

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

5. LEASE DESIGNATION AND SERIAL NO.
U-02025

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

7. UNIT AGREEMENT NAME
RED WASH UNIT

8. FARM OR LEASE NAME, WELL NO.
RWU #31-30B

9. API WELL NO.

10. FIELD AND POOL, OR WILDCAT
RED WASH UNIT

11. SEC., T., R., M., OR BLK
AND SURVEY OR AREA
Sec. 30, T7S, R23E, SLB&M

12. COUNTY OR PARISH
Uintah

13. STATE
Utah

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. TYPE OF WORK
DRILL **DEEPEN**

b. TYPE OF WELL
OIL WELL GAS WELL OTHER
SINGLE ZONE MULTIPLE ZONE

2. NAME OF OPERATOR
Shenandoah Energy Inc.

3. ADDRESS AND TELEPHONE NO. Phone: **435-781-4341** **11002 East 17500 South**
Fax: **435-781-4329** **Vernal, Utah 84078**

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)
At surface **4449377 N**
949.8' FNL, 1943.4' FEL NWNE
At proposed prod. Zone **639062E**
Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
3 miles West of Redwash Utah

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. Unit line if any)
949' ±

16. NO. OF ACRES IN LEASE
1920

17. NO. OF ACRES ASSIGNED TO THIS WELL
40

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR ON THIS LEASE, FT.
900' ±

19. PROPOSED DEPTH
5905'

20. ROTARY OR CABLE TOOLS
Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
5530.6' GR

22. APPROX. DATE WORK WILL START*
A.S.A.P

23. PROPOSED CASING AND CEMENTING PROGRAM
REFER TO S.O.P

Shenandoah Energy Inc. proposes to drill a well to 5905' 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.

Operations will be according to the Standard Operating Procedures for the Redwash Unit, the Wonsits Valley and surrounding areas Green River Wells.

See Onshore Order No. 1 attached.

Please be advised that Shenandoah Energy Inc. is considered to be the operator of the above mentioned well. 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. 0969. The principal is Shenandoah Energy Inc. via surety as consent as provided for in 43 CFR 3104.2.

RECEIVED
DEC 04 2000
DIVISION OF OIL, GAS AND MINING

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

24
SIGNED John Busch John Busch TITLE Red Wash Operations Representative DATE 11/30/00

(This space for Federal or State office use)
PERMIT NO. 43047-33788 FEDERAL APPROVAL OF THIS ACTION IS NECESSARY APPROVAL DATE _____

Application approval does not warrant or certify that the applicant holds legal or equitable title to these rights in the subject lease which would entitle the applicant to conduct operations thereon.
CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY Bradley G. Hill TITLE **BRADLEY G. HILL** DATE 01-08-01
RECLAMATION SPECIALIST III

