	220E	4304738431		Federal	GW	APD
WV 13BML-18-8-22	WV 13BML-18-8-22	SWSW	18	080S	220E	4304738432		Federal	GW	APD
WV 8BML-18-8-22	WV 8BML-18-8-22	E/NE	18	080S	220E	4304738433		Federal	GW	APD
WV 6ML-24-8-21	WV 6-24-8-21	SENW	24	080S	210E	4304738663		Federal	GW	APD
WV 2ML-24-8-21	WV 2ML-24-8-21	NWNE	24	080S	210E	4304738664		Federal	GW	APD
WV 1DML-13-8-21	WV 1DML-13-8-21	NENE	13	080S	210E	4304738733		Federal	GW	APD
WV 4DML-13-8-21	WV 4DML-13-8-21	NWNW	13	080S	210E	4304738734		Federal	GW	APD
WV 3AML-14-8-21	WV 3AML-14-8-21	NENW	14	080S	210E	4304738736		Federal	GW	APD
WV 16CML-14-8-21	WV 16C-14-8-21	SESE	14	080S	210E	4304738737		Federal	GW	APD

QEP Uinta Basin (N2460) to QUESTAR E and P (N5085)  
WONSITS VALLEY UNIT

4/30/2007 and 5/15/2007

Original Well Name	Well Name & No.	Q/Q	SEC	TWP	RNG	API	Entity	Lease	Well Type	Status
WVU 21	WV 21	NENE	16	080S	210E	4304715452	99990	State	WI	A
WVU 32	WV 32	NENW	16	080S	210E	4304716513	5265	State	OW	P
WVU 72	WV 72	SWSW	16	080S	210E	4304720058	99990	State	WI	A
WVU 73	WV 73	NESE	16	080S	210E	4304720066	5265	State	WI	A
WVU 74	WV 74	SWSE	16	080S	210E	4304720078	5265	State	OW	P
WVU 75	WV 75	SWNE	16	080S	210E	4304720085	5265	State	OW	P
WVU 78	WV 78	NESW	16	080S	210E	4304720115	99990	State	WI	A
WVU 134	WV 134	SESE	16	080S	210E	4304731118	5265	State	OW	P
WVU 141	WV 141	NWSE	16	080S	210E	4304731609	5265	State	OW	P
WVU 127	WV 127	SENE	16	080S	210E	4304731611	5265	State	OW	P
WVU 142	WV 142	SESW	16	080S	210E	4304731612	5265	State	OW	P
WVUFU 9W-13-8-21	WV 9W-13-8-21	NESE	13	080S	210E	4304733223	14864	State	GW	S
WVUFU 2W-16-8-21	WV 2W-16-8-21	NWNE	16	080S	210E	4304733246	14864	State	GW	P
WVUFU 2G-16-8-21	WV 2G-16-8-21	NWNE	16	080S	210E	4304733247	5265	State	OW	P
WVUFU 6W-16-8-21	WV 6W-16-8-21	SENE	16	080S	210E	4304733527	14864	State	GW	P
WVUFU 6G-16-8-21	WV 6G-16-8-21	SENE	16	080S	210E	4304733564	5265	State	OW	P
WVUFU 16W-2-8-21	WV 16W-2-8-21	SESE	02	080S	210E	4304733645	5265	State	OW	S
WVUFU 9W-2-8-21	WV 9W-2-8-21	NESE	02	080S	210E	4304733648	14864	State	GW	P
WVUFU 12W-16-8-21	WV 12W-16-8-21	NWSW	16	080S	210E	4304733649	14864	State	GW	P
WVUFU 12G-16-8-21	WV 12G-16-8-21	NWSW	16	080S	210E	4304733650	5265	State	OW	P
WVUFU 16W-13-8-21	WV 16W-13-8-21	SESE	13	080S	210E	4304733796	14864	State	GW	P
WV 10G-2-8-21	WV 10G-2-8-21	NWSE	02	080S	210E	4304734035	5265	State	OW	P
WV 14G-2-8-21	WV 14G-2-8-21	SESW	02	080S	210E	4304734036	5265	State	OW	P
WV 13G-2-8-21	WV 13G-2-8-21	SWSW	02	080S	210E	4304734068	5265	State	OW	P
WV 5G-16-8-21	WV 5G-16-8-21	SWNW	16	080S	210E	4304734107	5265	State	OW	P
WV 11W-16-8-21	WV 11W-16-8-21	NESW	16	080S	210E	4304734190	14864	State	GW	P
WV 13W-16-8-21	WV 13W-16-8-21	SWSW	16	080S	210E	4304734191	14864	State	GW	P
WV 14W-16-8-21	WV 14W-16-8-21	SESW	16	080S	210E	4304734192	14864	State	GW	P
WV 15W-16-8-21	WV 15W-16-8-21	SWSE	16	080S	210E	4304734224	14864	State	GW	P
WV 16W-16-8-21	WV 16W-16-8-21	SESE	16	080S	210E	4304734225	14864	State	GW	P
WV 1MU-16-8-21	WV 1MU-16-8-21	NENE	16	080S	210E	4304734288	14864	State	GW	P
WV 3W-16-8-21	WV 3W-16-8-21	NENW	16	080S	210E	4304734290		State	GW	LA
WV 4W-16-8-21	WV 4W-16-8-21	NWNW	16	080S	210E	4304734292	12436	State	D	PA
WVU 5W-16-8-21	WV 5W-16-8-21	SWNW	16	080S	210E	4304734321	14864	State	GW	P
WV 7W-16-8-21	WV 7W-16-8-21	SWNE	16	080S	210E	4304734322	14864	State	GW	P
WV 8ML-16-8-21	WV 8ML-16-8-21	SENE	16	080S	210E	4304734323	14864	State	GW	P
WV 9W-16-8-21	WV 9W-16-8-21	NESE	16	080S	210E	4304734325	14864	State	GW	P
WV 10W-16-8-21	WV 10W-16-8-21	NWSE	16	080S	210E	4304734326	14864	State	GW	P
WV 12BML-16-8-21	WV 12BML-16-8-21	SWNW	16	080S	210E	4304737824	14864	State	GW	P
WV 12DML-16-8-21	WV 12D-16-8-21	NWSW	16	080S	210E	4304737870		State	GW	APD
WV 15CML-16-8-21	WV 15CML-16-8-21	SESW	16	080S	210E	4304737871	14864	State	GW	P

QEP Uinta Basin (N2460) to QUESTAR E and P (N5085)  
WONSITS VALLEY UNIT

4/30/2007 and 5/15/2007

Original Well Name	Well Name & No.	Q/Q	SEC	TWP	RNG	API	Entity	Lease	Well Type	Status
WV 15DML-16-8-21	WV 15DML-16-8-21	SWSE	16	080S	210E	4304737872		State	GW	APD
WV 16DML-13-8-21	WV 16DML-13-8-21	SESE	13	080S	210E	4304738735		State	GW	APD

**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.

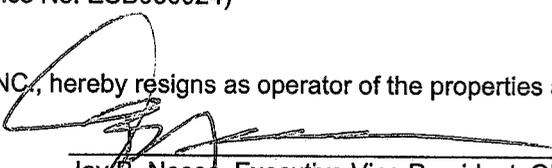
<b>1. TYPE OF WELL</b> OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: see attached
<b>2. NAME OF OPERATOR:</b> QUESTAR EXPLORATION AND PRODUCTION COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: see attached
<b>3. ADDRESS OF OPERATOR:</b> 1050 17th Street Suite 500 CITY Denver STATE CO ZIP 80265		7. UNIT or CA AGREEMENT NAME: see attached
PHONE NUMBER: (303) 308-3068		8. WELL NAME and NUMBER: see attached
<b>4. LOCATION OF WELL</b> FOOTAGES AT SURFACE: attached COUNTY: Uintah		9. API NUMBER: attached
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: STATE: UTAH		10. FIELD AND POOL, OR WILDCAT:

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

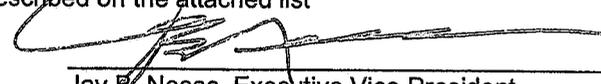
TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> (Submit in Duplicate) Approximate date work will start: <u>1/1/2007</u>	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
<input type="checkbox"/> <b>SUBSEQUENT REPORT</b> (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u>Operator Name Change</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

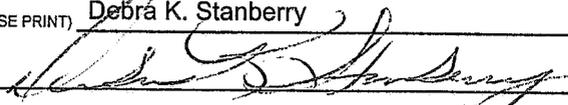
**12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS.** Clearly show all pertinent details including dates, depths, volumes, etc.

Effective January 1, 2007 operator of record, QEP Uinta Basin, Inc., will hereafter be known as QUESTAR EXPLORATION AND PRODUCTION COMPANY. This name change involves only an internal corporate name change and no third party change of operator is involved. The same employees will continue to be responsible for operations of the properties described on the attached list. All operations will continue to be covered by bond numbers:  
 Federal Bond Number: 965002976 (BLM Reference No. ESB000024)  
 Utah State Bond Number: 965003033  
 Fee Land Bond Number: 965003033  
 Current operator of record, QEP UINTA BASIN, INC., hereby resigns as operator of the properties as described on the attached list.

  
 Jay B. Neese, Executive Vice President, QEP Uinta Basin, Inc.

Successor operator of record, QUESTAR EXPLORATION AND PRODUCTION COMPANY, hereby assumes all rights, duties and obligations as operator of the properties as described on the attached list

  
 Jay B. Neese, Executive Vice President  
 Questar Exploration and Production Company

NAME (PLEASE PRINT) <u>Debra K. Stanberry</u>	TITLE <u>Supervisor, Regulatory Affairs</u>
SIGNATURE 	DATE <u>3/16/2007</u>

(This space for State use only)

RECEIVED  
APR 19 2007

**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.

<b>1. TYPE OF WELL</b> OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> see attached
<b>2. NAME OF OPERATOR:</b> QUESTAR EXPLORATION AND PRODUCTION COMPANY		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b> see attached
<b>3. ADDRESS OF OPERATOR:</b> 1050 17th Street Suite 500 <small>CITY</small> Denver <small>STATE</small> CO <small>ZIP</small> 80265		<b>7. UNIT or CA AGREEMENT NAME:</b> see attached
<b>4. LOCATION OF WELL</b> FOOTAGES AT SURFACE: attached		<b>8. WELL NAME and NUMBER:</b> see attached
<b>PHONE NUMBER:</b> (303) 308-3068		<b>9. API NUMBER:</b> attached
<b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b>		<b>10. FIELD AND POOL, OR WILDCAT:</b>
		<b>COUNTY:</b> Uintah
		<b>STATE:</b> UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> (Submit in Duplicate)  Approximate date work will start: <u>1/1/2007</u>	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
<input type="checkbox"/> <b>SUBSEQUENT REPORT</b> (Submit Original Form Only)  Date of work completion: _____	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u>Well Name Changes</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

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

PER THE ATTACHED LIST OF WELLS, QUESTAR EXPLORATION AND PRODUCTION COMPANY REQUESTS THAT THE INDIVIDUAL WELL NAMES BE UPDATED IN YOUR RECORDS.

NAME (PLEASE PRINT) <u>Debra K. Stanberry</u>	TITLE <u>Supervisor, Regulatory Affairs</u>
SIGNATURE	DATE <u>4/17/2007</u>

(This space for State use only)

RECEIVED  
APR 19 2007  
DIV. OF OIL, GAS & MINING



# 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  
3180  
UT-922

April 23, 2007

Questar Exploration and Production Company  
1050 17th Street, Suite 500  
Denver, Colorado 80265

Re: Wonsits Valley Unit  
Uintah County, Utah

Gentlemen:

On April 12, 2007, we received an indenture dated April 6, 2007, whereby QEP Uinta Basin, Inc. resigned as Unit Operator and Questar Exploration and Production Company was designated as Successor Unit Operator for the Wonsits Valley 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 April 23, 2007. 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 Wonsits Valley Unit Agreement.

Your nationwide oil and gas bond No. ESB000024 will be used to cover all federal operations within the Wonsits Valley 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/ Greg J. Noble

Greg J. Noble  
Acting Chief, Branch of Fluid Minerals

Enclosure

bcc: Field Manager - Vernal (w/enclosure)  
SITLA  
Division of Oil, Gas & Mining  
File - Wonsits Valley Unit (w/enclosure)  
Agr. Sec. Chron  
Reading File  
Central Files

UT922:TAThompson:tt:4/23/07

RECEIVED

APR 30 2007

DIV. OF OIL, GAS & MINING



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

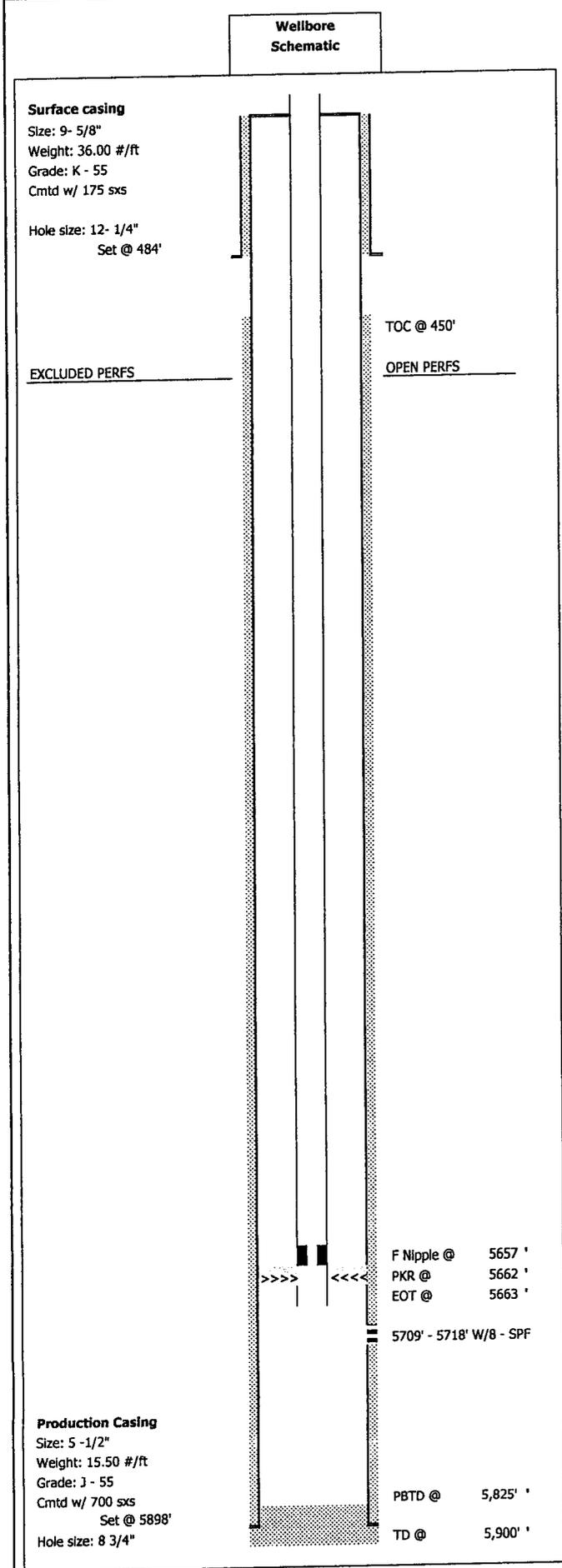
38. GEOLOGIC MARKERS  
WV 3G 8 8 22

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
			<p><b>This Work Over was completed between 09/12/05 – 09/14/05. Change from gas well to injection well.</b></p> <p><b>CONFIDENTIAL INFORMATION – DO NOT RELEASE WITHOUT PERMISSION FOR QUESTAR EXPLORATION &amp; PRODUCTION CO.</b></p>			

**CONFIDENTIAL**

SUTO8817310  
**FIELD: Wonsits Valley**  
 GL: 5,126' KBE: 5,140' Spud Date: 02/10/03 Completion Date: 9-13-05  
**Well: WV 3G 8-8-22** TD: 5,900' PBTD: 5,825' Current Well Status: **Waiting on Orders**  
 Location: NENW Sec. 8, T8S, R22E API#: 43-047- 34596  
 Uintah County, Utah

**Reason for Pull/Workover:**  
 Convert to Injection well



**Tubing Landing Detail:**

Description	Size	Footage	Depth
K.B		14.00	14.00
8000# compression		(2.00)	12.00
175 - jts J-55 2 7/8	2 7/8"	5,644.18	5,656.18
F - NIPPLE (1.81" I.D.)	2 7/8"	1.07	5,657.25
5 1/2" Halliburton PKR	2 7/8"	4.95	5,662.20
Re Entry TBG COLLAR	2 7/8"	0.58	5,662.78
EOT @			<b>5,662.78</b>

**TUBING INFORMATION**  
 Condition: \_\_\_\_\_  
 New: \_\_\_\_\_ Used: \_\_\_\_\_ Rerun:   
 Grade: J-55  
 Weight (#/ft): 6.50 #/ft

**Sucker Rod Detail:**

Size	#Rods	Rod Type

**Rod Information**  
 Condition: \_\_\_\_\_  
 New: \_\_\_\_\_ Used: \_\_\_\_\_ Rerun: \_\_\_\_\_  
 Grade: \_\_\_\_\_  
 Manufacture: \_\_\_\_\_

**Pump Information:**  
 API Designation Example: 25 x 150 x RHAC X 20 X 6 X 2  
 Pump SN#: \_\_\_\_\_ Original Run Date: \_\_\_\_\_  
 RERUN \_\_\_\_\_ NEW RUN \_\_\_\_\_

ESP Well	Flowing Well	
Cable Size: _____	SN @ _____	5656'
Pump Intake @ _____	PKR @ _____	
End of Pump @ _____	EOT @ _____	5663'

**Wellhead Detail:** Example: 7-1/16" 3000#  
7-1/16" 5000#  
 Other: \_\_\_\_\_  
 Hanger: Yes \_\_\_\_\_ No

**SUMMARY**  
 9-13-05 Convert well to injection. New Halliburton PKR. Spot PKR fluid. MIT tested OK.  
**TBG LANDED ON 7-1/16" FLANGE**

**CONFIDENTIAL**



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
REGION 8

1595 Wynkoop Street  
DENVER, CO 80202-1129  
Phone 800-227-8917  
<http://www.epa.gov/region08>

JUL 11 2008

Ref: 8ENF-UFO

CERTIFIED MAIL 7006-3450-0002-2006-0308  
RETURN RECEIPT REQUESTED

RECEIVED

JUL 16 2008

DIV. OF OIL, GAS & MINING

Ann M. Petrik, Office Administrator  
QEP Uinta Basin, Inc.  
1571 East 1700 South  
Vernal, Utah 84078

43 047 34596

Re: Underground Injection Control (UIC)  
Permission To Resume Injection  
Wonsits Valley # 3G-8-8-22 Well  
EPA Permit # UT20954-06195  
Wonsits Valley Oil Field  
Uintah County, Utah

Accepted by the  
Utah Division of  
Oil, Gas and Mining  
FOR RECORD ONLY

85 22E 8

Dear Ms. Petrik:

On July 10, 2008, EPA received information from QEP Uinta Basin, Inc. on the above referenced well concerning the workover to replace the packer and the follow up mechanical integrity test (MIT) conducted on June 30, 2008. The data submitted shows that the well passed the required MIT. Therefore, pursuant to Title 40 of the Code of Federal Regulations Section 144.51(q)(2) (40 C.F.R. §144.51(q)(2)), permission to resume injection is granted. Under continuous service, the next MIT will be due on or before June 30, 2013.

Pursuant to 40 C.F.R. §144.52(a)(6), if the well is not used for a period of at least two (2) years ("temporary abandonment"), it shall be plugged and abandoned unless EPA is notified and procedures are described to EPA ensuring the well will not endanger underground sources of drinking water ("non-endangerment demonstration") during its continued temporary abandonment. A successful MIT is an acceptable non-endangerment demonstration and would be necessary every two (2) years the well continues in temporary abandonment.

Failure to comply with a UIC Permit, or the UIC regulations found at 40 C.F.R. Parts 144 through 148 constitute one or more violations of the Safe Drinking Water Act, 42 U.S.C. §300h. Such non-compliance may subject you to formal enforcement by EPA, as codified at 40 C.F.R. Part 22.

If you have any questions concerning this letter, you may contact Nathan Wiser at (303) 312-6211. Please direct all correspondence to the attention of Nathan Wiser at Mail Code 8ENF-UFO.

Sincerely,



Mark A.R. Chalfant  
Director  
Technical Enforcement Program

cc: Curtis Cesspooch, Chairman  
Uintah & Ouray Business Committee  
P.O. Box 190  
Fort Duchesne, Utah 84026

Shaun Chapoose, Land Use Department Director  
Ute Indian Tribe  
P.O. Box 460  
Fort Duchesne, Utah 84026

Gil Hunt  
Utah Division of Oil, Gas and Mining  
P.O. Box 145801  
Salt Lake City, Utah 84114

FOR RECORD ONLY  
OIL GAS AND MINING  
Utah Division of  
Approved by the



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
REGION 8

1595 Wynkoop Street  
DENVER, CO 80202-1129  
Phone 800-227-8917  
http://www.epa.gov/region08

FEB - 3 2009

Ref: 8ENF-UFO

CERTIFIED MAIL 7005-0390-0000-4848-5764  
RETURN RECEIPT REQUESTED

Ann Petrik, Engineering Analyst  
Questar Exploration and Production Company  
1050 17<sup>th</sup> Street, Suite 500  
Denver, Colorado 80265

43 047 34596  
83 22E 8

**Accepted by the  
Utah Division of  
Oil, Gas and Mining  
FOR RECORD ONLY**

Re: Underground Injection Control (UIC)  
Permission To Resume Injection  
WV #3G-8-8-22 Well  
EPA Permit #UT20954-06195  
Wonsits Valley Oil Field  
Uintah County, Utah

Dear Ms. Petrik:

On February 2, 2009, EPA received information from Questar Exploration and Production Company on the above referenced well concerning the workover to address a leaking packer and the followup mechanical integrity test (MIT) conducted on January 7, 2009. The data submitted shows that the well passed the required MIT. Therefore, pursuant to Title 40 of the Code of Federal Regulations Section 144.51(q)(2) (40 C.F.R. §144.51(q)(2)), permission to resume injection is granted. Under continuous service, the next MIT will be due on or before January 7, 2014.

Pursuant to 40 C.F.R. §144.52(a)(6), if the well is not used for a period of at least two (2) years ("temporary abandonment"), it shall be plugged and abandoned unless EPA is notified and procedures are described to EPA ensuring the well will not endanger underground sources of drinking water ("non-endangerment demonstration") during its continued temporary abandonment. A successful MIT is an acceptable non-endangerment demonstration and would be necessary every two (2) years the well continues in temporary abandonment.

Failure to comply with a UIC Permit, or the UIC regulations found at 40 C.F.R. Parts 144 through 148 constitute one or more violations of the Safe Drinking Water Act, 42 U.S.C. §300h. Such non-compliance may subject you to formal enforcement by EPA, as codified at 40 C.F.R. Part 22.

**RECEIVED**

**FEB 09 2009**

**DIV. OF OIL, GAS & MINING**

If you have any questions concerning this letter, you may contact Nathan Wiser at (303) 312-6211. Please direct all correspondence to the attention of Nathan Wiser at Mail Code 8ENF-UFO.

Sincerely,



Mark A.R. Chalfant  
Director  
Technical Enforcement Program

cc: Curtis Cesspooch, Chairman  
Uintah & Ouray Business Committee  
P.O. Box 190  
Fort Duchesne, Utah 84026

Michelle Sabori, Acting Environmental Director  
Ute Indian Tribe  
P.O. Box 460  
Fort Duchesne, Utah 84026

Gil Hunt  
Utah Division of Oil, Gas and Mining  
P.O. Box 145801  
Salt Lake City, Utah 84114



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
REGION 8

1595 Wynkoop Street  
DENVER, CO 80202-1129  
Phone 800-227-8917  
<http://www.epa.gov/region08>

Ref: 8ENF-UFO

JUN 18 2009

CERTIFIED MAIL 7001-2510-0006-3202-1873  
RETURN RECEIPT REQUESTED

Accepted by the  
Utah Division of  
Oil, Gas and Mining  
RECEIVED  
FOR RECORD ONLY JUN 22 2009  
DIV. OF OIL, GAS & MINING

Ann Petrik, Engineering Analyst  
Questar Exploration and Production Company  
1050 17<sup>th</sup> Street, Suite 500  
Denver, Colorado 80265

43 047 34596

Re: Underground Injection Control (UIC)  
Permission To Resume Injection  
WV #3G-8-8-22 Well  
EPA Permit #UT20954-06195  
Wonsits Valley Oil Field  
Uintah County, Utah

Dear Ms. Petrik:

85 22E 8

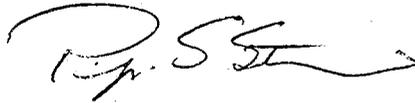
On June 17, 2009, EPA received information from Questar Exploration and Production Company on the above referenced well concerning the workover to address a leaking packer and the followup mechanical integrity test (MIT) conducted on May 19, 2009. The data submitted shows that the well passed the required MIT. Therefore, pursuant to Title 40 of the Code of Federal Regulations Section 144.51(q)(2) (40 C.F.R. §144.51(q)(2)), permission to resume injection is granted. Under continuous service, the next MIT will be due on or before May 19, 2014.

Pursuant to 40 C.F.R. §144.52(a)(6), if the well is not used for a period of at least two (2) years ("temporary abandonment"), it shall be plugged and abandoned unless EPA is notified and procedures are described to EPA ensuring the well will not endanger underground sources of drinking water ("non-endangerment demonstration") during its continued temporary abandonment. A successful MIT is an acceptable non-endangerment demonstration and would be necessary every two (2) years the well continues in temporary abandonment.

Failure to comply with a UIC Permit, or the UIC regulations found at 40 C.F.R. Parts 144 through 148 constitute one or more violations of the Safe Drinking Water Act, 42 U.S.C. §300h. Such non-compliance may subject you to formal enforcement by EPA, as codified at 40 C.F.R. Part 22.

If you have any questions concerning this letter, you may contact Nathan Wiser at (303) 312-6211. Please direct all correspondence to the attention of Nathan Wiser at Mail Code 8ENF-UFO.

Sincerely,



for Mark A.R. Chalfant  
Director  
Technical Enforcement Program

cc: Curtis Cesspooch, Chairman  
Uintah & Ouray Business Committee  
P.O. Box 190  
Fort Duchesne, Utah 84026

Ferron Secakuku, Natural Resources Director  
Ute Indian Tribe  
P.O. Box 190  
Fort Duchesne, Utah 84026

Gil Hunt  
Utah Division of Oil, Gas and Mining  
P.O. Box 145801  
Salt Lake City, Utah 84114



A. M. Petrik  
Phone: 303-308-3053  
Fax: 303-308-3619  
Email: ann.petrik@questar.com

**Questar Exploration and Production Company**

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

**Rocky Mountain Region**

June 15, 2009

Nathan Wiser (8ENF-UFO)  
U.S. Environmental protection Agency, Region 8  
1595 Wynkoop Street  
Denver, Colorado 80202-1129

Accepted by the  
Utah Division of  
Oil, Gas and Mining  
**FOR RECORD ONLY**

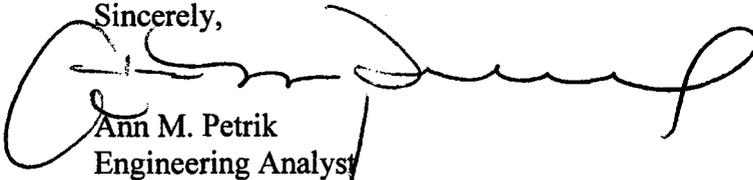
RE: WV 3G-8-8-22  
EPA # UT20954-06195  
API # 43-047-34596  
NENW Section 8 T8S R22E

Dear Mr. Wiser:

The above referenced well has been repaired and tested. The well rework record (Form 7520-12) and the results of a successful Mechanical Integrity Test (MIT) are attached.

QEP respectfully requests authorization from your office to resume injection. If you have any questions or need additional information, I can be reached in the Denver office at (303) 308-3053.

Sincerely,



Ann M. Petrik  
Engineering Analyst

Enclosures: Well Rework Record  
Casing or Annulus Pressure Mechanical Integrity Test  
Daily Workover Reports  
Wellbore Schematic

CC: Utah Division of Oil Gas and Mining  
1594 West North Temple, Suite 1210  
P.O. Box 145801  
Salt Lake City, Utah 84114-5801

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

**RECEIVED**

**JUN 22 2009**

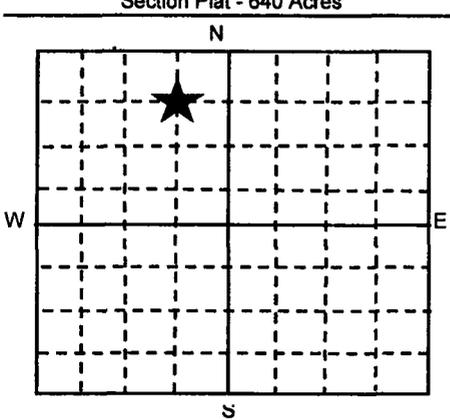
**DIV. OF OIL, GAS & MINING**

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460

**WELL REWORK RECORD**

<b>NAME AND ADDRESS OF PERMITTEE</b> QEP Uinta Basin, Inc 11002 East 17500 South Vernal, UT 84078	<b>NAME AND ADDRESS OF CONTRACTOR</b> Key Energy #128 PO Box 676364 Dallas TX 75267
--	--

STATE <b>UTAH</b>	COUNTY <b>Uintah</b>	PERMIT NUMBER <b>UT20954-06195</b>
----------------------	-------------------------	---------------------------------------



**SURFACE LOCATION DESCRIPTION**  
**NE 1/4 of NW 1/4 of Section 8 Township 8S Range 22E**

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

Surface Location 730 ft. From (N/S) FNL Line of Quarter Section  
 And 2021 ft. From (E/W) FWL Line of Quarter Section

<b>WELL ACTIVITY</b> <input type="checkbox"/> Brine Disposal <input checked="" type="checkbox"/> Enhanced Recovery <input type="checkbox"/> Hydrocarbon Storage  Lease Name	Total Depth Before Rework 5900'  Total Depth After Rework 5900'  Date Rework Commenced 5/18/2009  Date Rework Completed 5/19/2009	<b>TYPE OF PERMIT</b> <input checked="" type="checkbox"/> Individual <input type="checkbox"/> Area  Number of Wells <u>1</u>  Well Number <b>WV 3G-8-8-22</b>
--	---	--

**WELL CASING RECORD - BEFORE REWORK**

Casing		Cement		Perforations		Acid or Fracture Treatment Record
Size	Depth	Sacks	Type	From	To	
9-5/8"	484'	175	K-55	5709'	5718'	
5-1/2"	5898	700	J-55			

**WELL CASING RECORD - AFTER REWORK (Indicate Additions and Changes Only)**

Casing		Cement		Perforations		Acid or Fracture Treatment Record
Size	Depth	Sacks	Type	From	To	

**DESCRIBE REWORK OPERATIONS IN DETAIL**  
 USE ADDITIONAL SHEETS IF NECESSARY

See attached rig work tour reports for daily detail.

**WIRE LINE LOGS, LIST EACH TYPE**

Log Types	Logged Intervals

**CERTIFICATION**

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

NAME AND OFFICIAL TITLE Ann M. Petrik, Engineering Analyst EPA Form 7520-12	SIGNATURE 	DATE SIGNED 6/15/2009
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**WELL NUMBER:** WV 3G-8-8-22  
**GL #:** \_\_\_\_\_  
**SPUD DATE:** \_\_\_\_\_  
**CASING SIZE:** 5 1/2", 15.5#, J-55  
**CASING DEPTH:** 5900'  
**Ser. Co.& Rig #:** Key #128

**Report Date:** 5/19/09  
**Report Written By:** L. McGillivray  
**Final Drilling Cost:** \_\_\_\_\_  
**Final Completion Date:** \_\_\_\_\_  
**TD:** 5900'  
**PBTD:** 5825'

**COSTS**

860 Production Rig Work

	<b>DAILY</b>	<b>CUMULATIVE</b>	
<b>519</b> Fishing		\$ -	<b>Daily Fluid Report</b> Load from yesterday: <input type="text"/> Minus daily recovery: <input type="text"/> Plus water today: <input type="text"/> Load left to recover: <input type="text"/>
<b>519</b> Completion rig	4,200	\$ 4,200	
<b>519</b> Wireline services		\$ -	
<b>519</b> Materials & supplies		\$ -	
<b>519</b> Water hauled to location	300	\$ 300	<b>Perfs</b> _____ _____ _____ _____ _____ _____ _____ _____ _____ _____ _____ _____ _____ _____ _____ _____
<b>519</b> Bottom hole pumps		\$ -	
<b>519</b> Other subsurface parts		\$ -	
<b>519</b> Cased hole logs		\$ -	
<b>519</b> Well test & flowback		\$ -	
<b>519</b> Formation stimulation		\$ -	
<b>519</b> Perforating		\$ -	
<b>519</b> Cementing		\$ -	
<b>519</b> Labor, supervision		\$ -	
<b>519</b> Hauling fluids from location	220	\$ 220	
<b>519</b> Hot oil truck	682	\$ 682	
<b>519</b> Trucking/freight	1,200	\$ 1,200	
<b>519</b> Surface equipment rental	6	\$ 6	
<b>519</b> Other costs-		\$ -	
<b>519</b> Chemicals		\$ -	
<b>519</b> Testing Anchors		\$ -	
<b>TOTAL DAILY COST &gt;</b>	6,608	\$ 6,608	<b>&lt; TOTAL CUMULATIVE COST</b>

**DAILY TOUR REPORT: Packer Leak**

05-18-09 7:00 AM MIRU. Well open to flow line w/ 50 psi on each side. Bleed down well, drop SV, chase to seat w/ sand line and sinker bars. Test tubing to 1000 psi, held 15 minutes, bleed down tubing. Test casing packer to 1100 psi "no test", losing 30 psi/minute. NDWH, unload tubing, NUBOPs, PU rig floor, release packer. Fish SV  
Secure well, SDFN 7:30PM

24 hr forecast: Replace packer, test casing

**Tubing Detail: (Final)**

**Rod Detail: (Final)**

**Pump:**

_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

**Tubing tail @:** 0.00



## MECHANICAL INTEGRITY TEST CASING OR ANNULUS PRESSURE TEST

U.S. ENVIRONMENTAL PROTECTION AGENCY  
UNDERGROUND INJECTION CONTROL PROGRAM, UIC IMPLEMENTATION SECTION (8P-W-GW)  
999 18TH STREET, SUITE 300, DENVER, CO. 80202-2466

EPA WITNESS: NATHAN WISER                      DATE: 5/19/2009                      TIME: 3:30  AM  PM

TEST CONDUCTED BY: Dennis J. Paulson (Questar)

OTHERS PRESENT: EPA INSPECTION, JESSIE (KEY RIG)

API NUMBER: 43-047-34596                      EPA ID NUMBER: UT20954-06195

WELL NAME: <u>WV 3G-8-8-22</u>	TYPE: <input checked="" type="checkbox"/> ER <input type="checkbox"/> SWD	STATUS: <input type="checkbox"/> AC <input type="checkbox"/> TA <input checked="" type="checkbox"/> UC	
FIELD: <u>WONSITS VALLEY</u>			
WELL LOCATION: <u>NENW SECT.8-T8-R22E</u> <input type="checkbox"/> N <input type="checkbox"/> S	<input type="checkbox"/> E <input type="checkbox"/> W	COUNTY: <u>UINTAH</u>	STATE: <u>UTAH</u>
OPERATOR: <u>QEP UINTA BASIN INC.</u>			
LAST MIT: <u>7-Jan-09</u>	MAXIMUM ALLOWABLE PRESSURE: <u>1600</u>	PSIG	

IS THIS A REGULAR SCHEDULED TEST?     YES     NO

INITIAL TEST FOR PERMIT?     YES     NO

TEST AFTER WELL WORK?     YES     NO

WELL INJECTING DURING TEST?     YES     NO    IF YES, RATE: \_\_\_\_\_ BPD

PRE-TEST CASING/TUBING ANNULUS PRESSURE: 0 :PSIG

MIT DATA TABLE	TEST #1	TEST #2	TEST #3
TUBING	PRESSURE		
INITIAL PRESSURE	100    PSIG	PSIG	PSIG
END OF TEST PRESSURE	100    PSIG	PSIG	PSIG

CASING/TUBING	ANNULUS	TUBING	
0 MINUTES	1081.7 @16:58:59	100 PSIG	PSIG
5 MINUTES	1040. @ 17:03:59	105 PSIG	PSIG
10 MINUTES	1029.5 @17:08:59	105 PSIG	PSIG
15 MINUTES	1022.8 @17:14:00	105 PSIG	PSIG
20 MINUTES	1015.4 @17:19:10	105 PSIG	PSIG
25 MINUTES	1008.3 @17:24:09	105 PSIG	PSIG
30 MINUTES	1001 @17:29:19	105 PSIG	PSIG
35 MINUTES	0	60 PSIG	PSIG
MINUTES	PSIG	PSIG	PSIG
RESULT	<input checked="" type="checkbox"/> PASS <input type="checkbox"/> FAIL	<input type="checkbox"/> PASS <input type="checkbox"/> FAIL	<input type="checkbox"/> PASS <input type="checkbox"/> FAIL

DOES THE ANNULUS PRESSURE BUILD BACK UP AFTER THE TEST?     YES     NO

QUESTAR EXPLORATION AND PRODUCTION CO

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3000 PSIG		7049-1	30 MAR		2009		CASING	TUBING	AMBIENT
DATE	MONTH	YEAR	TIME	FILE	SAMPLE	PSIG	PSIG	TEMP.	
19 MAY		2009	16:48:30		1	1	0	91	
19 MAY		2009	16:53:34		1	2	32.989	89	
19 MAY		2009	16:53:47		1	3	274.37	89	
19 MAY		2009	16:54:00		1	4	516.2	89	
19 MAY		2009	16:54:17		1	5	756.1	89	
19 MAY		2009	16:54:29		1	6	962.2	89	
19 MAY		2009	16:54:39		1	7	959.2	89	
19 MAY		2009	16:54:49		1	8	955.1	89	
19 MAY		2009	16:55:00		1	9	951.9	89	
19 MAY		2009	16:55:12		1	10	948.4	89	
19 MAY		2009	16:55:19		1	11	945.3	89	
19 MAY		2009	16:55:29		1	12	908.8	89	
19 MAY		2009	16:55:39		1	13	891.2	89	
19 MAY		2009	16:55:49		1	14	873.7	89	
19 MAY		2009	16:56:00		1	15	851.5	88	
19 MAY		2009	16:56:12		1	16	888.8	88	
19 MAY		2009	16:56:19		1	17	918.5	88	
19 MAY		2009	16:56:29		1	18	951.5	88	
19 MAY		2009	16:56:39		1	19	989.8	88	
19 MAY		2009	16:56:49		1	20	1002.3	88	
19 MAY		2009	16:56:59		1	21	1003.7	88	
19 MAY		2009	16:57:10		1	22	1002.2	88	
19 MAY		2009	16:57:22		1	23	999.9	88	
19 MAY		2009	16:57:29		1	24	997.8	88	
19 MAY		2009	16:57:39		1	25	995.7	88	
19 MAY		2009	16:57:49		1	26	989.4	88	
19 MAY		2009	16:57:59		1	27	988.4	88	
19 MAY		2009	16:58:10		1	28	1005.5	88	
19 MAY		2009	16:58:22		1	29	1029.5	88	
19 MAY		2009	16:58:29		1	30	1057	88	
19 MAY		2009	16:58:39		1	31	1080.1	87	
19 MAY		2009	16:58:49		1	32	1084.4	87	
19 MAY		2009	16:58:59		1	33	1081.7	100 87	
19 MAY		2009	16:59:10		1	34	1079.4	87	
19 MAY		2009	16:59:22		1	35	1076.6	87	
19 MAY		2009	16:59:29		1	36	1074.5	87	
19 MAY		2009	16:59:39		1	37	1072.7	87	
19 MAY		2009	16:59:49		1	38	1071.1	87	
19 MAY		2009	16:59:59		1	39	1069.3	87	
19 MAY		2009	17:00:09		1	40	1067.4	87	
19 MAY		2009	17:00:20		1	41	1065.5	87	
19 MAY		2009	17:00:32		1	42	1063.5	87	
19 MAY		2009	17:00:39		1	43	1061.7	87	

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19 MAY	2009	17:00:49	1	44	1059.9		87
19 MAY	2009	17:00:59	1	45	1058.1		87
19 MAY	2009	17:01:09	1	46	1056.5		87
19 MAY	2009	17:01:20	1	47	1054.7		87
19 MAY	2009	17:01:32	1	48	1052.9		87
19 MAY	2009	17:01:39	1	49	1051.4		87
19 MAY	2009	17:01:49	1	50	1050.1		87
19 MAY	2009	17:01:59	1	51	1049		87
19 MAY	2009	17:02:09	1	52	1048.2		87
19 MAY	2009	17:02:20	1	53	1047.3		87
19 MAY	2009	17:02:32	1	54	1046.4		87
19 MAY	2009	17:02:39	1	55	1045.6		87
19 MAY	2009	17:02:49	1	56	1044.8		87
19 MAY	2009	17:02:59	1	57	1044.1		86
19 MAY	2009	17:03:09	1	58	1043.3		86
19 MAY	2009	17:03:19	1	59	1042.6		86
19 MAY	2009	17:03:30	1	60	1041.9		86
19 MAY	2009	17:03:42	1	61	1041.2		86
19 MAY	2009	17:03:49	1	62	1040.6		86
19 MAY	2009	17:03:59	1	63	1040	105	86
19 MAY	2009	17:04:09	1	64	1039.4		86
19 MAY	2009	17:04:19	1	65	1038.9		86
19 MAY	2009	17:04:30	1	66	1038.4		86
19 MAY	2009	17:04:42	1	67	1037.8		86
19 MAY	2009	17:04:49	1	68	1037.3		86
19 MAY	2009	17:04:59	1	69	1036.8		86
19 MAY	2009	17:05:09	1	70	1036.3		86
19 MAY	2009	17:05:19	1	71	1035.8		86
19 MAY	2009	17:05:30	1	72	1035.3		86
19 MAY	2009	17:05:42	1	73	1034.9		86
19 MAY	2009	17:05:49	1	74	1034.5		86
19 MAY	2009	17:05:59	1	75	1034.2		86
19 MAY	2009	17:06:09	1	76	1033.9		86
19 MAY	2009	17:06:19	1	77	1033.6		86
19 MAY	2009	17:06:29	1	78	1033.4		86
19 MAY	2009	17:06:40	1	79	1033.1		86
19 MAY	2009	17:06:52	1	80	1032.8		86
19 MAY	2009	17:06:59	1	81	1032.5		86
19 MAY	2009	17:07:09	1	82	1032.2		86
19 MAY	2009	17:07:19	1	83	1032		86
19 MAY	2009	17:07:29	1	84	1031.7		86
19 MAY	2009	17:07:40	1	85	1031.5		86
19 MAY	2009	17:07:52	1	86	1031.2		86
19 MAY	2009	17:07:59	1	87	1030.9		86
19 MAY	2009	17:08:09	1	88	1030.7		86
19 MAY	2009	17:08:19	1	89	1030.4		86

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19 MAY	2009	17:08:29	1	90	1030.2		86
19 MAY	2009	17:08:40	1	91	1030		86
19 MAY	2009	17:08:52	1	92	1029.7		86
19 MAY	2009	17:08:59	1	93	1029.5	105	86
19 MAY	2009	17:09:09	1	94	1029.3		86
19 MAY	2009	17:09:19	1	95	1029		86
19 MAY	2009	17:09:29	1	96	1028.8		85
19 MAY	2009	17:09:39	1	97	1028.6		85
19 MAY	2009	17:09:50	1	98	1028.4		85
19 MAY	2009	17:10:02	1	99	1028.1		85
19 MAY	2009	17:10:09	1	100	1027.9		85
19 MAY	2009	17:10:19	1	101	1027.7		85
19 MAY	2009	17:10:29	1	102	1027.5		85
19 MAY	2009	17:10:39	1	103	1027.2		85
19 MAY	2009	17:10:50	1	104	1027		85
19 MAY	2009	17:11:02	1	105	1026.8		85
19 MAY	2009	17:11:09	1	106	1026.5		85
19 MAY	2009	17:11:19	1	107	1026.3		85
19 MAY	2009	17:11:29	1	108	1026.1		85
19 MAY	2009	17:11:39	1	109	1025.9		85
19 MAY	2009	17:11:50	1	110	1025.7		85
19 MAY	2009	17:12:02	1	111	1025.4		85
19 MAY	2009	17:12:09	1	112	1025.2		85
19 MAY	2009	17:12:19	1	113	1025		85
19 MAY	2009	17:12:29	1	114	1024.8		85
19 MAY	2009	17:12:39	1	115	1024.6		85
19 MAY	2009	17:12:50	1	116	1024.3		85
19 MAY	2009	17:13:02	1	117	1024.1		85
19 MAY	2009	17:13:09	1	118	1023.9		85
19 MAY	2009	17:13:19	1	119	1023.6		85
19 MAY	2009	17:13:29	1	120	1023.4		85
19 MAY	2009	17:13:39	1	121	1023.2		85
19 MAY	2009	17:13:49	1	122	1023		85
19 MAY	2009	17:14:00	1	123	1022.8	105	85
19 MAY	2009	17:14:12	1	124	1022.6		85
19 MAY	2009	17:14:19	1	125	1022.3		85
19 MAY	2009	17:14:29	1	126	1022.1		85
19 MAY	2009	17:14:39	1	127	1021.9		85
19 MAY	2009	17:14:49	1	128	1021.7		85
19 MAY	2009	17:15:00	1	129	1021.4		85
19 MAY	2009	17:15:12	1	130	1021.2		85
19 MAY	2009	17:15:19	1	131	1020.9		85
19 MAY	2009	17:15:29	1	132	1020.7		85
19 MAY	2009	17:15:39	1	133	1020.4		85
19 MAY	2009	17:15:49	1	134	1020.2		85

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19 MAY	2009	17:16:00	1	135	1019.9		85
19 MAY	2009	17:16:12	1	136	1019.7		85
19 MAY	2009	17:16:19	1	137	1019.4		85
19 MAY	2009	17:16:29	1	138	1019.2		85
19 MAY	2009	17:16:39	1	139	1019		85
19 MAY	2009	17:16:49	1	140	1018.8		84
19 MAY	2009	17:16:59	1	141	1018.5		85
19 MAY	2009	17:17:10	1	142	1018.3		84
19 MAY	2009	17:17:22	1	143	1018		84
19 MAY	2009	17:17:29	1	144	1017.8		84
19 MAY	2009	17:17:39	1	145	1017.5		84
19 MAY	2009	17:17:49	1	146	1017.3		84
19 MAY	2009	17:17:59	1	147	1017.1		84
19 MAY	2009	17:18:10	1	148	1016.8		84
19 MAY	2009	17:18:22	1	149	1016.6		84
19 MAY	2009	17:18:29	1	150	1016.3		84
19 MAY	2009	17:18:39	1	151	1016.1		84
19 MAY	2009	17:18:49	1	152	1015.9		84
19 MAY	2009	17:18:59	1	153	1015.6		84
19 MAY	2009	17:19:10	1	154	1015.4	105	84
19 MAY	2009	17:19:22	1	155	1015.1		84
19 MAY	2009	17:19:29	1	156	1014.9		84
19 MAY	2009	17:19:39	1	157	1014.7		84
19 MAY	2009	17:19:49	1	158	1014.4		84
19 MAY	2009	17:19:59	1	159	1014.2		84
19 MAY	2009	17:20:09	1	160	1014		84
19 MAY	2009	17:20:20	1	161	1013.7		84
19 MAY	2009	17:20:32	1	162	1013.5		84
19 MAY	2009	17:20:39	1	163	1013.3		84
19 MAY	2009	17:20:49	1	164	1013		84
19 MAY	2009	17:20:59	1	165	1012.8		84
19 MAY	2009	17:21:09	1	166	1012.5		84
19 MAY	2009	17:21:20	1	167	1012.3		84
19 MAY	2009	17:21:32	1	168	1012.1		84
19 MAY	2009	17:21:39	1	169	1011.8		84
19 MAY	2009	17:21:49	1	170	1011.6		84
19 MAY	2009	17:21:59	1	171	1011.4		84
19 MAY	2009	17:22:09	1	172	1011.1		84
19 MAY	2009	17:22:20	1	173	1010.9		84
19 MAY	2009	17:22:32	1	174	1010.7		84
19 MAY	2009	17:22:39	1	175	1010.4		84
19 MAY	2009	17:22:49	1	176	1010.2		84
19 MAY	2009	17:22:59	1	177	1010		84
19 MAY	2009	17:23:09	1	178	1009.7		84
19 MAY	2009	17:23:19	1	179	1009.5		84

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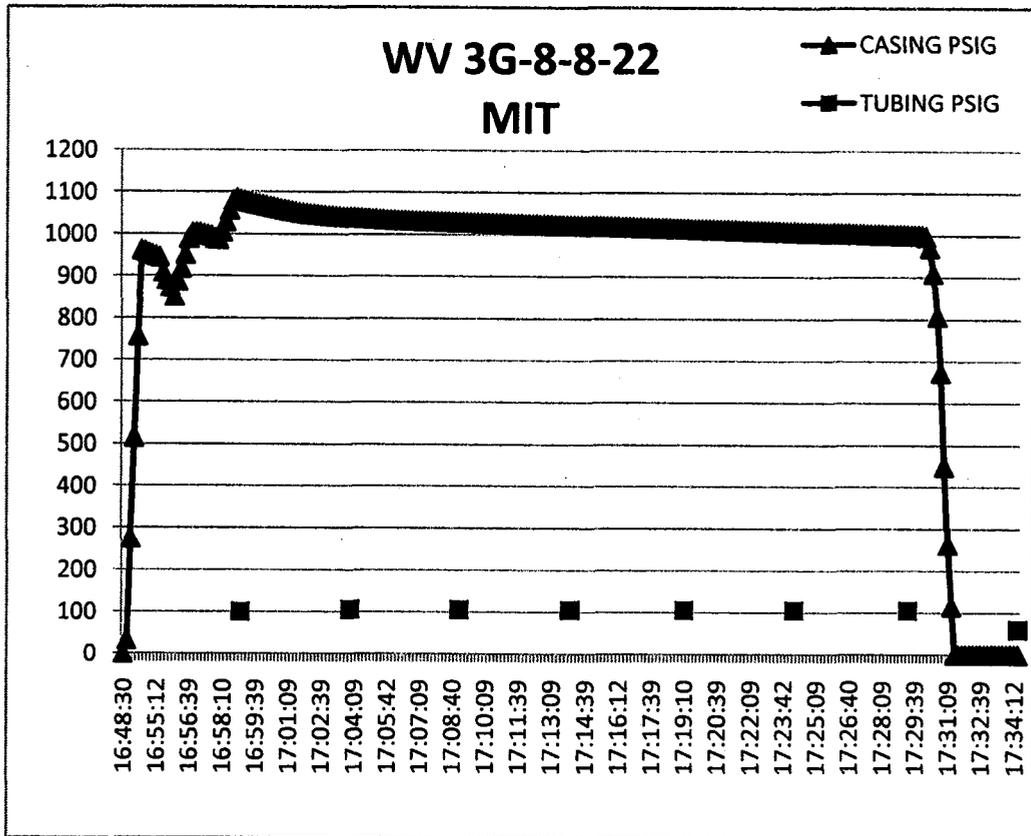
19 MAY	2009	17:23:30	1	180	1009.3		84
19 MAY	2009	17:23:42	1	181	1009		84
19 MAY	2009	17:23:49	1	182	1008.8		84
19 MAY	2009	17:23:59	1	183	1008.5		84
19 MAY	2009	17:24:09	1	184	1008.3	105	84
19 MAY	2009	17:24:19	1	185	1008.1		84
19 MAY	2009	17:24:30	1	186	1007.8		84
19 MAY	2009	17:24:42	1	187	1007.6		84
19 MAY	2009	17:24:49	1	188	1007.3		84
19 MAY	2009	17:24:59	1	189	1007.1		83
19 MAY	2009	17:25:09	1	190	1006.9		83
19 MAY	2009	17:25:19	1	191	1006.7		83
19 MAY	2009	17:25:30	1	192	1006.4		83
19 MAY	2009	17:25:42	1	193	1006.2		83
19 MAY	2009	17:25:49	1	194	1006		83
19 MAY	2009	17:25:59	1	195	1005.7		83
19 MAY	2009	17:26:09	1	196	1005.5		83
19 MAY	2009	17:26:19	1	197	1005.3		83
19 MAY	2009	17:26:29	1	198	1005		83
19 MAY	2009	17:26:40	1	199	1004.8		83
19 MAY	2009	17:26:52	1	200	1004.5		83
19 MAY	2009	17:26:59	1	201	1004.3		83
19 MAY	2009	17:27:09	1	202	1004		83
19 MAY	2009	17:27:19	1	203	1003.8		83
19 MAY	2009	17:27:29	1	204	1003.6		83
19 MAY	2009	17:27:40	1	205	1003.3		83
19 MAY	2009	17:27:52	1	206	1003.1		83
19 MAY	2009	17:27:59	1	207	1002.8		83
19 MAY	2009	17:28:09	1	208	1002.6		83
19 MAY	2009	17:28:19	1	209	1002.4		83
19 MAY	2009	17:28:29	1	210	1002.1		83
19 MAY	2009	17:28:40	1	211	1001.9		83
19 MAY	2009	17:28:52	1	212	1001.7		83
19 MAY	2009	17:28:59	1	213	1001.4		83
19 MAY	2009	17:29:09	1	214	1001.2		83
19 MAY	2009	17:29:19	1	215	1001	105	83
19 MAY	2009	17:29:29	1	216	1000.8		83
19 MAY	2009	17:29:39	1	217	1000.5		83
19 MAY	2009	17:29:50	1	218	1000.3		83
19 MAY	2009	17:30:02	1	219	1000		83
19 MAY	2009	17:30:09	1	220	997.6		83
19 MAY	2009	17:30:19	1	221	971.5		83
19 MAY	2009	17:30:29	1	222	909.7		83
19 MAY	2009	17:30:39	1	223	807.4		83
19 MAY	2009	17:30:50	1	224	672.9		83

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19 MAY	2009	17:31:02	1	225	449.37	83	
19 MAY	2009	17:31:09	1	226	262.17	83	
19 MAY	2009	17:31:19	1	227	115.19	83	
19 MAY	2009	17:31:29	1	228	0	83	
19 MAY	2009	17:31:39	1	229	0	83	
19 MAY	2009	17:31:50	1	230	0	83	
19 MAY	2009	17:32:02	1	231	0	83	
19 MAY	2009	17:32:09	1	232	0	83	
19 MAY	2009	17:32:19	1	233	0	83	
19 MAY	2009	17:32:29	1	234	0	83	
19 MAY	2009	17:32:39	1	235	0	83	
19 MAY	2009	17:32:49	1	236	0	83	
19 MAY	2009	17:33:00	1	237	0	83	
19 MAY	2009	17:33:12	1	238	0	83	
19 MAY	2009	17:33:19	1	239	0	83	
19 MAY	2009	17:33:29	1	240	0	83	
19 MAY	2009	17:33:39	1	241	0	83	
19 MAY	2009	17:33:49	1	242	0	83	
19 MAY	2009	17:34:00	1	243	0	83	
19 MAY	2009	17:34:12	1	244	0	83	
19 MAY	2009	17:34:19	1	245	0	60	83





UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
REGION 8

1595 Wynkoop Street  
DENVER, CO 80202-1129  
Phone 800-227-8917  
<http://www.epa.gov/region08>

Ref: 8ENF-UFO

AUG 13 2009

CERTIFIED MAIL 7005-1160-0005-3396-8428  
RETURN RECEIPT REQUESTED

**Accepted by the  
Utah Division of  
Oil, Gas and Mining  
FOR RECORD ONLY**

Ann Petrik, Engineering Analyst  
Questar Exploration and Production Company  
Independence Plaza  
1050 17<sup>th</sup> Street, Suite 500  
Denver, Colorado 80265

43 047 34596  
8S 22E 8

Re: Underground Injection Control (UIC)  
Permission To Resume Injection  
WV #3G-8-8-22 Well  
EPA Permit #UT20954-06195  
Wonsits Valley Oil Field  
Uintah County, Utah

**RECEIVED  
AUG 17 2009**

Dear Ms. Petrik:

**DIV. OF OIL, GAS & MINING**

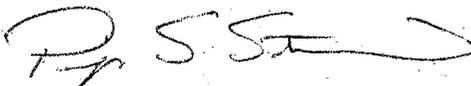
On August 12, 2009, EPA received information from Questar Exploration and Production Company via e-mail on the above referenced well concerning the workover to address a leak in one tubing joint and the followup mechanical integrity test (MIT) conducted on August 11, 2009. The data submitted shows that the well passed the required MIT. Therefore, pursuant to Title 40 of the Code of Federal Regulations Section 144.51(q)(2) (40 C.F.R. §144.51(q)(2)), permission to resume injection is granted. Under continuous service, the next MIT will be due on or before August 11, 2014.

Pursuant to 40 C.F.R. §144.52(a)(6), if the well is not used for a period of at least two (2) years ("temporary abandonment"), it shall be plugged and abandoned unless EPA is notified and procedures are described to EPA ensuring the well will not endanger underground sources of drinking water ("non-endangerment demonstration") during its continued temporary abandonment. A successful MIT is an acceptable non-endangerment demonstration and would be necessary every two (2) years the well continues in temporary abandonment.

Failure to comply with a UIC Permit, or the UIC regulations found at 40 C.F.R. Parts 144 through 148 constitute one or more violations of the Safe Drinking Water Act, 42 U.S.C. §300h. Such non-compliance may subject you to formal enforcement by EPA, as codified at 40 C.F.R. Part 22.

If you have any questions concerning this letter, you may contact Nathan Wiser at (303) 312-6211. Please direct all correspondence to the attention of Nathan Wiser at Mail Code 8ENF-UFO.