CONFIDENTIAL

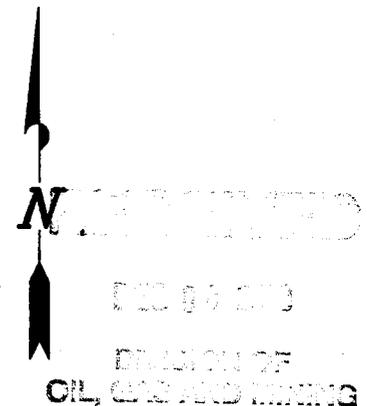
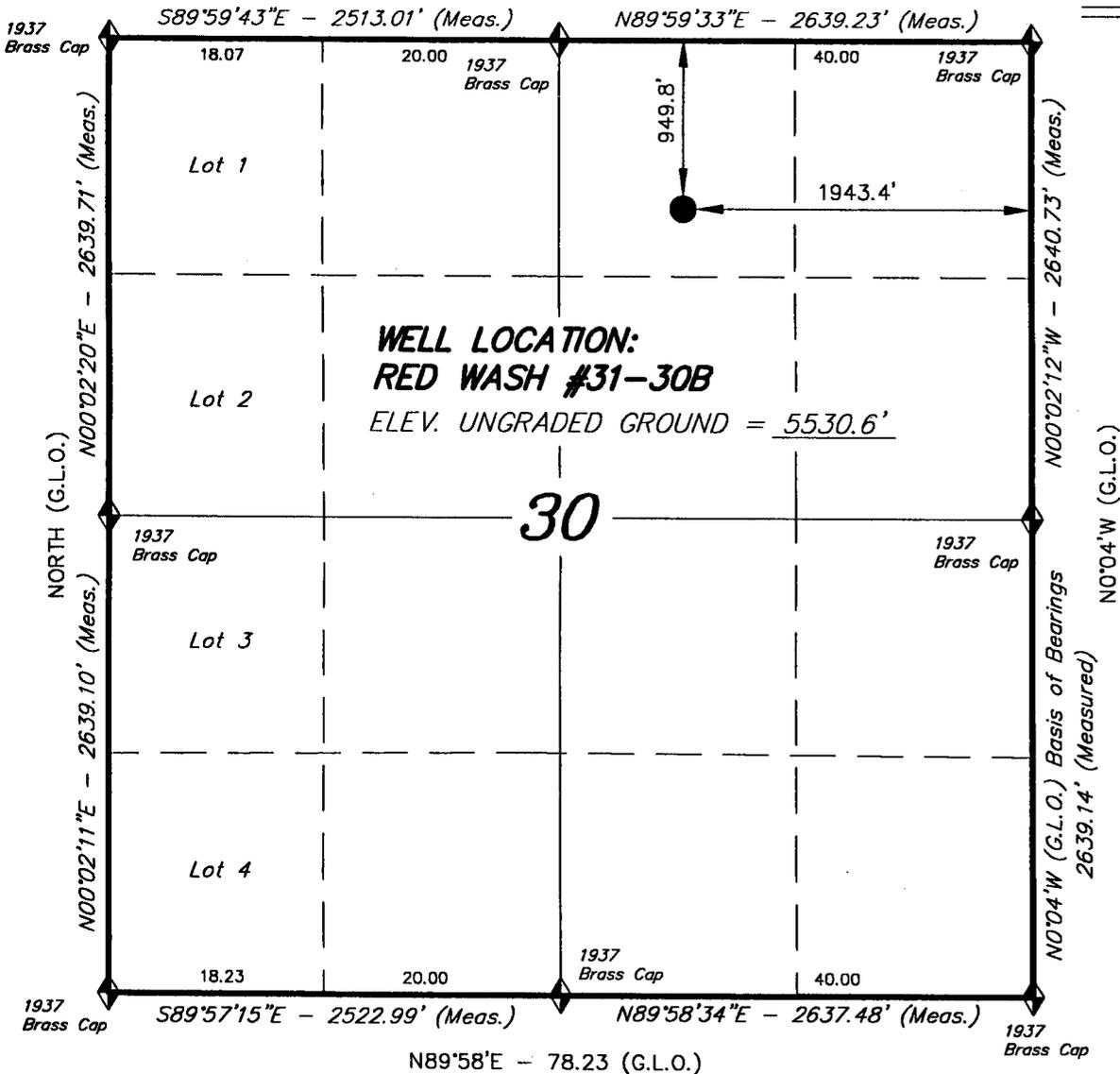
*See Instructions On Reverse Side

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

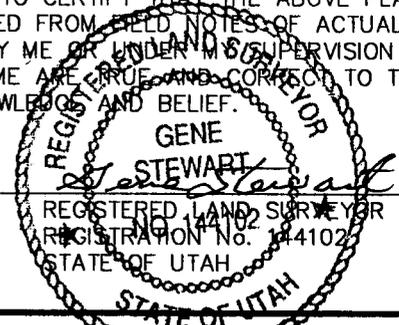
N89°59'E - 78.07 (G.L.O.)

SHENANDOAH ENERGY, INC.

WELL LOCATION, RED WASH #31-30B,
LOCATED AS SHOWN IN THE NW 1/4
NE 1/4 OF SECTION 30, T7S, R23E,
S.L.B.&M. UTAH COUNTY, UTAH.



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.



RED WASH #31-30B
LATITUDE = 40° 11' 06.80"
LONGITUDE = 109° 22' 02.61"

◆ = SECTION CORNERS LOCATED
BASIS OF ELEV; U.S.G.S. 7-1/2 min QUAD (RED WASH)

TRI STATE LAND SURVEYING & CONSULTING
38 WEST 100 NORTH - VERNAL, UTAH 84078
(435) 781-2501

SCALE: 1" = 1000'	SURVEYED BY: L.D.T.
DATE: 11-12-00	WEATHER: SNOWY
DRAWN BY: J.R.S.	FILE #

DRILLING PROGRAM

ONSHORE OIL & GAS ORDER NO. 1

Approval of Operations on Onshore

Federal Oil and Gas Leases

RECEIVED

DEC 14 2000

DIVISION OF OIL & GAS

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:

<u>Formation</u>	<u>Depth</u>	<u>Prod. Phase Anticipated</u>
Uinta	Surface	
Green River	3070'	
Mahogany Ledge	3960'	
Mesa	5730'	
TD (Green River)	5905'	Oil

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:

<u>Substance</u>	<u>Formation</u>	<u>Depth</u>
Oil/Gas	Green River	5905'

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 2362.0 psi.

4. Surface Ownership

The well pad and access road are located on lands owned by the Federal Government.

Shenandoah Energy Inc.
RW #31-30B

MULTI-POINT SURFACE USE & OPERATIONS PLAN

SHENANDOAH ENERGY INC.
REDWASH #31-30B
NWNE SEC. 30, T7S, R23E, SLB&M
UINTAH COUNTY, UTAH

1. Plans for Reclamation of the Surface

As per the onsite on November 29 with Greg Darlington Vernal BLM, Byron Tolman Vernal BLM, Steve Madsen Vernal BLM, Bob Specht, Raleen Searle Shenandoah Energy Inc., John Busch Shenandoah Energy Inc. the following stipulations were determined:

There will be no pit liner required. There will be a seed mix of 12lbs per acre consisting of:

- 4lbs – Fourwing Saltbush
- 4lbs – Needle & Thread Grass
- 4lbs – Indian Rice Grass

2. Other Information

Refer to the attached maps:

- Topo map A- Access routes
- Topo map B- Proposed Access road
- Topo map C- Location of wells within a one mile radius
- Topo map D- Proposed pipeline

RECEIVED

DEC 04 2009

DEPARTMENT OF
OIL, GAS AND MINING

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.

RECEIVED

DEC 04 2000

DEPARTMENT OF
OIL, GAS AND MINES

John Busch

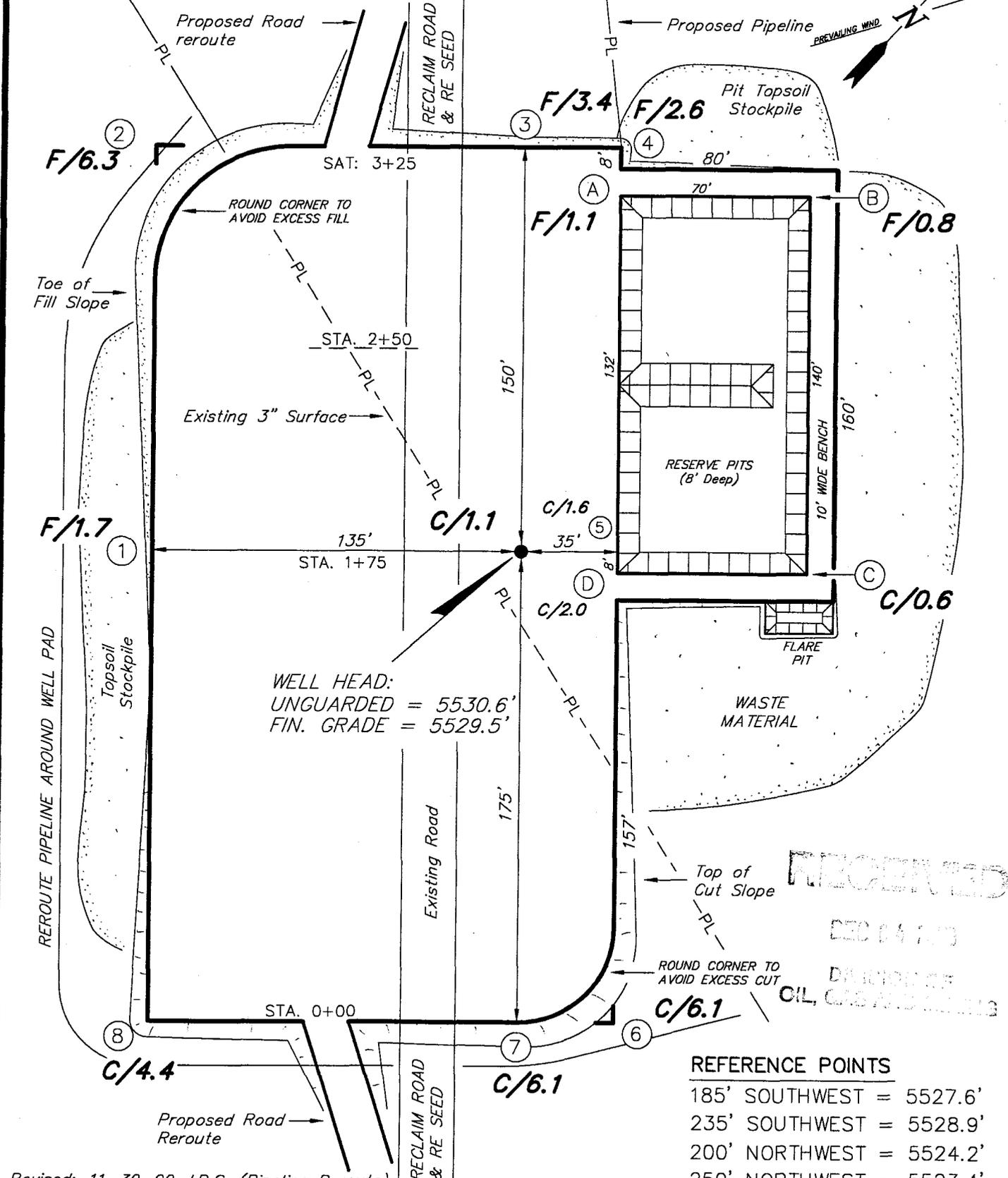
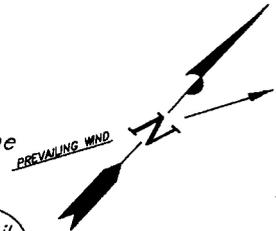
NOVEMBER 30, 2000