Sincerely,



for Mark A.R. Chalfant  
Director  
Technical Enforcement Program

cc: Curtis Cesspooch, Chairman  
Uintah & Ouray Business Committee  
P.O. Box 190  
Fort Duchesne, Utah 84026

Ferron Secakuku, Natural Resources Director  
Ute Indian Tribe  
P.O. Box 190  
Fort Duchesne, Utah 84026

Gil Hunt  
Utah Division of Oil, Gas and Mining  
P.O. Box 145801  
Salt Lake City, Utah 84114

Division of Oil, Gas and Mining  
**OPERATOR CHANGE WORKSHEET** (for state use only)

**ROUTING**  
 CDW

Change of Operator (Well Sold)

**X - Operator Name Change**

The operator of the well(s) listed below has changed, effective:

**6/14/2010**

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

**CA No.**

**Unit:**

**WONSITS VALLEY**

WELL NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
SEE ATTACHED								

**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 6/28/2010
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 6/28/2010
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 6/24/2010
- a. Is the new operator registered in the State of Utah: Business Number: 764611-0143
- a. (R649-9-2) Waste Management Plan has been received on: Requested
- b. Inspections of LA PA state/fee well sites complete on: n/a
- c. Reports current for Production/Disposition & Sundries on: ok
- Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM 8/16/2010 BIA not yet
- Federal and Indian Units:**  
The BLM or BIA has approved the successor of unit operator for wells listed on: 8/16/2010
- Federal and Indian Communization Agreements ("CA"):**  
The BLM or BIA has approved the operator for all wells listed within a CA on: N/A
- Underground Injection Control ("UIC")** Division has approved UIC Form 5 Transfer of Authority to **Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: 6/29/2010

**DATA ENTRY:**

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

**BOND VERIFICATION:**

- Federal well(s) covered by Bond Number: ESB000024
- Indian well(s) covered by Bond Number: 965010693
- a. (R649-3-1) The **NEW** operator of any state/fee well(s) listed covered by Bond Number 965010695
- b. The **FORMER** operator has requested a release of liability from their bond on: n/a

**LEASE INTEREST OWNER NOTIFICATION:**

- (R649-2-10) The **NEW** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: n/a

**COMMENTS:**

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

FORM 9

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>		5. LEASE DESIGNATION AND SERIAL NUMBER: See attached
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: See attached
		7. UNIT or CA AGREEMENT NAME: See attached
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____	8. WELL NAME and NUMBER: See attached	
2. NAME OF OPERATOR: Questar Exploration and Production Company <i>N5085</i>		9. API NUMBER: Attached
3. ADDRESS OF OPERATOR: 1050 17th Street, Suite 500 <small>CITY</small> Denver <small>STATE</small> CO <small>ZIP</small> 80265	PHONE NUMBER: (303) 672-6900	10. FIELD AND POOL, OR WILDCAT: See attached
4. LOCATION OF WELL FOOTAGES AT SURFACE: See attached		COUNTY: Attached
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:		STATE: <b>UTAH</b>

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

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

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

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) <u>Morgan Anderson</u>	TITLE <u>Regulatory Affairs Analyst</u>
SIGNATURE <i>Morgan Anderson</i>	DATE <u>6/23/2010</u>

(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

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

well_name	sec	twp	rng	api	entity	mineral lease	type	stat	C
WV 16	15	080S	210E	4304715447	5265	Federal	WI	A	
WV 21	16	080S	210E	4304715452	5670	State	WI	A	
WV 31	14	080S	210E	4304715460	5265	Federal	WI	A	
WV 35	14	080S	210E	4304715463	5265	Federal	WI	A	
WV 36	10	080S	210E	4304715464	5265	Federal	WI	A	
WV 41	15	080S	210E	4304715469	5265	Federal	WI	A	
WV 50	15	080S	210E	4304715477	5265	Federal	WI	A	
WV 59	14	080S	210E	4304720018	5265	Federal	WI	A	
WV 60	15	080S	210E	4304720019	5265	Federal	WI	A	
WV 67	15	080S	210E	4304720043	5265	Federal	WI	A	
WV 68	15	080S	210E	4304720047	5265	Federal	WI	A	
WV 72	16	080S	210E	4304720058	5670	State	WI	A	
WV 73	16	080S	210E	4304720066	5265	State	WI	PA	
WV 78	16	080S	210E	4304720115	5670	State	WI	A	
WV 97	11	080S	210E	4304730014	5265	Federal	WI	A	
WV 126	21	080S	210E	4304730796	5265	Federal	WI	A	
WV 28-2	11	080S	210E	4304731524	5670	Federal	WI	A	
WV 140	15	080S	210E	4304731707	5265	Federal	WI	A	
WV 40-2	10	080S	210E	4304731798	5265	Federal	WI	A	
WV 143	10	080S	210E	4304731808	5265	Federal	WI	A	
WV 71-2	15	080S	210E	4304732449	5265	Federal	WI	A	
WV 120	22	080S	210E	4304732462	5265	Federal	WI	A	
WV 3G-8-8-22	08	080S	220E	4304734596	5265	Federal	WI	A	

Bonds: BLM = ESB000024  
BIA = 956010693  
State = 965010695



# United States Department of the Interior



## BUREAU OF LAND MANAGEMENT

Utah State Office

P.O. Box 45155

Salt Lake City, UT 84145-0155

<http://www.blm.gov/ut/st/en.html>

IN REPLY REFER TO:  
3100  
(UT-922)

JUL 28 2010

### Memorandum

To: Vernal Field Office, Price Field Office, Moab Field Office

From: Chief, Branch of Minerals

*Roger L. Bankart*

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 & MINERALS

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

UIC FORM 5

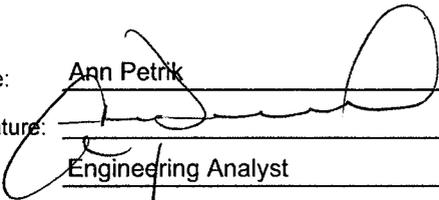
TRANSFER OF AUTHORITY TO INJECT

Well Name and Number See Attached List	API Number Attached
Location of Well Footage : Attached County :	Field or Unit Name Attached
QQ, Section, Township, Range: State : UTAH	Lease Designation and Number Attached

EFFECTIVE DATE OF TRANSFER: 6/14/2010

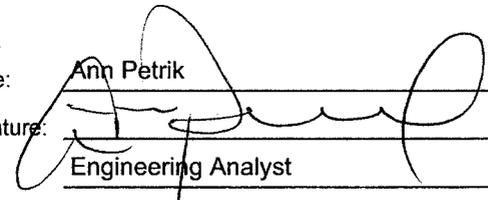
CURRENT OPERATOR

Company: Questar Exploration and Production Company  
Address: 1050 17th Street, Suite 500  
city Denver state CO zip 80265  
Phone: (303) 672-6900  
Comments:

Name: Ann Petrik  
Signature:   
Title: Engineering Analyst  
Date: 6/28/2010

NEW OPERATOR

Company: QEP Energy Company  
Address: 1050 17th Street, Suite 500  
city Denver state CO zip 80265  
Phone: (303) 672-6900  
Comments:

Name: Ann Petrik  
Signature:   
Title: Engineering Analyst  
Date: 6/28/2010

(This space for State use only)

Transfer approved by: \_\_\_\_\_  
Title: \_\_\_\_\_

Approval Date: \_\_\_\_\_

Comments:

**Accepted by the  
Utah Division of  
Oil, Gas and Mining**  
Date: 6/29/10  
By: D. Jones

*EPA approved well*

RECEIVED

JUN 28 2010

DIV. OF OIL, GAS & MINING



**TRANSFER OF AUTHORITY TO INJECT**

Well Name and Number <b>WV 3G-8-8-22</b>		API Number <b>4304734596</b>
Location of Well  Footage : 730 N and 2021 W  County : UINTAH		Field or Unit Name WONSITS VALLEY
QQ, Section, Township, Range: NENW, Section 8, T 8S, R 22E  State : UTAH		Lease Designation and Number UTU022158

EFFECTIVE DATE OF TRANSFER: September 6, 2018

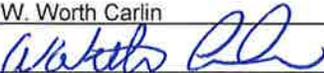
**CURRENT OPERATOR**

Company: QEP ENERGY COMPANY  
 Address: 1050 17<sup>TH</sup> STREET, SUITE 800  
DENVER CO 80265  
 Phone: (303) 595-5919  
 Comments:

Name: Michael K. Watanabe  
 Signature:   
 Title: Vice President, Land  
 Date: 9-4-18

**NEW OPERATOR**

Company: MIDDLE FORK ENERGY UINTA, LLC  
 Address: 1430 LARIMER STREET, SUITE 400  
DENVER CO 80202  
 Phone: (720) 500-0195  
 Comments:

Name: W. Worth Carlin  
 Signature:   
 Title: Vice President - Land  
 Date: 9-5-18

(This space for State use only)

Transfer approved by: \_\_\_\_\_  
 Title: \_\_\_\_\_

Approval Date: \_\_\_\_\_

Comments:

 EPA approval required  
 Accepted by the  
 Utah Division of  
 Oil, Gas and Mining  
 Sep 18, 2018  
 FOR RECORD ONLY

Division of Oil, Gas and Mining  
 Operator Change/Name Change Worksheet-for State use only

Effective Date: 4/1/2018

FORMER OPERATOR:	NEW OPERATOR:
QEP Energy Company	Middle Fork Energy Uinta, LLC

Groups: Red Wash White River Wonsits Gypsum Hills Big Valley Stirrup So Nemo Kilimanjaro (Deep) Scylla South Red Wash Glen Bench Enh Rec <ulligan KJ2	
---	--

**WELL INFORMATION:**

Well Name	API Number	Town	Dir	Range	Dir	Sec	Entity Number	Type	Status
See Attached List-1145 well total									

**OPERATOR CHANGES DOCUMENTATION:**

- Sundry or legal documentation was received from the **FORMER** operator on: 9/10/2018
- Sundry or legal documentation was received from the **NEW** operator on: 9/10/2018
- New operator Division of Corporations Business Number: 10937942-0161

**REVIEW:**

- Receipt of Acceptance of Drilling Procedures for APD on: 9/15/2018
- Reports current for Production/Disposition & Sundries: 10/2/2018
- OPS/SI/TA well(s) reviewed for full cost bonding: Approved by Dustin 10/30/2018
- UIC5 on all disposal/injection/storage well(s) Approved on: Approved by Dayne 9/13/2018
- Surface Facility(s) included in operator change: All QEP Facilities-23 total

**NEW OPERATOR BOND VERIFICATION:**

- State/fee well(s) covered by Bond Number(s):
- LPM9291321
  - LPM9297845-Individual Bond
  - LPM9297846-Individual Bond

**DATA ENTRY:**

- Well(s) update in the RBDMS on: 10/31/2018
- Group(s) update in RDBMS on: 10/31/2018
- Surface Facilities update in RBDMS on: 10/31/2018
- Entities Updated in RBDMS on: 10/31/2018

**COMMENTS:**

From: QEP Energy Company  
 To: Middle Fork Energy Uinta, LLC  
 Effective: 4/1/2018

Well Name	API	Town	Dir	Range	Dir	Sec	Entity Number	Well Type	Well Status
RW 41-20B	4304715146	7	S	23	E	20	5670	Water Injection Well	Active
RW 21-23B	4304715151	7	S	23	E	23	5670	Water Injection Well	Active
RW 23-14B	4304715161	7	S	23	E	14	5670	Water Injection Well	Active
RW 41-28B	4304715182	7	S	23	E	28	5670	Water Injection Well	Active
RW 43-21A	4304715219	7	S	22	E	21	5670	Water Injection Well	Active
RW 41-24A	4304715221	7	S	22	E	24	5670	Water Injection Well	Active
RW 13-22B	4304715261	7	S	23	E	22	5670	Water Injection Well	Active
RW 23-15B	4304715267	7	S	23	E	15	5670	Water Injection Well	Active
RW 21-20B	4304715281	7	S	23	E	20	5670	Water Injection Well	Active
RW 33-13B	4304715289	7	S	23	E	13	5670	Water Injection Well	Active
WV 16	4304715447	8	S	21	E	15	5265	Water Injection Well	Active
WV 21	4304715452	8	S	21	E	16	5265	Water Injection Well	Active
WV 31	4304715460	8	S	21	E	14	5265	Water Injection Well	Active
WV 36	4304715464	8	S	21	E	10	5265	Water Injection Well	Active
WV 41	4304715469	8	S	21	E	15	5265	Water Injection Well	Active
WV 50	4304715477	8	S	21	E	15	5265	Water Injection Well	Active
RW 12-24B	4304716477	7	S	23	E	24	5670	Water Injection Well	Active
RW 33-22B	4304716479	7	S	23	E	22	5670	Water Injection Well	Active
GH 3	4304720002	8	S	21	E	20	5355	Water Injection Well	Active
WV 59	4304720018	8	S	21	E	14	5265	Water Injection Well	Active
WV 60	4304720019	8	S	21	E	15	5265	Water Injection Well	Active
WV 67	4304720043	8	S	21	E	15	5265	Water Injection Well	Active
WV 68	4304720047	8	S	21	E	15	5265	Water Injection Well	Active
RW 41-33B	4304720060	7	S	23	E	33	5670	Water Disposal Well	Active
WV 97	4304730014	8	S	21	E	11	5265	Water Injection Well	Active
WV 126	4304730796	8	S	21	E	21	5265	Water Injection Well	Active
GH 1-20	4304731006	8	S	21	E	20	5355	Water Injection Well	Active
GB 22-20	4304731356	8	S	22	E	20	13727	Water Injection Well	Active
WV 28-2	4304731524	8	S	21	E	11	5265	Water Injection Well	Active
GH 3-21	4304731604	8	S	21	E	21	5355	Water Injection Well	Active
WV 140	4304731707	8	S	21	E	15	5265	Water Injection Well	Active
WV 40-2	4304731798	8	S	21	E	10	5265	Water Injection Well	Active
WV 143	4304731808	8	S	21	E	10	5265	Water Injection Well	Active
WV 71-2	4304732449	8	S	21	E	15	5265	Water Injection Well	Active
WV 120	4304732462	8	S	21	E	22	5265	Water Injection Well	Active
GB 6-16	4304732549	8	S	22	E	16	13727	Water Injection Well	Active
GB 7-16	4304732582	8	S	22	E	16	13727	Water Injection Well	Active
GB 12-16	4304732583	8	S	22	E	16	13727	Water Injection Well	Active
GH 15	4304732648	8	S	21	E	20	5355	Water Injection Well	Active
GB 15-19-8-22	4304732756	8	S	22	E	19	13727	Water Injection Well	Active
FEDERAL 7-19-10-18	4304733244	10	S	18	E	19	14366	Water Source Well	Active

From: QEP Energy Company  
 To: Middle Fork Energy Uinta, LLC  
 Effective: 4/1/2018

RW 13-19B	4304733497	7	S	23	E	19	5670	Water Injection Well	Active
RW 13-20B	4304733498	7	S	23	E	20	5670	Water Injection Well	Active
RW 33-19B	4304733499	7	S	23	E	19	5670	Water Injection Well	Active
RW 11-30B	4304733785	7	S	23	E	30	5670	Water Injection Well	Active
RW 33-30B	4304733790	7	S	23	E	30	5670	Water Injection Well	Active
SU 3W-5-8-22	4304733987	8	S	22	E	5	13321	Water Injection Well	Active
WV 3G-8-8-22	4304734596	8	S	22	E	8	5265	Water Injection Well	Active
RW 43-27AGR	4304753680	7	S	22	E	27	5670	Water Disposal Well	Active
RW 11-33B SWD	4304754035	7	S	23	E	33		Water Disposal Well	Active
RW H3-43-20C	4304755525	7	S	24	E	20		Gas Well	Approved Permit
RW H2-43-20C	4304755526	7	S	24	E	20		Gas Well	Approved Permit
RW H2-32-06F	4304755527	8	S	24	E	6		Gas Well	Approved Permit
RW H3-32-06F	4304755528	8	S	24	E	6		Gas Well	Approved Permit
RW H2-34-22C	4304755529	7	S	24	E	22		Gas Well	Approved Permit
RW H2-44-21C	4304755530	7	S	24	E	21		Gas Well	Approved Permit
RW H3-32-05F	4304755531	8	S	24	E	5		Gas Well	Approved Permit
RW 08C-21A	4304755651	7	S	22	E	21		Gas Well	Approved Permit
RW 07B1-21A	4304755652	7	S	22	E	21		Gas Well	Approved Permit
RW 02C1-21A	4304755653	7	S	22	E	21		Gas Well	Approved Permit
RW 02B1-21A	4304755654	7	S	22	E	21		Gas Well	Approved Permit
RW 15C1-16A	4304755655	7	S	22	E	21		Gas Well	Approved Permit
RW 15B1-16A	4304755656	7	S	22	E	21		Gas Well	Approved Permit
RW 10C1-16A	4304755657	7	S	22	E	21		Gas Well	Approved Permit
RW 10B1-16A	4304755658	7	S	22	E	21		Gas Well	Approved Permit
RW 09B-16A	4304755659	7	S	22	E	16		Gas Well	Approved Permit
RW 09C-16A	4304755660	7	S	22	E	16		Gas Well	Approved Permit
RW 01B-21A	4304755661	7	S	22	E	21		Gas Well	Approved Permit
RW 08B-21A	4304755662	7	S	22	E	16		Gas Well	Approved Permit
RW 01C-21A	4304755663	7	S	22	E	21		Gas Well	Approved Permit
RW 16B-16A	4304755664	7	S	22	E	21		Gas Well	Approved Permit
RW 16C-16A	4304755665	7	S	22	E	21		Gas Well	Approved Permit
KJ 42B-12A	4304755700	7	S	22	E	12		Gas Well	Approved Permit
SR 21B-3G	4304755731	8	S	23	E	3		Gas Well	Approved Permit
SR 21B-15G	4304755732	8	S	23	E	15		Gas Well	Approved Permit
SU 8M-12-7-21	4304736096	7	S	21	E	12	16610	Gas Well	Drilling Operations Suspended
RW 21-26AD	4304736768	7	S	22	E	26	5670	Oil Well	Drilling Operations Suspended
TU 14-9-7-22	4304737345	7	S	22	E	9	16811	Gas Well	Drilling Operations Suspended
SU 11M-8-7-22	4304739175	7	S	22	E	8	18471	Gas Well	Drilling Operations Suspended
RW 2C1-23B	4304752303	7	S	23	E	23	18478	Gas Well	Drilling Operations Suspended
RW 2C4-23B	4304752304	7	S	23	E	23	18478	Gas Well	Drilling Operations Suspended
RW 7B1-23B	4304752305	7	S	23	E	23	18478	Gas Well	Drilling Operations Suspended
RW 7B4-23B	4304752306	7	S	23	E	23	18478	Gas Well	Drilling Operations Suspended

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RW 7C1-23B	4304752307	7	S	23	E	23	18478	Gas Well	Drilling Operations Suspended
RW 10B1-23B	4304752309	7	S	23	E	23	18478	Gas Well	Drilling Operations Suspended
RW 10B4-23B	4304752322	7	S	23	E	23	18478	Gas Well	Drilling Operations Suspended
RW 7C4-23B	4304752323	7	S	23	E	23	18478	Gas Well	Drilling Operations Suspended
RW 2B4-27B	4304752495	7	S	23	E	22	18478	Gas Well	Drilling Operations Suspended
RW 4B1-26B	4304752512	7	S	23	E	22	18478	Gas Well	Drilling Operations Suspended
RW 4B4-26B	4304752513	7	S	23	E	22	18478	Gas Well	Drilling Operations Suspended
RW 4C1-26B	4304752516	7	S	23	E	22	18478	Gas Well	Drilling Operations Suspended
RW 4C4-26B	4304752519	7	S	23	E	22	18478	Gas Well	Drilling Operations Suspended
RW 5B1-26B	4304752523	7	S	23	E	22	18478	Gas Well	Drilling Operations Suspended
RW 5B4-26B	4304752524	7	S	23	E	22	18478	Gas Well	Drilling Operations Suspended
RW 10B4-22B	4304752532	7	S	23	E	22	18478	Gas Well	Drilling Operations Suspended
RW 10C1-22B	4304752534	7	S	23	E	22	18478	Gas Well	Drilling Operations Suspended
RW 10C4-22B	4304752535	7	S	23	E	22	18478	Gas Well	Drilling Operations Suspended
RW 13C1-23B	4304752536	7	S	23	E	22	18478	Gas Well	Drilling Operations Suspended
RW 13C4-23B	4304752537	7	S	23	E	22	18478	Gas Well	Drilling Operations Suspended
RW 15B1-22B	4304752539	7	S	23	E	22	18478	Gas Well	Drilling Operations Suspended
RW 15C1-22B	4304752540	7	S	23	E	22	18478	Gas Well	Drilling Operations Suspended
RW 15C4-22B	4304752541	7	S	23	E	22	18478	Gas Well	Drilling Operations Suspended
RW 2B1-27B	4304752649	7	S	23	E	22	18478	Gas Well	Drilling Operations Suspended
RW 14-13B	4304715144	7	S	23	E	13	5670	Water Injection Well	Inactive
RW 14-24B	4304716472	7	S	23	E	24	5670	Water Injection Well	Inactive
RW 41-27B	4304716473	7	S	23	E	27	5670	Water Injection Well	Inactive
RW 14-21B	4304716497	7	S	23	E	21	5670	Water Injection Well	Inactive
RW 21-27A	4304730103	7	S	22	E	27	5670	Water Injection Well	Inactive
RW 34-22A	4304730458	7	S	22	E	22	5670	Water Injection Well	Inactive
RW 31-35B	4304730519	7	S	23	E	35	5670	Water Injection Well	Inactive
RW 11-36B	4304731052	7	S	23	E	36	5670	Water Injection Well	Inactive
GH 2-20	4304731066	8	S	21	E	20	5355	Water Injection Well	Inactive
RW 31-26B	4304731077	7	S	23	E	26	5670	Water Injection Well	Inactive
RW 42-35B	4304731081	7	S	23	E	35	5670	Water Injection Well	Inactive
GH 8-I	4304731932	8	S	21	E	20	5355	Water Injection Well	Inactive
GH 10	4304732306	8	S	21	E	21	5355	Water Injection Well	Inactive
GH 12	4304732458	8	S	21	E	19	5355	Water Injection Well	Inactive
GH 17	4304732649	8	S	21	E	20	5355	Water Injection Well	Inactive
RW 23-17B	4304732739	7	S	23	E	17	5670	Water Injection Well	Inactive
RW 43-17B	4304732980	7	S	23	E	17	5670	Water Injection Well	Inactive
RW 43-18B	4304732982	7	S	23	E	18	5670	Water Injection Well	Inactive
RW 11-20B	4304733553	7	S	23	E	20	5670	Water Injection Well	Inactive
RW 31-19B	4304733555	7	S	23	E	19	5670	Water Injection Well	Inactive
RW 11-29B	4304733590	7	S	23	E	29	5670	Water Injection Well	Inactive
RW 12-24A	4304733591	7	S	22	E	24	5670	Water Injection Well	Inactive

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RW 34-13A	4304733593	7	S	22	E	13	5670	Water Injection Well	Inactive
GH 8G-17-8-21	4304737992	8	S	21	E	17	5355	Water Injection Well	Inactive
NBE 12SWD-10-9-23	4304738875	9	S	23	E	10	16477	Water Disposal Well	Inactive
WEST RIVER BEND 3-12-10-15	4301331888	10	S	15	E	12	14542	Oil Well	Plugged & Abandoned
WEST DESERT SPRING 11-20-10-17	4301332088	10	S	17	E	20	14545	Oil Well	Plugged & Abandoned
PETES WASH U 14-24 GR	4301333202	10	S	16	E	24	16232	Oil Well	Plugged & Abandoned
PETES WASH U 13-06 GR	4301333203	10	S	16	E	6	16233	Oil Well	Plugged & Abandoned
GILSONITE 11-02GR	4301333483	10	S	15	E	2	16211	Gas Well	Plugged & Abandoned
BIG WASH 61-16GR	4301333485	10	S	16	E	16	16192	Oil Well	Plugged & Abandoned
RW 34-27B	4304715142	7	S	23	E	27	5670	Water Injection Well	Plugged & Abandoned
RW 34-13B	4304715168	7	S	23	E	13	5670	Oil Well	Plugged & Abandoned
RW 23-30B	4304715172	7	S	23	E	30	5670	Oil Well	Plugged & Abandoned
RW 32-19B	4304715174	7	S	23	E	19	5670	Water Injection Well	Plugged & Abandoned
RW 12-29B	4304715175	7	S	23	E	29	5670	Oil Well	Plugged & Abandoned
RW 34-21A	4304715207	7	S	22	E	21	5670	Oil Well	Plugged & Abandoned
RW 34-19B	4304715242	7	S	23	E	19	5670	Oil Well	Plugged & Abandoned
RW 43-19B	4304715252	7	S	23	E	19	5670	Oil Well	Plugged & Abandoned
RW 21-18B	4304715258	7	S	23	E	18	5670	Oil Well	Plugged & Abandoned
RW 21-30B	4304715280	7	S	23	E	30	5670	Oil Well	Plugged & Abandoned
RW 34-28A	4304715282	7	S	22	E	28	5670	Oil Well	Plugged & Abandoned
RW 41-16B	4304715292	7	S	23	E	16	5670	Oil Well	Plugged & Abandoned
RW 43-24B	4304715295	7	S	23	E	24	5670	Gas Well	Plugged & Abandoned
RW 21-34A	4304715303	7	S	22	E	34	5670	Water Injection Well	Plugged & Abandoned
FEDERAL 2-29-7-22	4304715423	7	S	22	E	29	5266	Gas Well	Plugged & Abandoned
WV 35	4304715463	8	S	21	E	14	5265	Water Injection Well	Plugged & Abandoned
UTAH FED D-1	4304715936	7	S	24	E	14	10699	Gas Well	Plugged & Abandoned
UTAH FED D-2	4304715937	7	S	24	E	25	9295	Gas Well	Plugged & Abandoned
PRINCE 1	4304716199	7	S	24	E	10	7035	Gas Well	Plugged & Abandoned
RW 23-23B	4304716476	7	S	23	E	23	5670	Water Injection Well	Plugged & Abandoned
RW 12-27A	4304716478	7	S	22	E	27	5670	Water Injection Well	Plugged & Abandoned
RW 41-21B	4304716482	7	S	23	E	21	5670	Water Injection Well	Plugged & Abandoned
RW 21-21B	4304716496	7	S	23	E	21	5670	Water Injection Well	Plugged & Abandoned
WV 72	4304720058	8	S	21	E	16	5265	Water Injection Well	Plugged & Abandoned
WV 73	4304720066	8	S	21	E	16	5265	Water Injection Well	Plugged & Abandoned
WV 78	4304720115	8	S	21	E	16	5265	Water Injection Well	Plugged & Abandoned
RW 43-28A	4304730058	7	S	22	E	28	5670	Water Disposal Well	Plugged & Abandoned
GH 6	4304730099	8	S	21	E	20	5355	Water Injection Well	Plugged & Abandoned
RW 13-27B	4304730199	7	S	23	E	27	5670	Oil Well	Plugged & Abandoned
RW 43-26B	4304730259	7	S	23	E	26	5670	Oil Well	Plugged & Abandoned
RW 14-18C	4304730309	7	S	24	E	18	5670	Oil Well	Plugged & Abandoned
RW 12-26B	4304730311	7	S	23	E	26	5670	Oil Well	Plugged & Abandoned
RW 12-36B	4304730344	7	S	23	E	36	5670	Oil Well	Plugged & Abandoned

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RW 13-26B	4304730522	7	S	23	E	26	5670	Water Injection Well	Plugged & Abandoned
WV 136	4304731047	8	S	21	E	21	5265	Oil Well	Plugged & Abandoned
UTAH FED D-4	4304731215	7	S	24	E	14	9297	Gas Well	Plugged & Abandoned
WR 43-16	4304731354	8	S	22	E	16	5170	Oil Well	Plugged & Abandoned
GB 13-20	4304731355	8	S	22	E	20	13727	Oil Well	Plugged & Abandoned
GB 3-17	4304731556	8	S	22	E	17	13727	Oil Well	Plugged & Abandoned
RW 12-35B	4304731578	7	S	23	E	35	5670	Oil Well	Plugged & Abandoned
RW 22-22A	4304731581	7	S	22	E	22	5670	Oil Well	Plugged & Abandoned
WV 135-2	4304732016	8	S	21	E	21	5265	Oil Well	Plugged & Abandoned
DESERT SPRINGS 20-1	4304732052	10	S	18	E	20	14366	Oil Well	Plugged & Abandoned
RW 41-4F	4304732538	8	S	24	E	4	5670	Gas Well	Plugged & Abandoned
TOLL STATION ST 8-36-8-21	4304732724	8	S	21	E	36	12361	Gas Well	Plugged & Abandoned
OU SG 6-14-8-22	4304732746	8	S	22	E	14	11944	Gas Well	Plugged & Abandoned
GB 4-30-8-22	4304732755	8	S	22	E	30	13727	Oil Well	Plugged & Abandoned
WV 11 WG	4304733085	8	S	21	E	12	17123	Gas Well	Plugged & Abandoned
WV 81 WG	4304733086	8	S	21	E	24	17123	Gas Well	Plugged & Abandoned
FEDERAL 5-20-10-18	4304733245	10	S	18	E	20	14366	Water Injection Well	Plugged & Abandoned
OU GB 12W-20-8-22	4304733249	8	S	22	E	20	13488	Oil Well	Plugged & Abandoned
WV 7W-13-8-21	4304733270	8	S	21	E	13	5265	Gas Well	Plugged & Abandoned
WV 3W-8-8-22	4304733493	8	S	22	E	8	17123	Gas Well	Plugged & Abandoned
WV 5W-7-8-22	4304733494	8	S	22	E	7	17123	Gas Well	Plugged & Abandoned
RW 33-20B	4304733500	7	S	23	E	20	5670	Water Injection Well	Plugged & Abandoned
RW 22-21B	4304733522	7	S	23	E	21	5670	Oil Well	Plugged & Abandoned
WV 1W-12-8-21	4304733531	8	S	21	E	12	17123	Gas Well	Plugged & Abandoned
WV 1W-13-8-21	4304733532	8	S	21	E	13	5265	Gas Well	Plugged & Abandoned
WV 13W-12-8-21	4304733537	8	S	21	E	12	17123	Gas Well	Plugged & Abandoned
RW 11-19B	4304733552	7	S	23	E	19	5670	Water Injection Well	Plugged & Abandoned
RW 42-19B	4304733556	7	S	23	E	19	5670	Oil Well	Plugged & Abandoned
WV 6G-16-8-21	4304733564	8	S	21	E	16	5265	Oil Well	Plugged & Abandoned
WV 16G-9-8-21	4304733565	8	S	21	E	9	5265	Oil Well	Plugged & Abandoned
RW 34-24A	4304733568	7	S	22	E	24	5670	Water Injection Well	Plugged & Abandoned
RW 42-24A	4304733569	7	S	22	E	24	5670	Oil Well	Plugged & Abandoned
RW 11-25A	4304733574	7	S	22	E	25	5670	Water Injection Well	Plugged & Abandoned
RW 13-25A	4304733575	7	S	22	E	25	5670	Water Injection Well	Plugged & Abandoned
RW 31-25A	4304733577	7	S	22	E	25	5670	Water Injection Well	Plugged & Abandoned
RW 33-25A	4304733578	7	S	22	E	25	5670	Water Injection Well	Plugged & Abandoned
WV 3W-13-8-21	4304733603	8	S	21	E	13	17123	Gas Well	Plugged & Abandoned
WV 16W-2-8-21	4304733645	8	S	21	E	2	5265	Oil Well	Plugged & Abandoned
WV 12W-10-8-21	4304733659	8	S	21	E	10	17123	Gas Well	Plugged & Abandoned
OU GB 3W-16-8-22	4304733751	8	S	22	E	16	13577	Gas Well	Plugged & Abandoned
OU GB 11W-16-8-22	4304733754	8	S	22	E	16	13582	Gas Well	Plugged & Abandoned
RW 42-30B	4304733771	7	S	23	E	30	5670	Oil Well	Plugged & Abandoned

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RW 31-30B	4304733788	7	S	23	E	30	5670	Water Injection Well	Plugged & Abandoned
WV 10W-1-8-21	4304733794	8	S	21	E	1	17123	Gas Well	Plugged & Abandoned
WV 12W-7-8-22	4304733808	8	S	22	E	7	17123	Gas Well	Plugged & Abandoned
WV 6W-8-8-22	4304733811	8	S	22	E	8	17123	Gas Well	Plugged & Abandoned
WV 7W-8-8-22	4304733812	8	S	22	E	8	17123	Gas Well	Plugged & Abandoned
WV 1W-15-8-21	4304733902	8	S	21	E	15	17123	Gas Well	Plugged & Abandoned
WV 10W-11-8-21	4304733910	8	S	21	E	11	17123	Gas Well	Plugged & Abandoned
WV 8W-11-8-21	4304733957	8	S	21	E	11	17123	Gas Well	Plugged & Abandoned
WV 12W-18-8-22	4304733993	8	S	22	E	18	17123	Gas Well	Plugged & Abandoned
SU 13W-5-8-22	4304733994	8	S	22	E	5	13236	Gas Well	Plugged & Abandoned
WV 8W-1-8-21	4304734009	8	S	21	E	1		Dry Hole	Plugged & Abandoned
WV 5W-36-7-21	4304734099	7	S	21	E	36		Dry Hole	Plugged & Abandoned
WV 12G-1-8-21	4304734108	8	S	21	E	1	5265	Oil Well	Plugged & Abandoned
FED 9-17-10-18	4304734135	10	S	18	E	17	14366	Water Injection Well	Plugged & Abandoned
GH 9W-17-8-21	4304734150	8	S	21	E	17	5355	Oil Well	Plugged & Abandoned
WV 16W-11-8-21	4304734155	8	S	21	E	11	5265	Gas Well	Plugged & Abandoned
WV 6W-12-8-21	4304734245	8	S	21	E	12	5265	Gas Well	Plugged & Abandoned
WV 12W-12-8-21	4304734248	8	S	21	E	12	17123	Gas Well	Plugged & Abandoned
WV 3W-12-8-21	4304734267	8	S	21	E	12		Dry Hole	Plugged & Abandoned
WV 4D-12-8-21	4304734268	8	S	21	E	12		Dry Hole	Plugged & Abandoned
WV 6W-14-8-21	4304734271	8	S	21	E	14	17123	Gas Well	Plugged & Abandoned
WV 9W-11-8-21	4304734274	8	S	21	E	11		Dry Hole	Plugged & Abandoned
WV 12W-14-8-21	4304734279	8	S	21	E	14	17123	Gas Well	Plugged & Abandoned
WV 14W-14-8-21	4304734281	8	S	21	E	14	17123	Gas Well	Plugged & Abandoned
WVX 13G-5-8-22	4304734389	8	S	22	E	5	13738	Oil Well	Plugged & Abandoned
WVX 15G-5-8-22	4304734390	8	S	22	E	5	13459	Oil Well	Plugged & Abandoned
SU BRENNAN W 15W-18-7-22	4304734403	7	S	22	E	18	18653	Gas Well	Plugged & Abandoned
WV 8W-7-8-22	4304734469	8	S	22	E	7	17123	Gas Well	Plugged & Abandoned
OU GB 16W-19-8-22	4304734522	8	S	22	E	19	13476	Gas Well	Plugged & Abandoned
OU GB 1W-30-8-22	4304734528	8	S	22	E	30	13487	Gas Well	Plugged & Abandoned
OU GB 6W-19-8-22	4304734534	8	S	22	E	19	13475	Gas Well	Plugged & Abandoned
OU GB 15W-19-8-22	4304734538	8	S	22	E	19	13482	Gas Well	Plugged & Abandoned
WVX 10W-17-8-21	4304734561	8	S	21	E	17	5355	Oil Well	Plugged & Abandoned
OU GB 8W-29-8-22	4304734575	8	S	22	E	29	13609	Gas Well	Plugged & Abandoned
OU GB 1W-20-8-22	4304734604	8	S	22	E	20	13612	Oil Well	Plugged & Abandoned
WRU GB 9MU-9-8-22	4304734650	8	S	22	E	9	13545	Gas Well	Plugged & Abandoned
OU GB 16W-16-8-22	4304734655	8	S	22	E	16	13815	Oil Well	Plugged & Abandoned
OU GB 8W-16-8-22	4304734660	8	S	22	E	16	13769	Gas Well	Plugged & Abandoned
OU GB 3W-21-8-22	4304734686	8	S	22	E	21	13746	Oil Well	Plugged & Abandoned
OU SG 7W-15-8-22	4304734722	8	S	22	E	15	13920	Gas Well	Plugged & Abandoned
STATE 3-16-10-18	4304734766	10	S	18	E	16	14366	Oil Well	Plugged & Abandoned
OU GB 15G-16-8-22	4304734829	8	S	22	E	16	13777	Oil Well	Plugged & Abandoned

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WRU EIH 14W-26-8-22	4304734835	8	S	22	E	26	12528	Gas Well	Plugged & Abandoned
OU SG 4W-11-8-22	4304735071	8	S	22	E	11		Dry Hole	Plugged & Abandoned
OU SG 5W-11-8-22	4304735072	8	S	22	E	11		Dry Hole	Plugged & Abandoned
SG 11SG-23-8-22	4304735099	8	S	22	E	23	13901	Gas Well	Plugged & Abandoned
OU SG 14W-11-8-22	4304735114	8	S	22	E	11		Dry Hole	Plugged & Abandoned
WH 7G-10-7-24	4304735241	7	S	24	E	10	14002	Gas Well	Plugged & Abandoned
OU SG 13W-11-8-22	4304735377	8	S	22	E	11	14796	Dry Hole	Plugged & Abandoned
SG 3MU-11-8-22	4304735379	8	S	22	E	11	14978	Gas Well	Plugged & Abandoned
SG 2MU-11-8-22	4304735381	8	S	22	E	11	14636	Gas Well	Plugged & Abandoned
OU GB 8MU-10-8-22	4304735422	8	S	22	E	10		Dry Hole	Plugged & Abandoned
RWS 3ML-9-9-24	4304735483	9	S	24	E	9	15190	Gas Well	Plugged & Abandoned
SG 11MU-14-8-22	4304735829	8	S	22	E	14	14486	Gas Well	Plugged & Abandoned
NBE 8ML-12-9-23	4304736143	9	S	23	E	12	15859	Gas Well	Plugged & Abandoned
EIH X 2MU-36-8-22	4304736446	8	S	22	E	36	14840	Gas Well	Plugged & Abandoned
RW 43-26AG	4304736769	7	S	22	E	26	16575	Oil Well	Plugged & Abandoned
RW 43-23AG	4304736770	7	S	22	E	23	5670	Oil Well	Plugged & Abandoned
NBZ 4D-30-8-24	4304737229	8	S	24	E	30		Dry Hole	Plugged & Abandoned
NBZ 6ML-30-8-24	4304737230	8	S	24	E	30		Dry Hole	Plugged & Abandoned
NBZ 10ML-30-8-24	4304737232	8	S	24	E	30		Dry Hole	Plugged & Abandoned
NBZ 12D-30-8-24	4304737233	8	S	24	E	30		Dry Hole	Plugged & Abandoned
NBZ 14ML-30-8-24	4304737234	8	S	24	E	30		Dry Hole	Plugged & Abandoned
NBZ 6D-31-8-24	4304737235	8	S	24	E	31		Dry Hole	Plugged & Abandoned
NBZ 4D-31-8-24	4304737236	8	S	24	E	31		Dry Hole	Plugged & Abandoned
NBZ 2ML-31-8-24	4304737239	8	S	24	E	31		Dry Hole	Plugged & Abandoned
NBZ 11D-29-8-24	4304737240	8	S	24	E	29		Dry Hole	Plugged & Abandoned
NBZ 5D-29-8-24	4304737241	8	S	24	E	29		Dry Hole	Plugged & Abandoned
NBZ 9D-29-8-24	4304737244	8	S	24	E	29		Dry Hole	Plugged & Abandoned
NBZ 15ML-29-8-24	4304737246	8	S	24	E	29		Dry Hole	Plugged & Abandoned
CWD 3D-32-8-24	4304737274	8	S	24	E	32		Dry Hole	Plugged & Abandoned
RWS 8D-5-9-24	4304737307	9	S	24	E	5		Dry Hole	Plugged & Abandoned
RWS 16ML-5-9-24	4304737311	9	S	24	E	5		Dry Hole	Plugged & Abandoned
RWS 2D-6-9-24	4304737411	9	S	24	E	6		Dry Hole	Plugged & Abandoned
WV 3D-13-8-21	4304737923	8	S	21	E	13	17123	Gas Well	Plugged & Abandoned
WV 15AML-12-8-21	4304737925	8	S	21	E	12	17123	Gas Well	Plugged & Abandoned
RW 12-32BG	4304737946	7	S	23	E	32	5670	Gas Well	Plugged & Abandoned
HR 10MU-2-12-23	4304738055	12	S	23	E	2		Dry Hole	Plugged & Abandoned
WF 8C-15-15-19	4304738405	15	S	19	E	15		Dry Hole	Plugged & Abandoned
WRU EIH 14BD-35-8-22	4304738642	8	S	22	E	35		Dry Hole	Plugged & Abandoned
RWS 5ML-9-9-24	4304738645	9	S	24	E	9		Dry Hole	Plugged & Abandoned
RWS 12ML-9-9-24	4304738646	9	S	24	E	9		Dry Hole	Plugged & Abandoned
GB 4SG-36-8-21	4304738764	8	S	21	E	36	16142	Gas Well	Plugged & Abandoned
GB 7SG-36-8-21	4304738765	8	S	21	E	36	16144	Gas Well	Plugged & Abandoned

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GB 12SG-29-8-22	4304738766	8	S	22	E	29	16096	Gas Well	Plugged & Abandoned
GB 10SG-30-8-22	4304738767	8	S	22	E	30	16143	Gas Well	Plugged & Abandoned
NBZ 10D-31-8-24	4304739456	8	S	24	E	31		Dry Hole	Plugged & Abandoned
NBZ 12D-31-8-24	4304739457	8	S	24	E	31		Dry Hole	Plugged & Abandoned
NBZ 14D-31-8-24	4304739458	8	S	24	E	31		Dry Hole	Plugged & Abandoned
RWS 7D-6-9-24	4304739494	9	S	24	E	6		Dry Hole	Plugged & Abandoned
RWS 9D-6-9-24	4304739497	9	S	24	E	6		Dry Hole	Plugged & Abandoned
RWS 13D-5-9-24	4304739505	9	S	24	E	5		Dry Hole	Plugged & Abandoned
WRU GB 14G-4-8-22	4304740097	8	S	22	E	4	4915	Oil Well	Plugged & Abandoned
NBZ 16D-30-8-24	4304740355	8	S	24	E	30		Dry Hole	Plugged & Abandoned
CWD 7D-32-8-24	4304740477	8	S	24	E	32		Dry Hole	Plugged & Abandoned
CWD 9D-32-8-24	4304740478	8	S	24	E	32		Dry Hole	Plugged & Abandoned
RWS 13D-9-9-24	4304740480	9	S	24	E	9		Dry Hole	Plugged & Abandoned
NBZ 2D-30-8-24	4304740485	8	S	24	E	30		Dry Hole	Plugged & Abandoned
RW 23-19B	4304751725	7	S	23	E	19	5670	Gas Well	Plugged & Abandoned
RW 24-25AGR	4304753441	7	S	22	E	25	5670	Oil Well	Plugged & Abandoned
WEST RIVER BEND 16-17-10-17	4301332057	10	S	17	E	17	14543	Oil Well	Producing
GD 1G-34-9-15	4301333827	9	S	15	E	34	18651	Oil Well	Producing
GD 16G-35-9-15	4301333833	9	S	15	E	35	18652	Oil Well	Producing
WR 4G-35-10-17	4301350414	10	S	17	E	35	18474	Oil Well	Producing
WR 9G-5-10-17	4301350417	10	S	17	E	5	18554	Oil Well	Producing
WR 6G-32-10-17	4301351631	10	S	17	E	32	17720	Oil Well	Producing
STATE 1	4304715128	7	S	24	E	36	5878	Gas Well	Producing
RW 34-23B	4304715136	7	S	23	E	23	5670	Oil Well	Producing
RW 41-23B	4304715138	7	S	23	E	23	5670	Oil Well	Producing
RW 32-22B	4304715139	7	S	23	E	22	18478	Gas Well	Producing
RW 43-23B	4304715140	7	S	23	E	23	5670	Oil Well	Producing
RW 34-26B	4304715148	7	S	23	E	26	18478	Gas Well	Producing
RW 32-14B	4304715150	7	S	23	E	14	5670	Oil Well	Producing
RW 34-14B	4304715152	7	S	23	E	14	18478	Oil Well	Producing
RW 23-22B	4304715153	7	S	23	E	22	18478	Gas Well	Producing
RW 43-22B	4304715155	7	S	23	E	22	17914	Gas Well	Producing
RW 32-23B	4304715156	7	S	23	E	23	5670	Oil Well	Producing
RW 23-13B	4304715157	7	S	23	E	13	17878	Gas Well	Producing
RW 34-22B	4304715158	7	S	23	E	22	18478	Gas Well	Producing
RW 14-23B	4304715165	7	S	23	E	23	18478	Gas Well	Producing
RW 14-24A	4304715166	7	S	22	E	24	17554	Gas Well	Producing
RW 21-24B	4304715167	7	S	23	E	24	18478	Gas Well	Producing
RW 21-29C	4304715169	7	S	24	E	29	5670	Gas Well	Producing
RW 12-17B	4304715170	7	S	23	E	17	5670	Oil Well	Producing
RW 32-33C	4304715171	7	S	24	E	33	5670	Gas Well	Producing
RW 14-23A	4304715176	7	S	22	E	23	18478	Gas Well	Producing

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RW 12-16B	4304715177	7	S	23	E	16	5670	Oil Well	Producing
RW 14-18B	4304715178	7	S	23	E	18	18478	Gas Well	Producing
RW 12-18C	4304715183	7	S	24	E	18	5670	Oil Well	Producing
RW 21-22B	4304715186	7	S	23	E	22	18478	Gas Well	Producing
RW 21-27B	4304715191	7	S	23	E	27	18478	Gas Well	Producing
RW 23-22A	4304715192	7	S	22	E	22	5670	Oil Well	Producing
RW 21-18C	4304715193	7	S	24	E	18	5670	Oil Well	Producing
RW 12-13B	4304715196	7	S	23	E	13	18478	Gas Well	Producing
RW 32-18C	4304715198	7	S	24	E	18	5670	Gas Well	Producing
RWU 77 (21-13B)	4304715199	7	S	23	E	13	5670	Oil Well	Producing
RW 32-28B	4304715200	7	S	23	E	28	5670	Oil Well	Producing
RW 12-27B	4304715201	7	S	23	E	27	17983	Gas Well	Producing
RW 14-27B	4304715202	7	S	23	E	27	5670	Oil Well	Producing
RW 41-31B	4304715203	7	S	23	E	31	5670	Oil Well	Producing
RW 41-27A	4304715205	7	S	22	E	27	17880	Gas Well	Producing
RW 44-14B	4304715206	7	S	23	E	14	17913	Gas Well	Producing
RW 43-21B	4304715211	7	S	23	E	21	5670	Oil Well	Producing
RW 12-22A	4304715213	7	S	22	E	22	5670	Oil Well	Producing
RW 12-22B	4304715218	7	S	23	E	22	5670	Oil Well	Producing
RW 34-21B	4304715220	7	S	23	E	21	5670	Oil Well	Producing
RW 34-15B	4304715222	7	S	23	E	15	5670	Oil Well	Producing
RW 32-21B	4304715226	7	S	23	E	21	5670	Oil Well	Producing
RW 21-28B	4304715227	7	S	23	E	28	5670	Oil Well	Producing
RW 23-23A	4304715228	7	S	22	E	23	5670	Oil Well	Producing
RW 32-24A	4304715229	7	S	22	E	24	5670	Oil Well	Producing
RW 32-28A	4304715230	7	S	22	E	28	18478	Gas Well	Producing
RW 21-19B	4304715233	7	S	23	E	19	5670	Oil Well	Producing
RW 23-28B	4304715237	7	S	23	E	28	17525	Gas Well	Producing
RW 13-13B	4304715238	7	S	23	E	13	5670	Gas Well	Producing
RW 24-14B	4304715239	7	S	23	E	14	5670	Oil Well	Producing
RW 41-29A	4304715243	7	S	22	E	29	5670	Oil Well	Producing
RW 14-15B	4304715246	7	S	23	E	15	5670	Oil Well	Producing
RW 41-30B	4304715254	7	S	23	E	30	5670	Oil Well	Producing
RW 24-22B	4304715255	7	S	23	E	22	5670	Oil Well	Producing
RW 33-14B	4304715257	7	S	23	E	14	5670	Oil Well	Producing
RW 22-22B	4304715260	7	S	23	E	22	17807	Gas Well	Producing
RW 42-14B	4304715264	7	S	23	E	14	5670	Oil Well	Producing
RW 14-29B	4304715265	7	S	23	E	29	18478	Gas Well	Producing
RW 32-30B	4304715268	7	S	23	E	30	17718	Gas Well	Producing
RW 32-15B	4304715270	7	S	23	E	15	5670	Oil Well	Producing
RW 12-20B	4304715272	7	S	23	E	20	18478	Gas Well	Producing
RW 12-28B	4304715274	7	S	23	E	28	5670	Oil Well	Producing

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RW 32-26B	4304715275	7	S	23	E	26	18478	Gas Well	Producing
RW 31-28B	4304715283	7	S	23	E	28	18478	Oil Well	Producing
RW 34-30B	4304715288	7	S	23	E	30	5670	Oil Well	Producing
RW 23-26B	4304715290	7	S	23	E	26	18478	Gas Well	Producing
RW 12-14B	4304715296	7	S	23	E	14	18478	Gas Well	Producing
RW 32-28C	4304715302	7	S	24	E	28	5670	Gas Well	Producing
WV 43	4304715471	8	S	21	E	11	5265	Oil Well	Producing
WV 48	4304715476	8	S	21	E	10	5265	Oil Well	Producing
RW 43-28B	4304716475	7	S	23	E	28	18478	Oil Well	Producing
RW 41-15B	4304716495	7	S	23	E	15	18478	Gas Well	Producing
RW 41-14B	4304716498	7	S	23	E	14	18478	Gas Well	Producing
WV 32	4304716513	8	S	21	E	16	5265	Oil Well	Producing
WV 53	4304720003	8	S	21	E	10	5265	Oil Well	Producing
WV 55	4304720005	8	S	21	E	14	5265	Oil Well	Producing
RW 41-8F	4304720014	8	S	24	E	8	5670	Gas Well	Producing
WV 62	4304720024	8	S	21	E	10	5265	Oil Well	Producing
WV 65	4304720041	8	S	21	E	15	5265	Oil Well	Producing
WV 74	4304720078	8	S	21	E	16	5265	Oil Well	Producing
WV 75	4304720085	8	S	21	E	16	5265	Oil Well	Producing
WV 103	4304730021	8	S	21	E	14	5265	Oil Well	Producing
WV 105	4304730023	8	S	21	E	10	5265	Oil Well	Producing
GH 4	4304730028	8	S	21	E	19	5355	Oil Well	Producing
WV 109	4304730045	8	S	21	E	15	5265	Oil Well	Producing
WV 110	4304730046	8	S	21	E	14	5265	Oil Well	Producing
WV 112	4304730048	8	S	21	E	15	5265	Oil Well	Producing
RW 32-24B	4304730313	7	S	23	E	24	5670	Oil Well	Producing
RW 34-18C	4304730314	7	S	24	E	18	5670	Oil Well	Producing
RW 21-19C	4304730340	7	S	24	E	19	5670	Gas Well	Producing
RW 14-25B	4304730341	7	S	23	E	25	5670	Oil Well	Producing
RW 22-14B	4304730345	7	S	23	E	14	5670	Oil Well	Producing
RW 42-13B	4304730346	7	S	23	E	13	5670	Oil Well	Producing
RW 23-19C	4304730348	7	S	24	E	19	5670	Gas Well	Producing
RW 22-18C	4304730387	7	S	24	E	18	5670	Oil Well	Producing
RW 24-26B	4304730518	7	S	23	E	26	18478	Gas Well	Producing
RW 44-26B	4304730520	7	S	23	E	26	18478	Gas Well	Producing
RW 33-26B	4304730521	7	S	23	E	26	17950	Gas Well	Producing
KAYE STATE 1-16	4304730609	10	S	23	E	16	5395	Gas Well	Producing
WV 124	4304730745	8	S	21	E	15	5265	Oil Well	Producing
WV 128	4304730798	8	S	21	E	10	5265	Oil Well	Producing
WV 132	4304730822	8	S	21	E	15	5265	Oil Well	Producing
RW 42-27B	4304731051	7	S	23	E	27	17707	Gas Well	Producing
RW 44-27B	4304731053	7	S	23	E	27	18478	Gas Well	Producing

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RW 44-23B	4304731054	7	S	23	E	23	5670	Gas Well	Producing
GH 1-19	4304731065	8	S	21	E	19	5355	Oil Well	Producing
RW 22-35B	4304731082	7	S	23	E	35	5670	Oil Well	Producing
WV 134	4304731118	8	S	21	E	16	5265	Oil Well	Producing
RW 33-23B	4304731476	7	S	23	E	23	17915	Gas Well	Producing
RW 11-24B	4304731477	7	S	23	E	24	5670	Oil Well	Producing
RW 42-21B	4304731478	7	S	23	E	21	18478	Gas Well	Producing
RW 13-24B	4304731517	7	S	23	E	24	5670	Oil Well	Producing
WV 137	4304731523	8	S	21	E	11	5265	Oil Well	Producing
GH 23-21	4304731541	8	S	21	E	21	5355	Oil Well	Producing
GB 2-17	4304731555	8	S	22	E	17	13727	Oil Well	Producing
RW 42-23B	4304731576	7	S	23	E	23	18478	Gas Well	Producing
RW 24-15B	4304731579	7	S	23	E	15	5670	Oil Well	Producing
RW 24-18C	4304731582	7	S	24	E	18	5670	Gas Well	Producing
WV 141	4304731609	8	S	21	E	16	5265	Oil Well	Producing
WV 127	4304731611	8	S	21	E	16	5265	Oil Well	Producing
RW 43-15B	4304731682	7	S	23	E	15	17643	Gas Well	Producing
WV 133	4304731706	8	S	21	E	15	5265	Oil Well	Producing
WV 144	4304731807	8	S	21	E	10	5265	Oil Well	Producing
RW 34-17B	4304731819	7	S	23	E	17	5670	Oil Well	Producing
GH 4-21	4304731826	8	S	21	E	21	5355	Oil Well	Producing
GH 5-21	4304731827	8	S	21	E	21	5355	Oil Well	Producing
WV 121	4304731873	8	S	21	E	14	17123	Gas Well	Producing
GH 9	4304732304	8	S	21	E	20	5355	Oil Well	Producing
WV 130	4304732307	8	S	21	E	22	5265	Oil Well	Producing
GH 11	4304732459	8	S	21	E	20	5355	Oil Well	Producing
GH 13	4304732460	8	S	21	E	21	5355	Oil Well	Producing
WV 119	4304732461	8	S	21	E	21	5265	Oil Well	Producing
GB 8-19	4304732476	8	S	22	E	19	13727	Oil Well	Producing
EAST COYOTE FED 14-4-8-25	4304732493	8	S	25	E	4	11630	Oil Well	Producing
RW 23-23C	4304732629	7	S	24	E	23	5670	Gas Well	Producing
GH 14	4304732647	8	S	21	E	20	5355	Oil Well	Producing
GH 18	4304732650	8	S	21	E	20	5355	Oil Well	Producing
GH 20	4304732652	8	S	21	E	20	5355	Oil Well	Producing
GH 16	4304732675	8	S	21	E	20	5355	Oil Well	Producing
PRINCE 4	4304732677	7	S	24	E	3	7035	Oil Well	Producing
RW 14-17B	4304732738	7	S	23	E	17	5670	Oil Well	Producing
RW 14-16B	4304732785	7	S	23	E	16	5670	Oil Well	Producing
RW 34-16B	4304732786	7	S	23	E	16	5670	Oil Well	Producing
GH 22 WG	4304732818	8	S	21	E	22	12336	Gas Well	Producing
WV 54 WG	4304732821	8	S	22	E	7	17123	Gas Well	Producing
WV 69 WG	4304732829	8	S	22	E	18	17123	Gas Well	Producing