John Busch
Red Wash Operations Representative

Date

SHENANDOAH ENERGY, INC.

RED WASH #31-30B
 SEC. 30, T7S, R23E, S.L.B.&M.



WELL HEAD:
 UNGUARDED = 5530.6'
 FIN. GRADE = 5529.5'

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 DEC 04 2000
 DIVISION OF
 OIL, GAS AND MINES

- REFERENCE POINTS**
- 185' SOUTHWEST = 5527.6'
 - 235' SOUTHWEST = 5528.9'
 - 200' NORTHWEST = 5524.2'
 - 250' NORTHWEST = 5523.4'

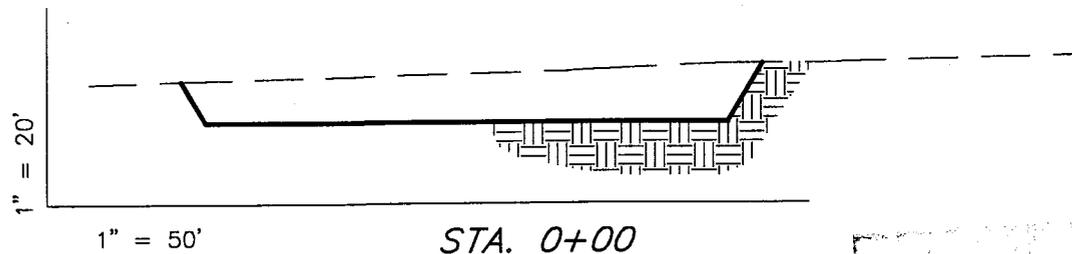
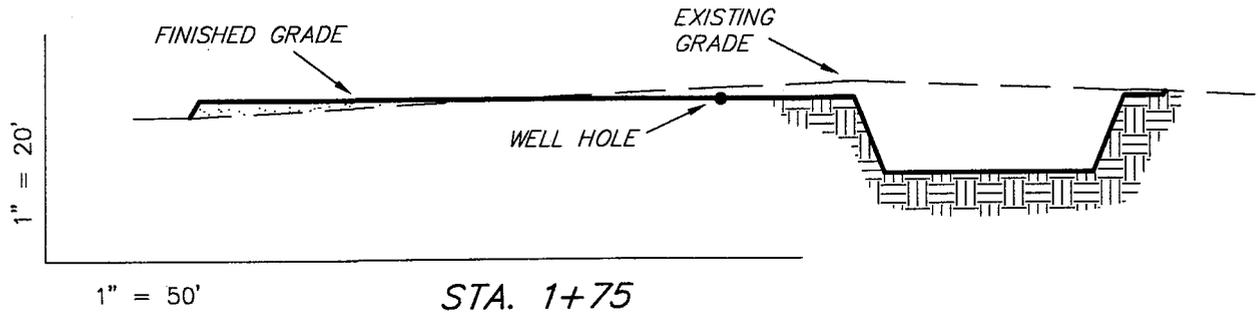
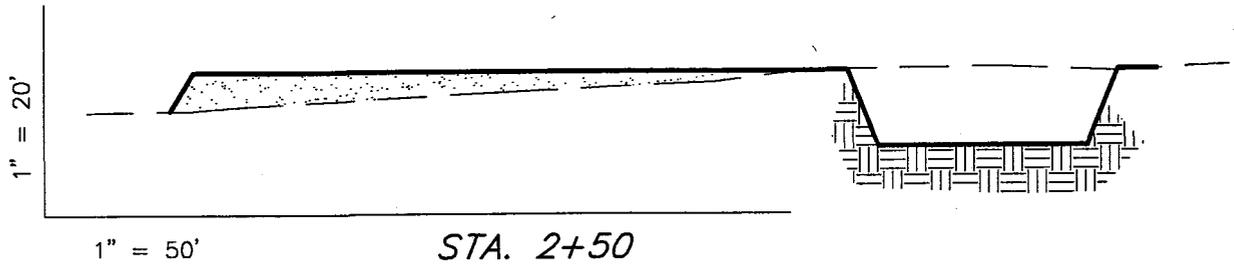
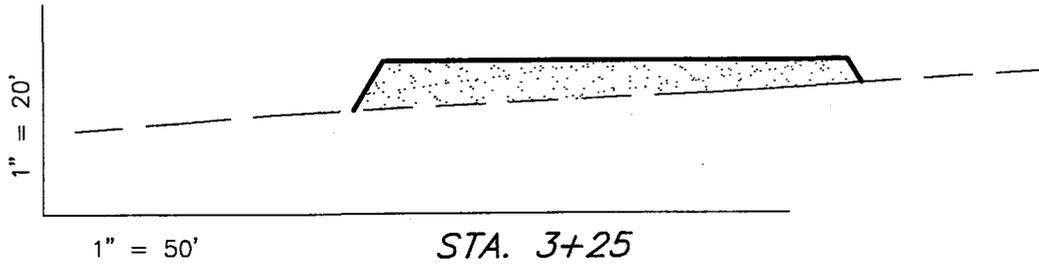
Revised: 11-30-00 J.R.S. (Pipeline Reroute)		
SURVEYED BY: L.D.T.	SCALE: 1" = 50'	
DRAWN BY: J.R.S.	DATE: 11-11-00	

Tri State
 Land Surveying, Inc. (435) 781-2501
 38 WEST 100 NORTH VERNAL, UTAH 84078

SENIANDOAH ENERGY INC.

CROSS SECTIONS

RED WASH #31-30B



APPROXIMATE YARDAGES

- CUT = 2,690 Cu. Yds.
- FILL = 2,680 Cu. Yds.
- PIT = 2,370 Cu. Yds.
- 6" TOPSOIL = 1,260 Cu. Yds.

RECORDED

DEC 04 2003

DEPT. OF
CIVIL, COUNTY ENGINEERING

SURVEYED BY: L.D.T.

SCALE: 1" = 50'

DRAWN BY: J.R.S.

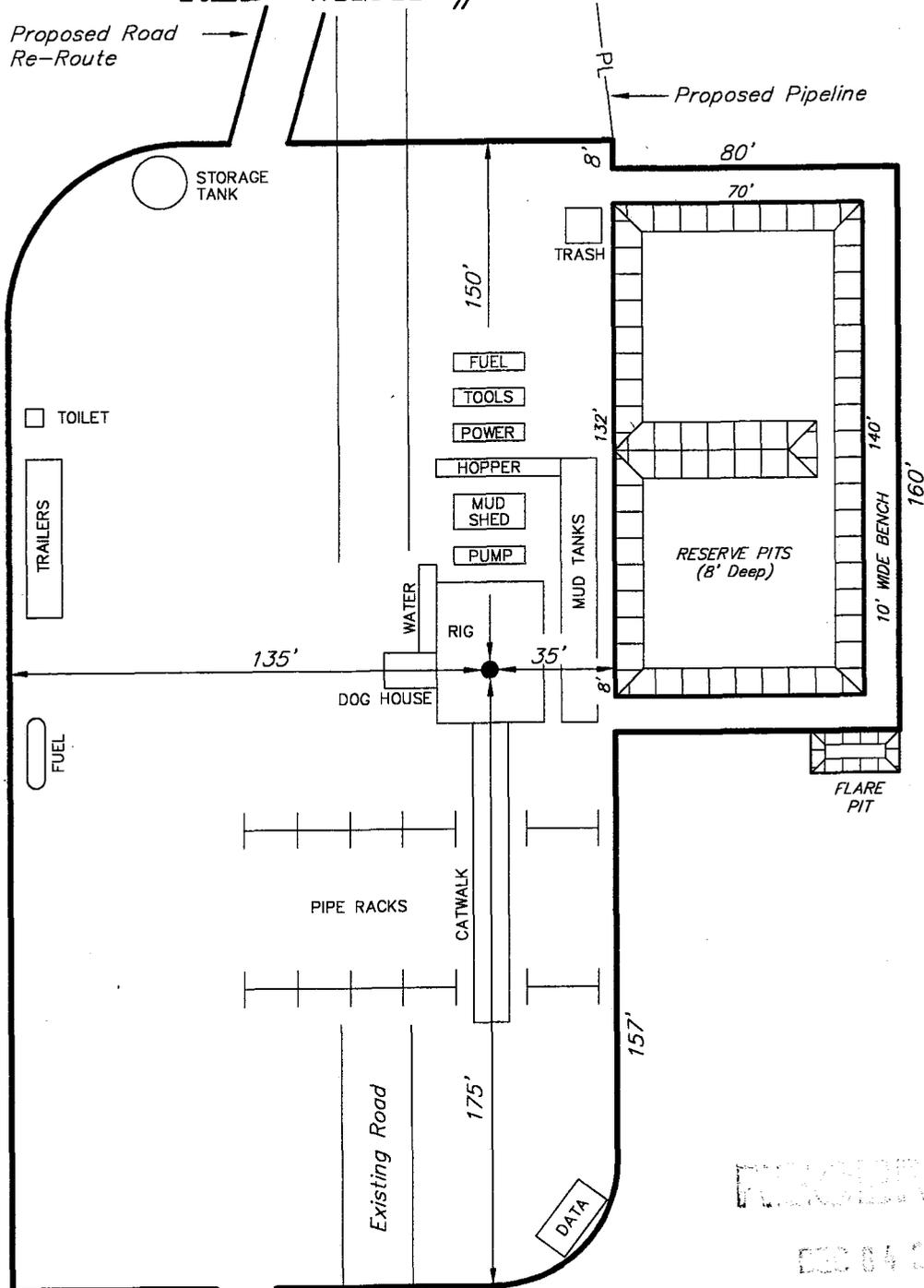
DATE: 11-11-00

Tri State
Land Surveying, Inc.
38 WEST 100 NORTH VERNAL, UTAH 84078
(435) 781-2501

SHENANDOAH ENERGY, INC.