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WV 38 WG	4304732831	8	S	22	E	8	17123	Gas Well	Producing
GB 11-16-8-22	4304732857	8	S	22	E	16	13727	Oil Well	Producing
RW 32-17B	4304732981	7	S	23	E	17	5670	Oil Well	Producing
RW 32-18B	4304733018	7	S	23	E	18	5670	Oil Well	Producing
GB 8A-36-8-21	4304733037	8	S	21	E	36	12377	Gas Well	Producing
WV 146 WG	4304733128	8	S	22	E	19	17123	Gas Well	Producing
DESERT SPRING 3-29-10-18	4304733162	10	S	18	E	29	14366	Oil Well	Producing
DESERT SPRING 16-19-10-18	4304733164	10	S	18	E	19	14366	Oil Well	Producing
WV 1W-14-8- 21	4304733220	8	S	21	E	14	17123	Gas Well	Producing
WV 5W-13- 8-21	4304733221	8	S	21	E	13	17123	Gas Well	Producing
WV 46 WG	4304733241	8	S	22	E	7	17123	Gas Well	Producing
WV 2W-16-8-21	4304733246	8	S	21	E	16	17123	Gas Well	Producing
WV 2G-16-8-21	4304733247	8	S	21	E	16	5265	Oil Well	Producing
OU GB 15-18-8-22	4304733364	8	S	22	E	18	12690	Gas Well	Producing
WRU EIH 12W-35-8-22	4304733393	8	S	22	E	35	12528	Gas Well	Producing
RW 42-20B	4304733490	7	S	23	E	20	5670	Oil Well	Producing
RW 22-20B	4304733491	7	S	23	E	20	5670	Oil Well	Producing
RW 24-19B	4304733492	7	S	23	E	19	5670	Oil Well	Producing
WV 11W-7-8-22	4304733495	8	S	22	E	7	17123	Gas Well	Producing
WV 13W-7-8-22	4304733496	8	S	22	E	7	17123	Gas Well	Producing
WV 1W-7-8-22	4304733501	8	S	22	E	7	17123	Gas Well	Producing
WV 7WRG-7-8-22	4304733503	8	S	22	E	7	5265	Oil Well	Producing
OU GB 3W-17-8-22	4304733513	8	S	22	E	17	12950	Gas Well	Producing
OU GB 5W-17-8-22	4304733514	8	S	22	E	17	12873	Gas Well	Producing
WV 9W-8-8-22	4304733515	8	S	22	E	8	13395	Gas Well	Producing
OU GB 9W-18-8-22	4304733516	8	S	22	E	18	12997	Gas Well	Producing
RW 24-20B	4304733523	7	S	23	E	20	5670	Oil Well	Producing
RW 44-19B	4304733524	7	S	23	E	19	5670	Oil Well	Producing
RW 44-20B	4304733525	7	S	23	E	20	5670	Oil Well	Producing
OU GB 3W-20-8-22	4304733526	8	S	22	E	20	13514	Gas Well	Producing
WV 6W-16-8-21	4304733527	8	S	21	E	16	17123	Gas Well	Producing
WV 3W-18-8-22	4304733533	8	S	22	E	18	17123	Gas Well	Producing
WV 13W-18-8-22	4304733538	8	S	22	E	18	17123	Gas Well	Producing
RW 24-18B	4304733554	7	S	23	E	18	5670	Oil Well	Producing
RW 22-19B	4304733559	7	S	23	E	19	5670	Oil Well	Producing
GH 10G-19-8-21	4304733566	8	S	21	E	19	5355	Oil Well	Producing
RW 23-24A	4304733567	7	S	22	E	24	5670	Oil Well	Producing
GH 1W-32-8-21	4304733570	8	S	21	E	32	12797	Gas Well	Producing
GH 3W-32-8-21	4304733571	8	S	21	E	32	12796	Gas Well	Producing
GH 7W-32-8-21	4304733573	8	S	21	E	32	12872	Gas Well	Producing
RW 21-25A	4304733576	7	S	22	E	25	5670	Oil Well	Producing
RW 41-25A	4304733579	7	S	22	E	25	5670	Oil Well	Producing

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RW 21-24A	4304733592	7	S	22	E	24	5670	Oil Well	Producing
RW 44-18B	4304733594	7	S	23	E	18	5670	Oil Well	Producing
WV 1W-21-8-21	4304733602	8	S	21	E	21	17123	Gas Well	Producing
WV 3W-24-8-21	4304733605	8	S	21	E	24	17123	Gas Well	Producing
WV 1W-24-8-21	4304733613	8	S	21	E	24	17123	Gas Well	Producing
KENNEDY WASH 13-1	4304733615	8	S	22	E	13	12926	Gas Well	Producing
WV 12W-16-8-21	4304733649	8	S	21	E	16	17123	Gas Well	Producing
WV 12G-16-8-21	4304733650	8	S	21	E	16	5265	Oil Well	Producing
WR 13W-3-8-22	4304733651	8	S	22	E	3	13544	Gas Well	Producing
WV 2W-10-8-21	4304733655	8	S	21	E	10	5265	Oil Well	Producing
WV 12G-10-8-21	4304733660	8	S	21	E	10	5265	Oil Well	Producing
WV 15W-9-8-21	4304733661	8	S	21	E	9	17123	Gas Well	Producing
WV 15G-9-8-21	4304733662	8	S	21	E	9	5265	Oil Well	Producing
OU GB 12W-30-8-22	4304733670	8	S	22	E	30	13380	Gas Well	Producing
GH 2W-32-8-21	4304733744	8	S	21	E	32	13029	Gas Well	Producing
GH 4W-32-8-21	4304733745	8	S	21	E	32	13035	Gas Well	Producing
GH 8W-32-8-21	4304733746	8	S	21	E	32	13030	Gas Well	Producing
OU GB 5W-16-8-22	4304733752	8	S	22	E	16	13570	Gas Well	Producing
GH 6W-32-8-21	4304733753	8	S	21	E	32	13036	Gas Well	Producing
RW 41-24A	4304733769	7	S	22	E	24	5670	Oil Well	Producing
RWU 44-30B	4304733772	7	S	23	E	30	5670	Oil Well	Producing
RW 22-25A	4304733786	7	S	22	E	25	5670	Oil Well	Producing
WV 6W-13-8-21	4304733792	8	S	21	E	13	17123	Gas Well	Producing
WV 8W-13-8-21	4304733793	8	S	21	E	13	17123	Gas Well	Producing
WV 10W-13-8-21	4304733795	8	S	21	E	13	17123	Gas Well	Producing
WV 16W-13-8-21	4304733796	8	S	21	E	13	17123	Gas Well	Producing
STATE 1-16-10-18	4304733807	10	S	18	E	16	14366	Oil Well	Producing
WV 10W-7-8-22	4304733813	8	S	22	E	7	17123	Gas Well	Producing
WV 10W-8-8-22	4304733814	8	S	22	E	8	13450	Gas Well	Producing
WV 6W-7-8-22	4304733828	8	S	22	E	7	17123	Gas Well	Producing
GH 7W-21-8-21	4304733845	8	S	21	E	21	13050	Gas Well	Producing
GH 9W-21-8-21	4304733846	8	S	21	E	21	13074	Gas Well	Producing
GH 11W-21-8-21	4304733847	8	S	21	E	21	13049	Gas Well	Producing
GH 15W-21-8-21	4304733848	8	S	21	E	21	13051	Gas Well	Producing
WV 5W-23-8-21	4304733860	8	S	21	E	23	5265	Oil Well	Producing
WV 1W-23-8-21	4304733904	8	S	21	E	23	17123	Gas Well	Producing
WV 2W-9-8-21	4304733905	8	S	21	E	9	13676	Gas Well	Producing
WV 6W-11-8-21	4304733906	8	S	21	E	11	17123	Gas Well	Producing
WV 7W-22-8-21	4304733907	8	S	21	E	22	13230	Gas Well	Producing
WV 7W-24-8-21	4304733908	8	S	21	E	24	17123	Gas Well	Producing
WV 9W-23-8-21	4304733909	8	S	21	E	23	13160	Gas Well	Producing
WV 11W-17-8-21	4304733912	8	S	21	E	17	13228	Gas Well	Producing

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WV 13W-15-8-21	4304733914	8	S	21	E	15	5265	Oil Well	Producing
GH 14W-20-8-21	4304733915	8	S	21	E	20	13073	Gas Well	Producing
GB 1W-36-8-21	4304733944	8	S	21	E	36	13439	Gas Well	Producing
OU GB 9W-19-8-22	4304733946	8	S	22	E	19	13393	Gas Well	Producing
OU GB 10W-30-8-22	4304733947	8	S	22	E	30	13389	Gas Well	Producing
OU GB 12W-19-8-22	4304733948	8	S	22	E	19	13388	Gas Well	Producing
WV 5W-17-8-21	4304733954	8	S	21	E	17	5355	Gas Well	Producing
WV 7W-17-8-21	4304733956	8	S	21	E	17	13330	Gas Well	Producing
GB 9W-25-8-21	4304733960	8	S	21	E	25	13390	Gas Well	Producing
WV 12W-13-8-21	4304733961	8	S	21	E	13	17123	Gas Well	Producing
WV 14W-13-8-21	4304733962	8	S	21	E	13	17123	Gas Well	Producing
WV 15W-14-8-21	4304733963	8	S	21	E	14	17123	Gas Well	Producing
SU 1W-5-8-22	4304733985	8	S	22	E	5	13369	Gas Well	Producing
WV 2W-18-8-22	4304733986	8	S	22	E	18	17123	Gas Well	Producing
SU 7W-5-8-22	4304733988	8	S	22	E	5	13235	Gas Well	Producing
SU 9W-5-8-22	4304733990	8	S	22	E	5	13238	Gas Well	Producing
WV 8W-8-8-22	4304734005	8	S	22	E	8	13320	Gas Well	Producing
WV 14W-8-8-22	4304734007	8	S	22	E	8	13322	Gas Well	Producing
OU GB 6W-9-8-22	4304734010	8	S	22	E	9	13545	Gas Well	Producing
OU GB 5W-30-8-22	4304734025	8	S	22	E	30	13502	Gas Well	Producing
WV 10G-2-8-21	4304734035	8	S	21	E	2	5265	Oil Well	Producing
WV 14G-2-8-21	4304734036	8	S	21	E	2	5265	Oil Well	Producing
WRU EIH 4W-35-8-22	4304734042	8	S	22	E	35	12528	Gas Well	Producing
WRU EIH 3W-35-8-22	4304734044	8	S	22	E	35	12528	Gas Well	Producing
WV 13G-2-8-21	4304734068	8	S	21	E	2	5265	Oil Well	Producing
WV 3G-10-8-21	4304734106	8	S	21	E	10	13241	Oil Well	Producing
WV 5G-16-8-21	4304734107	8	S	21	E	16	5265	Oil Well	Producing
WV 15G-3-8-21	4304734109	8	S	21	E	3	13241	Oil Well	Producing
WV 16G-3-8-21	4304734110	8	S	21	E	3	13241	Oil Well	Producing
GB 6W-25-8-21	4304734121	8	S	21	E	25	13440	Gas Well	Producing
GB 7W-25-8-21	4304734122	8	S	21	E	25	13436	Gas Well	Producing
WV 2W-14-8-21	4304734140	8	S	21	E	14	17123	Gas Well	Producing
GH 2W-21-8-21	4304734141	8	S	21	E	21	17123	Gas Well	Producing
WV 3W-21-8-21	4304734143	8	S	21	E	21	17123	Gas Well	Producing
WV 4W-13-8-21	4304734144	8	S	21	E	13	17123	Gas Well	Producing
WV 4W-21-8-21	4304734145	8	S	21	E	21	17123	Gas Well	Producing
GH 5W-21-8-21	4304734147	8	S	21	E	21	13387	Gas Well	Producing
GH 6W-21-8-21	4304734148	8	S	21	E	21	13371	Gas Well	Producing
GH 8W-21-8-21	4304734149	8	S	21	E	21	13293	Gas Well	Producing
GH 10W-20-8-21	4304734151	8	S	21	E	20	13328	Gas Well	Producing
GH 10W-21-8-21	4304734152	8	S	21	E	21	13378	Gas Well	Producing
GH 12W-21-8-21	4304734153	8	S	21	E	21	13294	Gas Well	Producing

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GH 14W-21-8-21	4304734154	8	S	21	E	21	13292		Gas Well	Producing
GH 16W-17-8-21	4304734156	8	S	21	E	17	13354		Gas Well	Producing
GH 16W-21-8-21	4304734157	8	S	21	E	21	13329		Gas Well	Producing
WV 4W-23-8-21	4304734188	8	S	21	E	23	17123		Gas Well	Producing
WV 14W-16-8-21	4304734192	8	S	21	E	16	17123		Gas Well	Producing
WRU GB 4WRG-9-8-22	4304734208	8	S	22	E	9	4915		Oil Well	Producing
OU GB 5W-20-8-22	4304734209	8	S	22	E	20	13414		Gas Well	Producing
WRU EIH 13WX-35-8-22	4304734210	8	S	22	E	35	12528	13456	Gas Well	Producing
WV 15W-16-8-21	4304734224	8	S	21	E	16	17123		Gas Well	Producing
WV 16W-16-8-21	4304734225	8	S	21	E	16	17123		Gas Well	Producing
WV 2W-22-8-21	4304734243	8	S	21	E	22	17123		Gas Well	Producing
WV 8W-15-8-21	4304734247	8	S	21	E	15	17123		Gas Well	Producing
WV 16W-10-8-21	4304734250	8	S	21	E	10	17123		Gas Well	Producing
WV 16W-15-8-21	4304734251	8	S	21	E	15	5265		Oil Well	Producing
WV 11W-14-8-21	4304734277	8	S	21	E	14	17123		Gas Well	Producing
WV 14M-11-8-21	4304734280	8	S	21	E	11	17123		Gas Well	Producing
WV 16G-14-8-21	4304734283	8	S	21	E	14	5265		Oil Well	Producing
WV 1MU-16-8-21	4304734288	8	S	21	E	16	17123		Gas Well	Producing
WV 3MU-15-8-21	4304734289	8	S	21	E	15	17123		Gas Well	Producing
WV 4MU-15-8-21	4304734291	8	S	21	E	15	17123		Gas Well	Producing
WV 5MU-15-8-21	4304734293	8	S	21	E	15	17123		Gas Well	Producing
WV 6W-15-8-21	4304734294	8	S	21	E	15	17123		Gas Well	Producing
WV 7W-16-8-21	4304734322	8	S	21	E	16	17123		Gas Well	Producing
WV 8ML-16-8-21	4304734323	8	S	21	E	16	17123		Gas Well	Producing
WV 10W-16-8-21	4304734326	8	S	21	E	16	17123		Gas Well	Producing
GH 1W-20-8-21	4304734327	8	S	21	E	20	13451		Gas Well	Producing
GH 2W-20-8-21	4304734328	8	S	21	E	20	13527		Gas Well	Producing
GH 3W-20-8-21	4304734329	8	S	21	E	20	13728		Gas Well	Producing
GH 7W-20-8-21	4304734332	8	S	21	E	20	13537		Gas Well	Producing
GH 9W-20-8-21	4304734333	8	S	21	E	20	13411		Gas Well	Producing
GH 11W-20-8-21	4304734334	8	S	21	E	20	13410		Gas Well	Producing
GH 15W-20-8-21	4304734335	8	S	21	E	20	13407		Gas Well	Producing
GH 16W-20-8-21	4304734336	8	S	21	E	20	13501		Gas Well	Producing
WV 8M-23-8-21	4304734339	8	S	21	E	23	5265		Oil Well	Producing
WV 8W-24-8-21	4304734340	8	S	21	E	24	17123		Gas Well	Producing
WV 12W-23-8-21	4304734343	8	S	21	E	23	13430		Gas Well	Producing
OU GB 13W-20-8-22	4304734348	8	S	22	E	20	13495		Gas Well	Producing
OU GB 14W-20-8-22	4304734349	8	S	22	E	20	13507		Gas Well	Producing
OU GB 11W-29-8-22	4304734350	8	S	22	E	29	13526		Gas Well	Producing
WVX 11G-5-8-22	4304734388	8	S	22	E	5	13422		Oil Well	Producing
OU GB 11W-30-8-22	4304734392	8	S	22	E	30	13433		Gas Well	Producing
WV 2W-8-8-22	4304734468	8	S	22	E	8	17123		Gas Well	Producing

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OU GB 5W-19-8-22	4304734514	8	S	22	E	19	13460	Gas Well	Producing
OU GB 7W-19-8-22	4304734515	8	S	22	E	19	13462	Gas Well	Producing
OU GB 8W-19-8-22	4304734516	8	S	22	E	19	13489	Gas Well	Producing
OU GB 11W-19-8-22	4304734517	8	S	22	E	19	13467	Gas Well	Producing
OU GB 3W-30-8-22	4304734529	8	S	22	E	30	13493	Oil Well	Producing
OU GB 6W-30-8-22	4304734530	8	S	22	E	30	13519	Gas Well	Producing
OU GB 8W-30-8-22	4304734532	8	S	22	E	30	13483	Gas Well	Producing
OU GB 9W-30-8-22	4304734533	8	S	22	E	30	13500	Gas Well	Producing
OU GB 13W-19-8-22	4304734536	8	S	22	E	19	13478	Gas Well	Producing
OU GB 6W-17-8-22	4304734543	8	S	22	E	17	13536	Oil Well	Producing
OU GB 6W-29-8-22	4304734545	8	S	22	E	29	13535	Gas Well	Producing
OU GB 3W-29-8-22	4304734546	8	S	22	E	29	13509	Gas Well	Producing
OU GB 13W-29-8-22	4304734547	8	S	22	E	29	13506	Gas Well	Producing
OU GB 4W-29-8-22	4304734548	8	S	22	E	29	13534	Gas Well	Producing
OU GB 14W-17-8-22	4304734550	8	S	22	E	17	13550	Gas Well	Producing
OU GB 11W-17-8-22	4304734553	8	S	22	E	17	13671	Gas Well	Producing
GHX 15W-17-8-21	4304734562	8	S	21	E	17	13674	Gas Well	Producing
WV 8W-22-8-21	4304734564	8	S	21	E	22	5265	Gas Well	Producing
WRU EIH 5W-35-8-22	4304734572	8	S	22	E	35	12528	Gas Well	Producing
OU GB 1W-29-8-22	4304734573	8	S	22	E	29	13562	Gas Well	Producing
OU GB 7W-29-8-22	4304734574	8	S	22	E	29	13564	Gas Well	Producing
OU GB 9W-29-8-22	4304734576	8	S	22	E	29	13551	Gas Well	Producing
OU GB 10W-29-8-22	4304734577	8	S	22	E	29	13594	Gas Well	Producing
OU GB 15W-29-8-22	4304734578	8	S	22	E	29	13569	Gas Well	Producing
OU GB 4W-16-8-22	4304734598	8	S	22	E	16	13579	Gas Well	Producing
OU GB 2W-29-8-22	4304734600	8	S	22	E	29	13691	Gas Well	Producing
OU GB 16W-17-8-22	4304734602	8	S	22	E	17	13639	Gas Well	Producing
OU GB 16W-29-8-22	4304734603	8	S	22	E	29	13610	Gas Well	Producing
GB 14MU-16-8-22	4304734619	8	S	22	E	16	14196	Gas Well	Producing
OU GB 1W-17-8-22	4304734623	8	S	22	E	17	13701	Gas Well	Producing
OU GB 9W-17-8-22	4304734624	8	S	22	E	17	13663	Gas Well	Producing
OU GB 10W-17-8-22	4304734625	8	S	22	E	17	13684	Gas Well	Producing
OU GB 9W-20-8-22	4304734630	8	S	22	E	20	13637	Gas Well	Producing
OU GB 10W-20-8-22	4304734631	8	S	22	E	20	13682	Gas Well	Producing
OU GB 15W-20-8-22	4304734632	8	S	22	E	20	13613	Gas Well	Producing
OU WIH 15MU-21-8-22	4304734634	8	S	22	E	21	13991	Gas Well	Producing
OU WIH 13W-21-8-22	4304734646	8	S	22	E	21	13745	Gas Well	Producing
OU GB 11W-15-8-22	4304734648	8	S	22	E	15	13822	Gas Well	Producing
OU GB 13W-9-8-22	4304734654	8	S	22	E	9	13706	Gas Well	Producing
GB 1MU-16-8-22	4304734656	8	S	22	E	16	14251	Gas Well	Producing
OU GB 2W-16-8-22	4304734657	8	S	22	E	16	13721	Gas Well	Producing
OU GB 6W-16-8-22	4304734658	8	S	22	E	16	13592	Gas Well	Producing

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OU GB 7W-16-8-22	4304734659	8	S	22	E	16	13747	Gas Well	Producing
OU WIH 14W-21-8-22	4304734664	8	S	22	E	21	13720	Gas Well	Producing
OU GB 12WX-29-8-22	4304734668	8	S	22	E	29	13555	Gas Well	Producing
OU GB 15W-9-8-22	4304734678	8	S	22	E	9	4915	Oil Well	Producing
OU GB 16W-9-8-22	4304734679	8	S	22	E	9	13545	Gas Well	Producing
OU WIH 10W-21-8-22	4304734681	8	S	22	E	21	13662	Gas Well	Producing
WRU EIH 6W-35-8-22	4304734684	8	S	22	E	35	12528   16723	Gas Well	Producing
OU GB 4G-21-8-22	4304734685	8	S	22	E	21	13772	Oil Well	Producing
OU WIH 7W-21-8-22	4304734689	8	S	22	E	21	13716	Gas Well	Producing
OU GB 5W-21-8-22	4304734690	8	S	22	E	21	13770	Oil Well	Producing
GB 11ML-10-8-22	4304734691	8	S	22	E	10	14818	Gas Well	Producing
WIH 1MU-21-8-22	4304734693	8	S	22	E	21	14001	Gas Well	Producing
OU GB 5G-19-8-22	4304734695	8	S	22	E	19	13786	Oil Well	Producing
OU GB 1G-19-8-22	4304734696	8	S	22	E	19	13727	Oil Well	Producing
OU GB 7W-20-8-22	4304734705	8	S	22	E	20	13710	Gas Well	Producing
WRU EIH 11W-35-8-22	4304734708	8	S	22	E	35	12528	Gas Well	Producing
OU SG 14W-15-8-22	4304734710	8	S	22	E	15	13821	Gas Well	Producing
OU SG 15W-15-8-22	4304734711	8	S	22	E	15	13790	Gas Well	Producing
OU SG 16W-15-8-22	4304734712	8	S	22	E	15	13820	Gas Well	Producing
OU GB 5MU-15-8-22	4304734715	8	S	22	E	15	13900	Gas Well	Producing
OU SG 8W-15-8-22	4304734717	8	S	22	E	15	13819	Gas Well	Producing
GHX 13HG-17-8-21	4304734723	8	S	21	E	17	5355	Oil Well	Producing
OU GB 14SG-29-8-22	4304734743	8	S	22	E	29	14034	Gas Well	Producing
OU GB 16SG-29-8-22	4304734744	8	S	22	E	29	13771	Gas Well	Producing
OU GB 6MU-21-8-22	4304734755	8	S	22	E	21	14012	Gas Well	Producing
DESERT SPRING 7-30-10-18	4304734760	10	S	18	E	30	14366	Oil Well	Producing
OU SG 10W-10-8-22	4304734764	8	S	22	E	10	13751	Gas Well	Producing
STATE 11-16-10-18	4304734767	10	S	18	E	16	14366	Oil Well	Producing
OU GB 14M-10-8-22	4304734768	8	S	22	E	10	13849	Gas Well	Producing
OU GB 12M-10-8-22	4304734769	8	S	22	E	10	13545	Gas Well	Producing
SU BW 6M-7-7-22	4304734837	7	S	22	E	7	13966	Gas Well	Producing
GB 7MU-36-8-21	4304734893	8	S	21	E	36	14591	Gas Well	Producing
GB 3W-36-8-21	4304734894	8	S	21	E	36	13791	Gas Well	Producing
GB 3M-27-8-21	4304734900	8	S	21	E	27	14614	Gas Well	Producing
WVX 11D-22-8-21	4304734902	8	S	21	E	22	14632	Gas Well	Producing
GB 5W-36-8-21	4304734925	8	S	21	E	36	13808	Gas Well	Producing
GB 4MU-36-8-21	4304734926	8	S	21	E	36	14589	Gas Well	Producing
GH 1G-17-8-21	4304734927	8	S	21	E	17	5355	Oil Well	Producing
WVX 2W-17-8-21	4304734928	8	S	21	E	17	14253	Gas Well	Producing
WVX 8W-17-8-21	4304734929	8	S	21	E	17	13792	Gas Well	Producing
GB 11M-27-8-21	4304734952	8	S	21	E	27	13809	Gas Well	Producing
GB 9D-27-8-21	4304734956	8	S	21	E	27	14633	Gas Well	Producing

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GB 1D-27-8-21	4304734957	8	S	21	E	27	14634		Gas Well	Producing
RW 34-27C	4304735045	7	S	24	E	27	5670		Gas Well	Producing
WRU EIH 10W-35-8-22	4304735046	8	S	22	E	35	12528	15700	Gas Well	Producing
WRU EIH 9MU-26-8-22	4304735047	8	S	22	E	26	12528		Gas Well	Producing
WRU EIH 15MU-26-8-22	4304735048	8	S	22	E	26	12528		Gas Well	Producing
WRU EIH 1MU-35-8-22	4304735049	8	S	22	E	35	12528		Gas Well	Producing
WRU EIH 9M-35-8-22	4304735050	8	S	22	E	35	12528	14005	Gas Well	Producing
WRU EIH 7MU-35-8-22	4304735051	8	S	22	E	35	12528	14106	Gas Well	Producing
GH 4MU-20-8-21	4304735068	8	S	21	E	20	14213		Gas Well	Producing
GH 12MU-20-8-21	4304735069	8	S	21	E	20	14129		Gas Well	Producing
GH 13MU-20-8-21	4304735070	8	S	21	E	20	14817		Gas Well	Producing
SG 6ML-11-8-22	4304735073	8	S	22	E	11	14825		Gas Well	Producing
OU SG 5MU-14-8-22	4304735076	8	S	22	E	14	13989		Gas Well	Producing
OU SG 6MU-14-8-22	4304735077	8	S	22	E	14	14128		Gas Well	Producing
SG 12MU-14-8-22	4304735078	8	S	22	E	14	13921		Gas Well	Producing
OU SG 13MU-14-8-22	4304735079	8	S	22	E	14	13990		Gas Well	Producing
GB 2ML-30-8-22	4304735080	8	S	22	E	30	14816		Gas Well	Producing
GH 5W-20-8-21	4304735097	8	S	21	E	20	14557		Gas Well	Producing
SG 5MU-23-8-22	4304735115	8	S	22	E	23	14368		Gas Well	Producing
SG 6MU-23-8-22	4304735116	8	S	22	E	23	14231		Gas Well	Producing
SG 14MU-23-8-22	4304735117	8	S	22	E	23	14069		Gas Well	Producing
WRU EIH 1MU-26-8-22	4304735118	8	S	22	E	26	12528	14349	Gas Well	Producing
WRU EIH 7MU-26-8-22	4304735119	8	S	22	E	26	12528	14102	Gas Well	Producing
WRU EIH 10MU-26-8-22	4304735120	8	S	22	E	26	12528	14107	Gas Well	Producing
WRU EIH 15MU-35-8-22	4304735121	8	S	22	E	35	12528	14197	Gas Well	Producing
GB 5SG-36-8-21	4304735155	8	S	21	E	36	14015		Gas Well	Producing
WRU EIH 10ML-23-8-22	4304735187	8	S	22	E	23	12528	14503	Gas Well	Producing
SG 12MU-23-8-22	4304735188	8	S	22	E	23	14412		Gas Well	Producing
WRU EIH 9ML-23-8-22	4304735189	8	S	22	E	23	12528	14504	Gas Well	Producing
SG 13MU-23-8-22	4304735190	8	S	22	E	23	14103		Gas Well	Producing
WRU EIH 16MU-26-8-22	4304735191	8	S	22	E	26	12528	14351	Gas Well	Producing
WRU EIH 2MU-26-8-22	4304735192	8	S	22	E	26	12528	14104	Gas Well	Producing
WRU EIH 16MU-35-8-22	4304735194	8	S	22	E	35	12528	14198	Gas Well	Producing
WRU EIH 8MU-35-8-22	4304735195	8	S	22	E	35	12528	17329	Gas Well	Producing
RW 32G-16C	4304735238	7	S	24	E	16	5670		Gas Well	Producing
GB 4D-28-8-21	4304735246	8	S	21	E	28	14645		Gas Well	Producing
GB 7M-28-8-21	4304735247	8	S	21	E	28	14432		Gas Well	Producing
GB 14M-28-8-21	4304735248	8	S	21	E	28	13992		Gas Well	Producing
SG 11MU-23-8-22	4304735257	8	S	22	E	23	13973		Gas Well	Producing
SC 13ML-16-10-23	4304735281	10	S	23	E	16	14036		Gas Well	Producing
SC 3ML-16-10-23	4304735282	10	S	23	E	16	14014		Gas Well	Producing
SC 11ML-16-10-23	4304735311	10	S	23	E	16	14035		Gas Well	Producing

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WVX 3MU-17-8-21	4304735318	8	S	21	E	17	14113		Gas Well	Producing
GH 15ML-18-8-21	4304735323	8	S	21	E	18	15483		Gas Well	Producing
GH 1ML-19-8-21	4304735324	8	S	21	E	19	14824		Gas Well	Producing
SG 15MU-14-8-22	4304735328	8	S	22	E	14	14338		Gas Well	Producing
WRU EIH 13MU-25-8-22	4304735329	8	S	22	E	25	12528	14168	Gas Well	Producing
EIHX 14MU-25-8-22	4304735330	8	S	22	E	25	14501		Gas Well	Producing
EIHX 11MU-25-8-22	4304735331	8	S	22	E	25	14470		Gas Well	Producing
NBE 12ML-10-9-23	4304735333	9	S	23	E	10	14260		Gas Well	Producing
NBE 13ML-17-9-23	4304735334	9	S	23	E	17	14000		Gas Well	Producing
WVX 14MU 17-8-21	4304735369	8	S	21	E	17	14098		Gas Well	Producing
WVX 12MU-17-8-21	4304735370	8	S	21	E	17	15108		Gas Well	Producing
WVX 8MU-19-8-21	4304735372	8	S	21	E	19	5355		Gas Well	Producing
SG 7MU-11-8-22	4304735374	8	S	22	E	11	14635		Gas Well	Producing
SG 1MU-11-8-22	4304735375	8	S	22	E	11	14279		Gas Well	Producing
SG 8MU-11-8-22	4304735380	8	S	22	E	11	14616		Gas Well	Producing
SG 10MU-11-8-22	4304735382	8	S	22	E	11	14979		Gas Well	Producing
WRU EIH 15ML-23-8-22	4304735387	8	S	22	E	23	12528	14681	Gas Well	Producing
GH 10ML-18-8-21	4304735391	8	S	21	E	18	15482		Gas Well	Producing
SU 11MU-9-8-21	4304735412	8	S	21	E	9	14143		Gas Well	Producing
EIHX 2MU-25-8-22	4304735427	8	S	22	E	25	14666		Gas Well	Producing
EIHX 1MU-25-8-22	4304735428	8	S	22	E	25	14705		Gas Well	Producing
EIHX 7MU-25-8-22	4304735429	8	S	22	E	25	14682		Gas Well	Producing
EIHX 8MU-25-8-22	4304735430	8	S	22	E	25	14706		Gas Well	Producing
WRU EIH 6MU-25-8-22	4304735431	8	S	22	E	25	12528	14379	Gas Well	Producing
WRU EIH 5MU-25-8-22	4304735432	8	S	22	E	25	12528	14240	Gas Well	Producing
EIHX 16MU-25-8-22	4304735434	8	S	22	E	25	14502		Gas Well	Producing
EIHX 15MU-25-8-22	4304735435	8	S	22	E	25	14571		Gas Well	Producing
EIHX 10MU-25-8-22	4304735436	8	S	22	E	25	14537		Gas Well	Producing
GB 3MU-3-8-22	4304735457	8	S	22	E	3	14575		Gas Well	Producing
NBE 15M-17-9-23	4304735463	9	S	23	E	17	14423		Gas Well	Producing
NBE 7ML-17-9-23	4304735464	9	S	23	E	17	14232		Gas Well	Producing
NBE 3ML-17-9-23	4304735465	9	S	23	E	17	14276		Gas Well	Producing
NBE 11M-17-9-23	4304735466	9	S	23	E	17	14431		Gas Well	Producing
NBE 6ML-10-9-23	4304735651	9	S	23	E	10	14422		Gas Well	Producing
NBE 12ML-17-9-23	4304735652	9	S	23	E	17	14278		Gas Well	Producing
RWS 10ML-6-9-24	4304735653	9	S	24	E	6	17644		Gas Well	Producing
NBE 15ML-26-9-23	4304735666	9	S	23	E	26	14326		Gas Well	Producing
WRU EIH 14MU-35-8-22	4304735667	8	S	22	E	35	12528	14615	Gas Well	Producing
RW 34-23AG	4304735668	7	S	22	E	23	5670		Oil Well	Producing
RWU 32-27AG	4304735670	7	S	22	E	27	5670		Oil Well	Producing
RW 14-34AMU	4304735671	7	S	22	E	34	18478		Gas Well	Producing
SG 4MU-23-8-22	4304735758	8	S	22	E	23	14380		Gas Well	Producing

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WRU EIH 13ML-24-8-22	4304735793	8	S	22	E	24	12528   14644	Gas Well	Producing
WRU EIH 16ML-23-8-22	4304735804	8	S	22	E	23	12528   14683	Gas Well	Producing
WV 14MU-10-8-21	4304735879	8	S	21	E	10	17123	Gas Well	Producing
RB DS FED 1G-7-10-18	4304735932	10	S	18	E	7	14457	Oil Well	Producing
OU SG 14MU-14-8-22	4304735950	8	S	22	E	14	14479	Gas Well	Producing
COY 12ML-24-8-24	4304736039	8	S	24	E	24	14592	Oil Well	Producing
WIH 1AMU-21-8-22	4304736060	8	S	22	E	21	14980	Gas Well	Producing
NBE 4ML-10-9-23	4304736098	9	S	23	E	10	15732	Gas Well	Producing
NBE 8ML-10-9-23	4304736099	9	S	23	E	10	15733	Gas Well	Producing
NBE 16ML-10-9-23	4304736100	9	S	23	E	10	14728	Gas Well	Producing
SUBW 14M-7-7-22	4304736136	7	S	22	E	7	15734	Gas Well	Producing
GB 16D-28-8-21	4304736260	8	S	21	E	28	14981	Gas Well	Producing
RW 44-08FG	4304736349	8	S	24	E	8	18478	Gas Well	Producing
RW 34-34 AD	4304736351	7	S	22	E	34	18478	Gas Well	Producing
NBE 5ML-10-9-23	4304736353	9	S	23	E	10	15227	Gas Well	Producing
NBE 7ML-10-9-23	4304736355	9	S	23	E	10	15850	Gas Well	Producing
NBE 3ML-10-9-23	4304736356	9	S	23	E	10	15393	Gas Well	Producing
EIHX 4MU-36-8-22	4304736444	8	S	22	E	36	14875	Gas Well	Producing
EIHX 3MU-36-8-22	4304736445	8	S	22	E	36	14860	Gas Well	Producing
EIHX 1MU-36-8-22	4304736447	8	S	22	E	36	14861	Gas Well	Producing
NBE 7ML-26-9-23	4304736587	9	S	23	E	26	16008	Gas Well	Producing
NBE 8ML-26-9-23	4304736588	9	S	23	E	26	15689	Gas Well	Producing
NBE 2ML-26-9-23	4304736590	9	S	23	E	26	15898	Gas Well	Producing
NBE 3ML-26-9-23	4304736591	9	S	23	E	26	15906	Gas Well	Producing
NBE 5ML-26-9-23	4304736592	9	S	23	E	26	15839	Gas Well	Producing
NBE 9ML-10-9-23	4304736593	9	S	23	E	10	15438	Gas Well	Producing
NBE 11ML-10-9-23	4304736594	9	S	23	E	10	15228	Gas Well	Producing
NBE 15ML-10-9-23	4304736595	9	S	23	E	10	15439	Gas Well	Producing
NBE 2ML-17-9-23	4304736614	9	S	23	E	17	15126	Gas Well	Producing
NBE 4ML-17-9-23	4304736615	9	S	23	E	17	15177	Gas Well	Producing
NBE 6ML-17-9-23	4304736616	9	S	23	E	17	15127	Gas Well	Producing
NBE 10ML-17-9-23	4304736617	9	S	23	E	17	15128	Gas Well	Producing
NBE 14ML-17-9-23	4304736618	9	S	23	E	17	15088	Gas Well	Producing
NBE 9ML-26-9-23	4304736619	9	S	23	E	26	15322	Gas Well	Producing
NBE 10D-26-9-23	4304736620	9	S	23	E	26	15975	Gas Well	Producing
NBE 13ML-26-9-23	4304736622	9	S	23	E	26	15690	Gas Well	Producing
NBE 14ML-26-9-23	4304736623	9	S	23	E	26	15262	Gas Well	Producing
NBE 16ML-26-9-23	4304736624	9	S	23	E	26	15735	Gas Well	Producing
SSU 8G-9-8-21	4304736736	8	S	21	E	9	14997	Oil Well	Producing
RW 41-26AG	4304736818	7	S	22	E	26	18478	Gas Well	Producing
SC 5ML-16-10-23	4304736877	10	S	23	E	16	15125	Gas Well	Producing
SC 12ML-16-10-23	4304736878	10	S	23	E	16	15053	Gas Well	Producing

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RW 01-36BG	4304736887	7	S	23	E	36	5670		Oil Well	Producing
SC 14ML-16-10-23	4304736908	10	S	23	E	16	15070		Gas Well	Producing
SC 4ML-16-10-23	4304736912	10	S	23	E	16	15208		Gas Well	Producing
SG 3MU-23-8-22	4304736940	8	S	22	E	14	15100		Gas Well	Producing
NBE 5ML-17-9-23	4304736941	9	S	23	E	17	15101		Gas Well	Producing
RW 04-25B	4304736982	7	S	23	E	25	18478		Oil Well	Producing
MULLIGAN 822-24H	4304737077	8	S	22	E	24	15547		Gas Well	Producing
MULLIGAN 822-24G	4304737078	8	S	22	E	24	15547		Gas Well	Producing
NBZ 8D-31-8-24	4304737238	8	S	24	E	31	17644		Gas Well	Producing
CWD 14D-32-8-24	4304737277	8	S	24	E	32	17644		Gas Well	Producing
CWD 16D-32-8-24	4304737278	8	S	24	E	32	17644		Gas Well	Producing
WRU EIH 11BML-35-8-22	4304737300	8	S	22	E	35	12528	15282	Gas Well	Producing
RWS 2ML-5-9-24	4304737306	9	S	24	E	5	17644		Gas Well	Producing
RWS 10ML-5-9-24	4304737308	9	S	24	E	5	18903		Gas Well	Producing
RWS 12ML-6-9-24	4304737312	9	S	24	E	6	17644		Gas Well	Producing
RWS 16ML-6-9-24	4304737335	9	S	24	E	6	17644		Gas Well	Producing
CWD 10D-32-8-24	4304737347	8	S	24	E	32	17644		Gas Well	Producing
RWS 8D-6-9-24	4304737352	9	S	24	E	6	17644		Gas Well	Producing
RWS 4ML-6-9-24	4304737412	9	S	24	E	6	17644		Gas Well	Producing
RWS 6D-6-9-24	4304737413	9	S	24	E	6	17644		Gas Well	Producing
WRU EIH 3D-ML-35-8-22	4304737465	8	S	22	E	35	12528	15552	Gas Well	Producing
WRU EIH 7D-ML-35-8-22	4304737466	8	S	22	E	35	12528	15637	Gas Well	Producing
NBE 2ML-10-9-23	4304737619	9	S	23	E	10	15860		Gas Well	Producing
GB 16ML-20-8-22	4304737664	8	S	22	E	20	15948		Gas Well	Producing
GB 8D-20-8-22	4304737665	8	S	22	E	20	15977		Gas Well	Producing
BZ 10D-16-8-24	4304737671	8	S	24	E	16	15979		Gas Well	Producing
RW 24-16BG	4304737746	7	S	23	E	16	5670		Oil Well	Producing
WV 12BML-16-8-21	4304737824	8	S	21	E	16	17123		Gas Well	Producing
WV 15CML-16-8-21	4304737871	8	S	21	E	16	17123		Gas Well	Producing
WV 14DML-12-8-21	4304737924	8	S	21	E	12	17123		Gas Well	Producing
WV 4DML-15-8-21	4304737927	8	S	21	E	15	17123		Gas Well	Producing
GB 9ML-16-8-22	4304737944	8	S	22	E	16	15851		Gas Well	Producing
SSU 11G-9-8-21	4304737991	8	S	21	E	9	16007		Oil Well	Producing
GH 16G-17-8-21	4304737993	8	S	21	E	17	5355		Oil Well	Producing
WV 11AD-14-8-21	4304738049	8	S	21	E	14	17123		Gas Well	Producing
GH 7D-19-8-21	4304738267	8	S	21	E	19	16922		Gas Well	Producing
WRU EIH 4AD-25-8-22	4304738636	8	S	22	E	25	12528	16651	Gas Well	Producing
WRU EIH 7AD-26-8-22	4304738637	8	S	22	E	26	12528	16579	Gas Well	Producing
WRU EIH 6DD-35-8-22	4304738640	8	S	22	E	35	12528	16511	Gas Well	Producing
WRU EIH 7AD-35-8-22	4304738641	8	S	22	E	35	16180		Gas Well	Producing
WRU EIH 9CD-26-8-22	4304738649	8	S	22	E	26	12528	16446	Gas Well	Producing
GH 6-20-8-21	4304738662	8	S	21	E	20	17041		Gas Well	Producing

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WV 6-24-8-21	4304738663	8	S	21	E	24	17123	Gas Well	Producing
WV 16C-14-8-21	4304738737	8	S	21	E	14	17123	Gas Well	Producing
GB 1M-4-8-22R (RIGSKID)	4304738990	8	S	22	E	4	15879	Gas Well	Producing
WRU EIH 6D-5-8-23	4304738994	8	S	23	E	5	16415	Gas Well	Producing
WV 13A-15-8-21	4304739039	8	S	21	E	15	17123	Gas Well	Producing
WV 8D-15-8-21	4304739040	8	S	21	E	15	17123	Gas Well	Producing
WV 4BD-23-8-21	4304739041	8	S	21	E	23	17123	Gas Well	Producing
WV 7BD-23-8-21	4304739044	8	S	21	E	23	17123	Gas Well	Producing
WV 13AD-8-8-22R(RIGSKID)	4304739321	8	S	22	E	8	17123	Gas Well	Producing
NBE 8CD-10-9-23	4304739341	9	S	23	E	10	16513	Gas Well	Producing
NBE 5DD-10-9-23	4304739346	9	S	23	E	10	16574	Gas Well	Producing
NBE 4DD-17-9-23	4304739348	9	S	23	E	17	16743	Gas Well	Producing
NBE 8BD-26-9-23	4304739351	9	S	23	E	26	16617	Gas Well	Producing
RW 34-27ADR	4304739445	7	S	22	E	27	18478	Gas Well	Producing
GB 15D-27-8-21	4304739662	8	S	21	E	27	16830	Gas Well	Producing
WV 13D-23-8-21	4304739663	8	S	21	E	23	16813	Gas Well	Producing
WV 15D-23-8-21	4304739664	8	S	21	E	23	16924	Gas Well	Producing
WRU GB 13G-3-8-22	4304739792	8	S	22	E	3	4915	Oil Well	Producing
SSU 2G-3-8-21	4304740159	8	S	21	E	3	13241	Oil Well	Producing
SSU 13G-4-8-21	4304740199	8	S	21	E	4	13241	Oil Well	Producing
GB 3D-4-8-22R(RIGSKID)	4304740345	8	S	22	E	4	17099	Gas Well	Producing
DS 9G-16-10-18	4304751171	10	S	18	E	16	18495	Oil Well	Producing
DS 13G-19-10-18	4304751178	10	S	18	E	19	18555	Oil Well	Producing
BW 15-18-7-22	4304751179	7	S	22	E	18	18653	Gas Well	Producing
DS 16G-20-10-18	4304751226	10	S	18	E	20	18475	Oil Well	Producing
RW 44-25B	4304751719	7	S	23	E	25	18478	Gas Well	Producing
RW 34-24B	4304751720	7	S	23	E	24	18478	Gas Well	Producing
RW 43-20B	4304751721	7	S	23	E	20	18478	Gas Well	Producing
RW 23A-28B	4304751722	7	S	23	E	28	18478	Gas Well	Producing
RW 32-29B	4304751723	7	S	23	E	29	18478	Gas Well	Producing
RW 31-20B	4304751724	7	S	23	E	20	18478	Gas Well	Producing
RW 32-25A	4304751788	7	S	22	E	25	18478	Gas Well	Producing
RW 12C3-25B	4304751903	7	S	23	E	25	18478	Gas Well	Producing
RW 12D1-25B	4304751904	7	S	23	E	25	18478	Gas Well	Producing
RW 12D4-25B	4304751905	7	S	23	E	25	18478	Gas Well	Producing
RW 12A2-28B	4304751938	7	S	23	E	28	18478	Gas Well	Producing
RW 13D2-24A	4304751939	7	S	22	E	24	18478	Gas Well	Producing
RW 14D3-24A	4304751940	7	S	22	E	24	18478	Gas Well	Producing
RW 12B4-27B	4304752234	7	S	23	E	27	18478	Gas Well	Producing
RW 9C1-24B	4304752237	7	S	23	E	24	18478	Gas Well	Producing
RW 9C1-26B	4304752238	7	S	23	E	26	18478	Gas Well	Producing
RW 8C1-30B	4304752240	7	S	23	E	30	18478	Gas Well	Producing

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RW 5D2-26B	4304752242	7	S	23	E	26	18478	Gas Well	Producing
RW 13B4-18C	4304752243	7	S	24	E	18	18478	Gas Well	Producing
RW 5B4-23B	4304752311	7	S	23	E	23	18478	Gas Well	Producing
RW 5C1-23B	4304752312	7	S	23	E	23	18478	Gas Well	Producing
RW 2B4-26B	4304752313	7	S	23	E	23	18478	Gas Well	Producing
RW 15C4-23B	4304752314	7	S	23	E	23	18478	Gas Well	Producing
RW 15C1-23B	4304752316	7	S	23	E	23	18478	Gas Well	Producing
RW 10C4-23B	4304752317	7	S	23	E	23	18478	Gas Well	Producing
RW 15B4-23B	4304752319	7	S	23	E	23	18478	Gas Well	Producing
RW 10C1-23B	4304752320	7	S	23	E	23	18478	Gas Well	Producing
RW 2B1-26B	4304752324	7	S	23	E	23	18478	Gas Well	Producing
RW 5C4-23B	4304752327	7	S	23	E	23	18478	Gas Well	Producing
RW 12B1-23B	4304752328	7	S	23	E	23	18478	Gas Well	Producing
RW 12C4-23B	4304752329	7	S	23	E	23	18478	Gas Well	Producing
RW 12C1-23B	4304752330	7	S	23	E	23	18478	Gas Well	Producing
RW 12B4-23B	4304752332	7	S	23	E	23	18478	Gas Well	Producing
RW 13B1-23B	4304752333	7	S	23	E	23	18478	Gas Well	Producing
EM 1G-36-9-17	4304752400	9	S	17	E	36	18860	Oil Well	Producing
DS 15G-5-10-18	4304752406	10	S	18	E	5	18959	Oil Well	Producing
DS 14G-6-10-18	4304753023	10	S	18	E	6	14457	Oil Well	Producing
DS 2G-6-10-18	4304753286	10	S	18	E	6	19002	Oil Well	Producing
RW 34-20BGR	4304753299	7	S	23	E	20	18478	Gas Well	Producing
RW 11-26AGR	4304753302	7	S	22	E	26	5670	Oil Well	Producing
RW 31-31BGR	4304753305	7	S	23	E	31	5670	Oil Well	Producing
RW 24-14AGR	4304753307	7	S	22	E	14	18478	Gas Well	Producing
RW 11-27AGR	4304753311	7	S	22	E	27	5670	Oil Well	Producing
RW 44-25AGR	4304753648	7	S	22	E	25	5670	Oil Well	Producing
RW 42-25AGR	4304753682	7	S	22	E	25	18478	Gas Well	Producing
RW H1-14-16B	4304754358	7	S	23	E	16	18478	Gas Well	Producing
RW 8B4-28B	4304754662	7	S	23	E	28	18478	Gas Well	Producing
RW 8C4-28B	4304754663	7	S	23	E	28	18478	Gas Well	Producing
RW 7C4-28B	4304754664	7	S	23	E	28	18478	Gas Well	Producing
RW 1C4-28B	4304754665	7	S	23	E	28	18478	Gas Well	Producing
RW 7B4-28B	4304754666	7	S	23	E	28	18478	Gas Well	Producing
RW 2C4-28B	4304754667	7	S	23	E	28	18478	Gas Well	Producing
RW 15C4-21B	4304754668	7	S	23	E	28	18478	Gas Well	Producing
RW 15B4-21B	4304754669	7	S	23	E	28	18478	Gas Well	Producing
RW 9C1-16A	4304755303	7	S	22	E	21	18478	Gas Well	Producing
RW 8C1-21A	4304755401	7	S	22	E	21	18478	Gas Well	Producing
RW 8B1-21A	4304755402	7	S	22	E	21	18478	Gas Well	Producing
RW 1C1-21A	4304755403	7	S	22	E	21	18478	Gas Well	Producing
RW 16B1-16A	4304755404	7	S	22	E	21	18478	Gas Well	Producing

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RW 16C1-16A	4304755405	7	S	22	E	21	18478	Gas Well	Producing
RW 9B1-21A	4304755406	7	S	22	E	21	18478	Gas Well	Producing
RW 1B1-21A	4304755414	7	S	22	E	21	18478	Gas Well	Producing
KJ 33B-17A	4304755649	7	S	22	E	17	100135	Gas Well	Producing
SR 32A-13H	4304755730	8	S	22	E	13	100136	Gas Well	Producing
WR 16G-32-10-17	4301350370	10	S	17	E	32	17720	Oil Well	Shut-in
WR 11G-5-10-17	4301351913	10	S	17	E	5	18554	Oil Well	Shut-in
RW 32-17C	4304715145	7	S	24	E	17	18478	Gas Well	Shut-in
RW 32-13B	4304715163	7	S	23	E	13	5670	Gas Well	Shut-in
RW 34-18B	4304715189	7	S	23	E	18	5670	Oil Well	Shut-in
RW 23-18B	4304715210	7	S	23	E	18	5670	Water Injection Well	Shut-in
RW 43-29A	4304715236	7	S	22	E	29	17947	Gas Well	Shut-in
RW 41-34B	4304715250	7	S	23	E	34	5670	Oil Well	Shut-in
RW 41-33A	4304715294	7	S	22	E	33	5670	Oil Well	Shut-in
RW 23-25A	4304715305	7	S	22	E	25	5670	Oil Well	Shut-in
WV 83 WG	4304720205	8	S	21	E	23	17123	Gas Well	Shut-in
WV 104	4304730022	8	S	21	E	15	5265	Oil Well	Shut-in
RW 44-21C	4304730149	7	S	24	E	21	5670	Gas Well	Shut-in
RW 21-34B	4304730258	7	S	23	E	34	5670	Oil Well	Shut-in
RW 22-17C	4304730388	7	S	24	E	17	5670	Gas Well	Shut-in
GLEN BENCH 31-30	4304731008	8	S	22	E	30	13727	Oil Well	Shut-in
RW 11-35B	4304731079	7	S	23	E	35	5670	Oil Well	Shut-in
GB 45-16	4304731399	8	S	22	E	16	13727	Oil Well	Shut-in
GB 31-20	4304731433	8	S	22	E	20	13727	Oil Well	Shut-in
WV 142	4304731612	8	S	21	E	16	5265	Oil Well	Shut-in
WV 145	4304731820	8	S	22	E	18	17123	Gas Well	Shut-in
GH 19	4304732651	8	S	21	E	20	5355	Oil Well	Shut-in
GH 21 WG	4304732692	8	S	21	E	21	11819	Gas Well	Shut-in
FLU KNOLLS FED 23-3	4304732754	10	S	18	E	3	12003	Oil Well	Shut-in
WV 49 WG	4304732832	8	S	22	E	8	17123	Gas Well	Shut-in
GB 6-36-8-21	4304733038	8	S	21	E	36	12378	Gas Well	Shut-in
WV 138 WG	4304733054	8	S	22	E	18	17123	Gas Well	Shut-in
WRU EIH 15-35-8-22	4304733061	8	S	22	E	35	12528	Gas Well	Shut-in
WV 14 WG	4304733070	8	S	21	E	12	17123	Gas Well	Shut-in
GB 2-36-8-21	4304733252	8	S	21	E	36	12527	Gas Well	Shut-in
WV 9W-14-8-21	4304733269	8	S	21	E	14	17123	Gas Well	Shut-in
WV 1W-18-8-22	4304733294	8	S	22	E	18	17123	Gas Well	Shut-in
WV 11W-8-8-22	4304733295	8	S	22	E	8	17123	Gas Well	Shut-in
WV 3W-7-8-22	4304733502	8	S	22	E	7	17123	Gas Well	Shut-in
GH 10W-19-8-21	4304733528	8	S	21	E	19	12736	Gas Well	Shut-in
WV 16W-9-8-21	4304733529	8	S	21	E	9	17123	Gas Well	Shut-in
WV 9W-12-8-21	4304733534	8	S	21	E	12	17123	Gas Well	Shut-in

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WV 11W-12-8-21	4304733535	8	S	21	E	12	17123	Gas Well	Shut-in
WV 11W-13-8-21	4304733536	8	S	21	E	13	5265	Gas Well	Shut-in
GH 5W-32-8-21	4304733572	8	S	21	E	32	12828	Gas Well	Shut-in
WV 3W-22-8-21	4304733604	8	S	21	E	22	17123	Gas Well	Shut-in
WV 13W-14-8-21	4304733607	8	S	21	E	14	17123	Gas Well	Shut-in
WV 11W-18-8-22	4304733626	8	S	22	E	18	17123	Gas Well	Shut-in
WV 9W-2-8-21	4304733648	8	S	21	E	2	17123	Gas Well	Shut-in
WV 4W-11-8-21	4304733657	8	S	21	E	11	17123	Gas Well	Shut-in
WV 2W-13-8-21	4304733791	8	S	21	E	13	17123	Gas Well	Shut-in
WV 12W-8-8-22	4304733815	8	S	22	E	8	17123	Gas Well	Shut-in
WV 14W-7-8-22	4304733816	8	S	22	E	7	17123	Gas Well	Shut-in
WV 16W-7-8-22	4304733817	8	S	22	E	7	17123	Gas Well	Shut-in
WV 6W-18-8-22	4304733842	8	S	22	E	18	17123	Gas Well	Shut-in
WV 6WC-18-8-22	4304733843	8	S	22	E	18	17123	Gas Well	Shut-in
WV 6WD-18-8-22	4304733844	8	S	22	E	18	17123	Gas Well	Shut-in
WV 7W-23-8-21	4304733861	8	S	21	E	23	17123	Gas Well	Shut-in
WV 8W-12-8-21	4304733862	8	S	21	E	12	17123	Gas Well	Shut-in
WV 10W-12-8-21	4304733863	8	S	21	E	12	17123	Gas Well	Shut-in
WV 14W-12-8-21	4304733864	8	S	21	E	12	17123	Gas Well	Shut-in
WV 16W-12-8-21	4304733865	8	S	21	E	12	17123	Gas Well	Shut-in
GH 5G-32-8-21	4304733866	8	S	21	E	32	13037	Oil Well	Shut-in
WV 1W-22-8-21	4304733903	8	S	21	E	22	5265	Gas Well	Shut-in
WV 11W-15-8-21	4304733911	8	S	21	E	15	17123	Gas Well	Shut-in
WV 13W-11-8-21	4304733913	8	S	21	E	11	17123	Gas Well	Shut-in
WV 15W-10-8-21	4304733916	8	S	21	E	10	17123	Gas Well	Shut-in
WV 15W-15-8-21	4304733917	8	S	21	E	15	17123	Gas Well	Shut-in
OU GB 4W-30-8-22	4304733945	8	S	22	E	30	13372	Gas Well	Shut-in
WV 5W-14-8-21	4304733953	8	S	21	E	14	17123	Gas Well	Shut-in
WV 7W-14-8-21	4304733955	8	S	21	E	14	17123	Gas Well	Shut-in
WV 8W-14-8-21	4304733958	8	S	21	E	14	17123	Gas Well	Shut-in
WV 9W-15-8-21	4304733959	8	S	21	E	15	17123	Gas Well	Shut-in
WV 8W-18-8-22	4304733989	8	S	22	E	18	17123	Gas Well	Shut-in
WV 10W-18-8-22	4304733991	8	S	22	E	18	17123	Gas Well	Shut-in
WV 14W-18-8-22	4304733995	8	S	22	E	18	17123	Gas Well	Shut-in
SU 15W-5-8-22	4304733996	8	S	22	E	5	13240	Gas Well	Shut-in
OU GB 6W-20-8-22	4304734018	8	S	22	E	20	13518	Gas Well	Shut-in
WV 2W-2-8-21	4304734034	8	S	21	E	2	17645	Gas Well	Shut-in
WV 4W-17-8-22	4304734038	8	S	22	E	17	17123	Gas Well	Shut-in
OU GB 11W-20-8-22	4304734039	8	S	22	E	20	13413	Gas Well	Shut-in
OU GB 4W-20-8-22	4304734043	8	S	22	E	20	13520	Gas Well	Shut-in
FED 2-20-10-18	4304734134	10	S	18	E	20	14366	Oil Well	Shut-in
WV 2W-23-8-21	4304734142	8	S	21	E	23	5265	Gas Well	Shut-in