TYPICAL RIG LAYOUT

RED WASH #31-30B

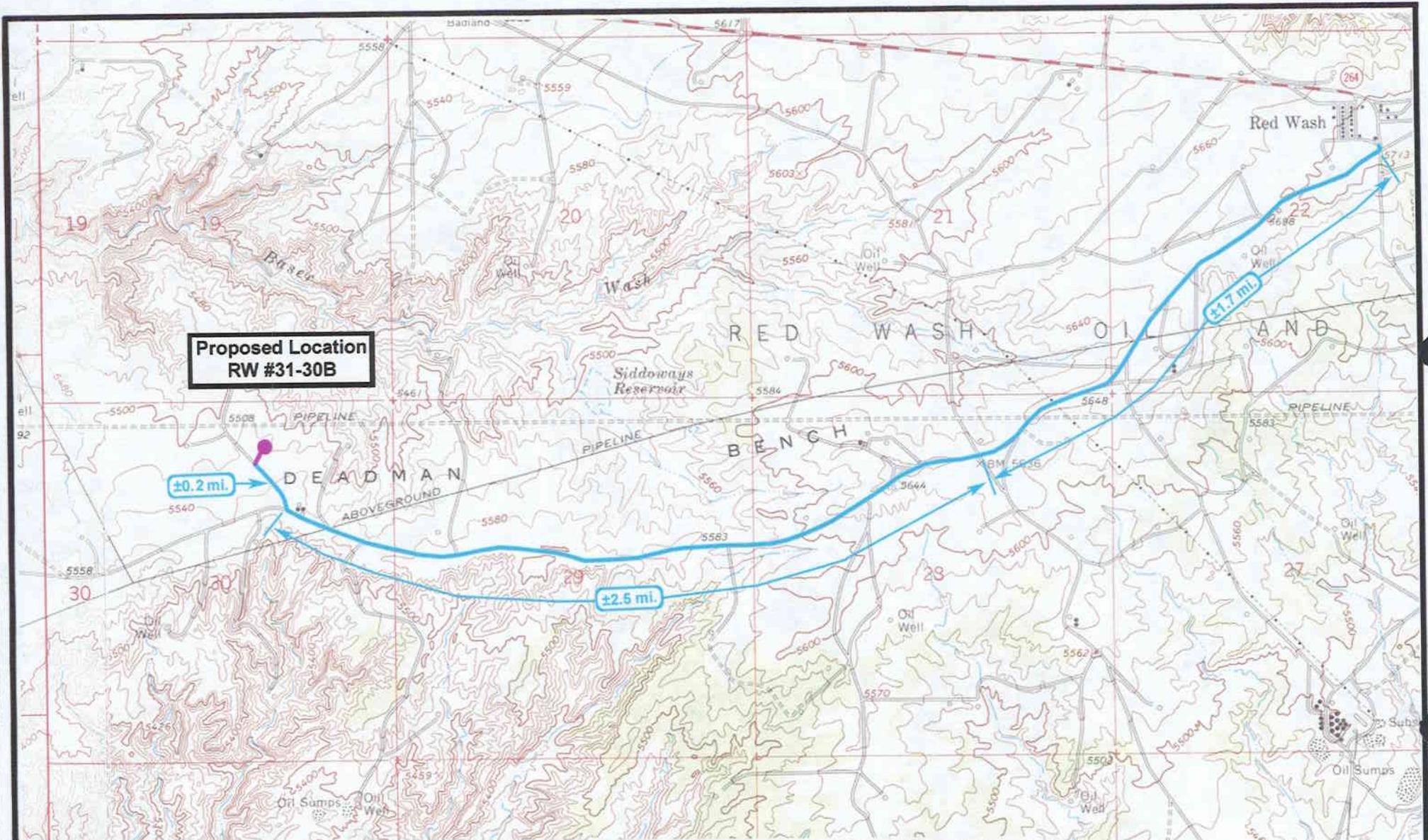


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DEC 04 2000

BUREAU OF
OIL, GAS AND MINING

Tri State