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WV 4W-22-8-21	4304734146	8	S	21	E	22	17123	Gas Well	Shut-in
WV 3W-19-8-22	4304734187	8	S	22	E	19	17123	Gas Well	Shut-in
WV 6W-23-8-21	4304734189	8	S	21	E	23	17123	Gas Well	Shut-in
WV 11W-16-8-21	4304734190	8	S	21	E	16	17123	Gas Well	Shut-in
WV 13W-16-8-21	4304734191	8	S	21	E	16	17123	Gas Well	Shut-in
WV 2W-3-8-21	4304734207	8	S	21	E	3	13677	Gas Well	Shut-in
WV 2W-15-8-21	4304734242	8	S	21	E	15	17123	Gas Well	Shut-in
WV 4W-14-8-21	4304734244	8	S	21	E	14	17123	Gas Well	Shut-in
WV 7W-15-8-21	4304734246	8	S	21	E	15	17123	Gas Well	Shut-in
WV 14W-15-8-21	4304734249	8	S	21	E	15	17123	Gas Well	Shut-in
WV 6W-22-8-21	4304734272	8	S	21	E	22	13379	Oil Well	Shut-in
WV 10W-14-8-21	4304734275	8	S	21	E	14	17123	Gas Well	Shut-in
WV 10W-15-8-21	4304734295	8	S	21	E	15	17123	Gas Well	Shut-in
WV 5W-16-8-21	4304734321	8	S	21	E	16	17123	Gas Well	Shut-in
WV 9W-16-8-21	4304734325	8	S	21	E	16	17123	Gas Well	Shut-in
WV 4W-24-8-21	4304734330	8	S	21	E	24	17123	Gas Well	Shut-in
SU 16W-5-8-22	4304734446	8	S	22	E	5	13654	Gas Well	Shut-in
SU 2W-5-8-22	4304734455	8	S	22	E	5	13700	Gas Well	Shut-in
SU 10W-5-8-22	4304734456	8	S	22	E	5	13540	Gas Well	Shut-in
WV 16W-8-8-22	4304734470	8	S	22	E	8	13508	Gas Well	Shut-in
OU GB 16WX-30-8-22	4304734506	8	S	22	E	30	13431	Gas Well	Shut-in
OU GB 1W-19-8-22	4304734512	8	S	22	E	19	13469	Gas Well	Shut-in
OU GB 2W-19-8-22	4304734513	8	S	22	E	19	13461	Gas Well	Shut-in
OU GB 7W-30-8-22	4304734531	8	S	22	E	30	13494	Gas Well	Shut-in
OU GB 10W-19-8-22	4304734535	8	S	22	E	19	13479	Gas Well	Shut-in
OU GB 14W-19-8-22	4304734537	8	S	22	E	19	13484	Gas Well	Shut-in
OU GB 12W-17-8-22	4304734542	8	S	22	E	17	13543	Gas Well	Shut-in
OU GB 13W-17-8-22	4304734544	8	S	22	E	17	13547	Gas Well	Shut-in
OU GB 5W-29-8-22	4304734549	8	S	22	E	29	13505	Gas Well	Shut-in
OU GB 14W-29-8-22	4304734554	8	S	22	E	29	13528	Gas Well	Shut-in
OU GB 2W-17-8-22	4304734559	8	S	22	E	17	13539	Gas Well	Shut-in
OU GB 7W-17-8-22	4304734560	8	S	22	E	17	13599	Gas Well	Shut-in
OU GB 16W-18-8-22	4304734563	8	S	22	E	18	13559	Gas Well	Shut-in
OU GB 2W-20-8-22	4304734599	8	S	22	E	20	13664	Gas Well	Shut-in
OU GB 15W-17-8-22	4304734601	8	S	22	E	17	13632	Gas Well	Shut-in
OU GB 12W-16-8-22	4304734617	8	S	22	E	16	13697	Gas Well	Shut-in
OU GB 13W-16-8-22	4304734618	8	S	22	E	16	13611	Gas Well	Shut-in
OU GB 15W-16-8-22	4304734622	8	S	22	E	16	13595	Gas Well	Shut-in
OU GB 14W-9-8-22	4304734649	8	S	22	E	9	13545	Gas Well	Shut-in
OU GB 10W-9-8-22	4304734651	8	S	22	E	9	13545	Gas Well	Shut-in
OU GB 16SG-30-8-22	4304734688	8	S	22	E	30	13593	Gas Well	Shut-in
OU SG 4W-15-8-22	4304734713	8	S	22	E	15	13775	Oil Well	Shut-in

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OU GB 12W-15-8-22	4304734714	8	S	22	E	15	13838		Gas Well	Shut-in
OU SG 9W-15-8-22	4304734718	8	S	22	E	15	13773		Gas Well	Shut-in
OU SG 10M-15-8-22	4304734719	8	S	22	E	15	13722		Gas Well	Shut-in
OU SG 2MU-15-8-22	4304734721	8	S	22	E	15	13887		Gas Well	Shut-in
WRU GB 5M-9-8-22	4304734753	8	S	22	E	9	13545	14447	Gas Well	Shut-in
OU GB 13W-10-8-22	4304734754	8	S	22	E	10	13774		Gas Well	Shut-in
OU GB 12W-4-8-22	4304734762	8	S	22	E	4	13718		Gas Well	Shut-in
OU SG 9W-10-8-22	4304734783	8	S	22	E	10	13725		Gas Well	Shut-in
OU SG 16W-10-8-22	4304734784	8	S	22	E	10	13781		Gas Well	Shut-in
WRU EIH 11MU-26-8-22	4304734836	8	S	22	E	26	12528	13713	Gas Well	Shut-in
WRU EIH 2M-35-8-22	4304735052	8	S	22	E	35	13931		Gas Well	Shut-in
OU SG 9MU-11-8-22	4304735091	8	S	22	E	11	13967		Gas Well	Shut-in
RW 34-22C	4304735098	7	S	24	E	22	5670		Gas Well	Shut-in
WRU EIH 8MU-26-8-22	4304735193	8	S	22	E	26	12528	14234	Gas Well	Shut-in
NBE 4ML-26-9-23	4304735335	9	S	23	E	26	14215		Gas Well	Shut-in
WRU EIH 4MU-25-8-22	4304735388	8	S	22	E	25	12528	14339	Gas Well	Shut-in
WRU EIH 3MU-25-8-22	4304735389	8	S	22	E	25	12528	14341	Gas Well	Shut-in
WRU EIH 12ML-24-8-22	4304735425	8	S	22	E	24	12528	14536	Gas Well	Shut-in
WRU EIH 14ML-24-8-22	4304735426	8	S	22	E	24	12528	14646	Gas Well	Shut-in
EIHX 9MU-25-8-22	4304735433	8	S	22	E	25	14558		Gas Well	Shut-in
WRU EIH 12MU-25-8-22	4304735601	8	S	22	E	25	12528	14214	Gas Well	Shut-in
NBE 10ML-10-9-23	4304735650	9	S	23	E	10	14377		Gas Well	Shut-in
NBE 6ML-26-9-23	4304735664	9	S	23	E	26	14378		Gas Well	Shut-in
NBE 11ML-26-9-23	4304735665	9	S	23	E	26	14340		Gas Well	Shut-in
CWD 4ML-32-8-24	4304735684	8	S	24	E	32	17644		Gas Well	Shut-in
WRU EIH 11ML-24-8-22	4304735805	8	S	22	E	24	12528	14540	Gas Well	Shut-in
RB DS FED 14G-8-10-18	4304735933	10	S	18	E	8	14457		Oil Well	Shut-in
WV 13MU-10-8-21	4304736305	8	S	21	E	10	17123		Gas Well	Shut-in
NBE 1ML-26-9-23	4304736589	9	S	23	E	26	15880		Gas Well	Shut-in
NBE 12ML-26-9-23	4304736621	9	S	23	E	26	15840		Gas Well	Shut-in
NBZ 8ML-30-8-24	4304737231	8	S	24	E	30	17644		Gas Well	Shut-in
NBZ 13ML-29-8-24	4304737237	8	S	24	E	29	17644		Gas Well	Shut-in
WRU EIH 6B-ML-35-8-22	4304737299	8	S	22	E	35	12528	15281	Gas Well	Shut-in
RWS 12ML-5-9-24	4304737309	9	S	24	E	5	17644		Gas Well	Shut-in
RWS 14D-5-9-24	4304737310	9	S	24	E	5	17644		Gas Well	Shut-in
RWS 6D-5-9-24	4304737350	9	S	24	E	5	17644		Gas Well	Shut-in
RWS 4ML-5-9-24	4304737351	9	S	24	E	5	17644		Gas Well	Shut-in
RWS 14D-6-9-24	4304737414	9	S	24	E	6	17644		Gas Well	Shut-in
WV 13DML-10-8-21	4304737926	8	S	21	E	10	17123		Gas Well	Shut-in
SSU 2G-9-8-21	4304737990	8	S	21	E	9	13241		Oil Well	Shut-in
SSU 16G-4-8-21	4304738415	8	S	21	E	4	13241		Oil Well	Shut-in
SSU 14G-4-8-21	4304738436	8	S	21	E	4	13241		Oil Well	Shut-in

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NBE 10CD-17-9-23	4304739349	9	S	23	E	17	16616	Gas Well	Shut-in
RW 41-35AGR	4304751759	7	S	22	E	35	19103	Oil Well	Shut-in
RW 15B1-23B	4304752315	7	S	23	E	23	18478	Gas Well	Shut-in
DS 14G-7-10-18	4304752436	10	S	18	E	7	14457	Oil Well	Shut-in
RW 22-17BGR	4304753300	7	S	23	E	17	5670	Oil Well	Shut-in
RW 13-17BGR	4304753310	7	S	23	E	17	5670	Oil Well	Shut-in
RW 22-18BGR	4304753445	7	S	23	E	18	5670	Oil Well	Shut-in
RW 32-35B	4304730342	7	S	23	E	35	5670	Oil Well	Temporarily-abandoned
SU PURDY 14M-30-7-22	4304734384	7	S	22	E	30	13750	Gas Well	Temporarily-abandoned
RW 33-23AGR	4304753303	7	S	22	E	23	5670	Oil Well	Temporarily-abandoned
RW 34-14AGR	4304753439	7	S	22	E	14	5670	Oil Well	Temporarily-abandoned
RW 31-24AGR	4304753442	7	S	22	E	24	5670	Oil Well	Temporarily-abandoned

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

FORM 9

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>		5. LEASE DESIGNATION AND SERIAL NUMBER: See Attachment A
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: NA
		7. UNIT or CA AGREEMENT NAME: See Attachment A
1. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <u>X</u>	8. WELL NAME and NUMBER: See Attachment A	
2. NAME OF OPERATOR: Middle Fork Energy Uinta, LLC		9. API NUMBER: See Attachment A
3. ADDRESS OF OPERATOR: 1515 Wynkoop St, Ste 650 CITY Denver STATE CO ZIP 80202	PHONE NUMBER: (720) 500-0195	10. FIELD AND POOL, OR WILDCAT: See Attachment A
4. LOCATION OF WELL FOOTAGES AT SURFACE: See Attachment A		COUNTY: Uintah & Dushesne
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: See Attachment A		STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate)  Approximate date work will start: <u>4-1-18</u>	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only)  Date of work completion:	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u>Transfer of Operator</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

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

QEP Energy Company respectfully requests that the operator be transferred to Middle Fork Energy Uinta, LLC for all wells referenced on Attachment A - Lease Based. These wells have conductor set only.

Middle Fork Energy Uinta, LLC will operate the wells under Federal Bond No. LPM9291322 or State Bond LPM9291321 and will comply with all the Conditions of Approval within the originally approved Applications for Permit to Drill.

  
Michael K. Watanabe  
Vice President, Land

  
W. Worth Carlin  
Vice President - Land

NAME (PLEASE PRINT) <u>W. Worth Carlin</u>	TITLE <u>Vice President - Land</u>
SIGNATURE 	DATE <u>10-8-2018</u>

(This space for State use only)

APPROVED

OCT 31 2018

DIV. OIL GAS & MINING

BY: Rachel Medina

(See Instructions on Reverse Side)

RECEIVED

OCT 15 2018

DIV. OF OIL, GAS & MINING

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520-7  
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Attachment A - EPA Minor Permit Modification

September 6, 2018

AP

	API	Name	UIC Permit #	Sec	Qtr	Qtr	T	R
1	4304733244	DS FEDERAL 7-19-10-18	#N/A	19	SW	NE	10S	18E
2	4304733245	FEDERAL 5-20-10-18	UT20962-06344	20	SW	NW	10S	18E
3	4304732583	GB 12-16-8-22(WIW)	UT20765-04248	16	NW	SW	8S	22E
4	4304732756	GB 15-19-8-22(WIW)	UT20806-04338	19	SW	SE	8S	22E
5	4304731356	GB 22-20(WIW)	UT20755-04235	20	SE	NW	8S	22E
6	4304732549	GB 6-16-8-22 (WIW)	UT20878-04539	16	SE	NW	8S	22E
7	4304732582	GB 7-16-8-22(WIW)	UT20803-04335	16	SW	NE	8S	22E
8	4304732306	GH 10	UT20632-03721	21	NW	SE	8S	21E
9	4304732458	GH 12	UT20727-03794	19	NE	SE	8S	21E
10	4304731006	GH 1-20	UT20726-03792	20	NE	SW	8S	21E
11	4304732648	GH 15 (WIW)	UT20804-04336	20	SW	SW	8S	21E
12	4304732649	GH 17 (WIW)	UT20805-04337	20	SW	SE	8S	21E
13	4304731066	GH 2-20	UT20634-03722	20	NE	SE	8S	21E
14	4304720002	GH 3	UT20759-04241	20	NE	NE	8S	21E
15	4304731604	GH 3-21	UT20540-02714	21	SW	NW	8S	21E
16	4304731932	GH 8	UT20541-02715	20	SW	NE	8S	21E
17	4304737992	GH 8G-17-8-21	UT22222-09434	17	SE	NE	8S	21E
18	4304738875	NBE 12SWD-10-9-23	UT21078-07216	10	NW	SW	9S	23E
19	4304734135	PENDRAGON FED 9-17-10-18	UT20965-06347	17	NE	SE	10S	18E
20	4304733553	RW 11-20B	UT20894-04603	20	NW	NW	7S	23E
21	4304733590	RW 11-29B	UT20915-04629	29	NW	NW	7S	23E
22	4304733785	RW 11-30B	UT20929-04658	30	NW	NW	7S	23E
23	4304754035	RW 11-33B SWD	UT22271-10085	33	NW	NW	7S	23E
24	4304731052	RW 11-36B	UT20000-02453	36	NW	NW	7S	23E
25	4304733591	RW 12-24A	UT20921-04642	24	SW	NW	7S	22E
26	4304716477	RW 12-24B LONG STRING	UT20000-02421	24	SW	NW	7S	23E
27	4304733497	RW 13-19B	UT20897-04606	19	NW	SW	7S	23E
28	4304733498	RW 13-20B	UT20896-04605	20	NW	SW	7S	23E
29	4304715261	RW 13-22B LONG STRING	UT20000-02407	22	NW	SW	7S	23E
30	4304715144	RW 14-13B	UT20000-02396	13	SW	SW	7S	23E
31	4304716497	RW 14-21B	UT20000-02440	21	SW	SW	7S	23E
32	4304716472	RW 14-24B	UT20000-02416	24	SW	SW	7S	23E
33	4304715281	RW 21-20B	UT20000-02411	20	NE	NW	7S	23E
34	4304715151	RW 21-23B LONG STRING	UT20000-02397	23	SE	NW	7S	23E
35	4304730103	RW 21-27A	UT20000-02446	27	NE	NW	7S	22E
36	4304715161	RW 23-14B	UT20000-02398	14	NE	SW	7S	23E
37	4304715267	RW 23-15B	UT20000-02409	15	NE	SW	7S	23E
38	4304732739	RW 23-17B	UT20835-04402	17	NE	SW	7S	23E
39	4304715210	RW 23-18B	UT20000-02404	18	NE	SW	7S	23E
40	4304733555	RW 31-19B	UT20911-04616	19	NW	NE	7S	23E
41	4304731077	RW 31-26B	UT20000-02455	26	NW	NE	7S	23E
42	4304730519	RW 31-35B LONG STRING	UT20000-02449	35	NW	NE	7S	23E
43	4304715289	RW 33-13B	UT20000-02412	13	NW	SE	7S	23E
44	4304733499	RW 33-19B	UT20903-04611	19	NW	SE	7S	23E
45	4304716479	RW 33-22B	UT20000-02423	22	NW	SE	7S	23E
46	4304733790	RW 33-30B	UT20928-04650	30	NW	SE	7S	23E

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47	4304733593	RW 34-13A	UT20922-04643	13	SW	SE	7S	22E	
48	4304730458	RW 34-22A	UT20812-04348	22	SW	SE	7S	22E	
49	4304715146	RW 41-20B	UT20810-04346	20	NE	NE	7S	23E	
50	4304715221	RW 41-24A	UT20000-02406	24	SE	NE	7S	22E	AP
51	4304716473	RW 41-27B (GR)	UT20000-02417	27	NE	NE	7S	23E	AP
52	4304715182	RW 41-28B LONG STRING	UT20000-02400	28	NE	NE	7S	23E	AP
53	4304720060	RW 41-33B	UT20661-02444	33	NE	NE	7S	23E	
54	4304732980	RW 43-17B	UT20832-04399	17	NE	SE	7S	23E	
55	4304732982	RW 43-18B	UT20833-04400	18	NE	SE	7S	23E	
56	4304715219	RW 43-21A	UT20000-02463	21	NE	SE	7S	22E	AP
57	4304753680	RW 43-27AGR	UT22296-10402	27	NE	SE	7S	22E	
58	4304733987	SU 3W-5-8-22	UT20947-06158	5	NE	NW	8S	22E	
59	4304732462	WV 120	UT20770-04264	22	NE	NW	8S	21E	
60	4304730796	WV 126	UT20000-02509	21	NW	NE	8S	21E	AP
61	4304731707	WV 140	UT2567-03508	15	NW	NW	8S	21E	
62	4304731808	WV 143	UT20568-03509	10	NW	SE	8S	21E	
63	4304715447	WV 16	UT20000-02469	15	NE	NE	8S	21E	AP
64	4304715452	WV 21	UT20000-02471	16	NE	NE	8S	21E	AP
65	4304731524	WV 28-2	UT20000-02510	11	NE	SW	8S	21E	AP
66	4304715460	WV 31	UT20000-02394	14	NE	NW	8S	21E	AP
67	4304715463	WV 35	UT20813-04351	14	NE	SW	8S	21E	
68	4304715464	WV 36	UT20000-02479	10	NE	SW	8S	21E	AP
69	4304734596	WV 3G-8-8-22	UT20954-06195	8	NE	NW	8S	22E	
70	4304731798	WV 40-2	UT20000-02511	10	NE	SE	8S	21E	AP
71	4304715469	WV 41	UT20000-02483	15	NE	NW	8S	21E	AP
72	4304715477	WV 50	UT20563-03504	15	SW	NE	8S	21E	
73	4304720018	WV 59	UT20564-03505	14	SW	NW	8S	21E	
74	4304720019	WV 60	UT20565-03506	15	SW	SE	8S	21E	
75	4304720043	WV 67	UT20000-02497	15	NE	SW	8S	21E	AP
76	4304720047	WV 68	UT20000-02498	15	NE	SE	8S	21E	AP
77	4304732449	WV 71-2	UT20712-03777	15	SW	SW	8S	21E	
78	4304720058	WV 72	UT20000-02501	16	SW	SW	8S	21E	AP
79	4304720115	WV 78	UT20000-02504	16	NE	SW	8S	21E	AP
80	4304730014	WV 97	UT20814-04350	11	NW	SW	8S	21E	

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 Total 80

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Attachment A to Sundry Notice  
 QEP Energy to Middle Fork Energy Uinta, LLC  
 State and Fee Minerals

API Number	Well Name	Qtr/Qtr	Section	Township	Range	County	Lease or Unit #	Name of Unit or Lease
4304734121	GB 6W-25-8-21	SENW	25	8S	21E	UINTAH	FEE	Kay E Anderson and Stephen L. Jensen
4304734122	GB 7W-25-8-21	SWNE	25	8S	21E	UINTAH	FEE	Kay E Anderson and Stephen L. Jensen
4304734392	OU GB 11W-30-8-22	NESW	30	8S	22E	UINTAH	FEE	Paul Schwartz
4304737944	GB 9ML-16-8-22 (W)	NESE	16	8S	22E	UINTAH	ML-22049	State Minerals
4304734617	OU GB 12W-16-8-22	NWSW	16	8S	22E	UINTAH	ML-22049	State Minerals
4304734618	OU GB 13W-16-8-22	SWSW	16	8S	22E	UINTAH	ML-22049	State Minerals
4304734619	OU GB 14MU-16-8-22 (W)	SESW	16	8S	22E	UINTAH	ML-22049	State Minerals
4304734622	OU GB 15W-16-8-22	SWSE	16	8S	22E	UINTAH	ML-22049	State Minerals
4304734657	OU GB 2W-16-8-22	NWNE	16	8S	22E	UINTAH	ML-22049	State Minerals
4304734598	OU GB 4W-16-8-22	NWNW	16	8S	22E	UINTAH	ML-22049	State Minerals
4304733752	OU GB 5W-16-8-22	SWNW	16	8S	22E	UINTAH	ML-22049	State Minerals
4304734658	OU GB 6W-16-8-22	SENW	16	8S	22E	UINTAH	ML-22049	State Minerals
4304733754	OU GB 11W-16-8-22	NESW	16	8S	22E	UINTAH	ML-22049	State Minerals
4304734656	OU GB 1MU-16-8-22 (W)	NENE	16	8S	22E	UINTAH	ML-22049	State Minerals
4304734659	OU GB 7W-16-8-22	SWNE	16	8S	22E	UINTAH	ML-22049	State Minerals
4304733751	OU GB 3W-16-8-22	NENW	16	8S	22E	UINTAH	ML-22049	State Minerals
4304734655	OU GB 16W-16-8-22	SESE	16	8S	22E	UINTAH	ML-22049	State Minerals
4304734660	OU GB 8W-16-8-22	SENE	16	8S	22E	UINTAH	ML-22049	State Minerals
4304734829	GB 15G-16-8-22	SWSE	16	8S	22E	UINTAH	ML-22049	State Minerals
4304738764	GB 45G-36-8-21	NWNW	36	8S	21E	UINTAH	ML-22051	State Minerals
4304733944	GB 1W-36-8-21	NENE	36	8S	21E	UINTAH	ML-22051	State Minerals
4304733252	GB 2-36-8-21	NWNE	36	8S	21E	UINTAH	ML-22051	State Minerals
4304734894	GB 3W-36-8-21	NENW	36	8S	21E	UINTAH	ML-22051	State Minerals
4304734926	GB 4MU-36-8-21 (W)	NWNW	36	8S	21E	UINTAH	ML-22051	State Minerals
4304735155	GB 55G-36-8-21	SWNW	36	8S	21E	UINTAH	ML-22051	State Minerals
4304734925	GB 5W-36-8-21	SWNW	36	8S	21E	UINTAH	ML-22051	State Minerals
4304733038	GB 6-36-8-21	SENW	36	8S	21E	UINTAH	ML-22051	State Minerals
4304734893	GB 7MU-36-8-21 (W)	SWNE	36	8S	21E	UINTAH	ML-22051	State Minerals
4304733037	GB 8A-36-8-21	SENE	36	8S	21E	UINTAH	ML-22051	State Minerals
4304732724	TOLL STATION ST 8-36-8-21	SENE	36	8S	21E	UINTAH	ML-22051	State Minerals
4304733570	GH 1W-32-8-21	NENE	32	8S	21E	UINTAH	ML-22052	State Minerals

API Number	Well Name	Qtr/Qtr	Section	Township	Range	County	Lease or Unit #	Name of Unit or Lease
4304733744	GH 2W-32-8-21	NWNE	32	8S	21E	UINTAH	ML-22052	State Minerals
4304733571	GH 3W-32-8-21	NENW	32	8S	21E	UINTAH	ML-22052	State Minerals
4304733745	GH 4W-32-8-21	NWNW	32	8S	21E	UINTAH	ML-22052	State Minerals
4304733753	GH 6W-32-8-21	SENE	32	8S	21E	UINTAH	ML-22052	State Minerals
4304733573	GH 7W-32-8-21	SWNE	32	8S	21E	UINTAH	ML-22052	State Minerals
4304733746	GH 8W-32-8-21	SENE	32	8S	21E	UINTAH	ML-22052	State Minerals
4304733866	GH 5G-32-8-21	SWNW	32	8S	21E	UINTAH	ML-22052	State Minerals
4304733572	GH 5W-32-8-21	SWNW	32	8S	21E	UINTAH	ML-22052	State Minerals
4304730609	KAYE STATE 1-16	NWNW	16	10S	23E	UINTAH	ML-22186	State Minerals
4304735311	SC 11ML-16-10-23 (ML)	NESW	16	10S	23E	UINTAH	ML-22186	State Minerals
4304736878	SC 12ML-16-10-23 (W)	NWSW	16	10S	23E	UINTAH	ML-22186	State Minerals
4304735281	SC 13M-16-10-23 (MU)	SWSW	16	10S	23E	UINTAH	ML-22186	State Minerals
4304736908	SC 14ML-16-10-23 (W)	SESW	16	10S	23E	UINTAH	ML-22186	State Minerals
4304735282	SC 3ML-16-10-23 (ML)	NENW	16	10S	23E	UINTAH	ML-22186	State Minerals
4304736912	SC 4ML-16-10-23 (W)	NWNW	16	10S	23E	UINTAH	ML-22186	State Minerals
4304736877	SC 5ML-16-10-23 (W)	SWNW	16	10S	23E	UINTAH	ML-22186	State Minerals
4304734292	WV 4W-16-8-21	NWNW	16	8S	21E	UINTAH	ML-2237	State Minerals
4304720066	WV 73	NESE	16	8S	21E	UINTAH	ML-2237	State Minerals
4304733564	WV 6G-16-8-21	SENE	16	8S	21E	UINTAH	ML-2237	State Minerals
4304734034	WV 2W-2-8-21	NWNE	2	8S	21E	UINTAH	ML-2785	State Minerals
4304733645	WV 16WRG-2-8-21	SESE	2	8S	21E	UINTAH	ML-2785	State Minerals
4304733646	WV 16G-2-8-21	SESE	2	8S	21E	UINTAH	ML-2785	State Minerals
4304715292	RW 41-16B (GR)	NENE	16	7S	23E	UINTAH	ML-3037	State Minerals
4304733084	RW 23-16B	SESW	16	7S	23E	UINTAH	ML-3037	State Minerals
4304737671	BZ 10D-16-8-24 (DK)	NWSE	16	8S	24E	UINTAH	ML-3044A	State Minerals
4304715128	STATE 1	NENE	36	7S	24E	UINTAH	ML-3053	State Minerals
4304733223	WV 9W-13-8-21	NESE	13	8S	21E	UINTAH	ML-3084A	State Minerals
4304751171	DS 9G-16-10-18	NESE	16	10S	18E	UINTAH	ML-45175 (Zone A)	State Minerals
4304733647	WV 9G-2-8-21	NESE	2	8S	21E	UINTAH	ML-45175 (Zone A)	State Minerals
4304735484	WH 13G-2-7-24	SWSW	2	7S	24E	UINTAH	ML-46525	State Minerals
4301333485	BIG WASH 61-16 GR	NENE	16	10S	16E	DUCHESNE	ML-47000	State Minerals
4304734067	WV 11W-36-7-21	NESW	36	7S	21E	UINTAH	ML-47040	State Minerals
4304734065	WV 7W-36-7-21	SWNE	36	7S	21E	UINTAH	ML-47040	State Minerals
4304734066	WV 9WRG-36-7-21	NESE	36	7S	21E	UINTAH	ML-47040	State Minerals
4304734099	WV 5W-36-7-21	SWNW	36	7S	21E	UINTAH	ML-47047	State Minerals
4301333483	GILSONITE 11-02 GR	NWNE	2	10S	15E	DUCHESNE	ML-47049	State Minerals
4301333168	BIG SPRING 3-36 GR	SWNE	36	10S	15E	DUCHESNE	ML-47051	State Minerals

API Number	Well Name	Qtr/Qtr	Section	Township	Range	County	Lease or Unit #	Name of Unit or Lease
4304738055	HR 10MU-2-12-23 (MU)	NWSE	2	12S	23E	UINTAH	ML-50193	State Minerals
4304752400	EM 1G-36-9-17 (GR)	NENE	36	9S	17E	UINTAH	ML-51206	State Minerals
4304733730	RW 21-36A (AKA RWU 21W-3	NENW	36	7S	22E	UINTAH	U-0561ST	State Minerals
4304737946	RW 12-32BG (GR)	SWNW	32	7S	23E	UINTAH	UTO-02025-ST	State Minerals
4304731354	WHITE RIVER 43-16	NENW	16	8S	22E	UINTAH	Unit # UTU 73974X	State Minerals in Glen Bench Sec Recovery Unit
4304732857	GB 11-16-8-22	NESW	16	8S	22E	UINTAH	Unit # UTU 73974X	State Minerals in Glen Bench Sec Recovery Unit
4304731399	GB 45-16-8-22	NENE	16	8S	22E	UINTAH	Unit # UTU 73974X	State Minerals in Glen Bench Sec Recovery Unit
4304732583	GB 12-16-8-22(WIW)	NWSW	16	8S	22E	UINTAH	Unit # UTU 73974X	State Minerals in Glen Bench Sec Recovery Unit
4304732549	GB 6-16-8-22 (WIW)	SENW	16	8S	22E	UINTAH	Unit # UTU 73974X	State Minerals in Glen Bench Sec Recovery Unit
4304732582	GB 7-16-8-22(WIW)	SWNE	16	8S	22E	UINTAH	Unit # UTU 73974X	State Minerals in Glen Bench Sec Recovery Unit
4301350370	WR 16G-32-10-17	SESE	32	10S	17E	DUCHESNE	Unit # UTU 87716A	State Minerals Nautilus PA "A" Green River
4304754358	RW H1-14-16B	SWSW	16	7S	23E	UINTAH	Unit # UTU 63010D	State Minerals in Red Wash Unit PA "D" Gas
4304715177	RW 12-16B (GR)	SWNW	16	7S	23E	UINTAH	Unit # UTU 63010O	State Minerals in Red Wash Unit PA "O" Oil
4304732785	RW 14-16B (GR)	SWSW	16	7S	23E	UINTAH	Unit # UTU 63010O	State Minerals in Red Wash Unit PA "O" Oil
4304737746	RW 24-16BG (GR)	SESW	16	7S	23E	UINTAH	Unit # UTU 63010O	State Minerals in Red Wash Unit PA "O" Oil
4304732786	RW 34-16B (GR)	SWSE	16	7S	23E	UINTAH	Unit # UTU 63010O	State Minerals in Red Wash Unit PA "O" Oil
4304735238	RWU 32G-16C (GR)	SWNE	16	7S	24E	UINTAH	Unit # UTU 63010O	State Minerals in Red Wash Unit PA "O" Oil
4304736887	RW 01-36BG (GR)	NWNW	36	7S	23E	UINTAH	Unit # UTU 63010O	State Minerals in Red Wash Unit PA "O" Oil
4304733807	STATE 1-16-10-18	NENE	16	10S	18E	UINTAH	Unit # UTU 81306X	State Minerals in Uteland Butte Secondary Recovery Unit
4304734766	DS NORTH STATE 3-16-10-18	NENW	16	10S	18E	UINTAH	Unit # UTU 81306X	State Minerals in Uteland Butte Secondary Recovery Unit
4304734767	DS NORTH STATE 11-16-10-18	NESW	16	10S	18E	UINTAH	Unit # UTU 81306X	State Minerals in Uteland Butte Secondary Recovery Unit
4304734326	WV 10W-16-8-21	NWSE	16	8S	21E	UINTAH	Unit # UTU 63043E	State Minerals in Wonsits Valley PA "E" Gas
4304734190	WV 11W-16-8-21	NESW	16	8S	21E	UINTAH	Unit # UTU 63043E	State Minerals in Wonsits Valley PA "E" Gas
4304737824	WV 12BML-16-8-21 (W)	SWNW	16	8S	21E	UINTAH	Unit # UTU 63043E	State Minerals in Wonsits Valley PA "E" Gas
4304733649	WV 12W-16-8-21	NWSW	16	8S	21E	UINTAH	Unit # UTU 63043E	State Minerals in Wonsits Valley PA "E" Gas
4304734191	WV 13W-16-8-21	SWSW	16	8S	21E	UINTAH	Unit # UTU 63043E	State Minerals in Wonsits Valley PA "E" Gas
4304734192	WV 14W-16-8-21	SESW	16	8S	21E	UINTAH	Unit # UTU 63043E	State Minerals in Wonsits Valley PA "E" Gas
4304737871	WV 15CML-16-8-21 (ML)	SESW	16	8S	21E	UINTAH	Unit # UTU 63043E	State Minerals in Wonsits Valley PA "E" Gas
4304734224	WV 15W-16-8-21	SWSE	16	8S	21E	UINTAH	Unit # UTU 63043E	State Minerals in Wonsits Valley PA "E" Gas
4304733796	WV 16W-13-8-21	SESE	13	8S	21E	UINTAH	Unit # UTU 63043E	State Minerals in Wonsits Valley PA "E" Gas
4304734225	WV 16W-16-8-21	SESE	16	8S	21E	UINTAH	Unit # UTU 63043E	State Minerals in Wonsits Valley PA "E" Gas
4304734288	WV 1MU-16-8-21 (W)	NENE	16	8S	21E	UINTAH	Unit # UTU 63043E	State Minerals in Wonsits Valley PA "E" Gas

API Number	Well Name	Qtr/Qtr	Section	Township	Range	County	Lease or Unit #	Name of Unit or Lease
4304733246	WV 2W-16-8-21	NWNE	16	8S	21E	UINTAH	Unit # UTU 63043E	State Minerals in Wonsits Valley PA "E" Gas
4304734321	WV 5W-16-8-21	SWNW	16	8S	21E	UINTAH	Unit # UTU 63043E	State Minerals in Wonsits Valley PA "E" Gas
4304733527	WV 6W-16-8-21	SENE	16	8S	21E	UINTAH	Unit # UTU 63043E	State Minerals in Wonsits Valley PA "E" Gas
4304734322	WV 7W-16-8-21	SWNE	16	8S	21E	UINTAH	Unit # UTU 63043E	State Minerals in Wonsits Valley PA "E" Gas
4304734323	WV 8ML-16-8-21 (W)	SENE	16	8S	21E	UINTAH	Unit # UTU 63043E	State Minerals in Wonsits Valley PA "E" Gas
4304734325	WV 9W-16-8-21	NESE	16	8S	21E	UINTAH	Unit # UTU 63043E	State Minerals in Wonsits Valley PA "E" Gas
4304733648	WV 9W-2-8-21	NESE	2	8S	21E	UINTAH	Unit # UTU 63043E	State Minerals in Wonsits Valley PA "E" Gas
4304720085	WONSITS VALLEY 75	SWNE	16	8S	21E	UINTAH	Unit # UTU 63043O	State Minerals Wonsits Valley PA "O" Green River
4304734035	WV 10G-2-8-21	NWSE	2	8S	21E	UINTAH	Unit # UTU 63043O	State Minerals Wonsits Valley PA "O" Green River
4304731611	WV 127	SENE	16	8S	21E	UINTAH	Unit # UTU 63043O	State Minerals Wonsits Valley PA "O" Green River
4304731118	WV 134	SESE	16	8S	21E	UINTAH	Unit # UTU 63043O	State Minerals Wonsits Valley PA "O" Green River
4304734068	WV 13G-2-8-21	SWSW	2	8S	21E	UINTAH	Unit # UTU 63043O	State Minerals Wonsits Valley PA "O" Green River
4304731609	WV 141	NWSE	16	8S	21E	UINTAH	Unit # UTU 63043O	State Minerals Wonsits Valley PA "O" Green River
4304734036	WV 14G-2-8-21	SESW	2	8S	21E	UINTAH	Unit # UTU 63043O	State Minerals Wonsits Valley PA "O" Green River
4304733247	WV 2G-16-8-21	NWNE	16	8S	21E	UINTAH	Unit # UTU 63043O	State Minerals Wonsits Valley PA "O" Green River
4304716513	WV 32	NENW	16	8S	21E	UINTAH	Unit # UTU 63043O	State Minerals Wonsits Valley PA "O" Green River
4304734107	WV 5G-16-8-21	SWNW	16	8S	21E	UINTAH	Unit # UTU 63043O	State Minerals Wonsits Valley PA "O" Green River
4304720078	WV 74	SWSE	16	8S	21E	UINTAH	Unit # UTU 63043O	State Minerals Wonsits Valley PA "O" Green River
4304733650	WV 12G-16-8-21	NWSW	16	8S	21E	UINTAH	Unit # UTU 63043O	State Minerals Wonsits Valley PA "O" Green River
4304731612	WV 142	SESW	16	8S	21E	UINTAH	Unit # UTU 63043O	State Minerals Wonsits Valley PA "O" Green River
4304720058	WV 72	SWSW	16	8S	21E	UINTAH	Unit # UTU 63043O	State Minerals Wonsits Valley PA "O" Green River
4304720115	WV 78	NESW	16	8S	21E	UINTAH	Unit # UTU 63043O	State Minerals Wonsits Valley PA "O" Green River
4304715452	WV 21	NENE	16	8S	21E	UINTAH	Unit # UTU 63043O	State Minerals Wonsits Valley PA "O" Green River

Attachment A to Sundry Notice  
 QEP Energy to Middle Fork Energy Uinta, LLC  
 State and Fee Minerals

API Number	Well Name	Qtr/Qtr	Section	Township	Range	County	Lease or Unit #	Name of Unit or Lease
4304737347	CWD 10D-32-8-24 (M)	NWSE	32	8S	24E	UINTAH	Unit # UTU 81308C	Big Valley Consolidated PA "A"
4304737277	CWD 14D-32-8-24 (DK)	SESW	32	8S	24E	UINTAH	Unit # UTU 81308C	Big Valley Consolidated PA "A"
4304737278	CWD 16D-32-8-24 (M)	SESE	32	8S	24E	UINTAH	Unit # UTU 81308C	Big Valley Consolidated PA "A"
4304737238	NBZ 8D-31-8-24 (M)	SENE	31	8S	24E	UINTAH	Unit # UTU 81308C	Big Valley Consolidated PA "A"
4304735653	RWS 10ML-6-9-24 (ML)	NWSE	6	9S	24E	UINTAH	Unit # UTU 81308C	Big Valley Consolidated PA "A"
4304737312	RWS 12ML-6-9-24 (ML)	NWSW	6	9S	24E	UINTAH	Unit # UTU 81308C	Big Valley Consolidated PA "A"
4304737335	RWS 16ML-6-9-24 (ML)	SESE	6	9S	24E	UINTAH	Unit # UTU 81308C	Big Valley Consolidated PA "A"
4304737306	RWS 2ML-5-9-24 (W)	NWNE	5	9S	24E	UINTAH	Unit # UTU 81308C	Big Valley Consolidated PA "A"
4304737412	RWS 4ML-6-9-24 (W)	NWNW	6	9S	24E	UINTAH	Unit # UTU 81308C	Big Valley Consolidated PA "A"
4304737413	RWS 6D-6-9-24 (W)	SENE	6	9S	24E	UINTAH	Unit # UTU 81308C	Big Valley Consolidated PA "A"
4304737352	RWS 8D-6-9-24 (D)	SENE	6	9S	24E	UINTAH	Unit # UTU 81308C	Big Valley Consolidated PA "A"
4304737237	NBZ 13ML-29-8-24 (W)	SWSW	29	8S	24E	UINTAH	Unit # UTU 81308C	Big Valley Consolidated PA "A"
4304737231	NBZ 8ML-30-8-24 (W)	SENE	30	8S	24E	UINTAH	Unit # UTU 81308C	Big Valley Consolidated PA "A"
4304737309	RWS 12ML-5-9-24 (ML)	NWSW	5	9S	24E	UINTAH	Unit # UTU 81308C	Big Valley Consolidated PA "A"
4304737310	RWS 14D-5-9-24 (W)	SESW	5	9S	24E	UINTAH	Unit # UTU 81308C	Big Valley Consolidated PA "A"
4304737414	RWS 14D-6-9-24 (DK)	SESW	6	9S	24E	UINTAH	Unit # UTU 81308C	Big Valley Consolidated PA "A"
4304737351	RWS 4ML-5-9-24 (W)	NWNW	5	9S	24E	UINTAH	Unit # UTU 81308C	Big Valley Consolidated PA "A"
4304737350	RWS 6D-5-9-24 (DK)	SENE	5	9S	24E	UINTAH	Unit # UTU 81308C	Big Valley Consolidated PA "A"
4304735684	CWD 4ML-32-8-24 (MU)	NWNW	32	8S	24E	UINTAH	Unit # UTU 81308C	Big Valley Consolidated PA "A"
4304715182	RW 41-28B	NENE	28	7S	23E	UINTAH	U-02030	Federal Lease
4304731077	RW 31-26B	NWNE	26	7S	23E	UINTAH	U-0566	Federal Lease
4304716477	RW 12-24B	SWNW	24	7S	23E	UINTAH	U-082	Federal Lease
4304715151	RW 21-23B	SENE	23	7S	23E	UINTAH	U-082	Federal Lease
4304715936	RWE UTAH FED D-1	SWSW	14	7S	24E	UINTAH	UTSL065819	Federal Lease
4304715937	RWE UTAH FED D-2	NESW	25	7S	24E	UINTAH	UTSL065819	Federal Lease
4304730570	RWE UTAH FED D-3	NWNW	25	7S	24E	UINTAH	UTSL065819	Federal Lease
4304731215	RWE UTAH FED D-4	SWSE	14	7S	24E	UINTAH	UTSL065819	Federal Lease
4304733765	RW 22-13A	SENE	13	7S	22E	UINTAH	UTSL066446	Federal Lease
4304715308	RW 32-22C	SWNE	22	7S	24E	UINTAH	UTSL066791	Federal Lease
4304732677	PRINCE 4	SWSW	3	7S	24E	UINTAH	UTSL-070932A	Federal Lease
4304716199	PRINCE 1	SWSW	10	7S	24E	UINTAH	UTSL-070932A	Federal Lease
4304735241	WH 7G-10-7-24	SWNE	10	7S	24E	UINTAH	UTSL-070932A	Federal Lease
4304735242	WH 15G-10-7-24	SWSE	10	7S	24E	UINTAH	UTSL-070932A	Federal Lease

API Number	Well Name	Qtr/Qtr	Section	Township	Range	County	Lease or Unit #	Name of Unit or Lease
4304732595	RWU 312	SWNE	34	7S	24E	UINTAH	UTSL071963	Federal Lease
4304720136	RW 14-27C	SWSW	27	7S	24E	UINTAH	UTSL071965	Federal Lease
4304734343	WV 12W-23-8-21	NWSW	23	8S	21E	UINTAH	UTU -025963	Federal Lease
4304739663	WV 13D-23-8-21 (DK)	SWSW	23	8S	21E	UINTAH	UTU -025963	Federal Lease
4304739664	WV 15D-23-8-21 (DK)	SWSE	23	8S	21E	UINTAH	UTU -025963	Federal Lease
4304733909	WV 9W-23-8-21	NESE	23	8S	21E	UINTAH	UTU -025963	Federal Lease
4304720163	STAGECOACH UN-ST-FED 10-23	NESW	23	8S	21E	UINTAH	UTU -025963	Federal Lease
4304720203	STAGECOACH 12-23	NESE	23	8S	21E	UINTAH	UTU -025963	Federal Lease
4304734341	WVX 10W-23-8-21	NWSE	23	8S	21E	UINTAH	UTU -025963	Federal Lease
4304734754	OU GB 13W-10-8-22	SWSW	10	8S	22E	UINTAH	UTU- 43915	Federal Lease
4304734769	OU GB 12M-10-8-22 (M)	NWSW	10	8S	22E	UINTAH	UTU- 43915	Federal Lease
4304734625	OU GB 10W-17-8-22	NWSE	17	8S	22E	UINTAH	UTU- 65276	Federal Lease
4304734553	OU GB 11W-17-8-22	NESW	17	8S	22E	UINTAH	UTU- 65276	Federal Lease
4304734542	OU GB 12W-17-8-22	NWSW	17	8S	22E	UINTAH	UTU- 65276	Federal Lease
4304734544	OU GB 13W-17-8-22	SWSW	17	8S	22E	UINTAH	UTU- 65276	Federal Lease
4304734550	OU GB 14W-17-8-22	SESW	17	8S	22E	UINTAH	UTU- 65276	Federal Lease
4304734601	OU GB 15W-17-8-22	SWSE	17	8S	22E	UINTAH	UTU- 65276	Federal Lease
4304734602	OU GB 16W-17-8-22	SESE	17	8S	22E	UINTAH	UTU- 65276	Federal Lease
4304734623	OU GB 1W-17-8-22	NENE	17	8S	22E	UINTAH	UTU- 65276	Federal Lease
4304734560	OU GB 7W-17-8-22	SWNE	17	8S	22E	UINTAH	UTU- 65276	Federal Lease
4304734624	OU GB 9W-17-8-22	NESE	17	8S	22E	UINTAH	UTU- 65276	Federal Lease
4304734559	OU GB 2W-17-8-22	NWNE	17	8S	22E	UINTAH	UTU- 65276	Federal Lease
4304733513	OU GB 3W-17-8-22	NENW	17	8S	22E	UINTAH	UTU- 65276	Federal Lease
4304733514	OU GB 5W-17-8-22	SWNW	17	8S	22E	UINTAH	UTU- 65276	Federal Lease
4304734902	WVX 11D-22-8-21 (M)	NESW	22	8S	21E	UINTAH	UTU 68218	Federal Lease
4304735391	GH 10ML-18-8-21 (W)	NWSE	18	8S	21E	UINTAH	UTU 68219	Federal Lease
4304735323	GH 15ML-18-8-21 (W)	SWSE	18	8S	21E	UINTAH	UTU 68219	Federal Lease
4304734562	GHX 15W-17-8-21	SWSE	17	8S	21E	UINTAH	UTU 68219	Federal Lease
4304733912	WV 11W-17-8-21	NESW	17	8S	21E	UINTAH	UTU 68219	Federal Lease
4304733956	WV 7W-17-8-21	SWNE	17	8S	21E	UINTAH	UTU 68219	Federal Lease
4304735370	WVX 12MU-17-8-21 (W)	NWSW	17	8S	21E	UINTAH	UTU 68219	Federal Lease
4304735369	WVX 14MU-17-8-21 (MU)	SESW	17	8S	21E	UINTAH	UTU 68219	Federal Lease
4304734928	WVX 2W-17-8-21	NWNE	17	8S	21E	UINTAH	UTU 68219	Federal Lease
4304735318	WVX 3MU-17-8-21 (W)	NENW	17	8S	21E	UINTAH	UTU 68219	Federal Lease
4304734929	WVX 8W-17-8-21	SENE	17	8S	21E	UINTAH	UTU 68219	Federal Lease
4304734691	GB 11ML-10-8-22 (W)	NESW	10	8S	22E	UINTAH	UTU- 74494	Federal Lease
4304734768	OU GB 14W-10-8-22 (W)	SESW	10	8S	22E	UINTAH	UTU- 74494	Federal Lease

API Number	Well Name	Qtr/Qtr	Section	Township	Range	County	Lease or Unit #	Name of Unit or Lease
4304734716	OU GB 6W-15-8-22	SENW	15	8S	22E	UINTAH	UTU- 74494	Federal Lease
4304734402	WV 15W-6-8-22	SWSE	6	8S	22E	UINTAH	UTU0103144	Federal Lease
4304738642	WRU EIH 14BD-35-8-22	SESW	35	8S	22E	UINTAH	UTU01089	Federal Lease
4304738641	WRU EIH 7AD-35-8-22 (DK)	SWNE	35	8S	22E	UINTAH	UTU-01089	Federal Lease
4301530154	FERRON MRC 12 ORRI	SWNE	3	21S	7E	UINTAH	UTU011246	Federal Lease
4304715258	RW 21-18B	NENW	18	7S	23E	UINTAH	UTU0116	Federal Lease
4304735325	GH 16W-19-8-21	SESE	19	8S	21E	UINTAH	UTU0140740	Federal Lease
4304730099	GH 6 (WIW)	NENW	20	8S	21E	UINTAH	UTU0140740	Federal Lease
4304734151	GH 10W-20-8-21	NWSE	20	8S	21E	UINTAH	UTU-0140740	Federal Lease
4304734334	GH 11W-20-8-21	NESW	20	8S	21E	UINTAH	UTU-0140740	Federal Lease
4304735069	GH 12MU-20-8-21 (W)	NWSW	20	8S	21E	UINTAH	UTU-0140740	Federal Lease
4304733915	GH 14W-20-8-21	SESW	20	8S	21E	UINTAH	UTU-0140740	Federal Lease
4304734335	GH 15W-20-8-21	SWSE	20	8S	21E	UINTAH	UTU-0140740	Federal Lease
4304734336	GH 16W-20-8-21	SESE	20	8S	21E	UINTAH	UTU-0140740	Federal Lease
4304734327	GH 1W-20-8-21	NENE	20	8S	21E	UINTAH	UTU-0140740	Federal Lease
4304734328	GH 2W-20-8-21	NWNE	20	8S	21E	UINTAH	UTU-0140740	Federal Lease
4304734329	GH 3W-20-8-21	NENW	20	8S	21E	UINTAH	UTU-0140740	Federal Lease
4304734332	GH 7W-20-8-21	SWNE	20	8S	21E	UINTAH	UTU-0140740	Federal Lease
4304734333	GH 9W-20-8-21	NESE	20	8S	21E	UINTAH	UTU-0140740	Federal Lease
4304733528	GH 10W-19-8-21	NWSE	19	8S	21E	UINTAH	UTU-0140740	Federal Lease
4304735070	GH 13MU-20-8-21 (W)	SWSW	20	8S	21E	UINTAH	UTU-0140740	Federal Lease
4304735068	GH 4MU-20-8-21 (W)	NWNW	20	8S	21E	UINTAH	UTU-0140740	Federal Lease
4304735097	GH 5W-20-8-21	SWNW	20	8S	21E	UINTAH	UTU-0140740	Federal Lease
4304738662	GH 6-20-8-21 (W)	SENW	20	8S	21E	UINTAH	UTU-0140740	Federal Lease
4304715175	RW 12-29B (GR)	SWNW	29	7S	23E	UINTAH	UTU02025	Federal Lease
4304716490	RW 43-29B	NESE	29	7S	23E	UINTAH	UTU02025	Federal Lease
4304733766	RW 22-29B	SENW	29	7S	23E	UINTAH	UTU02025	Federal Lease
4304733771	RW 42-30B (GR)	SENE	30	7S	23E	UINTAH	UTU02025	Federal Lease
4304733788	RW 31-30B	NWNE	30	7S	23E	UINTAH	UTU02025	Federal Lease
4304715172	RW 23-30B	NESW	30	7S	23E	UINTAH	UTU02030	Federal Lease
4304715242	RW 34-19B	SWSE	19	7S	23E	UINTAH	UTU02030	Federal Lease
4304715252	RW 43-19B (MV)	NESE	19	7S	23E	UINTAH	UTU02030	Federal Lease
4304715280	RW 21-30B	NENW	30	7S	23E	UINTAH	UTU02030	Federal Lease
4304715174	RW 32-19B	SWNE	19	7S	23E	UINTAH	UTU02030	Federal Lease
4304715244	RW 12-19B	SWNW	19	7S	23E	UINTAH	UTU02030	Federal Lease
4304715271	RW 14-20B	SWSW	20	7S	23E	UINTAH	UTU02030	Federal Lease
4304715291	RW 23-20B (MV)	NESW	20	7S	23E	UINTAH	UTU02030	Federal Lease

API Number	Well Name	Qtr/Qtr	Section	Township	Range	County	Lease or Unit #	Name of Unit or Lease
4304733500	RW 33-20B	NWSE	20	7S	23E	UINTAH	UTU02030	Federal Lease
4304733552	RW 11-19B	NWNW	19	7S	23E	UINTAH	UTU02030	Federal Lease
4304733556	RW 42-19B (GR)	SENE	19	7S	23E	UINTAH	UTU02030	Federal Lease
4304715216	RW 23-18C	NESW	18	7S	24E	UINTAH	UTU02148	Federal Lease
4304715298	RW 23-17C	NESW	17	7S	24E	UINTAH	UTU02148	Federal Lease
4304730309	RW 14-18C (GR)	SWSW	18	7S	24E	UINTAH	UTU02148	Federal Lease
4304715147	RW 41-19C	NENE	19	7S	24E	UINTAH	UTU02149	Federal Lease
4304735239	RWU 12G-20C	SWNW	20	7S	24E	UINTAH	UTU02149	Federal Lease
4304733493	WV 3W-8-8-22	NENW	8	8S	22E	UINTAH	UTU022158	Federal Lease
4304734469	WV 8W-7-8-22	SENE	7	8S	22E	UINTAH	UTU022158	Federal Lease
4304737945	WV 13AD 8-8-22	SWSW	8	8S	22E	UINTAH	UTU022158	Federal Lease
4304730017	WONSITS VALLEY-FED 99	SESW	7	8S	22E	UINTAH	UTU022158	Federal Lease
4304733814	WV 10W-8-8-22	NWSE	8	8S	22E	UINTAH	UTU-022158	Federal Lease
4304734007	WV 14W-8-8-22	SESW	8	8S	22E	UINTAH	UTU-022158	Federal Lease
4304734470	WV 16W-8-8-22	SESE	8	8S	22E	UINTAH	UTU-022158	Federal Lease
4304734005	WV 8W-8-8-22	SENE	8	8S	22E	UINTAH	UTU-022158	Federal Lease
4304733515	WV 9W-8-8-22	NESE	8	8S	22E	UINTAH	UTU-022158	Federal Lease
4304733517	WV 15W-8-8-22	SWSE	8	8S	22E	UINTAH	UTU-022158	Federal Lease
4304738990	GB 1M-4-8-22R (M)	NENE	4	8S	22E	UINTAH	UTU-025010A	Federal Lease
4304740345	GB 3D-4-8-22R (DK)	Lot 6	4	8S	22E	UINTAH	UTU-025010A	Federal Lease
4304734762	OU GB 12W-4-8-22	NWSW	4	8S	22E	UINTAH	UTU-025010A	Federal Lease
4304734808	OU GB 5M-4-8-22	SWNW	4	8S	22E	UINTAH	UTU-025010A	Federal Lease
4304715090	WR 31-4-8-22(WSW)	SWSE	4	8S	22E	UINTAH	UTU02510A	Federal Lease
4304734006	WR 14W-4-8-22	SESW	4	8S	22E	UINTAH	UTU02510A	Federal Lease
4304735462	GB 1M-4-8-22 (M)	NENE	4	8S	22E	UINTAH	UTU02510A	Federal Lease
4304734152	GH 10W-21-8-21	NWSE	21	8S	21E	UINTAH	UTU-025960	Federal Lease
4304733847	GH 11W-21-8-21	NESW	21	8S	21E	UINTAH	UTU-025960	Federal Lease
4304734153	GH 12W-21-8-21	NWSW	21	8S	21E	UINTAH	UTU-025960	Federal Lease
4304734154	GH 14W-21-8-21	SESW	21	8S	21E	UINTAH	UTU-025960	Federal Lease
4304733848	GH 15W-21-8-21	SWSE	21	8S	21E	UINTAH	UTU-025960	Federal Lease
4304734157	GH 16W-21-8-21	SESE	21	8S	21E	UINTAH	UTU-025960	Federal Lease
4304732692	GH 21 WG	SWSW	21	8S	21E	UINTAH	UTU-025960	Federal Lease
4304733846	GH 9W-21-8-21	NESE	21	8S	21E	UINTAH	UTU-025960	Federal Lease
4304734156	GH 16W-17-8-21	SESE	17	8S	21E	UINTAH	UTU-025962	Federal Lease
4304715421	GYPSUM HILLS 1	NESE	17	8S	21E	UINTAH	UTU-025962	Federal Lease
4304735422	GB 8MU-10-8-22 (MU)	SENE	10	8S	22E	UINTAH	UTU-029649	Federal Lease
4304716478	RW 12-27A	SWNW	27	7S	22E	UINTAH	UTU0558	Federal Lease

API Number	Well Name	Qtr/Qtr	Section	Township	Range	County	Lease or Unit #	Name of Unit or Lease
4304715282	RW 34-28A (175)	SWSE	28	7S	22E	UINTAH	UTU0558	Federal Lease
4304715303	RW 21-34A (GR)	NENW	34	7S	22E	UINTAH	UTU0558	Federal Lease
4304730058	RW 43-28A	NESE	28	7S	22E	UINTAH	UTU0558	Federal Lease
4304735669	RWU 34-27AD (DK)	SWSE	27	7S	22E	UINTAH	UTU0558	Federal Lease
4304751759	RW 41-35AGR	NENE	35	7S	22E	UINTAH	UTU-0558	Federal Lease
4304715207	RW 34-21A (85)	SWSE	21	7S	22E	UINTAH	UTU0559	Federal Lease
4304715223	RW 14-22A	SWSW	22	7S	22E	UINTAH	UTU0559	Federal Lease
4304715301	RW 43-22A	NESE	22	7S	22E	UINTAH	UTU0559	Federal Lease
4304731581	RW 22-22A	SENW	22	7S	22E	UINTAH	UTU0559	Federal Lease
4304736770	RW 43-23AG	NESE	23	7S	22E	UINTAH	UTU0559	Federal Lease
4304733568	RW 34-24A	SWSE	24	7S	22E	UINTAH	UTU0561	Federal Lease
4304733569	RW 42-24A	SENE	24	7S	22E	UINTAH	UTU0561	Federal Lease
4304733574	RW 11-25A	NWNW	25	7S	22E	UINTAH	UTU0561	Federal Lease
4304733575	RW 13-25A	NWSW	25	7S	22E	UINTAH	UTU0561	Federal Lease
4304733577	RW 31-25A	NWNE	25	7S	22E	UINTAH	UTU0561	Federal Lease
4304733578	RW 33-25A	NWSE	25	7S	22E	UINTAH	UTU0561	Federal Lease
4304733580	RW 42-25A	SENE	25	7S	22E	UINTAH	UTU0561	Federal Lease
4304736769	RW 43-26AG	NESE	26	7S	22E	UINTAH	UTU0561	Federal Lease
4304715142	RW 34-27B	SWSE	27	7S	23E	UINTAH	UTU0566	Federal Lease
4304715194	RW 23-27B	NESW	27	7S	23E	UINTAH	UTU0566	Federal Lease
4304715197	RW 21-26B	NENW	26	7S	23E	UINTAH	UTU0566	Federal Lease
4304715256	RW 11-27B	NWNW	27	7S	23E	UINTAH	UTU0566	Federal Lease
4304730200	RW 31-27B	NWNE	27	7S	23E	UINTAH	UTU0566	Federal Lease
4304730257	RW 14-26B	SWSW	26	7S	23E	UINTAH	UTU0566	Federal Lease
4304730259	RW 43-26B	NESE	26	7S	23E	UINTAH	UTU0566	Federal Lease
4304730310	RW 21-35B	NENW	35	7S	23E	UINTAH	UTU0566	Federal Lease
4304730311	RW 12-26B (MV)	SWNW	26	7S	23E	UINTAH	UTU0566	Federal Lease
4304730343	RW 41-35B	NENE	35	7S	23E	UINTAH	UTU0566	Federal Lease
4304730344	RW 12-36B (GR)	SWNW	36	7S	23E	UINTAH	UTU0566	Federal Lease
4304730517	RW 22-26B	SENW	26	7S	23E	UINTAH	UTU0566	Federal Lease
4304730522	RW 13-26B	NWSW	26	7S	23E	UINTAH	UTU0566	Federal Lease
4304731076	RW 11-26B	NWNW	26	7S	23E	UINTAH	UTU0566	Federal Lease
4304731081	RW 42-35B (GR)	SENE	35	7S	23E	UINTAH	UTU0566	Federal Lease
4304731578	RW 12-35B (GR)	SWNW	35	7S	23E	UINTAH	UTU0566	Federal Lease
4304715277	RW 23-21B	NESW	21	7S	23E	UINTAH	UTU0567	Federal Lease
4304716482	RW 41-21B	NENE	21	7S	23E	UINTAH	UTU0567	Federal Lease
4304733522	RW 22-21B (GR)	SENW	21	7S	23E	UINTAH	UTU0567	Federal Lease

API Number	Well Name	Qtr/Qtr	Section	Township	Range	County	Lease or Unit #	Name of Unit or Lease
4304716496	RW 21-21B	NENW	21	7S	23E	UINTAH	UTU0569	Federal Lease
4304733993	WV 12W-18-8-22	NWSW	18	8S	22E	UINTAH	UTU057	Federal Lease
4304734648	OU GB 11W-15-8-22	NESW	15	8S	22E	UINTAH	UTU-058	Federal Lease
4304734714	OU GB 12W-15-8-22	NWSW	15	8S	22E	UINTAH	UTU-058	Federal Lease
4304735193	WRU EIH 8MU-26-8-22 (W)	SENE	26	8S	22E	UINTAH	UTU-0629	Federal Lease
4304715173	RW 41-21C	NENE	21	7S	24E	UINTAH	UTU080	Federal Lease
4304715299	RW 43-21C	NESE	21	7S	24E	UINTAH	UTU080	Federal Lease
4304715306	RW 23-21C	NESW	21	7S	24E	UINTAH	UTU080	Federal Lease
4304734047	WV 16W-1-8-21	SESE	1	8S	21E	UINTAH	UTU0802	Federal Lease
4304733794	WV 10W-1-8-21	NWSE	1	8S	21E	UINTAH	UTU0802	Federal Lease
4304734009	WV 8W-1-8-21	SENE	1	8S	21E	UINTAH	UTU0802	Federal Lease
4304734108	WV 12G-1-8-21	NWSW	1	8S	21E	UINTAH	UTU0802	Federal Lease
4304735248	GB 14M-28-8-21 (MU)	SESW	28	8S	21E	UINTAH	UTU-0803	Federal Lease
4304736260	GB 16D-28-8-21 (M)	SESE	28	8S	21E	UINTAH	UTU-0803	Federal Lease
4304735246	GB 4D-28-8-21 (M)	NWNW	28	8S	21E	UINTAH	UTU-0803	Federal Lease
4304735247	GB 7M-28-8-21 (M)	SWNE	28	8S	21E	UINTAH	UTU-0803	Federal Lease
4304730824	WONSITS VALLEY UNIT 1-35	NENE	21	8S	21E	UINTAH	UTU0804	Federal Lease
4304731047	WV 136	NENW	21	8S	21E	UINTAH	UTU0804	Federal Lease
4304732818	GH 22 WG	SWNW	22	8S	21E	UINTAH	UTU-0804	Federal Lease
4304733907	WV 7W-22-8-21	SWNE	22	8S	21E	UINTAH	UTU-0804	Federal Lease
4304734272	WV 6W-22-8-21 (GR)	SENW	22	8S	21E	UINTAH	UTU-0804	Federal Lease
4304733565	WV 16G-9-8-21	SESE	9	8S	21E	UINTAH	UTU0805	Federal Lease
4304733085	WV 11 WG	SWNE	12	8S	21E	UINTAH	UTU0806	Federal Lease
4304733270	WV 7W-13-8-21 (GR)	SWNE	13	8S	21E	UINTAH	UTU0806	Federal Lease
4304733532	WV 1W-13-8-21	NENE	13	8S	21E	UINTAH	UTU0806	Federal Lease
4304733606	WV 13W-13-8-21	SWSW	13	8S	21E	UINTAH	UTU0806	Federal Lease
4304733608	WV 15W-13-8-21	SWSE	13	8S	21E	UINTAH	UTU0806	Federal Lease
4304733659	WV 12W-10-8-21	NWSW	10	8S	21E	UINTAH	UTU0806	Federal Lease
4304734245	WV 6W-12-8-21	SENW	12	8S	21E	UINTAH	UTU0806	Federal Lease
4304734248	WV 12W-12-8-21	NWSW	12	8S	21E	UINTAH	UTU0806	Federal Lease
4304734265	WV 2W-12-8-21	NWNE	12	8S	21E	UINTAH	UTU0806	Federal Lease
4304734267	WV 3W-12-8-21	NENW	12	8S	21E	UINTAH	UTU0806	Federal Lease
4304734268	WV 4D-12-8-21 (DK)	NWNW	12	8S	21E	UINTAH	UTU0806	Federal Lease
4304734270	WV 5W-12-8-21	SWNW	12	8S	21E	UINTAH	UTU0806	Federal Lease
4304734274	WV 9W-11-8-21	NESE	11	8S	21E	UINTAH	UTU0806	Federal Lease
4304737923	WV 3DML-13-8-21	SENW	13	8S	21E	UINTAH	UTU0806	Federal Lease
4304737925	WV 15AML-12-8-21	NWSE	12	8S	21E	UINTAH	UTU0806	Federal Lease

API Number	Well Name	Qtr/Qtr	Section	Township	Range	County	Lease or Unit #	Name of Unit or Lease
4304715439	WONSITS VALLEY UNIT 8	NENE	12	8S	21E	UINTAH	UTU0806	Federal Lease
4304715440	WONSITS VALLEY 9	NESE	12	8S	21E	UINTAH	UTU0806	Federal Lease
4304715441	WONSITS VALLEY UNIT 10	NESW	12	8S	21E	UINTAH	UTU0806	Federal Lease
4304715442	WONSITS VALLEY UNIT 11	SWNE	12	8S	21E	UINTAH	UTU0806	Federal Lease
4304715444	WONSITS VALLEY UNIT 13	NESE	11	8S	21E	UINTAH	UTU0806	Federal Lease
4304715446	WONSITS VALLEY UNIT 15	SWNW	12	8S	21E	UINTAH	UTU0806	Federal Lease
4304715448	WONSITS VALLEY UNIT 17	SWSW	12	8S	21E	UINTAH	UTU0806	Federal Lease
4304715456	WONSITS VALLEY-FED 27	NENW	12	8S	21E	UINTAH	UTU0806	Federal Lease
4304715457	WONSITS VALLEY UNIT 28	NESW	11	8S	21E	UINTAH	UTU0806	Federal Lease
4304715458	WONSITS VALLEY UNIT 29	NENW	13	8S	21E	UINTAH	UTU0806	Federal Lease
4304715459	WONSITS VALLEY UNIT 30	NENE	11	8S	21E	UINTAH	UTU0806	Federal Lease
4304715462	WONSITS VALLEY UNIT 34	SWNW	11	8S	21E	UINTAH	UTU0806	Federal Lease
4304715467	WONSITS VALLEY FED 39	SWNE	11	8S	21E	UINTAH	UTU0806	Federal Lease
4304715470	WONSITS VALLEY-FED 42	SWSE	11	8S	21E	UINTAH	UTU0806	Federal Lease
4304715478	WONSITS VALLEY UNIT 51	NESW	13	8S	21E	UINTAH	UTU0806	Federal Lease
4304720001	WV 52	NENE	13	8S	21E	UINTAH	UTU0806	Federal Lease
4304720017	WONSITS VALLEY UNIT 58	SWSW	13	8S	21E	UINTAH	UTU0806	Federal Lease
4304720263	WONSITS VALLEY-FED 87	NWSE	12	8S	21E	UINTAH	UTU0806	Federal Lease
4304730007	WONSITS VALLEY UNIT 92	SESW	12	8S	21E	UINTAH	UTU0806	Federal Lease
4304730008	WONSITS VALLEY UNIT 93	SESE	11	8S	21E	UINTAH	UTU0806	Federal Lease
4304730009	WV 94	NWSE	11	8S	21E	UINTAH	UTU0806	Federal Lease
4304730010	WONSITS VALLEY UNIT 95	SENE	11	8S	21E	UINTAH	UTU0806	Federal Lease
4304730015	WONSITS VALLEY 98	SESW	11	8S	21E	UINTAH	UTU0806	Federal Lease
4304730026	WONSITS VALLEY-FED 108	SESE	12	8S	21E	UINTAH	UTU0806	Federal Lease
4304730050	WONSITS VALLEY 114	SESW	13	8S	21E	UINTAH	UTU0806	Federal Lease
4304730144	WV 115	SESW	12	8S	21E	UINTAH	UTU0806	Federal Lease
4304730195	STATE-FEDERAL 116	SESE	11	8S	21E	UINTAH	UTU0806	Federal Lease
4304730238	WONSITS VALLEY-STATE FEDERAL	NWNE	12	8S	21E	UINTAH	UTU0806	Federal Lease
4304731048	WONSITS VALLEY 88-2	NWSW	12	8S	21E	UINTAH	UTU0806	Federal Lease
4304731809	WONSITS VALLEY UNIT 101-2	NWNW	13	8S	21E	UINTAH	UTU0806	Federal Lease
4304734155	WV 16W-11-8-21	SESE	11	8S	21E	UINTAH	UTU0806	Federal Lease
4304715451	WONSITS VALLEY UNIT 20	NENW	11	8S	21E	UINTAH	UTU-0806	Federal Lease
4304734296	WV 12W-15-8-21	NWSW	15	8S	21E	UINTAH	UTU0807	Federal Lease
4304733902	WV 1W-15-8-21	NENE	15	8S	21E	UINTAH	UTU0807	Federal Lease
4304733952	WV 3W-14-8-21	NENW	14	8S	21E	UINTAH	UTU0807	Federal Lease
4304734279	WV 12W-14-8-21	NWSW	14	8S	21E	UINTAH	UTU0807	Federal Lease
4304715449	WONSITS VALLEY UNIT 18	NESE	14	8S	21E	UINTAH	UTU0807	Federal Lease

API Number	Well Name	Qtr/Qtr	Section	Township	Range	County	Lease or Unit #	Name of Unit or Lease
4304715472	WONSITS VALLEY UNIT 44	NENE	14	8S	21E	UINTAH	UTU0807	Federal Lease
4304720042	WONSITS VALLEY UNIT 66	SWSE	14	8S	21E	UINTAH	UTU0807	Federal Lease
4304720051	WONSITS VALLEY UNIT 71	SWSW	15	8S	21E	UINTAH	UTU0807	Federal Lease
4304730020	WVFU 102	NWNE	14	8S	21E	UINTAH	UTU0807	Federal Lease
4304730047	WVFU 111	SENE	14	8S	21E	UINTAH	UTU0807	Federal Lease
4304732102	WONSITS VALLEY FED 201	SWNE	15	8S	21E	UINTAH	UTU0807	Federal Lease
4304732308	WONSITS VALLEY 202	NWSW	15	8S	21E	UINTAH	UTU0807	Federal Lease
4304720223	WONSITS VALLEY UNIT 84	SWNW	23	8S	21E	UINTAH	UTU0809	Federal Lease
4304731049	WONSITS VALLEY 84-2	SWNW	23	8S	21E	UINTAH	UTU0809	Federal Lease
4304715137	RW 41-22B	NENE	22	7S	23E	UINTAH	UTU081	Federal Lease
4304715143	RW 14-22B	SWSW	22	7S	23E	UINTAH	UTU081	Federal Lease
4304715160	RW 14-14B	SWSW	14	7S	23E	UINTAH	UTU081	Federal Lease
4304715168	RW 34-13B (GR)	SWSE	13	7S	23E	UINTAH	UTU081	Federal Lease
4304715190	RW 42-22B	SENE	22	7S	23E	UINTAH	UTU081	Federal Lease
4304715259	RW 24-13B	SESW	13	7S	23E	UINTAH	UTU081	Federal Lease
4304715263	RW 31-22B	NWNE	22	7S	23E	UINTAH	UTU081	Federal Lease
4304715285	RW 22-13B	SENW	13	7S	23E	UINTAH	UTU081	Federal Lease
4304716485	RW 41-13B	NENE	13	7S	23E	UINTAH	UTU081	Federal Lease
4304730202	RW 44-22B	SESE	22	7S	23E	UINTAH	UTU081	Federal Lease
4304731512	RW 44-13B	SESE	13	7S	23E	UINTAH	UTU081	Federal Lease
4304731577	RW 11-22B	NWNW	22	7S	23E	UINTAH	UTU081	Federal Lease
4304734337	WV 2W-24-8-21	NWNE	24	8S	21E	UINTAH	UTU0810	Federal Lease
4304720199	WONSITS VALLEY 81	SWNW	24	8S	21E	UINTAH	UTU0810	Federal Lease
4304715141	RW 12-23B	SWNW	23	7S	23E	UINTAH	UTU082	Federal Lease
4304715212	RW 11-23B	NWNW	23	7S	23E	UINTAH	UTU082	Federal Lease
4304715278	RW 23-24B	NESW	24	7S	23E	UINTAH	UTU082	Federal Lease
4304715295	RW 43-24B (GR)	NESE	24	7S	23E	UINTAH	UTU082	Federal Lease
4304716476	RW 23-23B	NESW	23	7S	23E	UINTAH	UTU082	Federal Lease
4304730192	RW 22-23B	SENW	23	7S	23E	UINTAH	UTU082	Federal Lease
4304730212	RW 13-23B	NWSW	23	7S	23E	UINTAH	UTU082	Federal Lease
4304730249	RW 24-23B	SESW	23	7S	23E	UINTAH	UTU082	Federal Lease
4304731515	RW 12-23BX	SWNW	23	7S	23E	UINTAH	UTU082	Federal Lease
4304731683	RW 22-24B	SENW	24	7S	23E	UINTAH	UTU082	Federal Lease
4304715164	RW 41-25B	NENE	25	7S	23E	UINTAH	UTU0823	Federal Lease
4304715249	RW 32-05F	SWNE	5	8S	24E	UINTAH	UTU0823	Federal Lease
4304730312	RW 12-25B	SWNW	25	7S	23E	UINTAH	UTU0823	Federal Lease
4304735656	RW 22G-09F	SENW	9	8S	24E	UINTAH	UTU0826	Federal Lease

API Number	Well Name	Qtr/Qtr	Section	Township	Range	County	Lease or Unit #	Name of Unit or Lease
4304732538	RW 41-4F	C-NE	4	8S	24E	UINTAH	UTU-0830	Federal Lease
4304730199	RW 13-27B (GR)	NWSW	27	7S	23E	UINTAH	UTU0933	Federal Lease
4304715083	WHITE RIVER UNIT 19-9	SWNE	9	8S	22E	UINTAH	UTU0971	Federal Lease
4304715087	WHITE RIVER UNIT 25-9	NENE	9	8S	22E	UINTAH	UTU0971	Federal Lease
4304734687	OU WIH 2M-21-8-22	NWNE	21	8S	22E	UINTAH	UTU28652	Federal Lease
4304734755	OU GB 6MU-21-8-22 (W)	SEW	21	8S	22E	UINTAH	UTU-28652	Federal Lease
4304734681	OU WIH 10W-21-8-22	NWSE	21	8S	22E	UINTAH	UTU-28652	Federal Lease
4304734646	OU WIH 13W-21-8-22	SWSW	21	8S	22E	UINTAH	UTU-28652	Federal Lease
4304734664	OU WIH 14W-21-8-22	SESW	21	8S	22E	UINTAH	UTU-28652	Federal Lease
4304734634	OU WIH 15MU-21-8-22	SWSE	21	8S	22E	UINTAH	UTU-28652	Federal Lease
4304734689	OU WIH 7W-21-8-22	SWNE	21	8S	22E	UINTAH	UTU-28652	Federal Lease
4304736060	WIH 1AMU-21-8-22 (W)	NENE	21	8S	22E	UINTAH	UTU-28652	Federal Lease
4304734685	OU GB 4G-21-8-22	NWNW	21	8S	22E	UINTAH	UTU-28652	Federal Lease
4304734690	OU GB 5W-21-8-22	SWNW	21	8S	22E	UINTAH	UTU-28652	Federal Lease
4304734686	OU GB 3W-21-8-22 (GB)	NENW	21	8S	22E	UINTAH	UTU-28652	Federal Lease
4304734693	OU WIH 1MU-21-8-22 (MU)	NENE	21	8S	22E	UINTAH	UTU-28652	Federal Lease
4304731805	BRENNAN FZ-BB1	NESE	20	7S	21E	UINTAH	UTU42050	Federal Lease
4304734835	WRU EIH 14W-26-8-22	SESW	26	8S	22E	UINTAH	UTU43916	Federal Lease
4304736446	EIHX 2MU-36-8-22 (W)	NWNE	36	8S	22E	UINTAH	UTU56960	Federal Lease
4304736447	EIHX 1MU-36-8-22 (W)	NENE	36	8S	22E	UINTAH	UTU-56960	Federal Lease
4304736445	EIHX 3MU-36-8-22 (W)	NENW	36	8S	22E	UINTAH	UTU-56960	Federal Lease
4304736444	EIHX 4MU-36-8-22 (W)	NWNW	36	8S	22E	UINTAH	UTU-56960	Federal Lease
4304731024	LANSDALE FEDERAL 1-11	SWSW	11	7S	24E	UINTAH	UTU60746	Federal Lease
4301331888	W RIVER BEND 3-12-10-15	NENW	12	10S	15E	DUCHESNE	UTU63150	Federal Lease
4304731556	GB 3-17	SESE	17	8S	22E	UINTAH	UTU65276	Federal Lease
4304731487	ANTELOPE DRAW 1-19-2C	SENE	19	8S	22E	UINTAH	UTU65404	Federal Lease
4304734512	OU GB 1W-19-8-22	NENE	19	8S	22E	UINTAH	UTU-65404	Federal Lease
4304734515	OU GB 7W-19-8-22	SWNE	19	8S	22E	UINTAH	UTU-65404	Federal Lease
4304734516	OU GB 8W-19-8-22	SENE	19	8S	22E	UINTAH	UTU-65404	Federal Lease
4304734513	OU GB 2W-19-8-22	NWNE	19	8S	22E	UINTAH	UTU-65404	Federal Lease
4304734534	OU GB 6W-19-8-22	SEW	19	8S	22E	UINTAH	UTU-65404	Federal Lease
4304735331	EIHX 11MU-25-8-22 (W)	NESW	25	8S	22E	UINTAH	UTU-65471	Federal Lease
4304735330	EIHX 14MU-25-8-22 (W)	SESW	25	8S	22E	UINTAH	UTU-65471	Federal Lease
4304735428	EIHX 1MU-25-8-22 (W)	NENE	25	8S	22E	UINTAH	UTU-65471	Federal Lease
4304735427	EIHX 2MU-25-8-22 (W)	NWNE	25	8S	22E	UINTAH	UTU-65471	Federal Lease
4304735429	EIHX 7MU-25-8-22 (W)	SWNE	25	8S	22E	UINTAH	UTU-65471	Federal Lease
4304735430	EIHX 8MU-25-8-22 (W)	SENE	25	8S	22E	UINTAH	UTU-65471	Federal Lease

API Number	Well Name	Qtr/Qtr	Section	Township	Range	County	Lease or Unit #	Name of Unit or Lease
4304735436	EIHX 10MU-25-8-22 (W)	NWSE	25	8S	22E	UINTAH	UTU-65472	Federal Lease
4304735435	EIHX 15MU-25-8-22 (W)	SWSE	25	8S	22E	UINTAH	UTU-65472	Federal Lease
4304735434	EIHX 16MU-25-8-22 (W)	SESE	25	8S	22E	UINTAH	UTU-65472	Federal Lease
4304735433	EIHX 9MU-25-8-22 (W)	NESE	25	8S	22E	UINTAH	UTU-65472	Federal Lease
4304734147	GH 5W-21-8-21	SWNW	21	8S	21E	UINTAH	UTU-68217	Federal Lease
4304734148	GH 6W-21-8-21	SENW	21	8S	21E	UINTAH	UTU-68217	Federal Lease
4304733845	GH 7W-21-8-21	SWNE	21	8S	21E	UINTAH	UTU-68217	Federal Lease
4304734149	GH 8W-21-8-21	SENE	21	8S	21E	UINTAH	UTU-68217	Federal Lease
4304734561	WVX 10W-17-8-21 (GR)	NWSE	17	8S	21E	UINTAH	UTU68219	Federal Lease
4304735324	GH 1ML-19-8-21 (W)	NENE	19	8S	21E	UINTAH	UTU-68220	Federal Lease
4304738267	GH 7D-19-8-21 (MV)	SWNE	19	8S	21E	UINTAH	UTU-68220	Federal Lease
4304732754	FLU KNOLLS FED 23-3	NESW	3	10S	18E	UINTAH	UTU-68620	Federal Lease
4304734604	OU GB 1W-20-8-22	NENE	20	8S	22E	UINTAH	UTU69001	Federal Lease
4304734599	OU GB 2W-20-8-22	NWNE	20	8S	22E	UINTAH	UTU-69001	Federal Lease
4304734018	OU GB 6W-20-8-22	SENW	20	8S	22E	UINTAH	UTU-69001	Federal Lease
4304734705	OU GB 7W-20-8-22	SWNE	20	8S	22E	UINTAH	UTU-69001	Federal Lease
4304737665	GB 8D-20-8-22 (W)	SENE	20	8S	22E	UINTAH	UTU-69001	Federal Lease
4304733526	OU GB 3W-20-8-22	NENW	20	8S	22E	UINTAH	UTU-69001	Federal Lease
4304734043	OU GB 4W-20-8-22	NWNW	20	8S	22E	UINTAH	UTU-69001	Federal Lease
4304734209	OU GB 5W-20-8-22	SWNW	20	8S	22E	UINTAH	UTU-69001	Federal Lease
4304734403	SU BW 15W-18-7-22	SWSE	18	7S	22E	UINTAH	UTU71416	Federal Lease
4304732493	EAST COYOTE FED 14-4-8-25	SESW	4	8S	25E	UINTAH	UTU-72109	Federal Lease
4304736143	NBE 8ML-12-9-23 (W)	SENE	12	9S	23E	UINTAH	UTU72634	Federal Lease
4304736620	NBE 10D-26-9-23 (M)	NWSE	26	9S	23E	UINTAH	UTU-72634	Federal Lease
4304736617	NBE 10ML-17-9-23 (W)	NWSE	17	9S	23E	UINTAH	UTU-72634	Federal Lease
4304736594	NBE 11ML-10-9-23 (W)	NESW	10	9S	23E	UINTAH	UTU-72634	Federal Lease
4304735466	NBE 11ML-17-9-23 (W)	NESW	17	9S	23E	UINTAH	UTU-72634	Federal Lease
4304735333	NBE 12ML-10-9-23 (ML)	NWSW	10	9S	23E	UINTAH	UTU-72634	Federal Lease
4304735652	NBE 12ML-17-9-23 (ML)	NWSW	17	9S	23E	UINTAH	UTU-72634	Federal Lease
4304735334	NBE 13ML-17-9-23 (ML)	SWSW	17	9S	23E	UINTAH	UTU-72634	Federal Lease
4304736622	NBE 13ML-26-9-23 (W)	SWSW	26	9S	23E	UINTAH	UTU-72634	Federal Lease
4304736618	NBE 14ML-17-9-23 (W)	SESW	17	9S	23E	UINTAH	UTU-72634	Federal Lease
4304736623	NBE 14ML-26-9-23 (W)	SESW	26	9S	23E	UINTAH	UTU-72634	Federal Lease
4304736595	NBE 15ML-10-9-23 (W)	SWSE	10	9S	23E	UINTAH	UTU-72634	Federal Lease
4304735463	NBE 15ML-17-9-23 (W)	SWSE	17	9S	23E	UINTAH	UTU-72634	Federal Lease
4304735666	NBE 15ML-26-9-23 (ML)	SWSE	26	9S	23E	UINTAH	UTU-72634	Federal Lease
4304736100	NBE 16ML-10-9-23 (W)	SESE	10	9S	23E	UINTAH	UTU-72634	Federal Lease

API Number	Well Name	Qtr/Qtr	Section	Township	Range	County	Lease or Unit #	Name of Unit or Lease
4304736624	NBE 16ML-26-9-23 (W)	SESE	26	9S	23E	UINTAH	UTU-72634	Federal Lease
4304737619	NBE 2ML-10-9-23 (W)	NWNE	10	9S	23E	UINTAH	UTU-72634	Federal Lease
4304736614	NBE 2ML-17-9-23 (W)	NWNE	17	9S	23E	UINTAH	UTU-72634	Federal Lease
4304736590	NBE 2ML-26-9-23 (W)	NWNE	26	9S	23E	UINTAH	UTU-72634	Federal Lease
4304736356	NBE 3ML-10-9-23 (W)	NENW	10	9S	23E	UINTAH	UTU-72634	Federal Lease
4304735465	NBE 3ML-17-9-23 (W)	NENW	17	9S	23E	UINTAH	UTU-72634	Federal Lease
4304736591	NBE 3ML-26-9-23 (W)	NENW	26	9S	23E	UINTAH	UTU-72634	Federal Lease
4304739348	NBE 4DD-17-9-23 (M)	NWNW	17	9S	23E	UINTAH	UTU-72634	Federal Lease
4304736098	NBE 4ML-10-9-23 (W)	NWNW	10	9S	23E	UINTAH	UTU-72634	Federal Lease
4304736615	NBE 4ML-17-9-23 (W)	NWNW	17	9S	23E	UINTAH	UTU-72634	Federal Lease
4304739346	NBE 5DD-10-9-23 (M)	SWNW	10	9S	23E	UINTAH	UTU-72634	Federal Lease
4304736353	NBE 5ML-10-9-23 (W)	SWNW	10	9S	23E	UINTAH	UTU-72634	Federal Lease
4304736941	NBE 5ML-17-9-23 (W)	SWNW	17	9S	23E	UINTAH	UTU-72634	Federal Lease
4304736592	NBE 5ML-26-9-23 (W)	SWNW	26	9S	23E	UINTAH	UTU-72634	Federal Lease
4304735651	NBE 6ML-10-9-23 (W)	SENW	10	9S	23E	UINTAH	UTU-72634	Federal Lease
4304736616	NBE 6ML-17-9-23 (W)	SENW	17	9S	23E	UINTAH	UTU-72634	Federal Lease
4304736355	NBE 7ML-10-9-23 (W)	SWNE	10	9S	23E	UINTAH	UTU-72634	Federal Lease
4304735464	NBE 7ML-17-9-23 (ML)	SWNE	17	9S	23E	UINTAH	UTU-72634	Federal Lease
4304736587	NBE 7ML-26-9-23 (W)	SWNE	26	9S	23E	UINTAH	UTU-72634	Federal Lease
4304739351	NBE 8BD-26-9-23 (DK)	SENE	26	9S	23E	UINTAH	UTU-72634	Federal Lease
4304739341	NBE 8CD-10-9-23 (M)	SENE	10	9S	23E	UINTAH	UTU-72634	Federal Lease
4304736099	NBE 8ML-10-9-23 (W)	SENE	10	9S	23E	UINTAH	UTU-72634	Federal Lease
4304736588	NBE 8ML-26-9-23 (W)	SENE	26	9S	23E	UINTAH	UTU-72634	Federal Lease
4304736593	NBE 9ML-10-9-23 (W)	NESE	10	9S	23E	UINTAH	UTU-72634	Federal Lease
4304736619	NBE 9ML-26-9-23 (ML)	NESE	26	9S	23E	UINTAH	UTU-72634	Federal Lease
4304739349	NBE 10CD-17-9-23 (M)	NWSE	17	9S	23E	UINTAH	UTU-72634	Federal Lease
4304735665	NBE 11ML-26-9-23 (W)	NESW	26	9S	23E	UINTAH	UTU-72634	Federal Lease
4304736621	NBE 12ML-26-9-23 (W)	NWSW	26	9S	23E	UINTAH	UTU-72634	Federal Lease
4304736589	NBE 1ML-26-9-23 (W)	NENE	26	9S	23E	UINTAH	UTU-72634	Federal Lease
4304735335	NBE 4ML-26-9-23 (ML)	NWNW	26	9S	23E	UINTAH	UTU-72634	Federal Lease
4304735664	NBE 6ML-26-9-23 (ML)	SENW	26	9S	23E	UINTAH	UTU-72634	Federal Lease
4304735650	NBE 10ML-10-9-23 (W)	NWSE	10	9S	23E	UINTAH	UTU-72634	Federal Lease
4304738875	NBE 12SWD-10-9-23	NWSW	10	9S	23E	UINTAH	UTU-72634	Federal Lease
4304735483	RWS 3ML-9-9-24 (W)	NENW	9	9S	24E	UINTAH	UTU73182	Federal Lease
4304738645	RWS 5ML-9-9-24 ALLOCATION	SWNW	9	9S	24E	UINTAH	UTU73182	Federal Lease
4304738646	RWS 12ML-9-9-24 ALLOCATION	NWSW	9	9S	24E	UINTAH	UTU73182	Federal Lease
4304737307	RWS 8D-5-9-24 (DK)	SENE	5	9S	24E	UINTAH	UTU73456	Federal Lease

API Number	Well Name	Qtr/Qtr	Section	Township	Range	County	Lease or Unit #	Name of Unit or Lease
4304737311	RWS 16ML-5-9-24 (W)	SESE	5	9S	24E	UINTAH	UTU73456	Federal Lease
4304737411	RWS 2D-6-9-24 (DK)	NWNE	6	9S	24E	UINTAH	UTU73456	Federal Lease
4304737308	RWS 10ML-5-9-24 (GR)	NWSE	5	9S	24E	UINTAH	UTU-73456	Federal Lease
4304734719	OU SG 10M-15-8-22	NWSE	15	8S	22E	UINTAH	UTU-73686	Federal Lease
4304734764	OU SG 10W-10-8-22	NWSE	10	8S	22E	UINTAH	UTU-73686	Federal Lease
4304734710	OU SG 14W-15-8-22	SESW	15	8S	22E	UINTAH	UTU-73686	Federal Lease
4304734711	OU SG 15W-15-8-22	SWSE	15	8S	22E	UINTAH	UTU-73686	Federal Lease
4304734784	OU SG 16W-10-8-22	SESE	10	8S	22E	UINTAH	UTU-73686	Federal Lease
4304734712	OU SG 16W-15-8-22	SESE	15	8S	22E	UINTAH	UTU-73686	Federal Lease
4304734717	OU SG 8W-15-8-22	SENE	15	8S	22E	UINTAH	UTU-73686	Federal Lease
4304734783	OU SG 9W-10-8-22	NESE	10	8S	22E	UINTAH	UTU-73686	Federal Lease
4304734718	OU SG 9W-15-8-22	NESE	15	8S	22E	UINTAH	UTU-73686	Federal Lease
4304734721	OU SG 2MU-15-8-22 (MU)	NWNE	15	8S	22E	UINTAH	UTU-73686	Federal Lease
4304734722	OU SG 7W-15-8-22	SWNE	15	8S	22E	UINTAH	UTU-73686	Federal Lease
4304733177	SG 12A-14-8-22	NWSW	14	8S	22E	UINTAH	UTU73687	Federal Lease
4304735071	SG 4G-11-8-22	NWNW	11	8S	22E	UINTAH	UTU73687	Federal Lease
4304735072	OU SG 5MU-11-8-22 (AKA OU SG	SWNW	11	8S	22E	UINTAH	UTU73687	Federal Lease
4304735075	OU SG 4W-14-8-22	NWNW	14	8S	22E	UINTAH	UTU73687	Federal Lease
4304735099	SG 11SG-23-8-22	NESW	23	8S	22E	UINTAH	UTU73687	Federal Lease
4304735114	OU SG 14W-11-8-22	SESW	11	8S	22E	UINTAH	UTU73687	Federal Lease
4304735377	OU SG 13W-11-8-22	SWSW	11	8S	22E	UINTAH	UTU73687	Federal Lease
4304735078	OU SG 12MU-14-8-22 (MU)	NWSW	14	8S	22E	UINTAH	UTU-73687	Federal Lease
4304735076	OU SG 5MU-14-8-22	SWNW	14	8S	22E	UINTAH	UTU-73687	Federal Lease
4304735077	OU SG 6MU-14-8-22 (MU)	SENW	14	8S	22E	UINTAH	UTU-73687	Federal Lease
4304735382	SG 10MU-11-8-22 (W)	NWSE	11	8S	22E	UINTAH	UTU-73687	Federal Lease
4304735257	SG 11M-23-8-22 MV	NESW	23	8S	22E	UINTAH	UTU-73687	Federal Lease
4304735188	SG 12MU-23-8-22 (MU)	NWSW	23	8S	22E	UINTAH	UTU-73687	Federal Lease
4304735079	SG 13MU-14-8-22 (W)	SWSW	14	8S	22E	UINTAH	UTU-73687	Federal Lease
4304735190	SG 13MU-23-8-22 (W)	SWSW	23	8S	22E	UINTAH	UTU-73687	Federal Lease
4304735950	SG 14MU-14-8-22 (W)	SESW	14	8S	22E	UINTAH	UTU-73687	Federal Lease
4304735117	SG 14MU-23-8-22 (MU)	SESW	23	8S	22E	UINTAH	UTU-73687	Federal Lease
4304735328	SG 15MU-14-8-22 (W)	SWSE	14	8S	22E	UINTAH	UTU-73687	Federal Lease
4304735375	SG 1MU-11-8-22 (W)	NENE	11	8S	22E	UINTAH	UTU-73687	Federal Lease
4304736940	SG 3MU-23-8-22 (W)	SESW	14	8S	22E	UINTAH	UTU-73687	Federal Lease
4304735758	SG 4MU-23-8-22 (W)	NWNW	23	8S	22E	UINTAH	UTU-73687	Federal Lease
4304735115	SG 5MU-23-8-22 (W)	SWNW	23	8S	22E	UINTAH	UTU-73687	Federal Lease
4304735073	SG 6MU-11-8-22 (W)	SENW	11	8S	22E	UINTAH	UTU-73687	Federal Lease

API Number	Well Name	Qtr/Qtr	Section	Township	Range	County	Lease or Unit #	Name of Unit or Lease
4304735116	SG 6MU-23-8-22 (W)	SENE	23	8S	22E	UINTAH	UTU-73687	Federal Lease
4304735374	SG 7MU-11-8-22 (W)	SWNE	11	8S	22E	UINTAH	UTU-73687	Federal Lease
4304735380	SG 8MU-11-8-22 (W)	SENE	11	8S	22E	UINTAH	UTU-73687	Federal Lease
4304735091	OU SG 9MU-11-8-22 (MU)	NESE	11	8S	22E	UINTAH	UTU-73687	Federal Lease
4304735829	SG 11MU-14-8-22 (W)	NESW	14	8S	22E	UINTAH	UTU-73687	Federal Lease
4304735381	SG 2MU-11-8-22 (MU)	NWNE	11	8S	22E	UINTAH	UTU-73687	Federal Lease
4304735379	SG 3MU-11-8-22 (W)	NENW	11	8S	22E	UINTAH	UTU-73687	Federal Lease
4304732746	SG 6-14-8-22	SENE	14	8S	22E	UINTAH	UTU-73687	Federal Lease
4304736040	WWT 7ML-24-8-24 (ML)	SWNE	24	8S	24E	UINTAH	UTU73698	Federal Lease
4304735803	RWS 8ML-14-9-24 (W)	SENE	14	9S	24E	UINTAH	UTU73917	Federal Lease
4304734391	GB 16W-30-8-22	SESE	30	8S	22E	UINTAH	UTU74493	Federal Lease
4304734555	OU GB 12W-29-8-22	NWSW	29	8S	22E	UINTAH	UTU74493	Federal Lease
4304734575	OU GB 8W-29-8-22	SENE	29	8S	22E	UINTAH	UTU74493	Federal Lease
4304715084	WHITE RIVER UNIT 20-9	NESW	9	8S	22E	UINTAH	UTU74494	Federal Lease
4304734652	OU GB 12W-9-8-22	NWSW	9	8S	22E	UINTAH	UTU74494	Federal Lease
4304734654	OU GB 13W-9-8-22	SWSW	9	8S	22E	UINTAH	UTU-74494	Federal Lease
4304734715	OU GB 5M-15-8-22 (MV)	SWNW	15	8S	22E	UINTAH	UTU-74494	Federal Lease
4304733364	OU GB 15-18-8-22	SWSE	18	8S	22E	UINTAH	UTU-74495	Federal Lease
4304734563	OU GB 16W-18-8-22	SESE	18	8S	22E	UINTAH	UTU-74495	Federal Lease
4304734514	OU GB 5W-19-8-22	SWNW	19	8S	22E	UINTAH	UTU-74495	Federal Lease
4304733516	OU GB 9W-18-8-22	NESE	18	8S	22E	UINTAH	UTU-74495	Federal Lease
4304734695	OU GB 5G-19-8-22	SWNW	19	8S	22E	UINTAH	UTU-74495	Federal Lease
4301333203	PETES WASH U 13-06 GR	NWNW	6	10S	16E	DUCHESNE	UTU74831	Federal Lease
4304732052	DESERT SPRING FED 20-1	NESW	20	10S	18E	UINTAH	UTU74836	Federal Lease
4301332088	W DESERT SPRING 11-20-10-17	NESW	20	10S	17E	DUCHESNE	UTU75083	Federal Lease
4304734630	OU GB 9W-20-8-22	NESE	20	8S	22E	UINTAH	UTU-75103	Federal Lease
4304736039	COY 12ML-24-8-24 (G)	NWSW	24	8S	24E	UINTAH	UTU-75116	Federal Lease
4304737114	HK 12ML-30-8-25 (ML)	NWSW	30	8S	25E	UINTAH	UTU75503	Federal Lease
4304735457	GB 3MU-3-8-22 (W)	NENW	3	8S	22E	UINTAH	UTU-75678	Federal Lease
4304715423	FEDERAL 2-29-7-22	NESW	29	7S	22E	UINTAH	UTU76507	Federal Lease
4304733987	SU 3W-5-8-22	NENW	5	8S	22E	UINTAH	UTU76508	Federal Lease
4304733994	SU 13W-5-8-22	SWSW	5	8S	22E	UINTAH	UTU76508	Federal Lease
4304734401	SU 14W-5-8-22	SESW	5	8S	22E	UINTAH	UTU76508	Federal Lease
4304734390	WVX 15G-5-8-22	SWSE	5	8S	22E	UINTAH	UTU76508	Federal Lease
4304733996	SU 15W-5-8-22	SWSE	5	8S	22E	UINTAH	UTU-76508	Federal Lease
4304734446	SU 16W-5-8-22	SESE	5	8S	22E	UINTAH	UTU-76508	Federal Lease
4304733985	SU 1W-5-8-22	NENE	5	8S	22E	UINTAH	UTU-76508	Federal Lease

API Number	Well Name	Qtr/Qtr	Section	Township	Range	County	Lease or Unit #	Name of Unit or Lease
4304734455	SU 2W-5-8-22	NWNE	5	8S	22E	UINTAH	UTU-76508	Federal Lease
4304733988	SU 7W-5-8-22	SWNE	5	8S	22E	UINTAH	UTU-76508	Federal Lease
4304733990	SU 9W-5-8-22	NESE	5	8S	22E	UINTAH	UTU-76508	Federal Lease
4304734456	SU 10W-5-8-22	NWSE	5	8S	22E	UINTAH	UTU-76508	Federal Lease
4304737229	NBZ 4D-30-8-24 (W)	NWNW	30	8S	24E	UINTAH	UTU77301	Federal Lease
4304737230	NBZ 6ML-30-8-24 (W)	SENW	30	8S	24E	UINTAH	UTU77301	Federal Lease
4304737232	NBZ 10ML-30-8-24	NWSE	30	8S	24E	UINTAH	UTU77301	Federal Lease
4304737233	NBZ 12D-30-8-24 (W)	NWSW	30	8S	24E	UINTAH	UTU77301	Federal Lease
4304737234	NBZ 14ML-30-8-24 (W)	SESW	30	8S	24E	UINTAH	UTU77301	Federal Lease
4304737235	NBZ 6D-31-8-24	SENW	31	8S	24E	UINTAH	UTU77301	Federal Lease
4304737236	NBZ 4D-31-8-24 (W)	NWNW	31	8S	24E	UINTAH	UTU77301	Federal Lease
4304737239	NBZ 2ML-31-8-24	NWNE	31	8S	24E	UINTAH	UTU77301	Federal Lease
4304737240	NBZ 11D-29-8-24 (W)	NESW	29	8S	24E	UINTAH	UTU77301	Federal Lease
4304737241	NBZ 5D-29-8-24 (W)	SWNW	29	8S	24E	UINTAH	UTU77301	Federal Lease
4304737244	NBZ 9D-29-8-24 (W)	NESE	29	8S	24E	UINTAH	UTU77301	Federal Lease
4304737246	NBZ 15ML-29-8-24	SWSE	29	8S	24E	UINTAH	UTU77301	Federal Lease
4301333833	GD 16G-35-9-15	SESE	35	9S	15E	DUCHESNE	UTU-78021	Federal Lease
4301333827	GD 1G-34-9-15	NENE	34	9S	15E	DUCHESNE	UTU-78021	Federal Lease
4304737274	CWD 3D-32-8-24 (W)	NENW	32	8S	24E	UINTAH	UTU78029	Federal Lease
4304737276	CWD 12ML-32-8-24 (ML)	NWSW	32	8S	24E	UINTAH	UTU78029	Federal Lease
4301350414	WR 4G-35-10-17	NWNW	35	10S	17E	DUCHESNE	UTU-78216	Federal Lease
4301333202	PETES WASH U 14-24 GR	NWNW	24	10S	16E	DUCHESNE	UTU79824	Federal Lease
4304734952	GB 11M-27-8-21 (ML)	NESW	27	8S	21E	UINTAH	UTU-804	Federal Lease
4304734957	GB 1D-27-8-21 (M)	NENE	27	8S	21E	UINTAH	UTU-804	Federal Lease
4304734900	GB 3M-27-8-21 (ML)	NENW	27	8S	21E	UINTAH	UTU-804	Federal Lease
4304734956	GB 9D-27-8-21	NESE	27	8S	21E	UINTAH	UTU-804	Federal Lease
4304739662	GB 15D-27-8-21 (FR)	SWSE	27	8S	21E	UINTAH	UTU-804	Federal Lease
4304734207	WV 2W-3-8-21	NWNE	3	8S	21E	UINTAH	UTU-80636	Federal Lease
4304735412	SU 11MU-9-8-21 (W)	NESW	9	8S	21E	UINTAH	UTU-80637	Federal Lease
4304733905	WV 2W-9-8-21	NWNE	9	8S	21E	UINTAH	UTU-80637	Federal Lease
4304751226	DS 16G-20-10-18	SESE	20	10S	18E	UINTAH	UTU-84264	Federal Lease
4304751178	DS 13G-19-10-18	SWSW	19	10S	18E	UINTAH	UTU-88320	Federal Lease
4304733960	GB 9W-25-8-21	NESE	25	8S	21E	UINTAH	UTU-8909	Federal Lease
4304754035	RW 11-33B SWD	NWNW	33	7S	23E	UINTAH	UTU-90144	Federal Lease
4304731257	GLEN BENCH 44-19	SESE	19	8S	22E	UINTAH	UTU9617	Federal Lease
4304731260	GLEN BENCH 22-30	SENW	30	8S	22E	UINTAH	UTU9617	Federal Lease
4304731355	GB 13-20-8-22	NWSW	20	8S	22E	UINTAH	UTU9617	Federal Lease

API Number	Well Name	Qtr/Qtr	Section	Township	Range	County	Lease or Unit #	Name of Unit or Lease
4304732755	GLEN BENCH UN 4-30-8-22	NWNW	30	8S	22E	UINTAH	UTU9617	Federal Lease
4304737664	GB 16ML-20-8-22 (W)	SESE	20	8S	22E	UINTAH	UTU-9617	Federal Lease
4304734577	OU GB 10W-29-8-22	NWSE	29	8S	22E	UINTAH	UTU-9617	Federal Lease
4304734350	OU GB 11W-29-8-22	NESW	29	8S	22E	UINTAH	UTU-9617	Federal Lease
4304733948	OU GB 12W-19-8-22	NWSW	19	8S	22E	UINTAH	UTU-9617	Federal Lease
4304734668	OU GB 12WX-29-8-22	NWSW	29	8S	22E	UINTAH	UTU-9617	Federal Lease
4304734536	OU GB 13W-19-8-22	SWSW	19	8S	22E	UINTAH	UTU-9617	Federal Lease
4304734547	OU GB 13W-29-8-22	SWSW	29	8S	22E	UINTAH	UTU-9617	Federal Lease
4304734743	OU GB 14SG-29-8-22	SESW	29	8S	22E	UINTAH	UTU-9617	Federal Lease
4304734632	OU GB 15W-20-8-22	SWSE	20	8S	22E	UINTAH	UTU-9617	Federal Lease
4304734578	OU GB 15W-29-8-22	SWSE	29	8S	22E	UINTAH	UTU-9617	Federal Lease
4304734744	OU GB 16SG-29-8-22	SESE	29	8S	22E	UINTAH	UTU-9617	Federal Lease
4304734603	OU GB 16W-29-8-22	SESE	29	8S	22E	UINTAH	UTU-9617	Federal Lease
4304734506	OU GB 16WX-30-8-22	SESE	30	8S	22E	UINTAH	UTU-9617	Federal Lease
4304734573	OU GB 1W-29-8-22	NENE	29	8S	22E	UINTAH	UTU-9617	Federal Lease
4304734600	OU GB 2W-29-8-22	NWNE	29	8S	22E	UINTAH	UTU-9617	Federal Lease
4304734546	OU GB 3W-29-8-22	NENW	29	8S	22E	UINTAH	UTU-9617	Federal Lease
4304734549	OU GB 5W-29-8-22	SWNW	29	8S	22E	UINTAH	UTU-9617	Federal Lease
4304734545	OU GB 6W-29-8-22	SENW	29	8S	22E	UINTAH	UTU-9617	Federal Lease
4304734574	OU GB 7W-29-8-22	SWNE	29	8S	22E	UINTAH	UTU-9617	Federal Lease
4304734576	OU GB 9W-29-8-22	NESE	29	8S	22E	UINTAH	UTU-9617	Federal Lease
4304734533	OU GB 9W-30-8-22	NESE	30	8S	22E	UINTAH	UTU-9617	Federal Lease
4304734554	OU GB 14W-29-8-22	SESW	29	8S	22E	UINTAH	UTU-9617	Federal Lease
4304734688	OU GB 16SG-30-8-22	SESE	30	8S	22E	UINTAH	UTU-9617	Federal Lease
4304734535	OU GB 10W-19-8-22	NWSE	19	8S	22E	UINTAH	UTU-9617	Federal Lease
4304734522	OU GB 16W-19-8-22	SESE	19	8S	22E	UINTAH	UTU-9617	Federal Lease
4304734631	OU GB 10W-20-8-22	NWSE	20	8S	22E	UINTAH	UTU-9617	Federal Lease
4304733947	OU GB 10W-30-8-22	NWSE	30	8S	22E	UINTAH	UTU-9617	Federal Lease
4304734517	OU GB 11W-19-8-22	NESW	19	8S	22E	UINTAH	UTU-9617	Federal Lease
4304734039	OU GB 11W-20-8-22	NESW	20	8S	22E	UINTAH	UTU-9617	Federal Lease
4304733670	OU GB 12W-30-8-22	NWSW	30	8S	22E	UINTAH	UTU-9617	Federal Lease
4304734348	OU GB 13W-20-8-22	SWSW	20	8S	22E	UINTAH	UTU-9617	Federal Lease
4304734537	OU GB 14W-19-8-22	SESW	19	8S	22E	UINTAH	UTU-9617	Federal Lease
4304734349	OU GB 14W-20-8-22	SESW	20	8S	22E	UINTAH	UTU-9617	Federal Lease
4304734548	OU GB 4W-29-8-22	NWNW	29	8S	22E	UINTAH	UTU-9617	Federal Lease
4304733945	OU GB 4W-30-8-22	NWNW	30	8S	22E	UINTAH	UTU-9617	Federal Lease
4304734025	OU GB 5W-30-8-22	SWNW	30	8S	22E	UINTAH	UTU-9617	Federal Lease

API Number	Well Name	Qtr/Qtr	Section	Township	Range	County	Lease or Unit #	Name of Unit or Lease
4304734530	OU GB 6W-30-8-22	SENE	30	8S	22E	UINTAH	UTU-9617	Federal Lease
4304734531	OU GB 7W-30-8-22	SWNE	30	8S	22E	UINTAH	UTU-9617	Federal Lease
4304734532	OU GB 8W-30-8-22	SENE	30	8S	22E	UINTAH	UTU-9617	Federal Lease
4304733946	OU GB 9W-19-8-22	NESE	19	8S	22E	UINTAH	UTU-9617	Federal Lease
4304734538	OU GB 15W-19-8-22	SWSE	19	8S	22E	UINTAH	UTU-9617	Federal Lease
4304734528	OU GB 1W-30-8-22	NENE	30	8S	22E	UINTAH	UTU-9617	Federal Lease
4304735080	GB 2ML-30-8-22 (W)	NWNE	30	8S	22E	UINTAH	UTU-9617	Federal Lease
4304734713	OU GB 4W-15-8-22 (GR)	NWNW	15	8S	22E	UINTAH	Unit # UTU 73974X	Glen Bench Secondary Recovery Unit
4304734678	OU GB 15W-9-8-22 (GR)	SWSE	9	8S	22E	UINTAH	Unit # UTU 73974X	Glen Bench Secondary Recovery Unit
4304734529	OU GB 3W-30-8-22 (GR)	NENW	30	8S	22E	UINTAH	Unit # UTU 73974X	Glen Bench Secondary Recovery Unit
4304734543	OU GB 6W-17-8-22 (GR)	SENE	17	8S	22E	UINTAH	Unit # UTU 73974X	Glen Bench Secondary Recovery Unit
4304731555	GB 2-17	SESE	17	8S	22E	UINTAH	Unit # UTU 73974X	Glen Bench Secondary Recovery Unit
4304731433	GB 31-20	NWNE	20	8S	22E	UINTAH	Unit # UTU 73974X	Glen Bench Secondary Recovery Unit
4304732476	GB 8-19-8-22	SENE	19	8S	22E	UINTAH	Unit # UTU 73974X	Glen Bench Secondary Recovery Unit
4304734696	OU GB 1G-19-8-22	NENE	19	8S	22E	UINTAH	Unit # UTU 73974X	Glen Bench Secondary Recovery Unit
4304731008	GB 31-30-8-22	NWNE	30	8S	22E	UINTAH	Unit # UTU 73974X	Glen Bench Secondary Recovery Unit
4304732756	GB 15-19-8-22(WIW)	SWSE	19	8S	22E	UINTAH	Unit # UTU 73974X	Glen Bench Secondary Recovery Unit
4304731356	GB 22-20(WIW)	SENE	20	8S	22E	UINTAH	Unit # UTU 73974X	Glen Bench Secondary Recovery Unit
4304733249	OU GB 12W-20-8-22 (GB)	NWSW	20	8S	22E	UINTAH	Unit # UTU 73974X	Glen Bench Secondary Recovery Unit
4304731065	GH 1-19	SESE	19	8S	21E	UINTAH	Unit # UTU 67951A	Gypsum Hills Secondary Recovery Unit
4304732651	GH 19	SWNW	20	8S	21E	UINTAH	Unit # UTU 67951A	Gypsum Hills Secondary Recovery Unit
4304733566	GH 10G-19-8-21	NWSE	19	8S	21E	UINTAH	Unit # UTU 67951A	Gypsum Hills Secondary Recovery Unit
4304732459	GH 11	NWSE	20	8S	21E	UINTAH	Unit # UTU 67951A	Gypsum Hills Secondary Recovery Unit
4304732460	GH 13	NESW	21	8S	21E	UINTAH	Unit # UTU 67951A	Gypsum Hills Secondary Recovery Unit
4304732647	GH 14	NWSW	20	8S	21E	UINTAH	Unit # UTU 67951A	Gypsum Hills Secondary Recovery Unit
4304732675	GH 16	SESE	20	8S	21E	UINTAH	Unit # UTU 67951A	Gypsum Hills Secondary Recovery Unit
4304737993	GH 16G-17-8-21	SESE	17	8S	21E	UINTAH	Unit # UTU 67951A	Gypsum Hills Secondary Recovery Unit
4304732650	GH 18	SESE	20	8S	21E	UINTAH	Unit # UTU 67951A	Gypsum Hills Secondary Recovery Unit
4304734927	GH 1G-17-8-21	NENE	17	8S	21E	UINTAH	Unit # UTU 67951A	Gypsum Hills Secondary Recovery Unit
4304732652	GH 20	SENE	20	8S	21E	UINTAH	Unit # UTU 67951A	Gypsum Hills Secondary Recovery Unit
4304731541	GH 23-21	NWSW	21	8S	21E	UINTAH	Unit # UTU 67951A	Gypsum Hills Secondary Recovery Unit
4304730028	GH 4	SWSE	19	8S	21E	UINTAH	Unit # UTU 67951A	Gypsum Hills Secondary Recovery Unit
4304731826	GH 4-21	SENE	21	8S	21E	UINTAH	Unit # UTU 67951A	Gypsum Hills Secondary Recovery Unit
4304731827	GH 5-21	SENE	21	8S	21E	UINTAH	Unit # UTU 67951A	Gypsum Hills Secondary Recovery Unit
4304732304	GH 9	SENE	20	8S	21E	UINTAH	Unit # UTU 67951A	Gypsum Hills Secondary Recovery Unit
4304734723	GHX 13HG-17-8-21	SWSW	17	8S	21E	UINTAH	Unit # UTU 67951A	Gypsum Hills Secondary Recovery Unit
4304732458	GH 12	NESE	19	8S	21E	UINTAH	Unit # UTU 67951A	Gypsum Hills Secondary Recovery Unit

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4304732649	GH 17 (WIW)	SWSE	20	8S	21E	UINTAH	Unit # UTU 67951A	Gypsum Hills Secondary Recovery Unit
4304731066	GH 2-20	NESE	20	8S	21E	UINTAH	Unit # UTU 67951A	Gypsum Hills Secondary Recovery Unit
4304731932	GH 8	SWNE	20	8S	21E	UINTAH	Unit # UTU 67951A	Gypsum Hills Secondary Recovery Unit
4304737992	GH 8G-17-8-21	SENE	17	8S	21E	UINTAH	Unit # UTU 67951A	Gypsum Hills Secondary Recovery Unit
4304732306	GH 10	NWSE	21	8S	21E	UINTAH	Unit # UTU 67951A	Gypsum Hills Secondary Recovery Unit
4304731006	GH 1-20	NESW	20	8S	21E	UINTAH	Unit # UTU 67951A	Gypsum Hills Secondary Recovery Unit
4304732648	GH 15 (WIW)	SWSW	20	8S	21E	UINTAH	Unit # UTU 67951A	Gypsum Hills Secondary Recovery Unit
4304720002	GH 3	NENE	20	8S	21E	UINTAH	Unit # UTU 67951A	Gypsum Hills Secondary Recovery Unit
4304731604	GH 3-21	SWNW	21	8S	21E	UINTAH	Unit # UTU 67951A	Gypsum Hills Secondary Recovery Unit
4304733954	WV 5W-17-8-21 GREEN RIVER	SWNW	17	8S	21E	UINTAH	Unit # UTU 67951A	Gypsum Hills Secondary Recovery Unit
4304734150	GH 9W-17-8-21 (GR)	NESE	17	8S	21E	UINTAH	Unit # UTU 67951A	Gypsum Hills Secondary Recovery Unit
4304735372	WVX 8MU-19-8-21 (GR)	SENE	19	8S	21E	UINTAH	Unit # UTU 67951A	Gypsum Hills Secondary Recovery Unit
4304734388	WVX 11G-5-8-22	NESW	5	8S	22E	UINTAH	Unit # UTU 88206X	Horse Secondary Recovery
4304734389	WVX 13G-5-8-22	SWSW	5	8S	22E	UINTAH	Unit # UTU 88206X	Horse Secondary Recovery
4304751179	BW 15-18-7-22 (MV)	SWSE	18	7S	22E	UINTAH	Unit # UTU 88205A	Kilimanjaro Deep Unit PA "A"
4304736136	SU BW 14M-7-7-22 (W)	SESW	7	7S	22E	UINTAH	Unit # UTU 92222X	KJ2 Unit
4304734384	SU PURDY 14M-30-7-22 (MU)	SESW	30	7S	22E	UINTAH	Unit # UTU 92222X	KJ2 Unit
4304734837	SU BW 6M-7-7-22 (MU)	SESW	7	7S	22E	UINTAH	Unit # UTU 92222X	KJ2 Unit
4304755649	KJ 33B-17A	NWSE	17	7S	22E	UINTAH	Unit # UTU 92222X	KJ2 Unit
4304737078	MULLIGAN 822-24G	SWNE	24	8S	22E	UINTAH	Unit # UTU-080643X	Mulligan Unit
4304737077	MULLIGAN 822-24H	SENE	24	8S	22E	UINTAH	Unit # UTU-080643X	Mulligan Unit
4301351631	WR 6G-32-10-17	SESW	32	10S	17E	DUCHESNE	Unit # UTU 87716A	Nautilus PA "A" Green River
4304753023	DS 14G-6-10-18 (GR)	SESW	6	10S	18E	UINTAH	Unit # UTU 87719A	Nemo Unit PA
4304752436	DS 14G-7-10-18 (GR)	SESW	7	10S	18E	UINTAH	Unit # UTU 87719A	Nemo Unit PA
4304752406	DS 15G-5-10-18 (GR)	SWSE	5	10S	18E	UINTAH	Unit # UTU 87719A	Nemo Unit PA
4304753286	DS 2G-6-10-18 (GR)	NWNE	6	10S	18E	UINTAH	Unit # UTU 87719A	Nemo Unit PA
4304735932	RB DS FED 1G-7-10-18	NENE	7	10S	18E	UINTAH	Unit # UTU 87719A	Nemo Unit PA
4304735933	RB DS FED 14G-8-10-18	SESW	8	10S	18E	UINTAH	Unit # UTU 87719A	Nemo Unit PA
4304755403	RW 1C1-21A	NWNE	21	7S	22E	UINTAH	Unit # UTU 63010D	Red Wash Unit PA "D" Gas
4304752313	RW 02B4-26B (MV)	NESW	23	7S	23E	UINTAH	Unit # UTU 63010D	Red Wash Unit PA "D" Gas
4304736982	RW 04-25B (MV)	NWSW	25	7S	23E	UINTAH	Unit # UTU 63010D	Red Wash Unit PA "D" Gas
4304752327	RW 05C4-23B (MV)	NESW	23	7S	23E	UINTAH	Unit # UTU 63010D	Red Wash Unit PA "D" Gas
4304752320	RW 10C1-23B (MV)	NESW	23	7S	23E	UINTAH	Unit # UTU 63010D	Red Wash Unit PA "D" Gas
4304752317	RW 10C4-23B (MV)	NESW	23	7S	23E	UINTAH	Unit # UTU 63010D	Red Wash Unit PA "D" Gas
4304715296	RW 12-14B (MV)	SWNW	14	7S	23E	UINTAH	Unit # UTU 63010D	Red Wash Unit PA "D" Gas
4304715272	RW 12-20B (MV)	SWNW	20	7S	23E	UINTAH	Unit # UTU 63010D	Red Wash Unit PA "D" Gas
4304715201	RW 12-27B (MV)	SWNW	27	7S	23E	UINTAH	Unit # UTU 63010D	Red Wash Unit PA "D" Gas