Land Surveying, Inc.
(435) 781-2501
38 WEST 100 NORTH, VERNAL, UTAH 84078



**Proposed Location
RW #31-30B**

±0.2 mi.

±2.5 mi.

±1.7 mi.

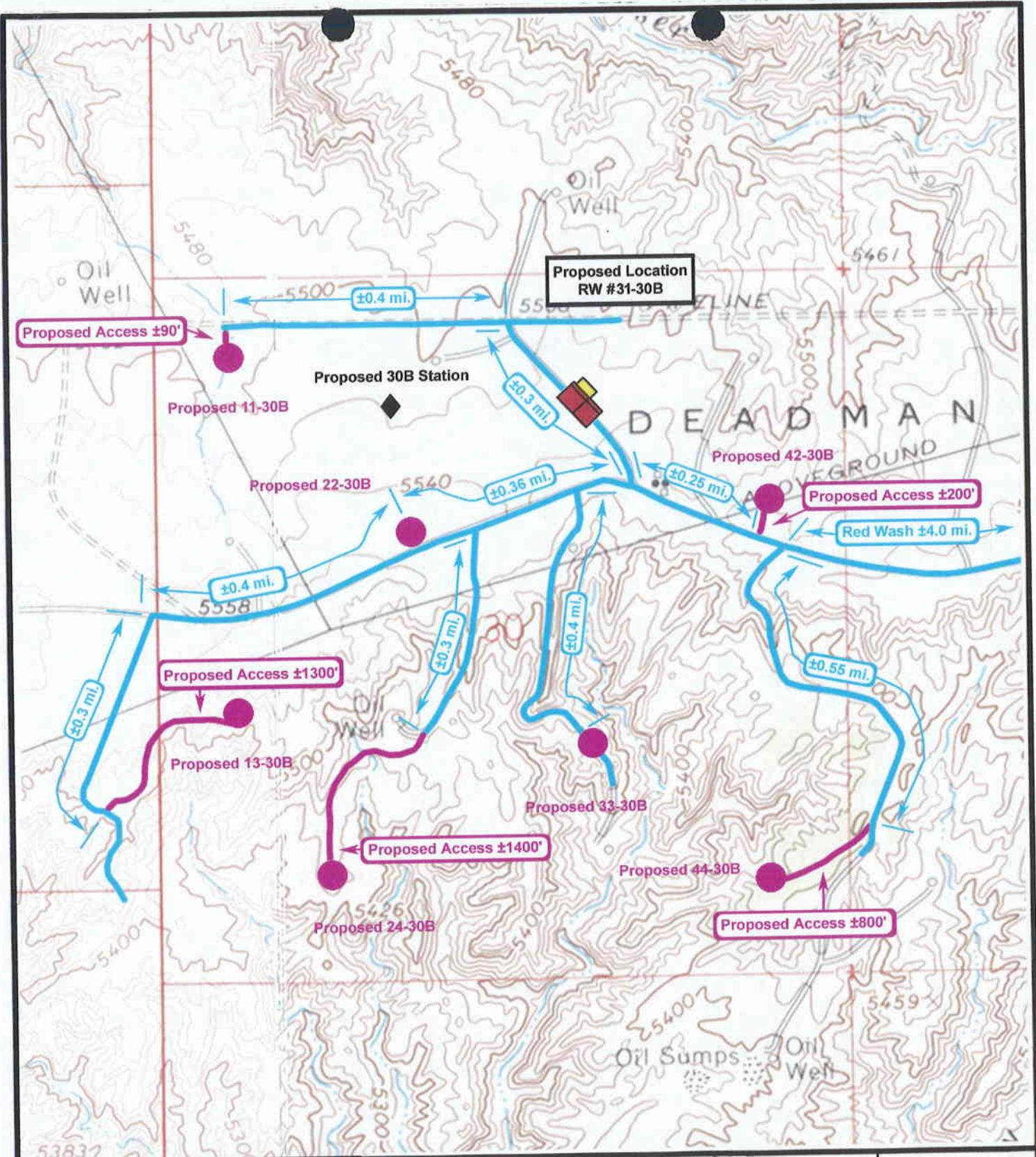
SHENANDOAH ENERGY INC.