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4304751938	RW 12A2-28B (MV)	NWSW	28	7S	23E	UINTAH	Unit # UTU 63010D	Red Wash Unit PA "D" Gas
4304752328	RW 12B1-23B (MV)	NESW	23	7S	23E	UINTAH	Unit # UTU 63010D	Red Wash Unit PA "D" Gas
4304752332	RW 12B4-23B (MV)	NESW	23	7S	23E	UINTAH	Unit # UTU 63010D	Red Wash Unit PA "D" Gas
4304752234	RW 12B4-27B (MV)	NWSW	27	7S	23E	UINTAH	Unit # UTU 63010D	Red Wash Unit PA "D" Gas
4304752330	RW 12C1-23B (MV)	NESW	23	7S	23E	UINTAH	Unit # UTU 63010D	Red Wash Unit PA "D" Gas
4304751903	RW 12C3-25B (MV)	NWSW	25	7S	23E	UINTAH	Unit # UTU 63010D	Red Wash Unit PA "D" Gas
4304752329	RW 12C4-23B (MV)	NESW	23	7S	23E	UINTAH	Unit # UTU 63010D	Red Wash Unit PA "D" Gas
4304751904	RW 12D1-25B (MV)	NESW	25	7S	23E	UINTAH	Unit # UTU 63010D	Red Wash Unit PA "D" Gas
4304751905	RW 12D4-25B (MV)	NESW	25	7S	23E	UINTAH	Unit # UTU 63010D	Red Wash Unit PA "D" Gas
4304752333	RW 13B1-23B (MV)	NESW	23	7S	23E	UINTAH	Unit # UTU 63010D	Red Wash Unit PA "D" Gas
4304752243	RW 13B4-18C (MV)	SWSW	18	7S	24E	UINTAH	Unit # UTU 63010D	Red Wash Unit PA "D" Gas
4304751939	RW 13D2-24A (MV)	SWSW	24	7S	22E	UINTAH	Unit # UTU 63010D	Red Wash Unit PA "D" Gas
4304715178	RW 14-18B (MV)	SWSW	18	7S	23E	UINTAH	Unit # UTU 63010D	Red Wash Unit PA "D" Gas
4304715176	RW 14-23A (MV)	SWSW	23	7S	22E	UINTAH	Unit # UTU 63010D	Red Wash Unit PA "D" Gas
4304715165	RW 14-23B (MV)	SWSW	23	7S	23E	UINTAH	Unit # UTU 63010D	Red Wash Unit PA "D" Gas
4304715166	RW 14-24A (MV)	SWSW	24	7S	22E	UINTAH	Unit # UTU 63010D	Red Wash Unit PA "D" Gas
4304715265	RW 14-29B (MV)	SWSW	29	7S	23E	UINTAH	Unit # UTU 63010D	Red Wash Unit PA "D" Gas
4304751940	RW 14D3-24A (MV)	SESW	24	7S	22E	UINTAH	Unit # UTU 63010D	Red Wash Unit PA "D" Gas
4304754669	RW 15B4-21B	SENE	28	7S	23E	UINTAH	Unit # UTU 63010D	Red Wash Unit PA "D" Gas
4304752319	RW 15B4-23B (MV)	NESW	23	7S	23E	UINTAH	Unit # UTU 63010D	Red Wash Unit PA "D" Gas
4304752316	RW 15C1-23B (MV)	NESW	23	7S	23E	UINTAH	Unit # UTU 63010D	Red Wash Unit PA "D" Gas
4304754668	RW 15C4-21B	SENE	28	7S	23E	UINTAH	Unit # UTU 63010D	Red Wash Unit PA "D" Gas
4304752314	RW 15C4-23B (MV)	NESW	23	7S	23E	UINTAH	Unit # UTU 63010D	Red Wash Unit PA "D" Gas
4304755404	RW 16B1-16A	NWNE	21	7S	22E	UINTAH	Unit # UTU 63010D	Red Wash Unit PA "D" Gas
4304755405	RW 16C1-16A	NENE	21	7S	22E	UINTAH	Unit # UTU 63010D	Red Wash Unit PA "D" Gas
4304755414	RW 1B1-21A	NWNE	21	7S	22E	UINTAH	Unit # UTU 63010D	Red Wash Unit PA "D" Gas
4304754665	RW 1C4-28B	SENE	28	7S	23E	UINTAH	Unit # UTU 63010D	Red Wash Unit PA "D" Gas
4304715186	RW 21-22B (MV)	NENW	22	7S	23E	UINTAH	Unit # UTU 63010D	Red Wash Unit PA "D" Gas
4304715167	RW 21-24B (MV)	NENW	24	7S	23E	UINTAH	Unit # UTU 63010D	Red Wash Unit PA "D" Gas
4304715191	RW 21-27B (MV)	NENW	27	7S	23E	UINTAH	Unit # UTU 63010D	Red Wash Unit PA "D" Gas
4304715260	RW 22-22B (MV)	SENW	22	7S	23E	UINTAH	Unit # UTU 63010D	Red Wash Unit PA "D" Gas
4304715157	RW 23-13B (MV)	NESW	13	7S	23E	UINTAH	Unit # UTU 63010D	Red Wash Unit PA "D" Gas
4304715290	RW 23-26B (MV)	NESW	26	7S	23E	UINTAH	Unit # UTU 63010D	Red Wash Unit PA "D" Gas
4304715237	RW 23-28B (MV)	NESW	28	7S	23E	UINTAH	Unit # UTU 63010D	Red Wash Unit PA "D" Gas
4304751722	RW 23A-28B (MV)	SESW	28	7S	23E	UINTAH	Unit # UTU 63010D	Red Wash Unit PA "D" Gas
4304753307	RW 24-14AGR	SESW	14	7S	22E	UINTAH	Unit # UTU 63010D	Red Wash Unit PA "D" Gas
4304730518	RW 24-26B (MV)	SESW	26	7S	23E	UINTAH	Unit # UTU 63010D	Red Wash Unit PA "D" Gas

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4304752324	RW 2B1-26B (MV)	NESW	23	7S	23E	UINTAH	Unit # UTU 63010D	Red Wash Unit PA "D" Gas
4304754667	RW 2C4-28B	SENE	28	7S	23E	UINTAH	Unit # UTU 63010D	Red Wash Unit PA "D" Gas
4304751724	RW 31-20B (MV)	NWNE	20	7S	23E	UINTAH	Unit # UTU 63010D	Red Wash Unit PA "D" Gas
4304715283	RW 31-28B (MV)	NWNE	28	7S	23E	UINTAH	Unit # UTU 63010D	Red Wash Unit PA "D" Gas
4304715139	RW 32-22B (MV)	SWNE	22	7S	23E	UINTAH	Unit # UTU 63010D	Red Wash Unit PA "D" Gas
4304751788	RW 32-25A (MV)	SWNE	25	7S	22E	UINTAH	Unit # UTU 63010D	Red Wash Unit PA "D" Gas
4304715275	RW 32-26B (MV)	SWNE	26	7S	23E	UINTAH	Unit # UTU 63010D	Red Wash Unit PA "D" Gas
4304751723	RW 32-29B (MV)	SWNE	29	7S	23E	UINTAH	Unit # UTU 63010D	Red Wash Unit PA "D" Gas
4304730521	RW 33-26B (MV)	NWSE	26	7S	23E	UINTAH	Unit # UTU 63010D	Red Wash Unit PA "D" Gas
4304715152	RW 34-14B (MV)	SWSE	14	7S	23E	UINTAH	Unit # UTU 63010D	Red Wash Unit PA "D" Gas
4304753299	RW 34-20BGR	SWSE	20	7S	23E	UINTAH	Unit # UTU 63010D	Red Wash Unit PA "D" Gas
4304715158	RW 34-22B (MV)	SWSE	22	7S	23E	UINTAH	Unit # UTU 63010D	Red Wash Unit PA "D" Gas
4304751720	RW 34-24B (MV)	SWSE	24	7S	23E	UINTAH	Unit # UTU 63010D	Red Wash Unit PA "D" Gas
4304715148	RW 34-26B (MV)	SWSE	26	7S	23E	UINTAH	Unit # UTU 63010D	Red Wash Unit PA "D" Gas
4304739445	RW 34-27 ADR (M)	SWSE	27	7S	22E	UINTAH	Unit # UTU 63010D	Red Wash Unit PA "D" Gas
4304736351	RW 34-34AD (W)	SWSE	34	7S	22E	UINTAH	Unit # UTU 63010D	Red Wash Unit PA "D" Gas
4304716498	RW 41-14B (MV)	NENE	14	7S	23E	UINTAH	Unit # UTU 63010D	Red Wash Unit PA "D" Gas
4304716495	RW 41-15B (MV)	NENE	15	7S	23E	UINTAH	Unit # UTU 63010D	Red Wash Unit PA "D" Gas
4304736818	RW 41-26AG (MV)	NENE	26	7S	22E	UINTAH	Unit # UTU 63010D	Red Wash Unit PA "D" Gas
4304753682	RW 42-25AGR	SENE	25	7S	22E	UINTAH	Unit # UTU 63010D	Red Wash Unit PA "D" Gas
4304731051	RW 42-27B (MV)	SENE	27	7S	23E	UINTAH	Unit # UTU 63010D	Red Wash Unit PA "D" Gas
4304731682	RW 43-15B (MV)	NESE	15	7S	23E	UINTAH	Unit # UTU 63010D	Red Wash Unit PA "D" Gas
4304751721	RW 43-20B (MV)	NESE	20	7S	23E	UINTAH	Unit # UTU 63010D	Red Wash Unit PA "D" Gas
4304716475	RW 43-28B (MV)	NESE	28	7S	23E	UINTAH	Unit # UTU 63010D	Red Wash Unit PA "D" Gas
4304715236	RW 43-29A (MV)	NESE	29	7S	22E	UINTAH	Unit # UTU 63010D	Red Wash Unit PA "D" Gas
4304736349	RW 44-08FG (MV)	SESE	8	8S	24E	UINTAH	Unit # UTU 63010D	Red Wash Unit PA "D" Gas
4304715206	RW 44-14B (MV)	SESE	14	7S	23E	UINTAH	Unit # UTU 63010D	Red Wash Unit PA "D" Gas
4304751719	RW 44-25B (MV)	SESE	25	7S	23E	UINTAH	Unit # UTU 63010D	Red Wash Unit PA "D" Gas
4304731053	RW 44-27B (MV)	SESE	27	7S	23E	UINTAH	Unit # UTU 63010D	Red Wash Unit PA "D" Gas
4304752311	RW 5B4-23B	NESW	23	7S	23E	UINTAH	Unit # UTU 63010D	Red Wash Unit PA "D" Gas
4304752312	RW 5C1-23B (MV)	NESW	23	7S	23E	UINTAH	Unit # UTU 63010D	Red Wash Unit PA "D" Gas
4304752242	RW 5D2-26B (MV)	SWNW	26	7S	23E	UINTAH	Unit # UTU 63010D	Red Wash Unit PA "D" Gas
4304754666	RW 7B4-28B (MV)	SENE	28	7S	23E	UINTAH	Unit # UTU 63010D	Red Wash Unit PA "D" Gas
4304754664	RW 7C4-28B	SENE	28	7S	23E	UINTAH	Unit # UTU 63010D	Red Wash Unit PA "D" Gas
4304755402	RW 8B1-21A	NWNE	21	7S	22E	UINTAH	Unit # UTU 63010D	Red Wash Unit PA "D" Gas
4304754662	RW 8B4-28B	SENE	28	7S	23E	UINTAH	Unit # UTU 63010D	Red Wash Unit PA "D" Gas
4304755401	RW 8C1-21A	NWNE	21	7S	22E	UINTAH	Unit # UTU 63010D	Red Wash Unit PA "D" Gas

API Number	Well Name	Qtr/Qtr	Section	Township	Range	County	Lease or Unit #	Name of Unit or Lease
4304752240	RW 8C1-30B (MV)	SENE	30	7S	23E	UINTAH	Unit # UTU 63010D	Red Wash Unit PA "D" Gas
4304754663	RW 8C4-28B	SENE	28	7S	23E	UINTAH	Unit # UTU 63010D	Red Wash Unit PA "D" Gas
4304755406	RW 9B1-21A	NWNE	21	7S	22E	UINTAH	Unit # UTU 63010D	Red Wash Unit PA "D" Gas
4304755303	RW 9C1-16A	NWNE	21	7S	22E	UINTAH	Unit # UTU 63010D	Red Wash Unit PA "D" Gas
4304752237	RW 9C1-24B (MV)	NESE	24	7S	23E	UINTAH	Unit # UTU 63010D	Red Wash Unit PA "D" Gas
4304752238	RW 9C1-26B (MV)	NESE	26	7S	23E	UINTAH	Unit # UTU 63010D	Red Wash Unit PA "D" Gas
4304735671	RWU 14-34AMU (W)	SWSW	34	7S	22E	UINTAH	Unit # UTU 63010D	Red Wash Unit PA "D" Gas
4304715145	RW 32-17C (MV)	SWNE	17	7S	24E	UINTAH	Unit # UTU 63010D	Red Wash Unit PA "D" Gas
4304752315	RW 15B1-23B (MV)	NESW	23	7S	23E	UINTAH	Unit # UTU 63010D	Red Wash Unit PA "D" Gas
4304715196	RW 12-13B (MV)	SWNW	13	7S	23E	UINTAH	Unit # UTU 63010D	Red Wash Unit PA "D" Gas
4304715153	RW 23-22B (MV)	NESW	22	7S	23E	UINTAH	Unit # UTU 63010D	Red Wash Unit PA "D" Gas
4304715230	RW 32-28A (MV)	SWNE	28	7S	22E	UINTAH	Unit # UTU 63010D	Red Wash Unit PA "D" Gas
4304715268	RW 32-30B (MV)	SWNE	30	7S	23E	UINTAH	Unit # UTU 63010D	Red Wash Unit PA "D" Gas
4304731476	RW 33-23B (MV)	NWSE	23	7S	23E	UINTAH	Unit # UTU 63010D	Red Wash Unit PA "D" Gas
4304715205	RW 41-27A (MV)	NENE	27	7S	22E	UINTAH	Unit # UTU 63010D	Red Wash Unit PA "D" Gas
4304731478	RW 42-21B (MV)	SENE	21	7S	23E	UINTAH	Unit # UTU 63010D	Red Wash Unit PA "D" Gas
4304731576	RW 42-23B (MV)	SENE	23	7S	23E	UINTAH	Unit # UTU 63010D	Red Wash Unit PA "D" Gas
4304715155	RW 43-22B (MV)	NESE	22	7S	23E	UINTAH	Unit # UTU 63010D	Red Wash Unit PA "D" Gas
4304730520	RW 44-26B (MV)	SESE	26	7S	23E	UINTAH	Unit # UTU 63010D	Red Wash Unit PA "D" Gas
4304735098	RWU 34-22C (GR)	SWSE	22	7S	24E	UINTAH	Unit # UTU 63010O	Red Wash Unit PA "O" Oil
4304715169	RW 21-29C (GR)	NENW	29	7S	24E	UINTAH	Unit # UTU 63010O	Red Wash Unit PA "O" Oil
4304730348	RW 23-19C (GR)	NESW	19	7S	24E	UINTAH	Unit # UTU 63010O	Red Wash Unit PA "O" Oil
4304732629	RW 23-23C (GR)	NESW	23	7S	24E	UINTAH	Unit # UTU 63010O	Red Wash Unit PA "O" Oil
4304715302	RW 32-28C (GR)	SWNE	28	7S	24E	UINTAH	Unit # UTU 63010O	Red Wash Unit PA "O" Oil
4304715171	RW 32-33C (GR)	SWNE	33	7S	24E	UINTAH	Unit # UTU 63010O	Red Wash Unit PA "O" Oil
4304720014	RW 41-8F (GR)	NENE	8	8S	24E	UINTAH	Unit # UTU 63010O	Red Wash Unit PA "O" Oil
4304735045	RWU 34-27C (GR)	SWSE	27	7S	24E	UINTAH	Unit # UTU 63010O	Red Wash Unit PA "O" Oil
4304731477	RW 11-24B (GR)	NWNW	24	7S	23E	UINTAH	Unit # UTU 63010O	Red Wash Unit PA "O" Oil
4304753302	RW 11-26A (GR)	NWNW	26	7S	22E	UINTAH	Unit # UTU 63010O	Red Wash Unit PA "O" Oil
4304753311	RW 11-27AGR	NWNW	27	7S	22E	UINTAH	Unit # UTU 63010O	Red Wash Unit PA "O" Oil
4304715170	RW 12-17B (GR)	SWNW	17	7S	23E	UINTAH	Unit # UTU 63010O	Red Wash Unit PA "O" Oil
4304715183	RW 12-18C (GR)	SWNW	18	7S	24E	UINTAH	Unit # UTU 63010O	Red Wash Unit PA "O" Oil
4304715213	RW 12-22A (GR)	SWNW	22	7S	22E	UINTAH	Unit # UTU 63010O	Red Wash Unit PA "O" Oil
4304715218	RW 12-22B (GR)	SWNW	22	7S	23E	UINTAH	Unit # UTU 63010O	Red Wash Unit PA "O" Oil
4304715274	RW 12-28B (GR)	SWNW	28	7S	23E	UINTAH	Unit # UTU 63010O	Red Wash Unit PA "O" Oil
4304731517	RW 13-24B (GR)	NWSW	24	7S	23E	UINTAH	Unit # UTU 63010O	Red Wash Unit PA "O" Oil
4304715246	RW 14-15B (GR)	SWSW	15	7S	23E	UINTAH	Unit # UTU 63010O	Red Wash Unit PA "O" Oil

API Number	Well Name	Qtr/Qtr	Section	Township	Range	County	Lease or Unit #	Name of Unit or Lease
4304732738	RW 14-17B (GR)	SWSW	17	7S	23E	UINTAH	Unit # UTU 630100	Red Wash Unit PA "O" Oil
4304730341	RW 14-25B (GR)	SWSW	25	7S	23E	UINTAH	Unit # UTU 630100	Red Wash Unit PA "O" Oil
4304715202	RW 14-27B (GR)	SWSW	27	7S	23E	UINTAH	Unit # UTU 630100	Red Wash Unit PA "O" Oil
4304715199	RW 21-13B (GR)	NENW	13	7S	23E	UINTAH	Unit # UTU 630100	Red Wash Unit PA "O" Oil
4304715193	RW 21-18C (GR)	NENW	18	7S	24E	UINTAH	Unit # UTU 630100	Red Wash Unit PA "O" Oil
4304715233	RW 21-19B (GR)	NENW	19	7S	23E	UINTAH	Unit # UTU 630100	Red Wash Unit PA "O" Oil
4304730340	RW 21-19C (GR)	NENW	19	7S	24E	UINTAH	Unit # UTU 630100	Red Wash Unit PA "O" Oil
4304733592	RW 21-24A (GR)	NENW	24	7S	22E	UINTAH	Unit # UTU 630100	Red Wash Unit PA "O" Oil
4304733576	RW 21-25A (GR)	NENW	25	7S	22E	UINTAH	Unit # UTU 630100	Red Wash Unit PA "O" Oil
4304715227	RW 21-28B (GR)	NENW	28	7S	23E	UINTAH	Unit # UTU 630100	Red Wash Unit PA "O" Oil
4304730258	RW 21-34B (GR)	NENW	34	7S	23E	UINTAH	Unit # UTU 630100	Red Wash Unit PA "O" Oil
4304730345	RW 22-14B (GR)	SESW	14	7S	23E	UINTAH	Unit # UTU 630100	Red Wash Unit PA "O" Oil
4304730387	RW 22-18C (GR)	SESW	18	7S	24E	UINTAH	Unit # UTU 630100	Red Wash Unit PA "O" Oil
4304733559	RW 22-19B (GR)	SESW	19	7S	23E	UINTAH	Unit # UTU 630100	Red Wash Unit PA "O" Oil
4304733491	RW 22-20B (GR)	SESW	20	7S	23E	UINTAH	Unit # UTU 630100	Red Wash Unit PA "O" Oil
4304733786	RW 22-25A (GR)	SESW	25	7S	22E	UINTAH	Unit # UTU 630100	Red Wash Unit PA "O" Oil
4304715192	RW 23-22A (GR)	NESW	22	7S	22E	UINTAH	Unit # UTU 630100	Red Wash Unit PA "O" Oil
4304715228	RW 23-23A (GR)	NESW	23	7S	22E	UINTAH	Unit # UTU 630100	Red Wash Unit PA "O" Oil
4304733567	RW 23-24A (GR)	NESW	24	7S	22E	UINTAH	Unit # UTU 630100	Red Wash Unit PA "O" Oil
4304715239	RW 24-14B (GR)	SESW	14	7S	23E	UINTAH	Unit # UTU 630100	Red Wash Unit PA "O" Oil
4304731579	RW 24-15B (GR)	SESW	15	7S	23E	UINTAH	Unit # UTU 630100	Red Wash Unit PA "O" Oil
4304733554	RW 24-18B (GR)	SESW	18	7S	23E	UINTAH	Unit # UTU 630100	Red Wash Unit PA "O" Oil
4304731582	RW 24-18C (GR)	SESW	18	7S	24E	UINTAH	Unit # UTU 630100	Red Wash Unit PA "O" Oil
4304733492	RW 24-19B (GR)	SESW	19	7S	23E	UINTAH	Unit # UTU 630100	Red Wash Unit PA "O" Oil
4304733523	RW 24-20B (GR)	SESW	20	7S	23E	UINTAH	Unit # UTU 630100	Red Wash Unit PA "O" Oil
4304715255	RW 24-22B (GR)	SESW	22	7S	23E	UINTAH	Unit # UTU 630100	Red Wash Unit PA "O" Oil
4304753305	RW 31-31B (GR)	NWNE	31	7S	23E	UINTAH	Unit # UTU 630100	Red Wash Unit PA "O" Oil
4304715150	RW 32-14B (GR)	SWNE	14	7S	23E	UINTAH	Unit # UTU 630100	Red Wash Unit PA "O" Oil
4304715270	RW 32-15B (GR)	SWNE	15	7S	23E	UINTAH	Unit # UTU 630100	Red Wash Unit PA "O" Oil
4304732981	RW 32-17B (GR)	SWNE	17	7S	23E	UINTAH	Unit # UTU 630100	Red Wash Unit PA "O" Oil
4304733018	RW 32-18B (GR)	SWNE	18	7S	23E	UINTAH	Unit # UTU 630100	Red Wash Unit PA "O" Oil
4304715198	RW 32-18C (GR)	SWNE	18	7S	24E	UINTAH	Unit # UTU 630100	Red Wash Unit PA "O" Oil
4304715226	RW 32-21B (GR)	SWNE	21	7S	23E	UINTAH	Unit # UTU 630100	Red Wash Unit PA "O" Oil
4304715156	RW 32-23B (GR)	SWNE	23	7S	23E	UINTAH	Unit # UTU 630100	Red Wash Unit PA "O" Oil
4304715229	RW 32-24A (GR)	SWNE	24	7S	22E	UINTAH	Unit # UTU 630100	Red Wash Unit PA "O" Oil
4304730313	RW 32-24B (GR)	SWNE	24	7S	23E	UINTAH	Unit # UTU 630100	Red Wash Unit PA "O" Oil
4304715200	RW 32-28B (GR)	SWNE	28	7S	23E	UINTAH	Unit # UTU 630100	Red Wash Unit PA "O" Oil

API Number	Well Name	Qtr/Qtr	Section	Township	Range	County	Lease or Unit #	Name of Unit or Lease
4304715257	RW 33-14B (GR)	NWSE	14	7S	23E	UINTAH	Unit # UTU 630100	Red Wash Unit PA "O" Oil
4304715222	RW 34-15B (GR)	SWSE	15	7S	23E	UINTAH	Unit # UTU 630100	Red Wash Unit PA "O" Oil
4304731819	RW 34-17B (GR)	SWSE	17	7S	23E	UINTAH	Unit # UTU 630100	Red Wash Unit PA "O" Oil
4304730314	RW 34-18C (GR)	SWSE	18	7S	24E	UINTAH	Unit # UTU 630100	Red Wash Unit PA "O" Oil
4304715220	RW 34-21B (GR)	SWSE	21	7S	23E	UINTAH	Unit # UTU 630100	Red Wash Unit PA "O" Oil
4304715136	RW 34-23B (GR)	SWSE	23	7S	23E	UINTAH	Unit # UTU 630100	Red Wash Unit PA "O" Oil
4304715288	RW 34-30B (GR)	SWSE	30	7S	23E	UINTAH	Unit # UTU 630100	Red Wash Unit PA "O" Oil
4304715138	RW 41-23B (GR)	NENE	23	7S	23E	UINTAH	Unit # UTU 630100	Red Wash Unit PA "O" Oil
4304733769	RW 41-24AX (GR)	NENE	24	7S	22E	UINTAH	Unit # UTU 630100	Red Wash Unit PA "O" Oil
4304733579	RW 41-25AX (GR)	NENE	25	7S	22E	UINTAH	Unit # UTU 630100	Red Wash Unit PA "O" Oil
4304715243	RW 41-29A (GR)	NENE	29	7S	22E	UINTAH	Unit # UTU 630100	Red Wash Unit PA "O" Oil
4304715254	RW 41-30B (GR)	NENE	30	7S	23E	UINTAH	Unit # UTU 630100	Red Wash Unit PA "O" Oil
4304715203	RW 41-31B (GR)	NENE	31	7S	23E	UINTAH	Unit # UTU 630100	Red Wash Unit PA "O" Oil
4304730346	RW 42-13B (GR)	SENE	13	7S	23E	UINTAH	Unit # UTU 630100	Red Wash Unit PA "O" Oil
4304715264	RW 42-14B (GR)	SENE	14	7S	23E	UINTAH	Unit # UTU 630100	Red Wash Unit PA "O" Oil
4304733490	RW 42-20B (GR)	SENE	20	7S	23E	UINTAH	Unit # UTU 630100	Red Wash Unit PA "O" Oil
4304715211	RW 43-21B (GR)	NESE	21	7S	23E	UINTAH	Unit # UTU 630100	Red Wash Unit PA "O" Oil
4304715140	RW 43-23B (GR)	NESE	23	7S	23E	UINTAH	Unit # UTU 630100	Red Wash Unit PA "O" Oil
4304733594	RW 44-18B (GR)	SESE	18	7S	23E	UINTAH	Unit # UTU 630100	Red Wash Unit PA "O" Oil
4304731054	RW 44-23B (GR)	SESE	23	7S	23E	UINTAH	Unit # UTU 630100	Red Wash Unit PA "O" Oil
4304753648	RW 44-25A (GR)	SESE	25	7S	22E	UINTAH	Unit # UTU 630100	Red Wash Unit PA "O" Oil
4304735670	RWU 32-27AG (GR)	SWNE	27	7S	22E	UINTAH	Unit # UTU 630100	Red Wash Unit PA "O" Oil
4304735668	RWU 34-23AG (GR)	SWSE	23	7S	22E	UINTAH	Unit # UTU 630100	Red Wash Unit PA "O" Oil
4304730388	RW 22-17C (GR)	SENE	17	7S	24E	UINTAH	Unit # UTU 630100	Red Wash Unit PA "O" Oil
4304730149	RW 44-21C (GR)	SESE	21	7S	24E	UINTAH	Unit # UTU 630100	Red Wash Unit PA "O" Oil
4304731079	RW 11-35B (GR)	NWNW	35	7S	23E	UINTAH	Unit # UTU 630100	Red Wash Unit PA "O" Oil
4304715238	RW 13-13B (GR)	NWSW	13	7S	23E	UINTAH	Unit # UTU 630100	Red Wash Unit PA "O" Oil
4304753310	RW 13-17B (GR)	NWSW	17	7S	23E	UINTAH	Unit # UTU 630100	Red Wash Unit PA "O" Oil
4304753300	RW 22-17BGR	SENE	17	7S	23E	UINTAH	Unit # UTU 630100	Red Wash Unit PA "O" Oil
4304753445	RW 22-18B (GR)	SENE	18	7S	23E	UINTAH	Unit # UTU 630100	Red Wash Unit PA "O" Oil
4304731082	RW 22-35B (GR)	SENE	35	7S	23E	UINTAH	Unit # UTU 630100	Red Wash Unit PA "O" Oil
4304715305	RW 23-25A (GR)	NESW	25	7S	22E	UINTAH	Unit # UTU 630100	Red Wash Unit PA "O" Oil
4304715163	RW 32-13B (GR)	SWNE	13	7S	23E	UINTAH	Unit # UTU 630100	Red Wash Unit PA "O" Oil
4304715189	RW 34-18B (GR)	SWSE	18	7S	23E	UINTAH	Unit # UTU 630100	Red Wash Unit PA "O" Oil
4304715294	RW 41-33A (GR)	NENE	33	7S	22E	UINTAH	Unit # UTU 630100	Red Wash Unit PA "O" Oil
4304715250	RW 41-34B (GR)	NENE	34	7S	23E	UINTAH	Unit # UTU 630100	Red Wash Unit PA "O" Oil
4304733524	RW 44-19B (GR)	SESE	19	7S	23E	UINTAH	Unit # UTU 630100	Red Wash Unit PA "O" Oil

API Number	Well Name	Qtr/Qtr	Section	Township	Range	County	Lease or Unit #	Name of Unit or Lease
4304733525	RW 44-20B (GR)	SESE	20	7S	23E	UINTAH	Unit # UTU 630100	Red Wash Unit PA "O" Oil
4304733772	RW 44-30B (GR)	SESE	30	7S	23E	UINTAH	Unit # UTU 630100	Red Wash Unit PA "O" Oil
4304733553	RW 11-20B	NWNW	20	7S	23E	UINTAH	Unit # UTU 630100	Red Wash Unit PA "O" Oil
4304733590	RW 11-29B	NWNW	29	7S	23E	UINTAH	Unit # UTU 630100	Red Wash Unit PA "O" Oil
4304731052	RW 11-36B	NWNW	36	7S	23E	UINTAH	Unit # UTU 630100	Red Wash Unit PA "O" Oil
4304733591	RW 12-24A	SWNW	24	7S	22E	UINTAH	Unit # UTU 630100	Red Wash Unit PA "O" Oil
4304715144	RW 14-13B	SWSW	13	7S	23E	UINTAH	Unit # UTU 630100	Red Wash Unit PA "O" Oil
4304716497	RW 14-21B	SWSW	21	7S	23E	UINTAH	Unit # UTU 630100	Red Wash Unit PA "O" Oil
4304716472	RW 14-24B	SWSW	24	7S	23E	UINTAH	Unit # UTU 630100	Red Wash Unit PA "O" Oil
4304732739	RW 23-17B	NESW	17	7S	23E	UINTAH	Unit # UTU 630100	Red Wash Unit PA "O" Oil
4304715289	RW 33-13B	NWSE	13	7S	23E	UINTAH	Unit # UTU 630100	Red Wash Unit PA "O" Oil
4304733593	RW 34-13A	SWSE	13	7S	22E	UINTAH	Unit # UTU 630100	Red Wash Unit PA "O" Oil
4304716473	RW 41-27B (GR)	NENE	27	7S	23E	UINTAH	Unit # UTU 630100	Red Wash Unit PA "O" Oil
4304732980	RW 43-17B	NESE	17	7S	23E	UINTAH	Unit # UTU 630100	Red Wash Unit PA "O" Oil
4304732982	RW 43-18B	NESE	18	7S	23E	UINTAH	Unit # UTU 630100	Red Wash Unit PA "O" Oil
4304730103	RW 21-27A	NENW	27	7S	22E	UINTAH	Unit # UTU 630100	Red Wash Unit PA "O" Oil
4304753442	RW 31-24A (GR)	NWNE	24	7S	22E	UINTAH	Unit # UTU 630100	Red Wash Unit PA "O" Oil
4304730342	RW 32-35B (GR)	SWNE	35	7S	23E	UINTAH	Unit # UTU 630100	Red Wash Unit PA "O" Oil
4304753303	RW 33-23A (GR)	NWSE	23	7S	22E	UINTAH	Unit # UTU 630100	Red Wash Unit PA "O" Oil
4304753439	RW 34-14AGR	SWSE	14	7S	22E	UINTAH	Unit # UTU 630100	Red Wash Unit PA "O" Oil
4304730458	RW 34-22A	SWSE	22	7S	22E	UINTAH	Unit # UTU 630100	Red Wash Unit PA "O" Oil
4304720060	RW 41-33B	NENE	33	7S	23E	UINTAH	Unit # UTU 630100	Red Wash Unit PA "O" Oil
4304753680	RW 43-27AGR	NESE	27	7S	22E	UINTAH	Unit # UTU 630100	Red Wash Unit PA "O" Oil
4304733785	RW 11-30B	NWNW	30	7S	23E	UINTAH	Unit # UTU 630100	Red Wash Unit PA "O" Oil
4304733497	RW 13-19B	NWSW	19	7S	23E	UINTAH	Unit # UTU 630100	Red Wash Unit PA "O" Oil
4304733498	RW 13-20B	NWSW	20	7S	23E	UINTAH	Unit # UTU 630100	Red Wash Unit PA "O" Oil
4304715261	RW 13-22B	NWSW	22	7S	23E	UINTAH	Unit # UTU 630100	Red Wash Unit PA "O" Oil
4304715281	RW 21-20B	NENW	20	7S	23E	UINTAH	Unit # UTU 630100	Red Wash Unit PA "O" Oil
4304715161	RW 23-14B	NESW	14	7S	23E	UINTAH	Unit # UTU 630100	Red Wash Unit PA "O" Oil
4304715267	RW 23-15B	NESW	15	7S	23E	UINTAH	Unit # UTU 630100	Red Wash Unit PA "O" Oil
4304715210	RW 23-18B	NESW	18	7S	23E	UINTAH	Unit # UTU 630100	Red Wash Unit PA "O" Oil
4304733555	RW 31-19B	NWNE	19	7S	23E	UINTAH	Unit # UTU 630100	Red Wash Unit PA "O" Oil
4304716479	RW 33-22B	NWSE	22	7S	23E	UINTAH	Unit # UTU 630100	Red Wash Unit PA "O" Oil
4304733790	RW 33-30B	NWSE	30	7S	23E	UINTAH	Unit # UTU 630100	Red Wash Unit PA "O" Oil
4304715146	RW 41-20B	NENE	20	7S	23E	UINTAH	Unit # UTU 630100	Red Wash Unit PA "O" Oil
4304715221	RW 41-24A	SENE	24	7S	22E	UINTAH	Unit # UTU 630100	Red Wash Unit PA "O" Oil
4304715219	RW 43-21A	NESE	21	7S	22E	UINTAH	Unit # UTU 630100	Red Wash Unit PA "O" Oil

API Number	Well Name	Qtr/Qtr	Section	Township	Range	County	Lease or Unit #	Name of Unit or Lease
4304730519	RW 31-35B	NWNE	35	7S	23E	UINTAH	Unit # UTU 630100	Red Wash Unit PA "O" Oil
4304733499	RW 33-19B	NWSE	19	7S	23E	UINTAH	Unit # UTU 630100	Red Wash Unit PA "O" Oil
4301351913	WR 11G-5-10-17	NESW	5	10S	17E	DUCHESNE	Unit # UTU 88573A	Scylla PA "A" Green River
4301350417	WR 9G-5-10-17	NESE	5	10S	17E	DUCHESNE	Unit # UTU 88573A	Scylla PA "A" Green River
4301332057	WRB 16-17-10-17	SESE	17	10S	17E	DUCHESNE	Unit # UTU 88573B	Scylla PA "B" Green River
4304733615	KENNEDY WASH 13-1	NENE	13	8S	22E	UINTAH	Unit # UTU89161X	South Red Wash Unit
4304755730	SR 32A-13H	SWNE	13	8S	22E	UINTAH	Unit # UTU89161X	South Red Wash Unit
4304737991	SSU 11G-9-8-21	NESW	9	8S	21E	UINTAH	Unit # UTU 82151A	South Stirrup Unit - GR PA
4304736736	SSU 8G-9-8-21	SENE	9	8S	21E	UINTAH	Unit # UTU 82151A	South Stirrup Unit - GR PA
4304740199	SSU 13G-4-8-21	SWSW	4	8S	21E	UINTAH	Unit # UTU 82151A	South Stirrup Unit - GR PA
4304740159	SSU 2G-3-8-21	NWNE	3	8S	21E	UINTAH	Unit # UTU 82151A	South Stirrup Unit - GR PA
4304734109	WV 15G-3-8-21	SWSE	3	8S	21E	UINTAH	Unit # UTU 82151A	South Stirrup Unit - GR PA
4304734110	WV 16G-3-8-21	SESE	3	8S	21E	UINTAH	Unit # UTU 82151A	South Stirrup Unit - GR PA
4304734106	WV 3G-10-8-21	NENW	10	8S	21E	UINTAH	Unit # UTU 82151A	South Stirrup Unit - GR PA
4304738436	SSU 14G-4-8-21	SESW	4	8S	21E	UINTAH	Unit # UTU 82151A	South Stirrup Unit - GR PA
4304738415	SSU 16G-4-8-21	SESE	4	8S	21E	UINTAH	Unit # UTU 82151A	South Stirrup Unit - GR PA
4304737990	SSU 2G-9-8-21	NWNE	9	8S	21E	UINTAH	Unit # UTU 82151A	South Stirrup Unit - GR PA
4304733162	DESERT SPRING 3-29-10-18	NENW	29	10S	18E	UINTAH	Unit # UTU 81306X	Uteland Butte Secondary Recovery Unit
4304733712	RB DS FEDERAL 14-17-10-18	SESW	17	10S	18E	UINTAH	Unit # UTU 81306X	Uteland Butte Secondary Recovery Unit
4304733164	DESERT SPRING 16-19-10-18	SESE	19	10S	18E	UINTAH	Unit # UTU 81306X	Uteland Butte Secondary Recovery Unit
4304734134	PENDRAGON FED 2-20-10-18	NWNE	20	10S	18E	UINTAH	Unit # UTU 81306X	Uteland Butte Secondary Recovery Unit
4304733245	FEDERAL 5-20-10-18	SWNW	20	10S	18E	UINTAH	Unit # UTU 81306X	Uteland Butte Secondary Recovery Unit
4304734135	PENDRAGON FED 9-17-10-18	NESE	17	10S	18E	UINTAH	Unit # UTU 81306X	Uteland Butte Secondary Recovery Unit
4304733244	DS FEDERAL 7-19-10-18	SWNE	19	10S	18E	UINTAH	Unit # UTU 81306X	Uteland Butte Secondary Recovery Unit
4304734760	DS FEDERAL 7-30-10-18	SWNE	30	10S	18E	UINTAH	Unit # UTU 81306X	Uteland Butte Secondary Recovery Unit
4304739792	WRU GB 13G-3-8-22	SWSW	3	8S	22E	UINTAH	Unit # UTU 63021G	White River PA "A" Green River Formation
4304734208	WRU GB 4WRG-9-8-22	NWNW	9	8S	22E	UINTAH	Unit # UTU 63021G	White River PA "A" Green River Formation
4304733651	WR 13W-3-8-22	SWSW	3	8S	22E	UINTAH	Unit # UTU-63021E	White River PA "E" WSTC-MSVD
4304734651	OU GB 10W-9-8-22	NWSE	9	8S	22E	UINTAH	Unit # UTU-63021F	White River PA "F" (WS-MSVD)
4304734649	OU GB 14W-9-8-22	SESW	9	8S	22E	UINTAH	Unit # UTU-63021F	White River PA "F" (WS-MSVD)
4304734679	OU GB 16W-9-8-22	SESE	9	8S	22E	UINTAH	Unit # UTU-63021F	White River PA "F" (WS-MSVD)
4304734010	OU GB 6W-9-8-22	SENE	9	8S	22E	UINTAH	Unit # UTU-63021F	White River PA "F" (WS-MSVD)
4304734753	WRU GB 5M-9-8-22 (ML)	SWNW	9	8S	22E	UINTAH	Unit # UTU-63021F	White River PA "F" (WS-MSVD)
4304734650	WRU GB 9MU-9-8-22 (MU)	NESE	9	8S	22E	UINTAH	Unit # UTU-63021F	White River PA "F" (WS-MSVD)
4304735052	WRU EIH 2MU-35-8-22	NWNE	35	8S	22E	UINTAH	Unit # UTU 63021B	White River South PA "B"
4304734708	WRU EIH 11W-35-8-22	NESW	35	8S	22E	UINTAH	Unit # UTU 63021B	White River South PA "B"
4304733393	WRU EIH 12W-35-8-22	NWSW	35	8S	22E	UINTAH	Unit # UTU 63021B	White River South PA "B"

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4304735048	WRU EIH 15MU-26-8-22 (W)	SWSE	26	8S	22E	UINTAH	Unit # UTU 63021B	White River South PA "B"
4304735049	WRU EIH 1MU-35-8-22	NENE	35	8S	22E	UINTAH	Unit # UTU 63021B	White River South PA "B"
4304734044	WRU EIH 3W-35-8-22	NENW	35	8S	22E	UINTAH	Unit # UTU 63021B	White River South PA "B"
4304734042	WRU EIH 4W-35-8-22	NWNW	35	8S	22E	UINTAH	Unit # UTU 63021B	White River South PA "B"
4304734572	WRU EIH 5W-35-8-22	SWNW	35	8S	22E	UINTAH	Unit # UTU 63021B	White River South PA "B"
4304735047	WRU EIH 9MU-26-8-22 (W)	NESE	26	8S	22E	UINTAH	Unit # UTU 63021B	White River South PA "B"
4304733061	WRU EIH 15-35-8-22	SWSE	35	8S	22E	UINTAH	Unit # UTU 63021B	White River South PA "B"
4304735046	WRU EIH 10W-35-8-22 (MU)	NWSE	35	8S	22E	UINTAH	Unit # UTU 63021B & Lease # UTU-01089	White River South PA "B" & Lease
4304737300	WRU EIH 11B-ML-35-8-22 (ML)	NESW	35	8S	22E	UINTAH	Unit # UTU 63021B & Lease # UTU-01089	White River South PA "B" & Lease
4304735667	WRU EIH 14MU-35-8-22 (W)	SESW	35	8S	22E	UINTAH	Unit # UTU 63021B & Lease # UTU-01089	White River South PA "B" & Lease
4304735121	WRU EIH 15MU-35-8-22 (W)	SWSE	35	8S	22E	UINTAH	Unit # UTU 63021B & Lease # UTU-01089	White River South PA "B" & Lease
4304735194	WRU EIH 16MU-35-8-22 (MU)	SESE	35	8S	22E	UINTAH	Unit # UTU 63021B & Lease # UTU-01089	White River South PA "B" & Lease
4304737299	WRU EIH 6B-ML-35-8-22 (ML)	SWNW	35	8S	22E	UINTAH	Unit # UTU 63021B & Lease # UTU-01089	White River South PA "B" & Lease
4304738640	WRU EIH 6DD-35-8-22 (DK)	SESW	35	8S	22E	UINTAH	Unit # UTU 63021B & Lease # UTU-01089	White River South PA "B" & Lease
4304734684	WRU EIH 6W-35-8-22 (MU)	SESW	35	8S	22E	UINTAH	Unit # UTU 63021B & Lease # UTU-01089	White River South PA "B" & Lease
4304737466	WRU EIH 7D-ML-35-8-22 (ML)	SWNE	35	8S	22E	UINTAH	Unit # UTU 63021B & Lease # UTU-01089	White River South PA "B" & Lease
4304735051	WRU EIH 7MU-35-8-22 (W)	SWNE	35	8S	22E	UINTAH	Unit # UTU 63021B & Lease # UTU-01089	White River South PA "B" & Lease
4304735195	WRU EIH 8MU-35-8-22 (W)	SENE	35	8S	22E	UINTAH	Unit # UTU 63021B & Lease # UTU-01089	White River South PA "B" & Lease
4304735050	WRU EIH 9M-35-8-22 (W)	NESE	35	8S	22E	UINTAH	Unit # UTU 63021B & Lease # UTU-01089	White River South PA "B" & Lease
4304734210	WRU 13WX-35-8-22 (M)	SWSW	35	8S	22E	UINTAH	Unit # UTU 63021B & Lease # UTU-01089	White River South PA "B" & Lease
4304735601	WRU EIH 12MU-25-8-22 (W)	NWSW	25	8S	22E	UINTAH	Unit # UTU 63021B & Lease # UTU-0629	White River South PA "B" & Lease
4304735329	WRU EIH 13MU-25-8-22 (W)	SWSW	25	8S	22E	UINTAH	Unit # UTU 63021B & Lease # UTU-0629	White River South PA "B" & Lease
4304735120	WRU EIH 10MU-26-8-22 (W)	NWSE	26	8S	22E	UINTAH	Unit # UTU 63021B & Lease # UTU-0629	White River South PA "B" & Lease
4304735118	WRU EIH 1MU-26-8-22 (W)	NENE	26	8S	22E	UINTAH	Unit # UTU 63021B & Lease # UTU-0629	White River South PA "B" & Lease
4304735192	WRU EIH 2MU-26-8-22 (W)	NWNE	26	8S	22E	UINTAH	Unit # UTU 63021B & Lease # UTU-0629	White River South PA "B" & Lease
4304737465	WRU EIH 3D-ML-35-8-22 (ML)	SESW	35	8S	22E	UINTAH	Unit # UTU 63021B & Lease # UTU-0629	White River South PA "B" & Lease
4304735389	WRU EIH 3MU-25-8-22 (MU)	NENW	25	8S	22E	UINTAH	Unit # UTU 63021B & Lease # UTU-0629	White River South PA "B" & Lease
4304738636	WRU EIH 4AD-25-8-22 (W)	NWNW	25	8S	22E	UINTAH	Unit # UTU 63021B & Lease # UTU-0629	White River South PA "B" & Lease
4304735432	WRU EIH 5MU-25-8-22 (MU)	SWNW	25	8S	22E	UINTAH	Unit # UTU 63021B & Lease # UTU-0629	White River South PA "B" & Lease
4304735431	WRU EIH 6MU-25-8-22 (MU)	SESW	25	8S	22E	UINTAH	Unit # UTU 63021B & Lease # UTU-0629	White River South PA "B" & Lease
4304738637	WRU EIH 7AD-26-8-22 (M)	SWNE	26	8S	22E	UINTAH	Unit # UTU 63021B & Lease # UTU-0629	White River South PA "B" & Lease
4304735119	WRU EIH 7MU-26-8-22 (MU)	SENE	26	8S	22E	UINTAH	Unit # UTU 63021B & Lease # UTU-0629	White River South PA "B" & Lease
4304738649	WRU EIH 9CD-26-8-22 (W)	NESE	26	8S	22E	UINTAH	Unit # UTU 63021B & Lease # UTU-0629	White River South PA "B" & Lease
4304735388	WRU EIH 4MU-25-8-22 (MU)	NWNW	25	8S	22E	UINTAH	Unit # UTU 63021B & Lease # UTU-0629	White River South PA "B" & Lease
4304735191	WRU EIH 16MU-26-8-22 (W)	SESE	26	8S	22E	UINTAH	Unit # UTU 63021B & Lease # UTU-0629	White River South PA "B" & Lease
4304734836	WRU EIH 11MU-26-8-22 (W)	NESW	26	8S	22E	UINTAH	Unit # UTU 63021B & Lease # UTU-43916	White River South PA "B" & Lease
4304735425	WRU EIH 12ML-24-8-22 (W)	NWSW	24	8S	22E	UINTAH	Unit # UTU 63021B & Lease # UTU-43917	White River South PA "B" & Lease

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4304735805	WRU EIH 11ML-24-8-22 (MU)	NWSW	24	8S	22E	UINTAH	Unit # UTU 63021B & Lease # UTU-43917	White River South PA "B" & Lease
4304735793	WRU EIH 13ML-24-8-22 (ML)	SESW	24	8S	22E	UINTAH	Unit # UTU 63021B & Lease # UTU-43917	White River South PA "B" & Lease
4304735426	WRU EIH 14ML-24-8-22 (ML)	SESW	24	8S	22E	UINTAH	Unit # UTU 63021B & Lease # UTU-43917	White River South PA "B" & Lease
4304735387	WRU EIH 15ML-23-8-22 (ML)	SWSE	23	8S	22E	UINTAH	Unit # UTU 63021B & Lease # UTU-43917	White River South PA "B" & Lease
4304735804	WRU EIH 16ML-23-8-22 (ML)	SWSE	23	8S	22E	UINTAH	Unit # UTU 63021B & Lease # UTU-43917	White River South PA "B" & Lease
4304735189	WRU EIH 9ML-23-8-22 (W)	NESE	23	8S	22E	UINTAH	Unit # UTU 63021B & Lease # UTU-43917	White River South PA "B" & Lease
4304735187	WRU EIH 10ML-23-8-22 (W)	NWSE	23	8S	22E	UINTAH	Unit # UTU 63021B & Lease # UTU-43917	White River South PA "B" & Lease
4304738994	WRU EIH 6D-5-8-23 (MV)	SENW	5	8S	23E	UINTAH	Unit # UTU 63021C	White River Unit PA"B"
4304733863	WV 10W-12-8-21	NWSE	12	8S	21E	UINTAH	Unit # UTU 63043E	Wonsits Valley PA "E" Gas
4304733795	WV 10W-13-8-21	NWSE	13	8S	21E	UINTAH	Unit # UTU 63043E	Wonsits Valley PA "E" Gas
4304734295	WV 10W-15-8-21	NWSE	15	8S	21E	UINTAH	Unit # UTU 63043E	Wonsits Valley PA "E" Gas
4304733991	WV 10W-18-8-22	NWSE	18	8S	22E	UINTAH	Unit # UTU 63043E	Wonsits Valley PA "E" Gas
4304733813	WV 10W-7-8-22	NWSE	7	8S	22E	UINTAH	Unit # UTU 63043E	Wonsits Valley PA "E" Gas
4304738049	WV 11AD-14-8-21 (ML)	NWSE	14	8S	21E	UINTAH	Unit # UTU 63043E	Wonsits Valley PA "E" Gas
4304733535	WV 11W-12-8-21	NESE	12	8S	21E	UINTAH	Unit # UTU 63043E	Wonsits Valley PA "E" Gas
4304734277	WV 11W-14-8-21	NESE	14	8S	21E	UINTAH	Unit # UTU 63043E	Wonsits Valley PA "E" Gas
4304733626	WV 11W-18-8-22	NESE	18	8S	22E	UINTAH	Unit # UTU 63043E	Wonsits Valley PA "E" Gas
4304733495	WV 11W-7-8-22	NESE	7	8S	22E	UINTAH	Unit # UTU 63043E	Wonsits Valley PA "E" Gas
4304733295	WV 11W-8-8-22	NESE	8	8S	22E	UINTAH	Unit # UTU 63043E	Wonsits Valley PA "E" Gas
4304731873	WV 121 (MV)	NWSW	14	8S	21E	UINTAH	Unit # UTU 63043E	Wonsits Valley PA "E" Gas
4304733961	WV 12W-13-8-21	NWSW	13	8S	21E	UINTAH	Unit # UTU 63043E	Wonsits Valley PA "E" Gas
4304733815	WV 12W-8-8-22	NWSW	8	8S	22E	UINTAH	Unit # UTU 63043E	Wonsits Valley PA "E" Gas
4304733054	WV 138 WG	SWNW	18	8S	22E	UINTAH	Unit # UTU 63043E	Wonsits Valley PA "E" Gas
4304739039	WV 13A-15-8-21 (DK)	SWSW	15	8S	21E	UINTAH	Unit # UTU 63043E	Wonsits Valley PA "E" Gas
4304739321	WV 13AD-8-8-22R (ML)	SWSW	8	8S	22E	UINTAH	Unit # UTU 63043E	Wonsits Valley PA "E" Gas
4304737926	WV 13DML-10-8-21 (W)	SWSW	10	8S	21E	UINTAH	Unit # UTU 63043E	Wonsits Valley PA "E" Gas
4304736305	WV 13MU-10-8-21 (MU)	SWSW	10	8S	21E	UINTAH	Unit # UTU 63043E	Wonsits Valley PA "E" Gas
4304733607	WV 13W-14-8-21	SWSW	14	8S	21E	UINTAH	Unit # UTU 63043E	Wonsits Valley PA "E" Gas
4304733538	WV 13W-18-8-22	SWSW	18	8S	22E	UINTAH	Unit # UTU 63043E	Wonsits Valley PA "E" Gas
4304733496	WV 13W-7-8-22	SWSW	7	8S	22E	UINTAH	Unit # UTU 63043E	Wonsits Valley PA "E" Gas
4304733070	WV 14 WG	SWSE	12	8S	21E	UINTAH	Unit # UTU 63043E	Wonsits Valley PA "E" Gas
4304733128	WV 146 WG	NWNW	19	8S	22E	UINTAH	Unit # UTU 63043E	Wonsits Valley PA "E" Gas
4304737924	WV 14DML-12-8-21 (W)	SESW	12	8S	21E	UINTAH	Unit # UTU 63043E	Wonsits Valley PA "E" Gas
4304734280	WV 14M-11-8-21 (ML)	SESW	11	8S	21E	UINTAH	Unit # UTU 63043E	Wonsits Valley PA "E" Gas
4304735879	WV 14MU-10-8-21 (W)	SESW	10	8S	21E	UINTAH	Unit # UTU 63043E	Wonsits Valley PA "E" Gas
4304733864	WV 14W-12-8-21	SESW	12	8S	21E	UINTAH	Unit # UTU 63043E	Wonsits Valley PA "E" Gas
4304733962	WV 14W-13-8-21	SESW	13	8S	21E	UINTAH	Unit # UTU 63043E	Wonsits Valley PA "E" Gas

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4304733995	WV 14W-18-8-22	SESW	18	8S	22E	UINTAH	Unit # UTU 63043E	Wonsits Valley PA "E" Gas
4304733816	WV 14W-7-8-22	SESW	7	8S	22E	UINTAH	Unit # UTU 63043E	Wonsits Valley PA "E" Gas
4304733963	WV 15W-14-8-21	SWSE	14	8S	21E	UINTAH	Unit # UTU 63043E	Wonsits Valley PA "E" Gas
4304733661	WV 15W-9-8-21	SWSE	9	8S	21E	UINTAH	Unit # UTU 63043E	Wonsits Valley PA "E" Gas
4304738737	WV 16C-14-8-21 (W)	SESE	14	8S	21E	UINTAH	Unit # UTU 63043E	Wonsits Valley PA "E" Gas
4304734250	WV 16W-10-8-21	SESE	10	8S	21E	UINTAH	Unit # UTU 63043E	Wonsits Valley PA "E" Gas
4304733865	WV 16W-12-8-21	SESE	12	8S	21E	UINTAH	Unit # UTU 63043E	Wonsits Valley PA "E" Gas
4304733529	WV 16W-9-8-21	SESE	9	8S	21E	UINTAH	Unit # UTU 63043E	Wonsits Valley PA "E" Gas
4304733220	WV 1W-14-8-21	NENE	14	8S	21E	UINTAH	Unit # UTU 63043E	Wonsits Valley PA "E" Gas
4304733294	WV 1W-18-8-22	NENE	18	8S	22E	UINTAH	Unit # UTU 63043E	Wonsits Valley PA "E" Gas
4304733602	WV 1W-21-8-21	NENE	21	8S	21E	UINTAH	Unit # UTU 63043E	Wonsits Valley PA "E" Gas
4304733904	WV 1W-23-8-21	NENE	23	8S	21E	UINTAH	Unit # UTU 63043E	Wonsits Valley PA "E" Gas
4304733613	WV 1W-24-8-21	NENE	24	8S	21E	UINTAH	Unit # UTU 63043E	Wonsits Valley PA "E" Gas
4304733501	WV 1W-7-8-22	NENE	7	8S	22E	UINTAH	Unit # UTU 63043E	Wonsits Valley PA "E" Gas
4304733791	WV 2W-13-8-21	NWNE	13	8S	21E	UINTAH	Unit # UTU 63043E	Wonsits Valley PA "E" Gas
4304734140	WV 2W-14-8-21	NWNE	14	8S	21E	UINTAH	Unit # UTU 63043E	Wonsits Valley PA "E" Gas
4304733986	WV 2W-18-8-22	NWNE	18	8S	22E	UINTAH	Unit # UTU 63043E	Wonsits Valley PA "E" Gas
4304734141	WV 2W-21-8-21	NWNE	21	8S	21E	UINTAH	Unit # UTU 63043E	Wonsits Valley PA "E" Gas
4304734243	WV 2W-22-8-21	NWNE	22	8S	21E	UINTAH	Unit # UTU 63043E	Wonsits Valley PA "E" Gas
4304734468	WV 2W-8-8-22	NWNE	8	8S	22E	UINTAH	Unit # UTU 63043E	Wonsits Valley PA "E" Gas
4304732831	WV 38 WG	SWNW	8	8S	22E	UINTAH	Unit # UTU 63043E	Wonsits Valley PA "E" Gas
4304734289	WV 3MU-15-8-21 (MU)	NENW	15	8S	21E	UINTAH	Unit # UTU 63043E	Wonsits Valley PA "E" Gas
4304733533	WV 3W-18-8-22	NENW	18	8S	22E	UINTAH	Unit # UTU 63043E	Wonsits Valley PA "E" Gas
4304734187	WV 3W-19-8-22	NENW	19	8S	22E	UINTAH	Unit # UTU 63043E	Wonsits Valley PA "E" Gas
4304734143	WV 3W-21-8-21	NENW	21	8S	21E	UINTAH	Unit # UTU 63043E	Wonsits Valley PA "E" Gas
4304733604	WV 3W-22-8-21	NENW	22	8S	21E	UINTAH	Unit # UTU 63043E	Wonsits Valley PA "E" Gas
4304733605	WV 3W-24-8-21	NENW	24	8S	21E	UINTAH	Unit # UTU 63043E	Wonsits Valley PA "E" Gas
4304733502	WV 3W-7-8-22	NENW	7	8S	22E	UINTAH	Unit # UTU 63043E	Wonsits Valley PA "E" Gas
4304733241	WV 46 WG	NESE	7	8S	22E	UINTAH	Unit # UTU 63043E	Wonsits Valley PA "E" Gas
4304732832	WV 49 WG	SWSW	8	8S	22E	UINTAH	Unit # UTU 63043E	Wonsits Valley PA "E" Gas
4304739041	WV 4BD-23-8-21 (W)	NWNW	23	8S	21E	UINTAH	Unit # UTU 63043E	Wonsits Valley PA "E" Gas
4304737927	WV 4DML-15-8-21 (ML)	NWNW	15	8S	21E	UINTAH	Unit # UTU 63043E	Wonsits Valley PA "E" Gas
4304734291	WV 4MU-15-8-21 (MU)	NWNW	15	8S	21E	UINTAH	Unit # UTU 63043E	Wonsits Valley PA "E" Gas
4304733657	WV 4W-11-8-21	NWNW	11	8S	21E	UINTAH	Unit # UTU 63043E	Wonsits Valley PA "E" Gas
4304734144	WV 4W-13-8-21	NWNW	13	8S	21E	UINTAH	Unit # UTU 63043E	Wonsits Valley PA "E" Gas
4304734038	WV 4W-17-8-22	NWNW	17	8S	22E	UINTAH	Unit # UTU 63043E	Wonsits Valley PA "E" Gas
4304734145	WV 4W-21-8-21	NWNW	21	8S	21E	UINTAH	Unit # UTU 63043E	Wonsits Valley PA "E" Gas

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4304734188	WV 4W-23-8-21	NWNW	23	8S	21E	UINTAH	Unit # UTU 63043E	Wonsits Valley PA "E" Gas
4304734330	WV 4W-24-8-21	NWNW	24	8S	21E	UINTAH	Unit # UTU 63043E	Wonsits Valley PA "E" Gas
4304732821	WV 54 WG	SWSE	7	8S	22E	UINTAH	Unit # UTU 63043E	Wonsits Valley PA "E" Gas
4304734293	WV 5MU-15-8-21 (W)	SWNW	15	8S	21E	UINTAH	Unit # UTU 63043E	Wonsits Valley PA "E" Gas
4304733221	WV 5W-13-8-21	SWNW	13	8S	21E	UINTAH	Unit # UTU 63043E	Wonsits Valley PA "E" Gas
4304733953	WV 5W-14-8-21	SWNW	14	8S	21E	UINTAH	Unit # UTU 63043E	Wonsits Valley PA "E" Gas
4304738663	WV 6-24-8-21 (M)	SEW	24	8S	21E	UINTAH	Unit # UTU 63043E	Wonsits Valley PA "E" Gas
4304732829	WV 69 WG	SWNE	18	8S	22E	UINTAH	Unit # UTU 63043E	Wonsits Valley PA "E" Gas
4304733906	WV 6W-11-8-21	SEW	11	8S	21E	UINTAH	Unit # UTU 63043E	Wonsits Valley PA "E" Gas
4304733792	WV 6W-13-8-21	SEW	13	8S	21E	UINTAH	Unit # UTU 63043E	Wonsits Valley PA "E" Gas
4304734294	WV 6W-15-8-21	SEW	15	8S	21E	UINTAH	Unit # UTU 63043E	Wonsits Valley PA "E" Gas
4304733842	WV 6W-18-8-22	SEW	18	8S	22E	UINTAH	Unit # UTU 63043E	Wonsits Valley PA "E" Gas
4304733828	WV 6W-7-8-22	SEW	7	8S	22E	UINTAH	Unit # UTU 63043E	Wonsits Valley PA "E" Gas
4304733843	WV 6WC-18-8-22	SEW	18	8S	22E	UINTAH	Unit # UTU 63043E	Wonsits Valley PA "E" Gas
4304733844	WV 6WD-18-8-22	SEW	18	8S	22E	UINTAH	Unit # UTU 63043E	Wonsits Valley PA "E" Gas
4304739044	WV 7BD-23-8-21 (W)	SWNE	23	8S	21E	UINTAH	Unit # UTU 63043E	Wonsits Valley PA "E" Gas
4304733955	WV 7W-14-8-21	SWNE	14	8S	21E	UINTAH	Unit # UTU 63043E	Wonsits Valley PA "E" Gas
4304734246	WV 7W-15-8-21	SWNE	15	8S	21E	UINTAH	Unit # UTU 63043E	Wonsits Valley PA "E" Gas
4304733908	WV 7W-24-8-21	SWNE	24	8S	21E	UINTAH	Unit # UTU 63043E	Wonsits Valley PA "E" Gas
4304739040	WV 8D-15-8-21 (DK)	SENE	15	8S	21E	UINTAH	Unit # UTU 63043E	Wonsits Valley PA "E" Gas
4304733862	WV 8W-12-8-21	SENE	12	8S	21E	UINTAH	Unit # UTU 63043E	Wonsits Valley PA "E" Gas
4304733793	WV 8W-13-8-21	SENE	13	8S	21E	UINTAH	Unit # UTU 63043E	Wonsits Valley PA "E" Gas
4304733958	WV 8W-14-8-21	SENE	14	8S	21E	UINTAH	Unit # UTU 63043E	Wonsits Valley PA "E" Gas
4304734247	WV 8W-15-8-21	SENE	15	8S	21E	UINTAH	Unit # UTU 63043E	Wonsits Valley PA "E" Gas
4304733989	WV 8W-18-8-22	SENE	18	8S	22E	UINTAH	Unit # UTU 63043E	Wonsits Valley PA "E" Gas
4304734340	WV 8W-24-8-21	SENE	24	8S	21E	UINTAH	Unit # UTU 63043E	Wonsits Valley PA "E" Gas
4304733534	WV 9W-12-8-21	NESE	12	8S	21E	UINTAH	Unit # UTU 63043E	Wonsits Valley PA "E" Gas
4304733269	WV 9W-14-8-21	NESE	14	8S	21E	UINTAH	Unit # UTU 63043E	Wonsits Valley PA "E" Gas
4304733959	WV 9W-15-8-21	NESE	15	8S	21E	UINTAH	Unit # UTU 63043E	Wonsits Valley PA "E" Gas
4304733910	WV 10W-11-8-21	NWSE	11	8S	21E	UINTAH	Unit # UTU 63043E	Wonsits Valley PA "E" Gas
4304734275	WV 10W-14-8-21	NWSE	14	8S	21E	UINTAH	Unit # UTU 63043E	Wonsits Valley PA "E" Gas
4304733911	WV 11W-15-8-21	NESW	15	8S	21E	UINTAH	Unit # UTU 63043E	Wonsits Valley PA "E" Gas
4304733808	WV 12W-7-8-22	NWSW	7	8S	22E	UINTAH	Unit # UTU 63043E	Wonsits Valley PA "E" Gas
4304733913	WV 13W-11-8-21	SWSW	11	8S	21E	UINTAH	Unit # UTU 63043E	Wonsits Valley PA "E" Gas
4304733537	WV 13W-12-8-21	SWSW	12	8S	21E	UINTAH	Unit # UTU 63043E	Wonsits Valley PA "E" Gas
4304734281	WV 14W-14-8-21	SESW	14	8S	21E	UINTAH	Unit # UTU 63043E	Wonsits Valley PA "E" Gas
4304734249	WV 14W-15-8-21	SESW	15	8S	21E	UINTAH	Unit # UTU 63043E	Wonsits Valley PA "E" Gas

API Number	Well Name	Qtr/Qtr	Section	Township	Range	County	Lease or Unit #	Name of Unit or Lease
4304733916	WV 15W-10-8-21	SWSE	10	8S	21E	UINTAH	Unit # UTU 63043E	Wonsits Valley PA "E" Gas
4304733917	WV 15W-15-8-21	SWSE	15	8S	21E	UINTAH	Unit # UTU 63043E	Wonsits Valley PA "E" Gas
4304733817	WV 16W-7-8-22	SESE	7	8S	22E	UINTAH	Unit # UTU 63043E	Wonsits Valley PA "E" Gas
4304733531	WV 1W-12-8-21	NENE	12	8S	21E	UINTAH	Unit # UTU 63043E	Wonsits Valley PA "E" Gas
4304734242	WV 2W-15-8-21	NWNE	15	8S	21E	UINTAH	Unit # UTU 63043E	Wonsits Valley PA "E" Gas
4304733603	WV 3W-13-8-21	NENW	13	8S	21E	UINTAH	Unit # UTU 63043E	Wonsits Valley PA "E" Gas
4304734244	WV 4W-14-8-21	NWNW	14	8S	21E	UINTAH	Unit # UTU 63043E	Wonsits Valley PA "E" Gas
4304734146	WV 4W-22-8-21	NWNW	22	8S	21E	UINTAH	Unit # UTU 63043E	Wonsits Valley PA "E" Gas
4304733494	WV 5W-7-8-22	SWNW	7	8S	22E	UINTAH	Unit # UTU 63043E	Wonsits Valley PA "E" Gas
4304734271	WV 6W-14-8-21	SENW	14	8S	21E	UINTAH	Unit # UTU 63043E	Wonsits Valley PA "E" Gas
4304734189	WV 6W-23-8-21	SENW	23	8S	21E	UINTAH	Unit # UTU 63043E	Wonsits Valley PA "E" Gas
4304733811	WV 6W-8-8-22	SENW	8	8S	22E	UINTAH	Unit # UTU 63043E	Wonsits Valley PA "E" Gas
4304733861	WV 7W-23-8-21	SWNE	23	8S	21E	UINTAH	Unit # UTU 63043E	Wonsits Valley PA "E" Gas
4304733812	WV 7W-8-8-22	SWNE	8	8S	22E	UINTAH	Unit # UTU 63043E	Wonsits Valley PA "E" Gas
4304733086	WV 81WG	SWNW	24	8S	21E	UINTAH	Unit # UTU 63043E	Wonsits Valley PA "E" Gas
4304733957	WV 8W-11-8-21	SENE	11	8S	21E	UINTAH	Unit # UTU 63043E	Wonsits Valley PA "E" Gas
4304731820	WV 145	NWNW	18	8S	22E	UINTAH	Unit # UTU 63043E	Wonsits Valley PA "E" Gas
4304720205	WV 83 WG	NENW	23	8S	21E	UINTAH	Unit # UTU 63043E	Wonsits Valley PA "E" Gas
4304733914	WV 13W-15-8-21	SWSW	15	8S	21E	UINTAH	Unit # UTU 63043O	Wonsits Valley PA "O" Green River
4304734251	WV 16W-15-8-21 (GR)	SESE	15	8S	21E	UINTAH	Unit # UTU 63043O	Wonsits Valley PA "O" Green River
4304734564	WV 8W-22-8-21 (GR)	SENE	22	8S	21E	UINTAH	Unit # UTU 63043O	Wonsits Valley PA "O" Green River
4304733536	WV 11W-13-8-21	NESW	13	8S	21E	UINTAH	Unit # UTU 63043O	Wonsits Valley PA "O" Green River
4304733903	WV 1W-22-8-21 (GR)	NENE	22	8S	21E	UINTAH	Unit # UTU 63043O	Wonsits Valley PA "O" Green River
4304730021	WV 103	NWNW	14	8S	21E	UINTAH	Unit # UTU 63043O	Wonsits Valley PA "O" Green River
4304730023	WV 105	SESE	10	8S	21E	UINTAH	Unit # UTU 63043O	Wonsits Valley PA "O" Green River
4304730045	WV 109	SENE	15	8S	21E	UINTAH	Unit # UTU 63043O	Wonsits Valley PA "O" Green River
4304730046	WV 110	SENW	14	8S	21E	UINTAH	Unit # UTU 63043O	Wonsits Valley PA "O" Green River
4304730048	WV 112	SENW	15	8S	21E	UINTAH	Unit # UTU 63043O	Wonsits Valley PA "O" Green River
4304732461	WV 119	NWNW	21	8S	21E	UINTAH	Unit # UTU 63043O	Wonsits Valley PA "O" Green River
4304730745	WV 124	NWSE	15	8S	21E	UINTAH	Unit # UTU 63043O	Wonsits Valley PA "O" Green River
4304730798	WV 128	SESW	10	8S	21E	UINTAH	Unit # UTU 63043O	Wonsits Valley PA "O" Green River
4304733660	WV 12G-10-8-21	NWSW	10	8S	21E	UINTAH	Unit # UTU 63043O	Wonsits Valley PA "O" Green River
4304732307	WV 130	NWNW	22	8S	21E	UINTAH	Unit # UTU 63043O	Wonsits Valley PA "O" Green River
4304730822	WV 132	NWSW	15	8S	21E	UINTAH	Unit # UTU 63043O	Wonsits Valley PA "O" Green River
4304731706	WV 133	SESW	15	8S	21E	UINTAH	Unit # UTU 63043O	Wonsits Valley PA "O" Green River
4304732016	WV 135-2	NENE	21	8S	21E	UINTAH	Unit # UTU 63043O	Wonsits Valley PA "O" Green River
4304731523	WV 137	SENW	11	8S	21E	UINTAH	Unit # UTU 63043O	Wonsits Valley PA "O" Green River

API Number	Well Name	Qtr/Qtr	Section	Township	Range	County	Lease or Unit #	Name of Unit or Lease
4304731807	WV 144	SENE	10	8S	21E	UINTAH	Unit # UTU 630430	Wonsits Valley PA "O" Green River
4304733662	WV 15G-9-8-21	SWSE	9	8S	21E	UINTAH	Unit # UTU 630430	Wonsits Valley PA "O" Green River
4304734283	WV 16G-14-8-21	SESE	14	8S	21E	UINTAH	Unit # UTU 630430	Wonsits Valley PA "O" Green River
4304733655	WV 2W-10-8-21 (GR)	NWNE	10	8S	21E	UINTAH	Unit # UTU 630430	Wonsits Valley PA "O" Green River
4304715471	WV 43	SWSW	11	8S	21E	UINTAH	Unit # UTU 630430	Wonsits Valley PA "O" Green River
4304715476	WV 48	SWNE	10	8S	21E	UINTAH	Unit # UTU 630430	Wonsits Valley PA "O" Green River
4304720003	WV 53	SWSE	10	8S	21E	UINTAH	Unit # UTU 630430	Wonsits Valley PA "O" Green River
4304720005	WV 55	SWNE	14	8S	21E	UINTAH	Unit # UTU 630430	Wonsits Valley PA "O" Green River
4304733860	WV 5W-23-8-21 (GR)	SWNW	23	8S	21E	UINTAH	Unit # UTU 630430	Wonsits Valley PA "O" Green River
4304720024	WV 62	SWSW	10	8S	21E	UINTAH	Unit # UTU 630430	Wonsits Valley PA "O" Green River
4304720041	WV 65	SWNW	15	8S	21E	UINTAH	Unit # UTU 630430	Wonsits Valley PA "O" Green River
4304733503	WV 7WRG-7-8-22 (GR)	SWNE	7	8S	22E	UINTAH	Unit # UTU 630430	Wonsits Valley PA "O" Green River
4304734339	WV 8M-23-8-21 (MU)	SENE	23	8S	21E	UINTAH	Unit # UTU 630430	Wonsits Valley PA "O" Green River
4304730022	WV 104	NWNE	15	8S	21E	UINTAH	Unit # UTU 630430	Wonsits Valley PA "O" Green River
4304734142	WV 2W-23-8-21 (GR)	NWNE	23	8S	21E	UINTAH	Unit # UTU 630430	Wonsits Valley PA "O" Green River
4304715463	WV 35	NESW	14	8S	21E	UINTAH	Unit # UTU 630430	Wonsits Valley PA "O" Green River
4304720047	WV 68	NESE	15	8S	21E	UINTAH	Unit # UTU 630430	Wonsits Valley PA "O" Green River
4304732462	WV 120	NENW	22	8S	21E	UINTAH	Unit # UTU 630430	Wonsits Valley PA "O" Green River
4304730796	WV 126	NWNE	21	8S	21E	UINTAH	Unit # UTU 630430	Wonsits Valley PA "O" Green River
4304731707	WV 140	NWNW	15	8S	21E	UINTAH	Unit # UTU 630430	Wonsits Valley PA "O" Green River
4304731808	WV 143	NWSE	10	8S	21E	UINTAH	Unit # UTU 630430	Wonsits Valley PA "O" Green River
4304715447	WV 16	NENE	15	8S	21E	UINTAH	Unit # UTU 630430	Wonsits Valley PA "O" Green River
4304731524	WV 28-2	NESW	11	8S	21E	UINTAH	Unit # UTU 630430	Wonsits Valley PA "O" Green River
4304715460	WV 31	NENW	14	8S	21E	UINTAH	Unit # UTU 630430	Wonsits Valley PA "O" Green River
4304715464	WV 36	NESW	10	8S	21E	UINTAH	Unit # UTU 630430	Wonsits Valley PA "O" Green River
4304734596	WV 3G-8-8-22	NENW	8	8S	22E	UINTAH	Unit # UTU 630430	Wonsits Valley PA "O" Green River
4304731798	WV 40-2	NESE	10	8S	21E	UINTAH	Unit # UTU 630430	Wonsits Valley PA "O" Green River
4304715469	WV 41	NENW	15	8S	21E	UINTAH	Unit # UTU 630430	Wonsits Valley PA "O" Green River
4304715477	WV 50	SWNE	15	8S	21E	UINTAH	Unit # UTU 630430	Wonsits Valley PA "O" Green River
4304720018	WV 59	SWNW	14	8S	21E	UINTAH	Unit # UTU 630430	Wonsits Valley PA "O" Green River
4304720019	WV 60	SWSE	15	8S	21E	UINTAH	Unit # UTU 630430	Wonsits Valley PA "O" Green River
4304720043	WV 67	NESW	15	8S	21E	UINTAH	Unit # UTU 630430	Wonsits Valley PA "O" Green River
4304732449	WV 71-2	SWSW	15	8S	21E	UINTAH	Unit # UTU 630430	Wonsits Valley PA "O" Green River
4304730014	WV 97	NWSW	11	8S	21E	UINTAH	Unit # UTU 630430	Wonsits Valley PA "O" Green River



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
REGION 8

1595 Wynkoop Street  
DENVER, CO 80202-1129  
Phone 800-227-8917  
<http://www.epa.gov/region8>

OCT 04 2018

Ref: 8WP-SUI

**CERTIFIED MAIL**  
**RETURN RECEIPT REQUESTED**

Worth Carlin  
Vice President, Land  
Middle Fork Energy Uinta, LLC  
1430 Larimer Street, Suite 400  
Denver, Colorado 80202

Re: Underground Injection Control  
Minor Permit Modification  
Ownership/Operator Transfer, 80 wells

Dear Mr. Carlin:

On September 17, 2018, the U.S. Environmental Protection Agency Region 8 Underground Injection Control program office received notice from QEP, with your concurrence, that the owner and operator of the 80 wells attached in Schedule A is changed from QEP Energy to Middle Fork Energy Uinta, LLC effective September 6, 2018. This action hereby names the following owner and operator as the Permittee for the named wells:

Middle Fork Energy Uinta, LLC  
1430 Larimer Street, Suite 400  
Denver, Colorado 80202

The EPA has reviewed the request and has determined that Minor Modifications of the Permits are required. Middle Fork Energy Uinta has met the financial responsibility requirements under Title 40 of the Code of Federal Regulations (40 CFR), Section 144.52(a)(7).

Pursuant to 40 CFR §144.41(d), the EPA hereby modifies the referenced Permits, reflecting that Middle Fork Energy Uinta is the Permittee.

Please note that the referenced EPA Permits remain fully effective and enforceable and all other provisions and conditions of the Permits remain as issued or modified. For further information, please contact Bruce Suchomel at [suchomel.bruce@epa.gov](mailto:suchomel.bruce@epa.gov) or (303) 312-6001.

Sincerely,

A handwritten signature in black ink, appearing to read 'Darcy O'Connor', with a long horizontal flourish extending to the right.

Darcy O'Connor  
Assistant Regional Administrator  
Office of Water Protection

Enclosure

cc: Uintah & Ouray Business Committee:  
Luke Duncan, Chairman  
Tony Small, Vice-Chairman  
Susan Chapoose, Executive Director

Antonio Pingree, Acting Superintendent  
BIA – Uintah & Ouray Indian Agency

Bruce Pargeets, Energy & Minerals Director  
Ute Indian Tribe

Sonja Willie, Natural Resources Director  
Ute Indian Tribe

Dayne Doucet, Oil and Gas Permitting Manager  
Utah Division of Oil, Gas and Mining

Jerry Kenczka  
Assistant Field Manager for Lands & Minerals  
BLM - Vernal Office

Julie Jacobson, Regulatory Manager  
QEP Energy

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-022158
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
		<b>7. UNIT or CA AGREEMENT NAME:</b> WONSITS VALLEY
<b>1. TYPE OF WELL</b> Water Injection Well	<b>8. WELL NAME and NUMBER:</b> WV 3G-8-8-22	
<b>2. NAME OF OPERATOR:</b> Middle Fork Energy Uinta, LLC	<b>9. API NUMBER:</b> 4304734596000	
<b>3. ADDRESS OF OPERATOR:</b> 1515 Wynkoop Street, Suite 650 , Denver, CO, 80202	<b>PHONE NUMBER:</b>	<b>9. FIELD and POOL or WILDCAT:</b> WONSITS VALLEY
<b>4. LOCATION OF WELL FOOTAGES AT SURFACE:</b> 730 FNL 2021 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NENW Section: 8 Township: 8S Range: 22E Meridian: S	<b>COUNTY:</b> UINTAH	
	<b>STATE:</b> UTAH	
<b>11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA</b>		
<b>TYPE OF SUBMISSION</b>	<b>TYPE OF ACTION</b>	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:  <input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <b>6/25/2019</b>  <input type="checkbox"/> SPUD REPORT Date of Spud:  <input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> WILDCAT WELL DETERMINATION <input checked="" type="checkbox"/> OTHER	
	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input type="text" value="MIT"/>	
<b>12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.</b> Please be advised that the WV 3G-8-8-22 injection well passed a successful MIT on June 25, 2019. Please see the attached.		
<b>Accepted by the Utah Division of Oil, Gas and Mining</b>  <b>Date:</b> <u>August 02, 2019</u>  <b>By:</b> 		
<b>NAME (PLEASE PRINT)</b> Jan Nelson	<b>PHONE NUMBER</b> 435-781-4331	<b>TITLE</b> Sr. Staff Regulatory Analyst
<b>SIGNATURE</b> N/A	<b>DATE</b> 6/26/2019	



June 26, 2019

U.S. Environmental Protection Agency, Region 8  
1595 Wynkoop Street  
Denver, CO 80202-1129

**Attn: Nathan Wisner**

RE: Mechanical Integrity Test (MIT) for  
**WV 3G-8-8-22**  
UIC# UT20954-06195  
API# 43-047-34596  
Location: Sec. 8, T8S, R22E, Uintah County, UT

Dear Mr. Wisner,

Please be advised that the above captioned well passed a successful Mechanical Integrity Test (MIT) on June 25, 2019. Enclosed please find a Pressure Test Chart and a Casing or Annulus Pressure Test form recorded from the test. The well is actively injecting. The MIT for this well was a regularly scheduled test.

Should you need any additional information at this time, please don't hesitate to contact me direct at (435) 781-4331, or via email at [jan.nelson@middleforkep.com](mailto:jan.nelson@middleforkep.com)

Sincerely,

A handwritten signature in blue ink that reads "Jan Nelson". The signature is fluid and cursive, with the first name "Jan" being particularly prominent.

Jan Nelson  
Sr. Staff Regulatory Analyst

Enclosures: MIT Casing or Annulus Pressure Test Form  
MIT Results Spreadsheet with Pressure Test Charts

cc: Utah Division of Oil Gas and Mining      Bureau of Land Management  
1594 West North Temple, Suite 1210      Vernal Field Office  
P.O. Box 145801      170 South 500 East  
Salt Lake City, UT 84114-5801      Vernal, UT 84078

## MECHANICAL INTEGRITY TEST CASING OR ANNULUS PRESSURE TEST

U.S. ENVIRONMENTAL PROTECTION AGENCY  
UNDERGROUND INJECTION CONTROL PROGRAM, UIC IMPLEMENTATION SECTION (8P-W-GW)  
999 18TH STREET, SUITE 300, DENVER, CO. 80202-2466

UDOGM WITNESS: RICHARD POWELL      DATE: 6/25/2019      TIME: 7:00  AM  PM

TEST CONDUCTED BY: EREK SPENCER      MIDDLE FORK EP

OTHERS PRESENT: MARTY BLACK      D&M HOT OIL

API NUMBER- 43-047-34596      EPA ID NUMBER- UT20954-06195

WELL NAME: <u>WV 3G-8-8-22</u>	TYPE: <input checked="" type="checkbox"/> ER <input type="checkbox"/> SWD	STATUS: <input checked="" type="checkbox"/> AC <input type="checkbox"/> TA <input type="checkbox"/> UC
FIELD: <u>WONSITS VALLEY</u>	LEASE: <u>UTU022158</u>	
	UNIT: <u>8910084820</u>	
WELL LOCATION: <u>NE/4, NW/4, SEC 8, T8</u> <input type="checkbox"/> N <input type="checkbox"/> S	<u>R22</u> <input type="checkbox"/> E <input type="checkbox"/> W	COUNTY: <u>UINTAH</u> STATE: <u>UTAH</u>
OPERATOR: <u>QEP ENERGY COMPANY</u>		
LAST MIT: <u>8/11/2009</u>	MAXIMUM ALLOWABLE PRESSURE: <u>1600</u> PSIG	

IS THIS A REGULAR SCHEDULED TEST?     YES     NO

INITIAL TEST FOR PERMIT?     YES     NO

TEST AFTER WELL WORK?     YES     NO

WELL INJECTING DURING TEST?     YES     NO    IF YES, RATE: 116 BPD

PRE-TEST CASING/TUBING ANNULUS PRESSURE: 0 :PSIG

MIT DATA TABLE TUBING	TEST #1 PRESSURE	TEST #2	TEST #3
INITIAL PRESSURE	<u>1550</u> PSIG	PSIG	PSIG
END OF TEST PRESSURE	<u>1550</u> PSIG	PSIG	PSIG

CASING/TUBING	ANNULUS	TUBING	TUBING
0 MINUTES	<u>1197.7</u> PSIG	<u>1549</u> PSIG	PSIG
5 MINUTES	<u>1196</u> PSIG	<u>1550</u> PSIG	PSIG
10 MINUTES	<u>1195.1</u> PSIG	<u>1550</u> PSIG	PSIG
15 MINUTES	<u>1194.4</u> PSIG	<u>1550</u> PSIG	PSIG
20 MINUTES	<u>1193.9</u> PSIG	<u>1549</u> PSIG	PSIG
25 MINUTES	<u>1193.4</u> PSIG	<u>1550</u> PSIG	PSIG
30 MINUTES	<u>1193</u> PSIG	<u>1549</u> PSIG	PSIG
MINUTES	PSIG	PSIG	PSIG
MINUTES	PSIG	PSIG	PSIG

RESULT	<input checked="" type="checkbox"/> PASS <input type="checkbox"/> FAIL	<input type="checkbox"/> PASS <input type="checkbox"/> FAIL	<input type="checkbox"/> PASS <input type="checkbox"/> FAIL
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DOES THE ANNULUS PRESSURE BUILD BACK UP AFTER THE TEST?     YES     NO

## MIDDLE FORK ENERGY UINT

WV 3G-8-8-22

JUNE 25, 2019

Date	Time	Casing Pressure	Tubing Pressure	Temp
6/25/2019	7:29:57	0	1550	66
6/25/2019	7:30:12	0		66
6/25/2019	7:30:27	0		66
6/25/2019	7:30:42	0		66
6/25/2019	7:30:57	0		66
6/25/2019	7:31:12	0		66
6/25/2019	7:31:27	0		66
6/25/2019	7:31:42	0		66
6/25/2019	7:31:57	0		66
6/25/2019	7:32:12	99.13		66
6/25/2019	7:32:27	239.32		66
6/25/2019	7:32:42	406.96		66
6/25/2019	7:32:57	394.59		66
6/25/2019	7:33:12	396.97		66
6/25/2019	7:33:27	393.68		66
6/25/2019	7:33:42	394.58		66
6/25/2019	7:33:57	393.51		66
6/25/2019	7:34:12	393.33		66
6/25/2019	7:34:27	392.98		66
6/25/2019	7:34:42	392.58		66
6/25/2019	7:34:57	392.13		66
6/25/2019	7:35:12	674.5		66
6/25/2019	7:35:27	1062.7		66
6/25/2019	7:35:42	1209		66
6/25/2019	7:35:57	1200.9		66
6/25/2019	7:36:12	1200.2		66
6/25/2019	7:36:27	1202.5		66
6/25/2019	7:36:42	1201.6		66
6/25/2019	7:36:57	1201.3		66
6/25/2019	7:37:12	1200.8		66
6/25/2019	7:37:27	1200.4		66
6/25/2019	7:37:42	1200		66
6/25/2019	7:37:57	1199.8		66
6/25/2019	7:38:12	1199.5		66
6/25/2019	7:38:27	1199.3		66
6/25/2019	7:38:42	1199.1		66
6/25/2019	7:38:57	1198.9		66
6/25/2019	7:39:12	1198.8		66
6/25/2019	7:39:27	1198.5		66
6/25/2019	7:39:42	1198.4		66
6/25/2019	7:39:57	1198.2		66
6/25/2019	7:40:12	1198.2		66
6/25/2019	7:40:27	1198		66
6/25/2019	7:40:42	1198.5		66
6/25/2019	7:40:57	1197.7	1549	66

## MIDDLE FORK ENERGY UINT

## WV 3G-8-8-22

JUNE 25, 2019

6/25/2019	7:41:12	1198		67
6/25/2019	7:41:27	1197.8		66
6/25/2019	7:41:42	1197.5		66
6/25/2019	7:41:57	1197.3		66
6/25/2019	7:42:12	1197.2		66
6/25/2019	7:42:27	1197.1		67
6/25/2019	7:42:42	1197		67
6/25/2019	7:42:57	1196.9		67
6/25/2019	7:43:12	1196.8		67
6/25/2019	7:43:27	1196.8		67
6/25/2019	7:43:42	1196.8		67
6/25/2019	7:43:57	1196.6		67
6/25/2019	7:44:12	1196.6		67
6/25/2019	7:44:27	1196.5		67
6/25/2019	7:44:42	1196.4		67
6/25/2019	7:44:57	1196.4		67
6/25/2019	7:45:12	1196.4		67
6/25/2019	7:45:27	1196.2		67
6/25/2019	7:45:42	1196.2		67
6/25/2019	7:45:57	1196.1		67
6/25/2019	7:46:12	1196	1550	67
6/25/2019	7:46:27	1196.1		67
6/25/2019	7:46:42	1196		67
6/25/2019	7:46:57	1195.9		67
6/25/2019	7:47:12	1195.9		67
6/25/2019	7:47:27	1196		67
6/25/2019	7:47:42	1195.8		67
6/25/2019	7:47:57	1195.7		67
6/25/2019	7:48:12	1195.7		67
6/25/2019	7:48:27	1195.5		67
6/25/2019	7:48:42	1195.5		67
6/25/2019	7:48:57	1195.6		67
6/25/2019	7:49:12	1195.3		67
6/25/2019	7:49:27	1196		67
6/25/2019	7:49:42	1195.4		67
6/25/2019	7:49:57	1195.4		67
6/25/2019	7:50:12	1195.3		67
6/25/2019	7:50:27	1195.3		67
6/25/2019	7:50:42	1195.2		67
6/25/2019	7:50:57	1195		67
6/25/2019	7:51:12	1195.2		67
6/25/2019	7:51:27	1195.1	1550	67
6/25/2019	7:51:42	1195.1		67
6/25/2019	7:51:57	1195		67
6/25/2019	7:52:12	1195		67
6/25/2019	7:52:27	1195		67
6/25/2019	7:52:42	1194.9		67

## MIDDLE FORK ENERGY UINT

## WV 3G-8-8-22

JUNE 25, 2019

6/25/2019	7:52:57	1194.9		67
6/25/2019	7:53:12	1194.9		67
6/25/2019	7:53:27	1194.9		67
6/25/2019	7:53:42	1194.9		67
6/25/2019	7:53:57	1194.8		67
6/25/2019	7:54:12	1194.7		67
6/25/2019	7:54:27	1194.7		67
6/25/2019	7:54:42	1194.6		67
6/25/2019	7:54:57	1194.6		67
6/25/2019	7:55:12	1194.7		67
6/25/2019	7:55:27	1194.5		67
6/25/2019	7:55:42	1194.3		67
6/25/2019	7:55:57	1194.3		67
6/25/2019	7:56:12	1194.5		67
6/25/2019	7:56:27	1194.4	1550	67
6/25/2019	7:56:42	1194.4		67
6/25/2019	7:56:57	1194.3		67
6/25/2019	7:57:12	1194.5		67
6/25/2019	7:57:27	1194.4		67
6/25/2019	7:57:42	1194.6		67
6/25/2019	7:57:57	1194.9		67
6/25/2019	7:58:12	1194		67
6/25/2019	7:58:27	1194.2		67
6/25/2019	7:58:42	1194.1		67
6/25/2019	7:58:57	1194.1		67
6/25/2019	7:59:12	1194.2		67
6/25/2019	7:59:27	1194.1		67
6/25/2019	7:59:42	1194		67
6/25/2019	7:59:57	1194.1		67
6/25/2019	8:00:12	1194		67
6/25/2019	8:00:27	1194.1		67
6/25/2019	8:00:42	1194		67
6/25/2019	8:00:57	1193.9		67
6/25/2019	8:01:12	1194		67
6/25/2019	8:01:27	1193.9		67
6/25/2019	8:01:42	1194		67
6/25/2019	8:01:57	1194		67
6/25/2019	8:02:12	1193.9	1549	67
6/25/2019	8:02:27	1193.9		67
6/25/2019	8:02:42	1193.8		67
6/25/2019	8:02:57	1193.8		67
6/25/2019	8:03:12	1193.8		67
6/25/2019	8:03:27	1193.7		67
6/25/2019	8:03:42	1193.7		67
6/25/2019	8:03:57	1193.7		67
6/25/2019	8:04:12	1193.6		67
6/25/2019	8:04:27	1193.6		67

## MIDDLE FORK ENERGY UINT

## WV 3G-8-8-22

JUNE 25, 2019

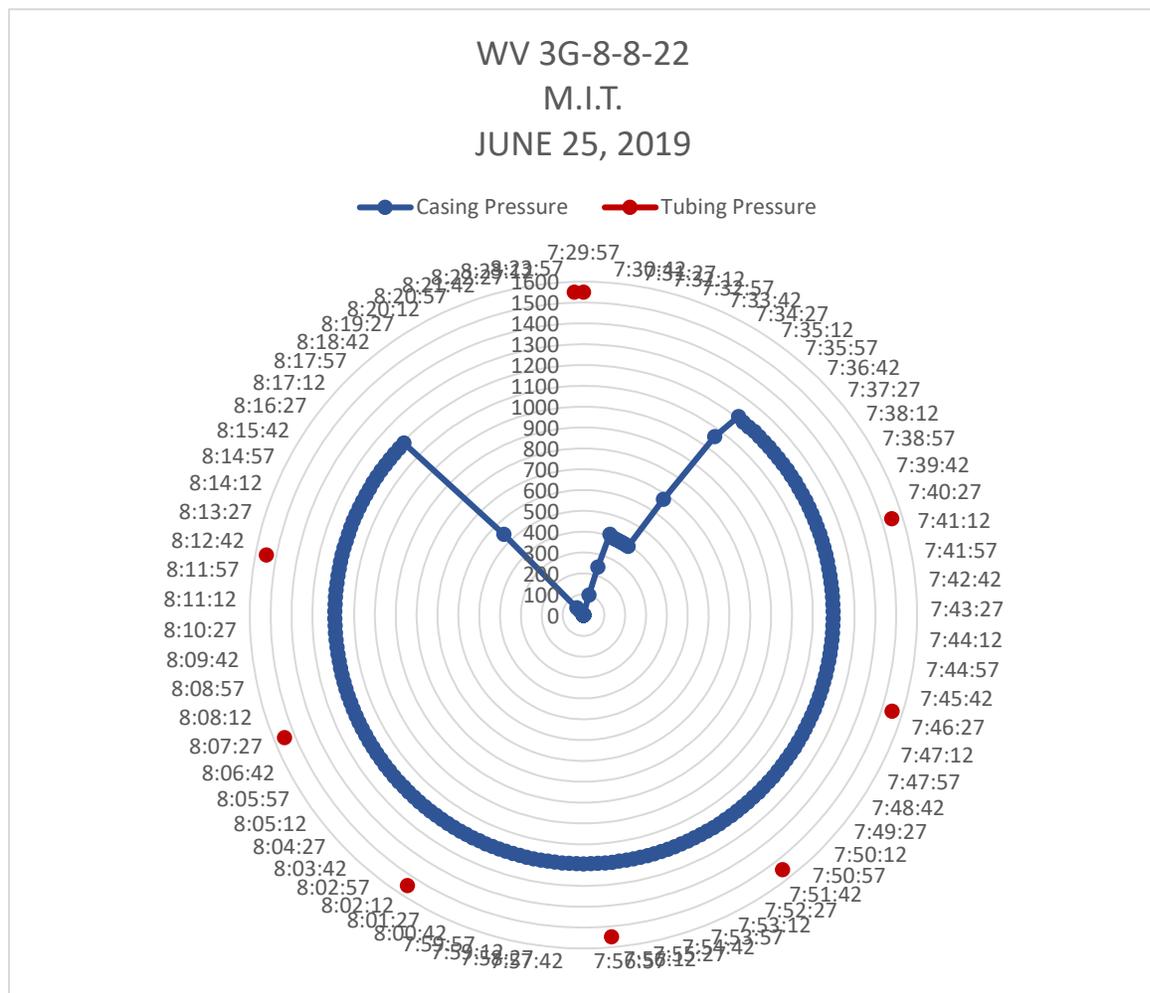
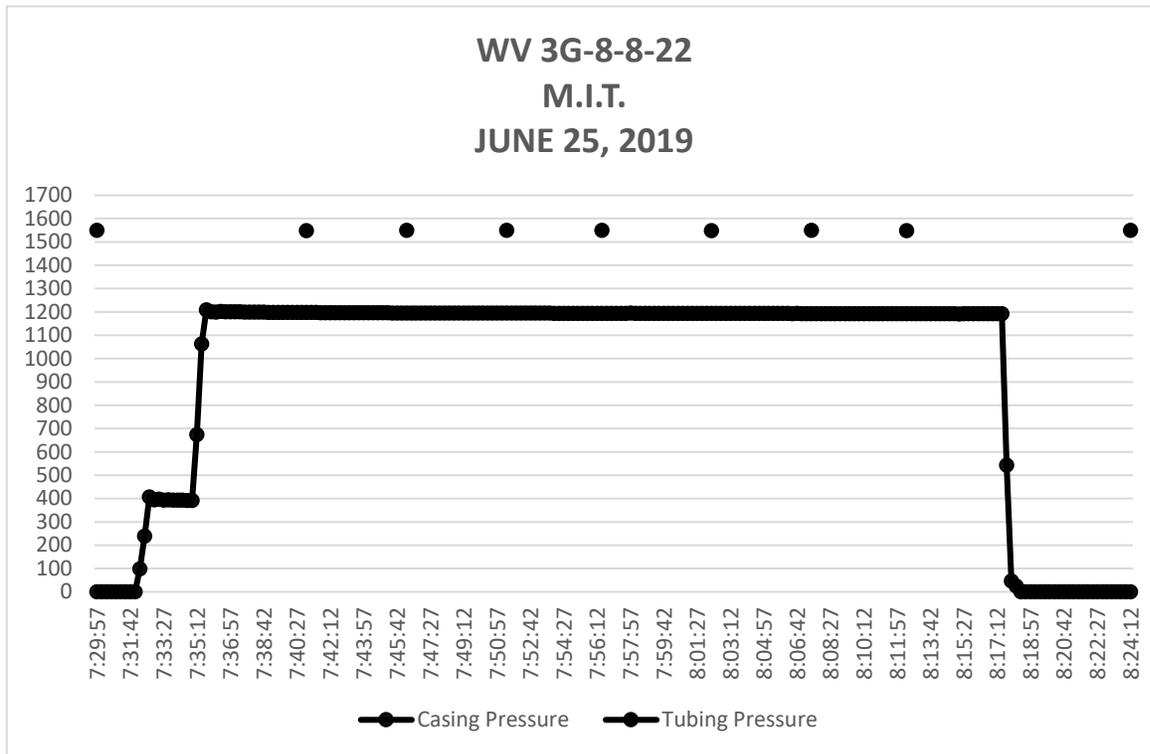
6/25/2019	8:04:42	1193.6		67
6/25/2019	8:04:57	1193.5		67
6/25/2019	8:05:12	1193.5		67
6/25/2019	8:05:27	1193.5		67
6/25/2019	8:05:42	1193.6		67
6/25/2019	8:05:57	1193.6		67
6/25/2019	8:06:12	1193.8		67
6/25/2019	8:06:27	1193.4		67
6/25/2019	8:06:42	1193.5		67
6/25/2019	8:06:57	1193.4		67
6/25/2019	8:07:12	1193.4		67
6/25/2019	8:07:27	1193.4	1550	67
6/25/2019	8:07:42	1193.4		67
6/25/2019	8:07:57	1193.3		67
6/25/2019	8:08:12	1193.3		67
6/25/2019	8:08:27	1193.3		67
6/25/2019	8:08:42	1193.3		67
6/25/2019	8:08:57	1193.2		67
6/25/2019	8:09:12	1193.1		67
6/25/2019	8:09:27	1193.2		67
6/25/2019	8:09:42	1193		67
6/25/2019	8:09:57	1193		67
6/25/2019	8:10:12	1193.1		67
6/25/2019	8:10:27	1193		68
6/25/2019	8:10:42	1193.1		67
6/25/2019	8:10:57	1193		68
6/25/2019	8:11:12	1193.1		67
6/25/2019	8:11:27	1193		67
6/25/2019	8:11:42	1193.1		68
6/25/2019	8:11:57	1193		68
6/25/2019	8:12:12	1192.9		68
6/25/2019	8:12:27	1193	1549	68
6/25/2019	8:12:42	1192.5		68
6/25/2019	8:12:57	1192.7		68
6/25/2019	8:13:12	1192.6		68
6/25/2019	8:13:27	1192.2		68
6/25/2019	8:13:42	1192.9		68
6/25/2019	8:13:57	1192.9		68
6/25/2019	8:14:12	1192.9		68
6/25/2019	8:14:27	1192.9		68
6/25/2019	8:14:42	1192.8		68
6/25/2019	8:14:57	1192.8		68
6/25/2019	8:15:12	1192		68
6/25/2019	8:15:27	1192.5		68
6/25/2019	8:15:42	1192.9		68
6/25/2019	8:15:57	1192.8		68
6/25/2019	8:16:12	1192.7		68

## MIDDLE FORK ENERGY UINT

## WV 3G-8-8-22

JUNE 25, 2019

6/25/2019	8:16:27	1192.8		68
6/25/2019	8:16:42	1192.6		68
6/25/2019	8:16:57	1192.6		68
6/25/2019	8:17:12	1192.6		68
6/25/2019	8:17:27	1192.6		68
6/25/2019	8:17:42	543.6		68
6/25/2019	8:17:57	46.369		68
6/25/2019	8:18:12	25.148		68
6/25/2019	8:18:27	0		68
6/25/2019	8:18:42	0		68
6/25/2019	8:18:57	0		68
6/25/2019	8:19:12	0		68
6/25/2019	8:19:27	0		68
6/25/2019	8:19:42	0		68
6/25/2019	8:19:57	0		68
6/25/2019	8:20:12	0		68
6/25/2019	8:20:27	0		68
6/25/2019	8:20:42	0		68
6/25/2019	8:20:57	0		68
6/25/2019	8:21:12	0		68
6/25/2019	8:21:27	0		68
6/25/2019	8:21:42	0		68
6/25/2019	8:21:57	0		68
6/25/2019	8:22:12	0		68
6/25/2019	8:22:27	0		68
6/25/2019	8:22:42	0		68
6/25/2019	8:22:57	0		68
6/25/2019	8:23:12	0		68
6/25/2019	8:23:27	0		68
6/25/2019	8:23:42	0		68
6/25/2019	8:23:57	0		68
6/25/2019	8:24:12	0	1550	68



<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>  <b>5.LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-022158																														
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>6. IF TRIBAL, ALLOTTEE OR TRIBE NAME:</b>  <b>7.UNIT or CA AGREEMENT NAME:</b> WONSITS VALLEY																														
<b>1. TYPE OF WELL</b> Water Injection Well	<b>8. WELL NAME and NUMBER:</b> WV 3G-8-8-22																															
<b>2. NAME OF OPERATOR:</b> Middle Fork Energy Uinta, LLC	<b>9. API NUMBER:</b> 43047345960000																															
<b>3. ADDRESS OF OPERATOR:</b> 1401 Wynkoop Street, Suite 300 , Denver, CO, 80202	<b>PHONE NUMBER:</b>	<b>9. FIELD and POOL or WILDCAT:</b> WONSITS VALLEY																														
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 730 FNL 2021 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NENW Section: 8 Township: 8S Range: 22E Meridian: S	<b>COUNTY:</b> UINTAH  <b>STATE:</b> UTAH																															
<b>11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA</b>																																
<b>TYPE OF SUBMISSION</b>	<b>TYPE OF ACTION</b>																															
<input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: 10/5/2023  <input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:  <input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:  <input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:	<table style="width: 100%; border: none;"> <tr> <td style="width: 33%; border: none;"><input type="checkbox"/> ACIDIZE</td> <td style="width: 33%; border: none;"><input type="checkbox"/> ALTER CASING</td> <td style="width: 33%; border: none;"><input type="checkbox"/> CASING REPAIR</td> </tr> <tr> <td style="border: none;"><input type="checkbox"/> CHANGE TO PREVIOUS PLANS</td> <td style="border: none;"><input type="checkbox"/> CHANGE TUBING</td> <td style="border: none;"><input type="checkbox"/> CHANGE WELL NAME</td> </tr> <tr> <td style="border: none;"><input checked="" type="checkbox"/> CHANGE WELL STATUS</td> <td style="border: none;"><input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS</td> <td style="border: none;"><input type="checkbox"/> CONVERT WELL TYPE</td> </tr> <tr> <td style="border: none;"><input type="checkbox"/> DEEPEN</td> <td style="border: none;"><input type="checkbox"/> FRACTURE TREAT</td> <td style="border: none;"><input type="checkbox"/> NEW CONSTRUCTION</td> </tr> <tr> <td style="border: none;"><input type="checkbox"/> OPERATOR CHANGE</td> <td style="border: none;"><input type="checkbox"/> PLUG AND ABANDON</td> <td style="border: none;"><input type="checkbox"/> PLUG BACK</td> </tr> <tr> <td style="border: none;"><input type="checkbox"/> PRODUCTION START OR RESUME</td> <td style="border: none;"><input type="checkbox"/> RECLAMATION OF WELL SITE</td> <td style="border: none;"><input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION</td> </tr> <tr> <td style="border: none;"><input type="checkbox"/> REPERFORATE CURRENT FORMATION</td> <td style="border: none;"><input type="checkbox"/> SIDETRACK TO REPAIR WELL</td> <td style="border: none;"><input type="checkbox"/> TEMPORARY ABANDON</td> </tr> <tr> <td style="border: none;"><input type="checkbox"/> TUBING REPAIR</td> <td style="border: none;"><input type="checkbox"/> VENT OR FLARE</td> <td style="border: none;"><input type="checkbox"/> WATER DISPOSAL</td> </tr> <tr> <td style="border: none;"><input type="checkbox"/> WATER SHUTOFF</td> <td style="border: none;"><input type="checkbox"/> SI TA STATUS EXTENSION</td> <td style="border: none;"><input type="checkbox"/> APD EXTENSION</td> </tr> <tr> <td style="border: none;"><input type="checkbox"/> WILDCAT WELL DETERMINATION</td> <td style="border: none;"><input type="checkbox"/> OTHER</td> <td style="border: none;">OTHER: <input style="width: 100px;" type="text"/></td> </tr> </table>		<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME	<input checked="" type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>
<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR																														
<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME																														
<input checked="" type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE																														
<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION																														
<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK																														
<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION																														
<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON																														
<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL																														
<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION																														
<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>																														
<b>12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.</b> Please be advised that on October 5, 2023, Middle Fork Energy observed a pressure increase on the WV 3G-8-8-22 injection. MFEU intends to identify the issue and perform wellwork to mitigate the failure. Upon completion, MFEU will conduct an MIT on the well to ensure that the issue was resolved. Please see attached and update the well status accordingly.																																
		<b>Accepted by the          Utah Division of          Oil, Gas and Mining</b>  <b>Date:</b> <u>October 27, 2023</u>  <b>By:</b> <u>Richard Powell</u>																														
<b>NAME (PLEASE PRINT)</b> Sandee Pummell	<b>PHONE NUMBER</b> 4358288182	<b>TITLE</b> Staff Regulatory Analyst																														
<b>SIGNATURE</b> N/A	<b>DATE</b> 10/10/2023																															



MIDDLE FORK  
ENERGY  
UINTA, LLC

October 6, 2023

U.S. Environmental Protection Agency, Region 8  
1595 Wynkoop Street  
Denver, CO 80202-1129

**Attn: Nathan Wisner**

RE: Casing Pressure Increase/Proposed Remediation  
**WV 3G-8-8-22**  
UIC# UT20954-06195  
API# 43-047-34596  
Location: Sec. 8, T8S, R22E, Uintah County, UT

Dear Mr. Wisner,

Please be advised on Thursday, October 5, 2023, Middle Fork Energy Uinta, LLC (MFEU) observed an increase in casing pressure on the above captioned WV 3G-8-8-22 injection well. In response to the casing pressure increase, the well was shut-in immediately.

MFEU intends to address the issue by identifying the issue and performing wellwork to mitigate the failure. Upon completion, MFEU will conduct an MIT on the well to ensure that the issue was resolved; followed by a request to resume injection from EPA.

Please consider this letter as the formal 24-hour notification of the pressure increase, in addition to fulfilling the required follow-up written remedial action plan.

If you have any additional questions or concerns, please don't hesitate to contact me direct at (435) 383.2344, or via email at [sandee.pummell@kodares.com](mailto:sandee.pummell@kodares.com)

Sincerely,

A handwritten signature in blue ink that reads "Sandee Pummell".

Sandee Pummell  
Staff Regulatory Analyst

Enclosures:

cc:	Utah Division of Oil Gas and Mining 1594 West North Temple, Suite 1210 P.O. Box 145801 Salt Lake City, UT 84114-5801	Bureau of Land Management Vernal Field Office 170 South 500 East Vernal, UT 84078
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<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>  <b>5.LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-022158
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<b>1. TYPE OF WELL</b> Water Injection Well	<b>8. WELL NAME and NUMBER:</b> WV 3G-8-8-22	
<b>2. NAME OF OPERATOR:</b> Middle Fork Energy Uinta, LLC	<b>9. API NUMBER:</b> 43047345960000	
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11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
<b>TYPE OF SUBMISSION</b>	<b>TYPE OF ACTION</b>	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 9/23/2023	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION	
<input type="checkbox"/> DRILLING REPORT Report Date:	<input checked="" type="checkbox"/> OTHER	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. Please be advised the WV 3G-8-8-22 injection well resumed injection on September 23, 2023. See attached MIT and permission to resume injection. Please update the well status accordingly.		
<b>Accepted by the          Utah Division of          Oil, Gas and Mining          FOR RECORD ONLY          (This is not an approval)          January 09, 2024</b>		
<b>NAME (PLEASE PRINT)</b> Sandee Pummell	<b>PHONE NUMBER</b> 4358288182	<b>TITLE</b> Staff Regulatory Analyst
<b>SIGNATURE</b> N/A	<b>DATE</b> 9/27/2023	



MIDDLE FORK  
ENERGY  
UINTA, LLC

August 28, 2023

U.S. Environmental Protection Agency, Region 8  
1595 Wynkoop Street  
Denver, CO 80202-1129

**Attn: Nathan Wisner**

RE: **Request to Resume Injection**  
**WV 3G-8-8-22**  
UIC# UT20954-06195  
API# 43-047-34596  
Location: Sec. 8, T8S, R22E, Uintah County, UT

Dear Mr. Wisner,

On Wednesday, June 14, 2023, Middle Fork Energy Uinta, LLC (Middle Fork) observed an increase in casing pressure on the above captioned WV 3g-8-8-22 injection well. The Environmental Protection Agency was notified of the pressure increase via email and a written letter on June 14, 2023.

To rectify the issue, Middle Fork removed and replaced packer, and 2 joints of tubing in wellbore. On Friday, August 25, 2023, the well passed a successful Mechanical Integrity Test. Enclosed please find a Pressure Test Chart and a Casing or Annulus Pressure Test form recorded from the test. Also enclosed is a Daily Workover Report along with a well schematic showing the current well configuration.

**Middle Fork respectfully requests permission to resume injection on the above captioned WV 3G-8-8-22 injection well.**

Should you need any additional information at this time, please don't hesitate to contact me direct at (435) 383-2344, or via email at [sandee.pummell@kodaresh.com](mailto:sandee.pummell@kodaresh.com)

Sincerely,

A handwritten signature in blue ink that reads "Sandee Pummell".

Sandee Pummell  
Staff Regulatory Analyst

Enclosures: MIT Casing or Annulus Pressure Test Form  
MIT Results Spreadsheet with Pressure Test Chart  
Daily Workover Report  
Well Schematic

cc:	Utah Division of Oil Gas and Mining 1594 West North Temple, Suite 1210 P.O. Box 145801 Salt Lake City, UT 84114-5801	Bureau of Land Management Vernal Field Office 170 South 500 East Vernal, UT 84078
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## MECHANICAL INTEGRITY TEST CASING OR ANNULUS PRESSURE TEST

U.S. ENVIRONMENTAL PROTECTION AGENCY  
UNDERGROUND INJECTION CONTROL PROGRAM, UIC IMPLEMENTATION SECTION (8P-W-GW)  
999 18TH STREET, SUITE 300, DENVER, CO. 80202-2466

UDOGM WITNESS: None DATE: 8/25/2023 TIME: 16:00  AM  PM

TEST CONDUCTED BY: Greg Meeks Koda Resources

OTHERS PRESENT: Travis Williams Koda Consultant

API NUMBER- 43-047-34596 EPA ID NUMBER- UT20954-06195

WELL NAME: <u>WV 3G-8-8-22</u>	TYPE: <input type="checkbox"/> ER <input checked="" type="checkbox"/> SWD	STATUS: <input checked="" type="checkbox"/> AC <input type="checkbox"/> TA <input type="checkbox"/> UC
FIELD: <u>WONSITS VALLEY</u>	LEASE: <u>UTU022158</u>	
	UNIT: <u>8910084820</u>	
WELL LOCATION: <u>NE/4, NW/4, SEC 8, T8</u> <input type="checkbox"/> N <input checked="" type="checkbox"/> S	<u>R22</u> <input checked="" type="checkbox"/> E <input type="checkbox"/> W	COUNTY: <u>UINTAH</u> STATE: <u>UTAH</u>
OPERATOR: <u>QEP ENERGY COMPANY</u>		
LAST MIT: <u>6/25/2019</u>	MAXIMUM ALLOWABLE PRESSURE: <u>1600</u> PSIG	

IS THIS A REGULAR SCHEDULED TEST?  YES  NO

INITIAL TEST FOR PERMIT?  YES  NO

TEST AFTER WELL WORK?  YES  NO

WELL INJECTING DURING TEST?  YES  NO IF YES, RATE: 0 BPD

PRE-TEST CASING/TUBING ANNULUS PRESSURE: 0 :PSIG

MIT DATA TABLE TUBING	TEST #1 PRESSURE	TEST #2	TEST #3
INITIAL PRESSURE	<u>0</u> PSIG	PSIG	PSIG
END OF TEST PRESSURE	<u>0</u> PSIG	PSIG	PSIG

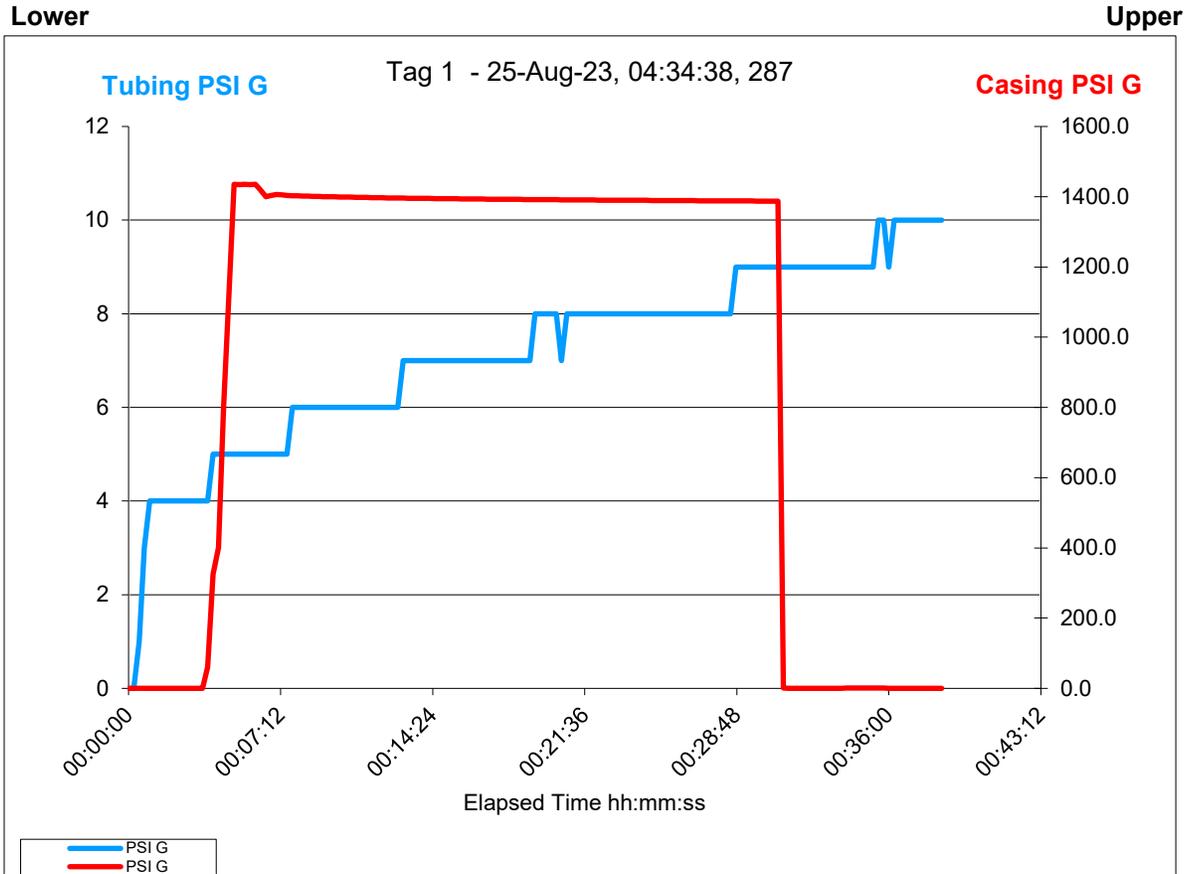
CASING/TUBING	ANNULUS	TUBING	
0 MINUTES	<u>0</u> PSIG	<u>5</u> PSIG	PSIG
5 MINUTES	<u>1435</u> PSIG	<u>6</u> PSIG	PSIG
10 MINUTES	<u>1399</u> PSIG	<u>7</u> PSIG	PSIG
15 MINUTES	<u>1394</u> PSIG	<u>8</u> PSIG	PSIG
20 MINUTES	<u>1391.5</u> PSIG	<u>9</u> PSIG	PSIG
25 MINUTES	<u>1389.4</u> PSIG	<u>9</u> PSIG	PSIG
30 MINUTES	<u>1387.5</u> PSIG	<u>9</u> PSIG	PSIG
MINUTES	<u>0</u> PSIG	<u>10</u> PSIG	PSIG
MINUTES	<u>0</u> PSIG	PSIG	PSIG

RESULT  PASS  FAIL  PASS  FAIL  PASS  FAIL

DOES THE ANNULUS PRESSURE BUILD BACK UP AFTER THE TEST?  YES  NO

## Data Collection Report

	Chassis	Left Scale	Right Scale
Serial Number	156509	155137	159953
Datatype		Lower	Upper
Units		PSI G	PSI G



	Chassis	Lower Module	Upper Module	BARO Module	Left Scale	Right Scale
Serial Number	156509	155137	159953		155137	159953
Model	NV	10KPSI	3KPSI			
Message Store	FRAGILE <input type="checkbox"/> KEEP CLEAN					
Userspan		1.00000	1.00000			
Offset						
Datatype					Lower	Upper
Units		PSI G	PSI G		PSI G	PSI G
Tare						
Average						
User Factor						
User Offset						
User Resolution						
Firmware Version	R080016	XX.RXXXX	R090009			
Calibration Due		20-Jun-24	29-Mar-24			
Run Index	0					
Run Start Time			25-Aug-23/16:00:38			
Run Duration			38 minutes 30 seconds			
Run Tag			Tag 1			
Logging Interval	15.0					

Data Points				
Point #	Time	Left - PSI G	Right - PSI G	
1	00:00:00.0	0	0.3	
2	00:00:15.0	0	0.3	
3	00:00:30.0	1	0.2	
4	00:00:45.0	3	0.5	
5	00:01:00.0	4	0.3	
6	00:01:15.0	4	0.3	
7	00:01:30.0	4	0.3	
8	00:01:45.0	4	0.3	
9	00:02:00.0	4	0.3	
10	00:02:15.0	4	0.3	

11	00:02:30.0	4	0.3
12	00:02:45.0	4	0.3
13	00:03:00.0	4	0.3
14	00:03:15.0	4	0.3
15	00:03:30.0	4	0.3
16	00:03:45.0	4	61.2
17	00:04:00.0	5	325.4
18	00:04:15.0	5	400.3
19	00:04:30.0	5	800.1
20	00:04:45.0	5	1125.0
21	00:05:00.0	5	1435.3
22	00:05:15.0	5	1434.6
23	00:05:30.0	5	1435.1
24	00:05:45.0	5	1434.2
25	00:06:00.0	5	1435.3
26	00:06:15.0	5	1418.7
27	00:06:30.0	5	1400.2
28	00:06:45.0	5	1404.0
29	00:07:00.0	5	1406.2
30	00:07:15.0	5	1405.6
31	00:07:30.0	5	1403.8
32	00:07:45.0	6	1403.0
33	00:08:00.0	6	1402.6
34	00:08:15.0	6	1402.1
35	00:08:30.0	6	1401.6
36	00:08:45.0	6	1401.1
37	00:09:00.0	6	1400.8
38	00:09:15.0	6	1400.3
39	00:09:30.0	6	1399.9
40	00:09:45.0	6	1399.5
41	00:10:00.0	6	1399.2
42	00:10:15.0	6	1398.9
43	00:10:30.0	6	1398.7
44	00:10:45.0	6	1398.3
45	00:11:00.0	6	1398.0
46	00:11:15.0	6	1397.8
47	00:11:30.0	6	1397.5

48	00:11:45.0	6	1397.2
49	00:12:00.0	6	1396.9
50	00:12:15.0	6	1396.7
51	00:12:30.0	6	1396.5
52	00:12:45.0	6	1396.2
53	00:13:00.0	7	1396.0
54	00:13:15.0	7	1395.8
55	00:13:30.0	7	1395.6
56	00:13:45.0	7	1395.3
57	00:14:00.0	7	1395.2
58	00:14:15.0	7	1395.0
59	00:14:30.0	7	1394.7
60	00:14:45.0	7	1394.6
61	00:15:00.0	7	1394.4
62	00:15:15.0	7	1394.3
63	00:15:30.0	7	1394.1
64	00:15:45.0	7	1394.0
65	00:16:00.0	7	1393.7
66	00:16:15.0	7	1393.6
67	00:16:30.0	7	1393.4
68	00:16:45.0	7	1393.3
69	00:17:00.0	7	1393.1
70	00:17:15.0	7	1393.0
71	00:17:30.0	7	1392.9
72	00:17:45.0	7	1392.7
73	00:18:00.0	7	1392.5
74	00:18:15.0	7	1392.4
75	00:18:30.0	7	1392.3
76	00:18:45.0	7	1392.1
77	00:19:00.0	7	1392.0
78	00:19:15.0	8	1391.8
79	00:19:30.0	8	1391.7
80	00:19:45.0	8	1391.7
81	00:20:00.0	8	1391.5
82	00:20:15.0	8	1391.4
83	00:20:30.0	7	1391.2
84	00:20:45.0	8	1391.1

85	00:21:00.0	8	1391.0
86	00:21:15.0	8	1391.0
87	00:21:30.0	8	1390.8
88	00:21:45.0	8	1390.7
89	00:22:00.0	8	1390.6
90	00:22:15.0	8	1390.4
91	00:22:30.0	8	1390.3
92	00:22:45.0	8	1390.2
93	00:23:00.0	8	1390.1
94	00:23:15.0	8	1390.1
95	00:23:30.0	8	1390.0
96	00:23:45.0	8	1389.8
97	00:24:00.0	8	1389.8
98	00:24:15.0	8	1389.6
99	00:24:30.0	8	1389.6
100	00:24:45.0	8	1389.4
101	00:25:00.0	8	1389.4
102	00:25:15.0	8	1389.3
103	00:25:30.0	8	1389.2
104	00:25:45.0	8	1389.1
105	00:26:00.0	8	1389.0
106	00:26:15.0	8	1388.9
107	00:26:30.0	8	1388.8
108	00:26:45.0	8	1388.7
109	00:27:00.0	8	1388.6
110	00:27:15.0	8	1388.5
111	00:27:30.0	8	1388.4
112	00:27:45.0	8	1388.3
113	00:28:00.0	8	1388.2
114	00:28:15.0	8	1388.1
115	00:28:30.0	8	1388.0
116	00:28:45.0	9	1387.9
117	00:29:00.0	9	1387.9
118	00:29:15.0	9	1387.7
119	00:29:30.0	9	1387.7
120	00:29:45.0	9	1387.6
121	00:30:00.0	9	1387.5

122	00:30:15.0	9	1387.5
123	00:30:30.0	9	1387.3
124	00:30:45.0	9	1387.3
125	00:31:00.0	9	0.6
126	00:31:15.0	9	0.4
127	00:31:30.0	9	0.5
128	00:31:45.0	9	0.4
129	00:32:00.0	9	0.4
130	00:32:15.0	9	0.5
131	00:32:30.0	9	0.4
132	00:32:45.0	9	0.4
133	00:33:00.0	9	0.4
134	00:33:15.0	9	0.4
135	00:33:30.0	9	0.5
136	00:33:45.0	9	0.4
137	00:34:00.0	9	0.6
138	00:34:15.0	9	0.6
139	00:34:30.0	9	0.7
140	00:34:45.0	9	0.7
141	00:35:00.0	9	0.7
142	00:35:15.0	9	0.7
143	00:35:30.0	10	0.6
144	00:35:45.0	10	0.6
145	00:36:00.0	9	0.4
146	00:36:15.0	10	0.5
147	00:36:30.0	10	0.4
148	00:36:45.0	10	0.4
149	00:37:00.0	10	0.5
150	00:37:15.0	10	0.4
151	00:37:30.0	10	0.4
152	00:37:45.0	10	0.4
153	00:38:00.0	10	0.4
154	00:38:15.0	10	0.5
155	00:38:30.0	10	0.4



## Daily Workover

Well Name: WV 3G-8-8-22

Report # 2.0, Report Date: 8/25/2023

API/UWI 4304734596	Surface Legal Location S8-T8S-R22E	Field Name WONSITS VALLEY	License #	State/Province UTAH	Well Configuration Type VERTICAL
Original KB Elevation (ft) 5,140.00	KB-Tubing Head Distance (ft) 5,140.00	Spud Date 10/30/2002 00:00	Rig Release Date 11/2/2002 11:30	PBTD (All) (ftKB)	Total Depth All (TVD) (ftKB)

Primary Job Type LOE	Job Category PRODUCTION		
AFE Number	Total AFE + Supp Amount (Cost)	Daily Field Est Total (Cost)	Cum Field Est To Date (Cost)
		\$15,897	\$32,947

Status at Reporting Time

## Operations Summary

Travel to. SM. SITP=150, SICP=300. Bleed well off. Roll hole clean w/ 140 bbl. RIH w/ broach to SN. Note had to work from 2100'-2350'. TOO. MU 5 1/2" AS1X PKR. RU hydro testing equip. TIH hydro testing tbg to 5800 #psi. TIH w/ 50 joints & find pin hole w/ depth @4046.88'. Tally & LD joint. Tally & PU yellow band joint. Continue to TIH hydro testing. Blow hole in joint #92 pin hole w/ depth @3025'. Pump 98 bbl PKR chem. Set PKR 15k in comp. ND/NU well head. MIT test good. RDMO. Travel in

## Operations Next Report Period

Well shut in for EPA approval. Monday move rig &amp; equip to the GB 11-16-8-22

## Daily Contacts

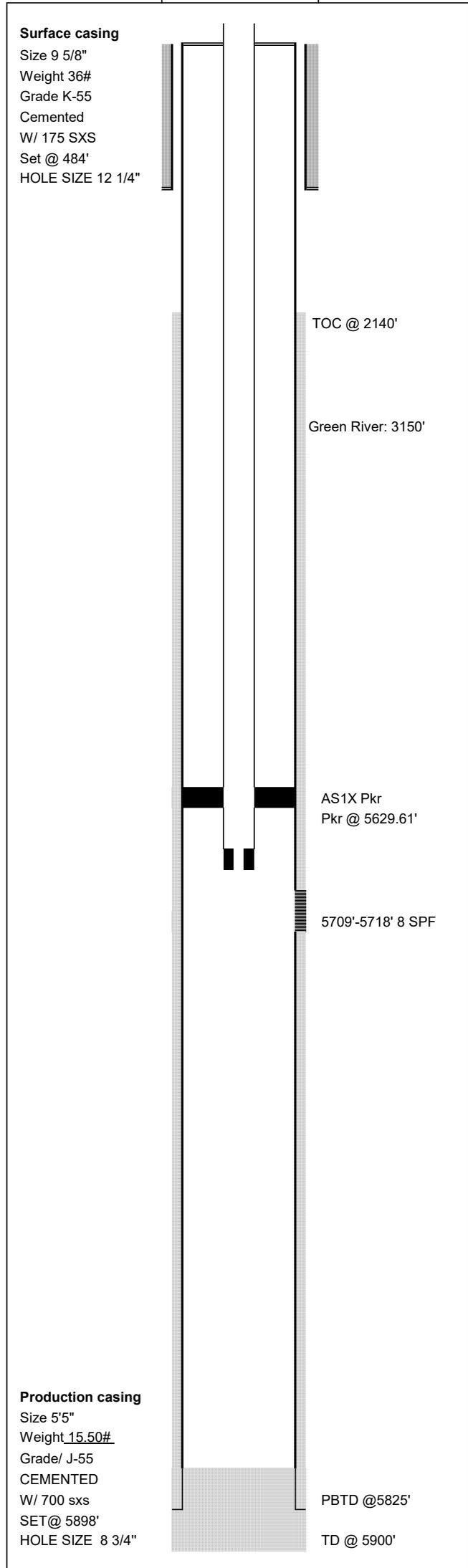
Job Contact	Title	Mobile
Bryan Cook, Artificial Lift	Artificial Lift	435-828-4327
Travis Williams, Rig Supervisor	Rig Supervisor	435-823-3640
Charles Westwood, Tool Pusher	Tool Pusher	435-549-9184

## Time Log

Start Time	End Time	Duration (hr)	Cum Dur (hr)	Comment
06:00	06:45	0.75	0.75	Travel to location
06:45	07:00	0.25	1.00	Safety meeting w/ ACR, Rig crew, Tool hand. Hold JSA on today's planned ops
07:00	08:00	1.00	2.00	Morning inspections. Check SITP=150, SICP=300. Bleed well off. RU rig pump to tbg. Set pump rate @ 4.9 bpm w/ 900 #psi getting RR of 4.9 bpm back. Roll hole clean w/ 140 bbl TFW
08:00	10:00	2.00	4.00	MU & RIH w/ 2.347 OD broach. Tag up on light scale down to 2100' & hit heavy scale down to 2350' then clean down to seat nipple. POOH LD broach
10:00	11:30	1.50	5.50	TOOH w/ 174 joints 2 7/8" J-55 tbg. LD 2 7/8" collar on bottom of seat nipple
11:30	14:30	3.00	8.50	MU Stack'd 5 1/2" AS1X PKR, 2 7/8" seat nipple new, RU hydro testing equip. TIH hydro testing tbg to 5800 #psi. TIH w/ 50 joints & find pin hole w/ depth @4046.88'. Tally & LD joint. Tally & PU yellow band joint. Continue to TIH hydro testing. Blow hole in joint #92 pin hole w/ depth @3025'. Tally & replace. Continue to TIH testing.
14:30	15:30	1.00	9.50	RU rig pump to casing. Set pump rate @ 2.1 bpm. Pump 98 bbl of TFW mixed w/ PKR chem.
15:30	16:30	1.00	10.50	Set PKR 15k in compression. Pack PKR by push/pull 25k. RD floor. ND bop. NU well head and land tbg w/ 21,400#. NU flow line
16:30	17:30	1.00	11.50	RU pump to casing. Run a 5 min 0# test. Pressure up to 1410# on casing tbg 5# & shut pump down. Wait 10 min to start 35 min test w/ 1385.6#. 5 min= 1382.2#, 10 min= 1379.5#, 15 min= 1377#, 20 min= 1374.5#, 25 min= 1372.5#, 30 min= 1370.3#, 35 min= 1367.2# w/ tbg 14#. Bleed casing off. Run 5 min negative test. Start w/ -13.1# after 5 min end w/ -15.3#. Shut well in
17:30	18:30	1.00	12.50	RD rig. Rack out pump & tanks. Clean up location. Turn well over to production. Final report
18:30	19:30	1.00	13.50	Travel to town. Shut down for weekend

<b>FIELD: WONSITS VALLEY</b>	GL: 5126' KBE: 5140'	
<b>WELL NAME: WV 3G-8-8-22</b>	TD:5900' PBTD: 5825'	Current Well Status: INJECTION
Location: NENW Sec 8, T8S, R22E Uintah County, Utah	<b>Reason for Pull/Workover:</b> Tubing Leak	

**Wellbore Schematic**



**Tubing Landing Detail:**

Description	Footage	Depth
KB	14.00	14
Compression	(1.58)	12.42
174 Jts, 2-7/8" 6.5# J-55	5609.14	5621.56
PSN	1.10	5622.66
AS 1X Pkr	6.95	5629.61
WL Reentry Guide	0.44	5630.05
	<b>EOT</b>	5630.05

**Wellhead Detail:**

7 1/16" 5000#

**SUMMARY**

8/23/23: Acidize and broach scale in tbg. LD 2 bad jts. Set PKR, land tbg, MIT.



**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
REGION 8**

1595 Wynkoop Street  
Denver, Colorado 80202-1129  
Phone 800-227-8917  
[www.epa.gov/region8](http://www.epa.gov/region8)

Ref: 8ENF-W-SD

**September 22, 2023**

**SENT VIA EMAIL**  
**RETURN RECEIPT REQUESTED**

Sandee Pummell, Staff Regulatory Analyst  
Middle Fork Energy Uinta, LLC (Permittee)  
11002 East 17500 South  
Vernal, Utah 84078  
[sandee.pummell@kodaresh.com](mailto:sandee.pummell@kodaresh.com)

Re: Underground Injection Control (UIC); Permission to Resume Injection for the WV #3G-8-8-22 Well (EPA Permit UT20954-06195, API 43-047-34596) – Wonsits Valley Field, Uintah County, Utah

Dear Sandee Pummell:

On August 30, 2023, the U.S. Environmental Protection Agency received information from the Permittee about the injection well subject to the above-referenced injection well permit (the Permit) concerning the workover to replace two leaking tubing joints and the follow-up internal mechanical integrity test (MIT) conducted on August 25, 2023. The data submitted shows that the well passed the required MIT. Therefore, pursuant to part II.B.4 of the Permit, permission to resume injection is granted. Under continuous service, the next internal MIT will be due on or before August 25, 2028.

Any failure to comply with a UIC permit is subject to enforcement by the EPA, as provided in section 1423 of the Safe Drinking Water Act, 42 U.S.C. § 300h-2.

If you have any questions about this letter, please contact me by telephone at (303) 312-6211, or email at [wiser.nathan@epa.gov](mailto:wiser.nathan@epa.gov). Please direct all U.S. mail in this matter to my attention at Mail Code 8ENF-W-SD.

Sincerely,

Nathan Wiser, UIC Program  
Safe Drinking Water Enforcement Branch  
Enforcement and Compliance Assurance Division

cc:

Julius Murray, Chairman  
Uintah & Ouray Business Committee  
[juliusm@utetribes.com](mailto:juliusm@utetribes.com)

Christopher Tabbee, Vice-Chairman  
Uintah & Ouray Business Committee  
[christ@utetribes.com](mailto:christ@utetribes.com)

Mike Natchees, Councilman  
Uintah & Ouray Business Committee  
[miken@utetribes.com](mailto:miken@utetribes.com)

Luke Duncan, Councilman  
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[luked@utetribes.com](mailto:luked@utetribes.com)

Cleveland Murray, Councilman  
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Emmett Duncan, Sr., Councilman  
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[emmettd@utetribes.com](mailto:emmettd@utetribes.com)

Lelila Longhair, Executive Director  
Uintah & Ouray Business Committee  
[llonghair@utetribes.com](mailto:llonghair@utetribes.com)

Luana Thompson, Director  
Ute Indian Tribe Natural Resources Department  
[luanat@utetribes.com](mailto:luanat@utetribes.com)

Sonja Willie, Acting Director  
Ute Indian Tribe Energy and Mineral Department  
[sonjaw@utetribes.com](mailto:sonjaw@utetribes.com)

Jeremy Patterson, Tribal Attorney  
Patterson, Real Bird & Wilson  
[jpatterson@nativelawgroup.com](mailto:jpatterson@nativelawgroup.com)



MIDDLE FORK  
ENERGY  
UINTA, LLC

October 6, 2023

U.S. Environmental Protection Agency, Region 8  
1595 Wynkoop Street  
Denver, CO 80202-1129

**Attn: Nathan Wisner**

RE: Casing Pressure Increase/Proposed Remediation  
**WV 3G-8-8-22**  
UIC# UT20954-06195  
API# 43-047-34596  
Location: Sec. 8, T8S, R22E, Uintah County, UT

Dear Mr. Wisner,

Please be advised on Thursday, October 5, 2023, Middle Fork Energy Uinta, LLC (MFEU) observed an increase in casing pressure on the above captioned WV 3G-8-8-22 injection well. In response to the casing pressure increase, the well was shut-in immediately.

MFEU intends to address the issue by identifying the issue and performing wellwork to mitigate the failure. Upon completion, MFEU will conduct an MIT on the well to ensure that the issue was resolved; followed by a request to resume injection from EPA.

Please consider this letter as the formal 24-hour notification of the pressure increase, in addition to fulfilling the required follow-up written remedial action plan.

If you have any additional questions or concerns, please don't hesitate to contact me direct at (435) 383.2344, or via email at [sandee.pummell@kodaresh.com](mailto:sandee.pummell@kodaresh.com)

Sincerely,

A handwritten signature in blue ink that reads "Sandee Pummell".

Sandee Pummell  
Staff Regulatory Analyst

Enclosures:

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

Bureau of Land Management  
Vernal Field Office  
170 South 500 East  
Vernal, UT 84078

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>  <b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-022158
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>6. IF TRIBAL, ALLOTTEE OR TRIBE NAME:</b>  <b>7. UNIT or CA AGREEMENT NAME:</b> WONSITS VALLEY
<b>1. TYPE OF WELL</b> Water Injection Well	<b>8. WELL NAME and NUMBER:</b> WV 3G-8-8-22	
<b>2. NAME OF OPERATOR:</b> Middle Fork Energy Uinta, LLC	<b>9. API NUMBER:</b> 43047345960000	
<b>3. ADDRESS OF OPERATOR:</b> 1401 Wynkoop Street, Suite 300 , Denver, CO, 80202	<b>PHONE NUMBER:</b>	<b>9. FIELD and POOL or WILDCAT:</b> WONSITS VALLEY
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 730 FNL 2021 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NENW Section: 8 Township: 8S Range: 22E Meridian: S	<b>COUNTY:</b> UINTAH  <b>STATE:</b> UTAH	
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
<b>TYPE OF SUBMISSION</b>	<b>TYPE OF ACTION</b>	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> CONVERT WELL TYPE <input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 10/10/2023	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> WILDCAT WELL DETERMINATION <input checked="" type="checkbox"/> OTHER	
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text" value="MIT"/>	
<b>12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.</b> Please be advised the WV 3G-8-8-22 injection well resumed injection on October 19, 2023. See attached MIT and permission to resume injection. On October 20, 2023 Middle Fork Energy observed a pressure increase. The well was immediately shut in. MFEU intends to identify the issue and perform wellwork to mitigate the failure. Upon completion, MFEU will conduct an MIT on the well to ensure the issue was resolved.		
<p style="margin: 0;"><b>Accepted by the</b>  <b>Utah Division of</b>  <b>Oil, Gas and Mining</b>  <b>FOR RECORD ONLY</b>  <b>(This is not an approval)</b>          January 18, 2024</p>		
<b>NAME (PLEASE PRINT)</b> Sandee Pummell	<b>PHONE NUMBER</b> 4358288182	<b>TITLE</b> Staff Regulatory Analyst
<b>SIGNATURE</b> N/A	<b>DATE</b> 10/23/2023	

## MECHANICAL INTEGRITY TEST CASING OR ANNULUS PRESSURE TEST

U.S. ENVIRONMENTAL PROTECTION AGENCY  
UNDERGROUND INJECTION CONTROL PROGRAM, UIC IMPLEMENTATION SECTION (8P-W-GW)  
999 18TH STREET, SUITE 300, DENVER, CO. 80202-2466

UDOGM WITNESS: None DATE: 10/10/2023 TIME: 8:50  AM  PM

TEST CONDUCTED BY: Greg Meeks Koda Resources

OTHERS PRESENT: Travis Williams Koda Consultant

API NUMBER- 43-047-34596 EPA ID NUMBER- UT20954-06195

WELL NAME: <u>WV 3G-8-8-22</u>	TYPE: <input type="checkbox"/> ER <input checked="" type="checkbox"/> SWD	STATUS: <input checked="" type="checkbox"/> AC <input type="checkbox"/> TA <input type="checkbox"/> UC
FIELD: <u>WONSITS VALLEY</u>	LEASE: <u>UTU022158</u>	UNIT: <u>8910084820</u>
WELL LOCATION: <u>NE/4, NW/4, SEC 8, T8</u> <input type="checkbox"/> N <input checked="" type="checkbox"/> S	<u>R22</u> <input checked="" type="checkbox"/> E <input type="checkbox"/> W	COUNTY: <u>UINTAH</u> STATE: <u>UTAH</u>
OPERATOR: <u>QEP ENERGY COMPANY</u>		
LAST MIT: <u>6/25/2019</u>	MAXIMUM ALLOWABLE PRESSURE: <u>1600</u> PSIG	

IS THIS A REGULAR SCHEDULED TEST?  YES  NO

INITIAL TEST FOR PERMIT?  YES  NO

TEST AFTER WELL WORK?  YES  NO

WELL INJECTING DURING TEST?  YES  NO IF YES, RATE: 0 BPD

PRE-TEST CASING/TUBING ANNULUS PRESSURE: 0 :PSIG

MIT DATA TABLE TUBING	TEST #1 PRESSURE	TEST #2	TEST #3
INITIAL PRESSURE	<u>391.6</u> PSIG	PSIG	PSIG
END OF TEST PRESSURE	<u>403.2</u> PSIG	PSIG	PSIG

CASING/TUBING	ANNULUS	TUBING	TUBING
0 MINUTES	<u>0</u> PSIG	<u>391.6</u> PSIG	PSIG
5 MINUTES	<u>1197</u> PSIG	<u>416.8</u> PSIG	PSIG
10 MINUTES	<u>1186</u> PSIG	<u>415</u> PSIG	PSIG
15 MINUTES	<u>1173</u> PSIG	<u>414.1</u> PSIG	PSIG
20 MINUTES	<u>1160</u> PSIG	<u>413.6</u> PSIG	PSIG
25 MINUTES	<u>1156</u> PSIG	<u>408.7</u> PSIG	PSIG
30 MINUTES	<u>1156</u> PSIG	<u>405.4</u> PSIG	PSIG
5 MINUTES	<u>0</u> PSIG	<u>403.2</u> PSIG	PSIG
MINUTES	<u>0</u> PSIG	PSIG	PSIG

RESULT  PASS  FAIL  PASS  FAIL  PASS  FAIL

DOES THE ANNULUS PRESSURE BUILD BACK UP AFTER THE TEST?  YES  NO

	Chassis	Lower Module	Upper Module	BARO Module	Left Scale	Right Scale
Serial Number	156501	155138	155590		155138	155590
Model	NV	10KPSI	3KPSI			
Message Store						
Userspan		1.00096	1.00050			
Offset						
Datatype					Casing	Tubing
Units		PSI G	PSI G		PSI G	PSI G
Tare						
Average						
User Factor						
User Offset						
User Resolution						
Firmware Version	R080016	R090009	R090009			
Calibration Due		29-Mar-24	10-May-24			
Run Index	3					
Run Start Time			10-Oct-23/08:49:03			
Run Duration			1 hour 42 minutes 45 seconds			
Run Tag			Well 2			
Logging Interval	15.0					

Data Points				
Point #	Time	Left - PSI G	Right - PSI G	
1	00:00:00.0	0	391.6	
2	00:00:15.0	0	391.8	
3	00:00:30.0	0	391.9	
4	00:00:45.0	0	392.0	
5	00:01:00.0	0	392.0	
6	00:01:15.0	0	392.1	
7	00:01:30.0	0	392.2	
8	00:01:45.0	0	392.3	
9	00:02:00.0	0	392.4	
10	00:02:15.0	0	392.4	

11	00:02:30.0	0	392.5
12	00:02:45.0	0	392.6
13	00:03:00.0	0	392.6
14	00:03:15.0	0	392.7
15	00:03:30.0	0	392.8
16	00:03:45.0	0	392.8
17	00:04:00.0	0	392.9
18	00:04:15.0	0	392.9
19	00:04:30.0	0	393.0
20	00:04:45.0	0	393.0
21	00:05:00.0	0	393.1
22	00:05:15.0	0	393.1
23	00:05:30.0	0	393.1
24	00:05:45.0	0	393.2
25	00:06:00.0	2	393.3
26	00:06:15.0	2	393.3
27	00:06:30.0	2	393.4
28	00:06:45.0	7	393.8
29	00:07:00.0	333	410.7
30	00:07:15.0	794	429.0
31	00:07:30.0	1237	442.7
32	00:07:45.0	1273	437.4
33	00:08:00.0	1255	433.2
34	00:08:15.0	1252	431.1
35	00:08:30.0	1252	430.4
36	00:08:45.0	1250	429.9
37	00:09:00.0	1246	429.2
38	00:09:15.0	1244	428.5
39	00:09:30.0	1243	427.8
40	00:09:45.0	1241	427.3
41	00:10:00.0	1239	426.8
42	00:10:15.0	1238	426.4
43	00:10:30.0	1236	425.8
44	00:10:45.0	1235	425.3
45	00:11:00.0	1233	424.8
46	00:11:15.0	1232	424.5
47	00:11:30.0	1231	424.1

48	00:11:45.0	1230	423.8
49	00:12:00.0	1228	423.5
50	00:12:15.0	1227	423.3
51	00:12:30.0	1226	423.0
52	00:12:45.0	1225	422.8
53	00:13:00.0	1224	422.4
54	00:13:15.0	1223	422.1
55	00:13:30.0	1222	421.8
56	00:13:45.0	1221	421.5
57	00:14:00.0	1220	421.3
58	00:14:15.0	1218	421.2
59	00:14:30.0	1217	421.2
60	00:14:45.0	1216	421.1
61	00:15:00.0	1215	421.0
62	00:15:15.0	1214	420.9
63	00:15:30.0	1213	420.7
64	00:15:45.0	1212	420.5
65	00:16:00.0	1211	420.3
66	00:16:15.0	1210	420.1
67	00:16:30.0	1209	420.0
68	00:16:45.0	1208	419.8
69	00:17:00.0	1207	419.6
70	00:17:15.0	1206	419.4
71	00:17:30.0	1206	419.1
72	00:17:45.0	1205	418.9
73	00:18:00.0	1204	418.7
74	00:18:15.0	1203	418.5
75	00:18:30.0	1203	418.2
76	00:18:45.0	1202	418.0
77	00:19:00.0	1201	417.8
78	00:19:15.0	1201	417.6
79	00:19:30.0	1200	417.4
80	00:19:45.0	1199	417.2
81	00:20:00.0	1199	417.1
82	00:20:15.0	1198	416.9
83	00:20:30.0	1197	416.8
84	00:20:45.0	1197	416.6

85	00:21:00.0	1196	416.5
86	00:21:15.0	1195	416.3
87	00:21:30.0	1195	416.2
88	00:21:45.0	1194	416.1
89	00:22:00.0	1193	416.0
90	00:22:15.0	1193	415.9
91	00:22:30.0	1192	415.8
92	00:22:45.0	1191	415.7
93	00:23:00.0	1191	415.6
94	00:23:15.0	1190	415.5
95	00:23:30.0	1190	415.4
96	00:23:45.0	1189	415.3
97	00:24:00.0	1188	415.2
98	00:24:15.0	1188	415.2
99	00:24:30.0	1187	415.1
100	00:24:45.0	1186	415.0
101	00:25:00.0	1186	415.0
102	00:25:15.0	1185	414.9
103	00:25:30.0	1184	414.8
104	00:25:45.0	1184	414.8
105	00:26:00.0	1183	414.7
106	00:26:15.0	1182	414.7
107	00:26:30.0	1182	414.6
108	00:26:45.0	1181	414.6
109	00:27:00.0	1181	414.5
110	00:27:15.0	1180	414.5
111	00:27:30.0	1179	414.4
112	00:27:45.0	1179	414.4
113	00:28:00.0	1178	414.3
114	00:28:15.0	1177	414.3
115	00:28:30.0	1177	414.3
116	00:28:45.0	1176	414.2
117	00:29:00.0	1175	414.2
118	00:29:15.0	1175	414.1
119	00:29:30.0	1174	414.1
120	00:29:45.0	1173	414.1
121	00:30:00.0	1173	414.1

122	00:30:15.0	1172	414.0
123	00:30:30.0	1171	414.0
124	00:30:45.0	1171	414.0
125	00:31:00.0	1170	413.9
126	00:31:15.0	1170	413.9
127	00:31:30.0	1169	413.9
128	00:31:45.0	1168	413.8
129	00:32:00.0	1168	413.8
130	00:32:15.0	1167	413.8
131	00:32:30.0	1166	413.8
132	00:32:45.0	1166	413.8
133	00:33:00.0	1165	413.8
134	00:33:15.0	1165	413.7
135	00:33:30.0	1164	413.7
136	00:33:45.0	1163	413.7
137	00:34:00.0	1163	413.6
138	00:34:15.0	1162	413.6
139	00:34:30.0	1161	413.6
140	00:34:45.0	1161	413.6
141	00:35:00.0	1160	413.6
142	00:35:15.0	1159	413.6
143	00:35:30.0	1159	413.5
144	00:35:45.0	1158	413.6
145	00:36:00.0	1157	413.5
146	00:36:15.0	1157	413.3
147	00:36:30.0	1157	413.0
148	00:36:45.0	1156	412.7
149	00:37:00.0	1156	412.3
150	00:37:15.0	1156	411.9
151	00:37:30.0	1156	411.6
152	00:37:45.0	1156	411.2
153	00:38:00.0	1156	410.9
154	00:38:15.0	1156	410.5
155	00:38:30.0	1156	410.3
156	00:38:45.0	1156	410.0
157	00:39:00.0	1156	409.7
158	00:39:15.0	1156	409.5

159	00:39:30.0	1156	409.2
160	00:39:45.0	1156	409.0
161	00:40:00.0	1156	408.7
162	00:40:15.0	1156	408.5
163	00:40:30.0	1156	408.3
164	00:40:45.0	1156	408.1
165	00:41:00.0	1156	407.9
166	00:41:15.0	1156	407.7
167	00:41:30.0	1156	407.5
168	00:41:45.0	1156	407.4
169	00:42:00.0	1156	407.2
170	00:42:15.0	1156	407.0
171	00:42:30.0	1156	406.8
172	00:42:45.0	1156	406.7
173	00:43:00.0	1156	406.5
174	00:43:15.0	1156	406.4
175	00:43:30.0	1156	406.2
176	00:43:45.0	1156	406.0
177	00:44:00.0	1155	405.9
178	00:44:15.0	1155	405.8
179	00:44:30.0	1155	405.6
180	00:44:45.0	1155	405.5
181	00:45:00.0	1155	405.4
182	00:45:15.0	1155	405.2
183	00:45:30.0	1155	405.1
184	00:45:45.0	1155	405.0
185	00:46:00.0	1155	404.9
186	00:46:15.0	1155	404.7
187	00:46:30.0	1155	404.6
188	00:46:45.0	1155	404.5
189	00:47:00.0	1155	404.4
190	00:47:15.0	1155	404.3
191	00:47:30.0	1155	404.2
192	00:47:45.0	1155	404.1
193	00:48:00.0	1155	404.0
194	00:48:15.0	1155	403.9
195	00:48:30.0	1155	403.8

196	00:48:45.0	1155	403.7
197	00:49:00.0	1155	403.6
198	00:49:15.0	1155	403.5
199	00:49:30.0	1155	403.4
200	00:49:45.0	1155	403.3
201	00:50:00.0	1155	403.2
202	00:50:15.0	1155	403.2
203	00:50:30.0	1155	403.1
204	00:50:45.0	1155	403.0
205	00:51:00.0	1155	402.9
206	00:51:15.0	1155	402.8
207	00:51:30.0	1155	402.8
208	00:51:45.0	1155	402.7
209	00:52:00.0	1155	402.6
210	00:52:15.0	1155	402.5
211	00:52:30.0	1155	402.5
212	00:52:45.0	1155	402.4
213	00:53:00.0	1155	402.3
214	00:53:15.0	1155	402.2
215	00:53:30.0	1155	402.2
216	00:53:45.0	1155	402.1
217	00:54:00.0	1155	402.0
218	00:54:15.0	1155	402.0
219	00:54:30.0	1155	401.9
220	00:54:45.0	1155	401.9
221	00:55:00.0	1155	401.8
222	00:55:15.0	1155	401.7
223	00:55:30.0	1155	401.7
224	00:55:45.0	1154	401.6
225	00:56:00.0	1154	401.6
226	00:56:15.0	1154	401.5
227	00:56:30.0	1154	401.4
228	00:56:45.0	1154	401.4
229	00:57:00.0	1154	401.3
230	00:57:15.0	1154	401.3
231	00:57:30.0	1154	401.2
232	00:57:45.0	1154	401.2

233	00:58:00.0	1154	401.2
234	00:58:15.0	1154	401.1
235	00:58:30.0	1154	401.0
236	00:58:45.0	1154	401.0
237	00:59:00.0	1154	400.9
238	00:59:15.0	1154	400.9
239	00:59:30.0	1154	400.9
240	00:59:45.0	1154	400.8
241	01:00:00.0	1154	400.7
242	01:00:15.0	1154	400.7
243	01:00:30.0	1154	400.7
244	01:00:45.0	1154	400.6
245	01:01:00.0	1154	400.6
246	01:01:15.0	1154	400.6
247	01:01:30.0	1154	400.5
248	01:01:45.0	1154	400.5
249	01:02:00.0	1154	400.4
250	01:02:15.0	1154	400.4
251	01:02:30.0	1154	400.3
252	01:02:45.0	1154	400.3
253	01:03:00.0	1154	400.3
254	01:03:15.0	1154	400.2
255	01:03:30.0	1154	400.2
256	01:03:45.0	1154	400.2
257	01:04:00.0	1154	400.1
258	01:04:15.0	1154	400.1
259	01:04:30.0	1154	400.1
260	01:04:45.0	1154	400.1
261	01:05:00.0	1154	400.0
262	01:05:15.0	1154	400.0
263	01:05:30.0	1154	399.9
264	01:05:45.0	1154	399.9
265	01:06:00.0	1154	399.9
266	01:06:15.0	1154	399.8
267	01:06:30.0	1154	399.8
268	01:06:45.0	1154	399.8
269	01:07:00.0	1154	399.8

270	01:07:15.0	1154	399.8
271	01:07:30.0	1154	399.7
272	01:07:45.0	1154	399.7
273	01:08:00.0	1154	399.6
274	01:08:15.0	1154	399.6
275	01:08:30.0	1154	399.6
276	01:08:45.0	1154	399.6
277	01:09:00.0	1154	399.6
278	01:09:15.0	1154	399.5
279	01:09:30.0	1154	399.5
280	01:09:45.0	1154	399.5
281	01:10:00.0	1154	399.5
282	01:10:15.0	1154	399.4
283	01:10:30.0	1154	399.4
284	01:10:45.0	1154	399.4
285	01:11:00.0	1154	399.4
286	01:11:15.0	1154	399.4
287	01:11:30.0	1154	399.4
288	01:11:45.0	1154	399.3
289	01:12:00.0	1154	399.3
290	01:12:15.0	1154	399.3
291	01:12:30.0	1154	399.3
292	01:12:45.0	1154	399.3
293	01:13:00.0	1154	399.2
294	01:13:15.0	1154	399.2
295	01:13:30.0	1154	399.2
296	01:13:45.0	1154	399.2
297	01:14:00.0	1154	399.2
298	01:14:15.0	1154	399.1
299	01:14:30.0	1154	399.1
300	01:14:45.0	1154	399.1
301	01:15:00.0	1154	399.1
302	01:15:15.0	1154	399.1
303	01:15:30.0	1154	399.0
304	01:15:45.0	1153	399.0
305	01:16:00.0	1153	399.0
306	01:16:15.0	1153	399.0

307	01:16:30.0	1153	399.0
308	01:16:45.0	1153	398.9
309	01:17:00.0	1153	398.9
310	01:17:15.0	1153	398.9
311	01:17:30.0	1153	398.9
312	01:17:45.0	1153	398.9
313	01:18:00.0	1153	398.8
314	01:18:15.0	1153	398.8
315	01:18:30.0	1153	398.8
316	01:18:45.0	1153	398.8
317	01:19:00.0	1153	398.8
318	01:19:15.0	1153	398.7
319	01:19:30.0	1153	398.7
320	01:19:45.0	1153	398.7
321	01:20:00.0	1153	398.7
322	01:20:15.0	1153	398.7
323	01:20:30.0	1153	398.6
324	01:20:45.0	1153	398.6
325	01:21:00.0	1153	398.6
326	01:21:15.0	1153	398.6
327	01:21:30.0	1153	398.6
328	01:21:45.0	1153	398.5
329	01:22:00.0	1153	398.5
330	01:22:15.0	1153	398.5
331	01:22:30.0	1153	398.5
332	01:22:45.0	1153	398.5
333	01:23:00.0	1153	398.4
334	01:23:15.0	1153	398.4
335	01:23:30.0	1153	398.4
336	01:23:45.0	1152	398.4
337	01:24:00.0	1152	398.4
338	01:24:15.0	1152	398.3
339	01:24:30.0	1152	398.3
340	01:24:45.0	1152	398.3
341	01:25:00.0	1152	398.3
342	01:25:15.0	1152	398.3
343	01:25:30.0	1152	398.2

344	01:25:45.0	1152	398.2
345	01:26:00.0	1152	398.2
346	01:26:15.0	1152	398.2
347	01:26:30.0	1152	398.2
348	01:26:45.0	1152	398.1
349	01:27:00.0	1152	398.1
350	01:27:15.0	1152	398.1
351	01:27:30.0	1152	398.1
352	01:27:45.0	1152	398.1
353	01:28:00.0	1152	396.0
354	01:28:15.0	1152	392.1
355	01:28:30.0	1034	388.0
356	01:28:45.0	893	383.7
357	01:29:00.0	748	379.8
358	01:29:15.0	585	375.2
359	01:29:30.0	433	371.6
360	01:29:45.0	276	367.9
361	01:30:00.0	106	362.7
362	01:30:15.0	4	362.7
363	01:30:30.0	3	365.8
364	01:30:45.0	4	368.1
365	01:31:00.0	2	369.7
366	01:31:15.0	1	371.2
367	01:31:30.0	0	372.4
368	01:31:45.0	0	373.5
369	01:32:00.0	0	374.5
370	01:32:15.0	1	375.6
371	01:32:30.0	1	376.7
372	01:32:45.0	1	377.6
373	01:33:00.0	1	378.5
374	01:33:15.0	1	379.2
375	01:33:30.0	1	380.0
376	01:33:45.0	0	380.6
377	01:34:00.0	0	381.2
378	01:34:15.0	0	381.8
379	01:34:30.0	0	382.3
380	01:34:45.0	0	382.8

381	01:35:00.0	0	383.3
382	01:35:15.0	0	383.7
383	01:35:30.0	0	384.1
384	01:35:45.0	0	384.5
385	01:36:00.0	0	384.9
386	01:36:15.0	0	385.2
387	01:36:30.0	0	385.6
388	01:36:45.0	0	385.9
389	01:37:00.0	0	386.2
390	01:37:15.0	0	386.5
391	01:37:30.0	0	386.8
392	01:37:45.0	0	387.0
393	01:38:00.0	0	387.3
394	01:38:15.0	0	387.5
395	01:38:30.0	0	387.7
396	01:38:45.0	0	387.9
397	01:39:00.0	0	388.1
398	01:39:15.0	0	388.4
399	01:39:30.0	0	388.6
400	01:39:45.0	0	388.7
401	01:40:00.0	0	388.9
402	01:40:15.0	0	389.1
403	01:40:30.0	0	389.3
404	01:40:45.0	0	389.4
405	01:41:00.0	0	389.6
406	01:41:15.0	0	389.8
407	01:41:30.0	0	389.9
408	01:41:45.0	0	390.0
409	01:42:00.0	0	390.2
410	01:42:15.0	0	390.3
411	01:42:30.0	0	390.4
412	01:42:45.0	0	390.6



## Daily Workover

Well Name: WV 3G-8-8-22

Report # 1.0, Report Date: 10/9/2023

API/Well 4304734596	Surface Legal Location S8-T8S-R22E	Field Name WONSITS VALLEY	License #	State/Province UTAH	Well Configuration Type VERTICAL
Original KB Elevation (ft) 5,140.00	KB-Tubing Head Distance (ft) 5,140.00	Spud Date 10/30/2002 00:00	Rig Release Date 11/2/2002 11:30	PBTD (All) (ftKB)	Total Depth All (TVD) (ftKB)

Primary Job Type LOE	Job Category PRODUCTION		
AFE Number	Total AFE + Supp Amount (Cost)	Daily Field Est Total (Cost)	Cum Field Est To Date (Cost)
		\$15,831	\$15,831

Status at Reporting Time  
Shut in

## Operations Summary

Travel to rig. Move rig & equip to location. RU rig. ND well head. NU bop. Release PKR. TOOH w/ tbg LD BHA. SM. MU PKR & BHA. RU hydro testing equip. TIH hydro testing to 5800 #psi. RD floor. ND bop. NU well head. Pump 98 bbl FW mixed w/ PKR chem. Set PKR 15k in comp. NU flow line. Prep for MIT. SWIFN. Travel in

## Operations Next Report Period

Travel to. SM. Run MIT test. RDMO. MIRU on SWD 42-29-722

## Daily Contacts

Job Contact	Title	Mobile
Bryan Cook, Artificial Lift	Artificial Lift	435-828-4327
Travis Williams, Rig Supervisor	Rig Supervisor	435-823-3640
Charles Westwood, Tool Pusher	Tool Pusher	435-549-9184

## Time Log

Start Time	End Time	Duration (hr)	Cum Dur (hr)	Comment
06:00	07:00	1.00	1.00	Travel to location
07:00	07:15	0.25	1.25	Safety meeting w/ ACR & rig crew. Hold JSA on today's planned ops
07:15	08:15	1.00	2.25	Move rig & equip from red wash yard to location
08:15	09:15	1.00	3.25	Spot in & RU rig. Run pump line to well head
09:15	10:45	1.50	4.75	X-O to tbg equip. ND well head. Release PKR. NU tbg bop. RU floor
10:45	12:15	1.50	6.25	TOOH w/ 174 joints of 2 7/8" J-55, LD SN, 5 1/2" AS1X PKR, WL guide
12:15	12:30	0.25	6.50	Safety meeting w/ ACR, Rig crew, Tool hand, Hydro tester. Hold JSA on planned ops
12:30	14:30	2.00	8.50	Tally & MU= WL guide, Stack'd 5 1/2" AS1X PKR, New 2 7/8" seat nipple, 174 joints 2 7/8" J-55 tbg. All tested to 5800 #psi. Everything tested good.
14:30	15:00	0.50	9.00	RD hydro testing tools. Set PKR & test casing to 1500 #psi for 15 min. Good test. Release PKR
15:00	16:30	1.50	10.50	RD floor. ND bop. NU well head
16:30	17:30	1.00	11.50	RU rig pump to casing. Set pump rate at 2.3 bpm. Pump 98 bbl of FW mixed w/ PKR chem.
17:30	18:00	0.50	12.00	Set PKR 15k in comp. Push / Pull to ensure PKR set good. Land B1 flange w/ string weight of 21k. NU flow line. Prep for MIT set for am. SWIFN
18:00	19:00	1.00	13.00	Travel to town



## Daily Workover

Well Name: WV 3G-8-8-22

Report # 2.0, Report Date: 10/10/2023

API/UWI 4304734596	Surface Legal Location S8-T8S-R22E	Field Name WONSITS VALLEY	License #	State/Province UTAH	Well Configuration Type VERTICAL
Original KB Elevation (ft) 5,140.00	KB-Tubing Head Distance (ft) 5,140.00	Spud Date 10/30/2002 00:00	Rig Release Date 11/2/2002 11:30	PBTD (All) (ftKB)	Total Depth All (TVD) (ftKB)

Primary Job Type LOE	Job Category PRODUCTION		
AFE Number	Total AFE + Supp Amount (Cost)	Daily Field Est Total (Cost)	Cum Field Est To Date (Cost)
		\$4,216	\$20,047

Status at Reporting Time  
Shut in

## Operations Summary

Travel to. SM. Run MIT test. RDMO. Turn well over to production

## Operations Next Report Period

Well turned over to production

## Daily Contacts

Job Contact	Title	Mobile
Bryan Cook, Artificial Lift	Artificial Lift	435-828-4327
Travis Williams, Rig Supervisor	Rig Supervisor	435-823-3640
Charles Westwood, Tool Pusher	Tool Pusher	435-549-9184

Time Log				
Start Time	End Time	Duration (hr)	Cum Dur (hr)	Comment
06:00	06:45	0.75	0.75	Travel to location
06:45	07:00	0.25	1.00	Safety meeting w/ ACR, Rig crew, Tool hand. Hold JSA on today's planned ops
07:00	10:00	3.00	4.00	Check SICP=0. RU testing equip. SITP= 480 #psi. Run 5 min neg test. Pressure casing up to 1245 #psi. Run 35 min test lost 88 #psi. No test. Bleed casing off. Run 5 min neg test good. Pressure up to 1243 #psi. Run 20 min test & lost 70#psi. Stop test and hold pressure at 1174 #psi & holding good. Run 35 min test lost 21 #psi good test. Pressure casing up to 1500 #psi & hold for 20 min. Lost 20 #psi. Bleed casing off. Run 5 min neg test. Good test. Call MIT good
10:00	11:00	1.00	5.00	Shut well in. RD rig & equip. Clean up location. Turn well over to production. Final report

SUTO8817310 <b>FIELD: Wonsits Valley</b>	GL: 5,126' KBE: 5,140'	Spud Date: 02/10/03 Last date on well: 10/10/23
<b>Well: WV 3G 8-8-22</b>	TD: 5,900' PBTD: 5,825'	Current Well Status:
Location: NENW Sec. 8, T8S, R22E Uintah County, Utah		<b>Reason for Pull/Workover:</b> MIT Failure
API#: 43-047- 34596		

**Wellbore Schematic**

**Surface casing**  
Size: 9- 5/8"  
Weight: 36.00 #/ft  
Grade: K - 55  
Cmtd w/ 175 sxs  
Hole size: 12- 1/4"  
Set @ 484'

EXCLUDED PERFS

TOC @ 450'

OPEN PERFS

**Production Casing**  
Size: 5 -1/2"  
Weight: 15.50 #/ft  
Grade: J - 55  
Cmtd w/ 700 sxs  
Set @ 5898'  
Hole size: 8 3/4"

PKR @ 5630 '

5709' - 5718' W/8 - SPF

PBTD @ 5,825' '

TD @ 5,900' '

**Tubing Landing Detail:**

Description	Size	Footage	Depth
K.B		14.00	14.00
15,000# compression		(1.58)	12.42
174 - jts J-55 2 7/8	2 7/8"	5,609.14	5,621.56
Pump Seat Nipple	2 7/8"	1.10	5,622.66
5 1/2" Arrow Set -pkr w/ entry		6.95	5,629.61
WL Reentry guide		0.44	5,630.05
EOT @			<b>5,630.05</b>

**TUBING INFORMATION**

Condition: \_\_\_\_\_  
 New: \_\_\_\_\_ Used: \_\_\_\_\_ Rerun:   
 Grade: J- 55  
 Weight (#/ft): 6.50 #/ft

**Sucker Rod Detail:**

Size	#Rods	Rod Type

**Rod Information**

Condition: \_\_\_\_\_  
 New: \_\_\_\_\_ Used: \_\_\_\_\_ Rerun: \_\_\_\_\_  
 Grade: \_\_\_\_\_  
 Manufacture: \_\_\_\_\_

**Pump Information:**

API Designation \_\_\_\_\_  
 Example: 25 x 150 x RHAC X 20 X 6 X 2

Pump SN#: \_\_\_\_\_ Original Run Date: \_\_\_\_\_  
 RERUN \_\_\_\_\_ NEW RUN \_\_\_\_\_

ESP Well	Flowing Well
Cable Size: _____	SN @ _____ 5622 '
Pump Intake @ _____	PKR @ _____
End of Pump @ _____	EOT @ _____ 5630 '

**Wellhead Detail:** Example: 7-1/16" 3000#  
 7-1/16" 5000#  
 \_\_\_\_\_  
 \_\_\_\_\_

Other: \_\_\_\_\_  
 Hanger: Yes \_\_\_\_\_ No

**SUMMARY**

7-17-06 POOH and inspect 175 jts 2 7/8" tbg and Packer. Replace two jts and RIH w/ new packer land tubing w/ 8000# compression

7-1-08 Replace Halliburton packer

1-7-09 - Replace Halliburton packer

5/19/09 - POOH w/ tbg & pkr detail. PU & RIH w/ Weatherford 5-1/2" arrow set pkr & tbg detail. Applying liquid O-ring to all pins. Set pkr, land tbg on B-1 Flange w/ 15M# set down. Rack out equipment. **Left well shut in.**

8-11-09 - Found pin hole in tubing #85 JFS, replaced bad joint.

10-09-23 - Packer Failure

Prepared By: FULCHER

Date: 10/17/23



**REGION 8**

DENVER, CO 80202

October 18, 2023

Ref: 8ENF-W-SD

**SENT VIA EMAIL**  
**RETURN RECEIPT REQUESTED**

Sandee Pummell, Staff Regulatory Analyst  
Middle Fork Energy Uinta, LLC (Permittee)  
11002 East 17500 South  
Vernal, Utah 84078  
sandee.pummell@kodaresh.com

Re: Underground Injection Control (UIC); Permission to Resume Injection for the WV #3G-8-8-22 Well (EPA Permit UT20954-06195, API 43-047-34596) – Wonsits Valley Field, Uintah Co., UT

Dear Sandee Pummell:

On October 17, 2023, the U.S. Environmental Protection Agency received information from the Permittee about the injection well subject to the above-referenced injection well permit (the Permit) concerning the workover to replace the packer and the follow-up internal mechanical integrity test (MIT) conducted on October 10, 2023. The data submitted shows that the well passed the required MIT. Therefore, pursuant to part II.B.4 of the Permit, permission to resume injection is granted. Under continuous service, the next internal MIT will be due on or before October 10, 2028.

Any failure to comply with a UIC permit is subject to enforcement by the EPA, as provided in section 1423 of the Safe Drinking Water Act, 42 U.S.C. § 300h-2.

If you have any questions about this letter, please contact me by telephone at (303) 312-6211, or email at [wiser.nathan@epa.gov](mailto:wiser.nathan@epa.gov). Please direct all U.S. mail in this matter to my attention at Mail Code 8ENF-W-SD. Note that most EPA staff prefer email communication.

Sincerely,

**Wiser, Nathan**

Digitally signed by Wiser,  
Nathan  
Date: 2023.10.18 13:23:26 -06'00'

Nathan Wiser, UIC Program  
Safe Drinking Water Act Enforcement Section  
Enforcement and Compliance Assurance Division

cc:

Julius Murray, Chairman  
Uintah & Ouray Business Committee  
juliusm@utetribes.com

Jeremy Patterson, Tribal Attorney  
Patterson, Real Bird & Wilson  
jpatterson@nativelawgroup.com

Christopher Tabbee, Vice-Chairman  
Uintah & Ouray Business Committee  
christ@utetribes.com

Mike Natchees, Councilman  
Uintah & Ouray Business Committee  
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Lelila Longhair, Executive Director  
Uintah & Ouray Business Committee  
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Luana Thompson, Director  
Ute Indian Tribe Natural Resources Department  
luanat@utetribes.com

Alrita Murray, GAP Coordinator  
Ute Indian Tribe  
alritamurray@utetribes.com

Sonja Willie, Acting Director  
Ute Indian Tribe Energy and Mineral  
Department  
sonjaw@utetribes.com



MIDDLE FORK  
ENERGY  
UINTA, LLC

October 23, 2023

U.S. Environmental Protection Agency, Region 8  
1595 Wynkoop Street  
Denver, CO 80202-1129

**Attn: Nathan Wiser**

RE: Casing Pressure Increase/Proposed Remediation  
**WV 3G-8-8-22**  
UIC# UT20954-06195  
API# 43-047-34596  
Location: Sec. 8, T8S, R22E, Uintah County, UT

Dear Mr. Wiser,

Please be advised on Friday, October 20, 2023, Middle Fork Energy Uinta, LLC (MFEU) observed an increase in casing pressure on the above captioned WV 3G-8-8-22 injection well. In response to the casing pressure increase, the well was shut-in immediately.

MFEU intends to address the issue by identifying the issue and performing wellwork to mitigate the failure. Upon completion, MFEU will conduct an MIT on the well to ensure that the issue was resolved; followed by a request to resume injection from EPA.

Please consider this letter as the formal 24-hour notification of the pressure increase, in addition to fulfilling the required follow-up written remedial action plan.

If you have any additional questions or concerns, please don't hesitate to contact me direct at (435) 383.2344, or via email at [sandee.pummell@kodaresh.com](mailto:sandee.pummell@kodaresh.com)

Sincerely,

A handwritten signature in blue ink that reads "Sandee Pummell".

Sandee Pummell

Staff Regulatory Analyst

Enclosures:

cc:           Utah Division of Oil Gas and Mining           Bureau of Land Management  
              1594 West North Temple, Suite 1210       Vernal Field Office  
              P.O. Box 145801                           170 South 500 East  
              Salt Lake City, UT 84114-5801       Vernal, UT 84078