**RED WASH #31-30B
SEC. 30, T7S, R23E, S.L.B.&M.**

TOPOGRAPHIC MAP "A"



Drawn By: bgm	Revision:
Scale: 1" = 2000'	File:
Date: 11-10-00	
Tri-State Land Surveying Inc. P.O. Box 533, Vernal, UT 84078 435-781-2501 Fax 435-781-2518	



SHENANDOAH ENERGY INC.

**RED WASH #31-30B
SEC. 30, T7S, R23E, SLB&M.**

TOPOGRAPHIC MAP "B"



Drawn By: bgm

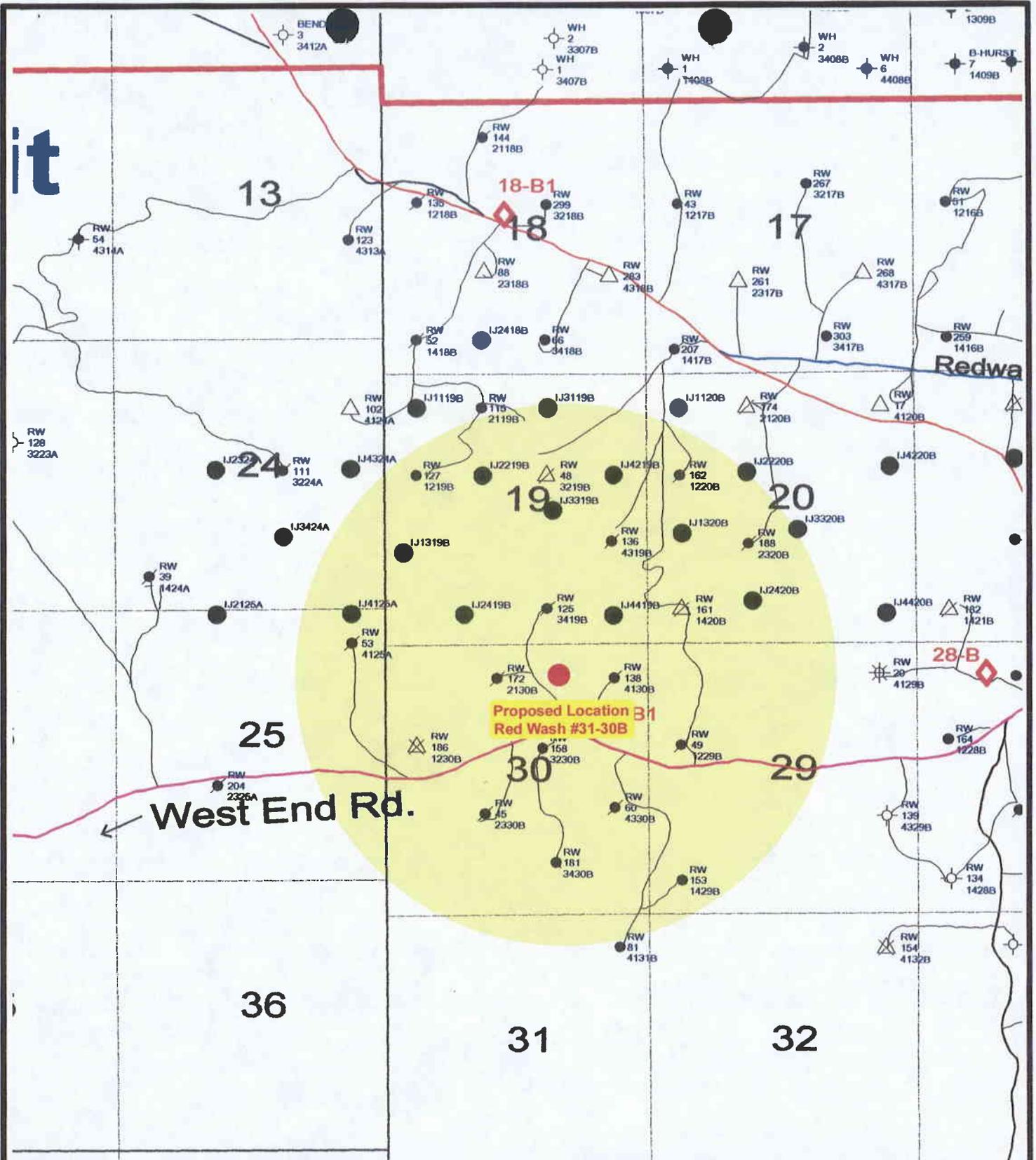
Revision:

Scale: 1" = 1000'

File:

Date: 11-09-00

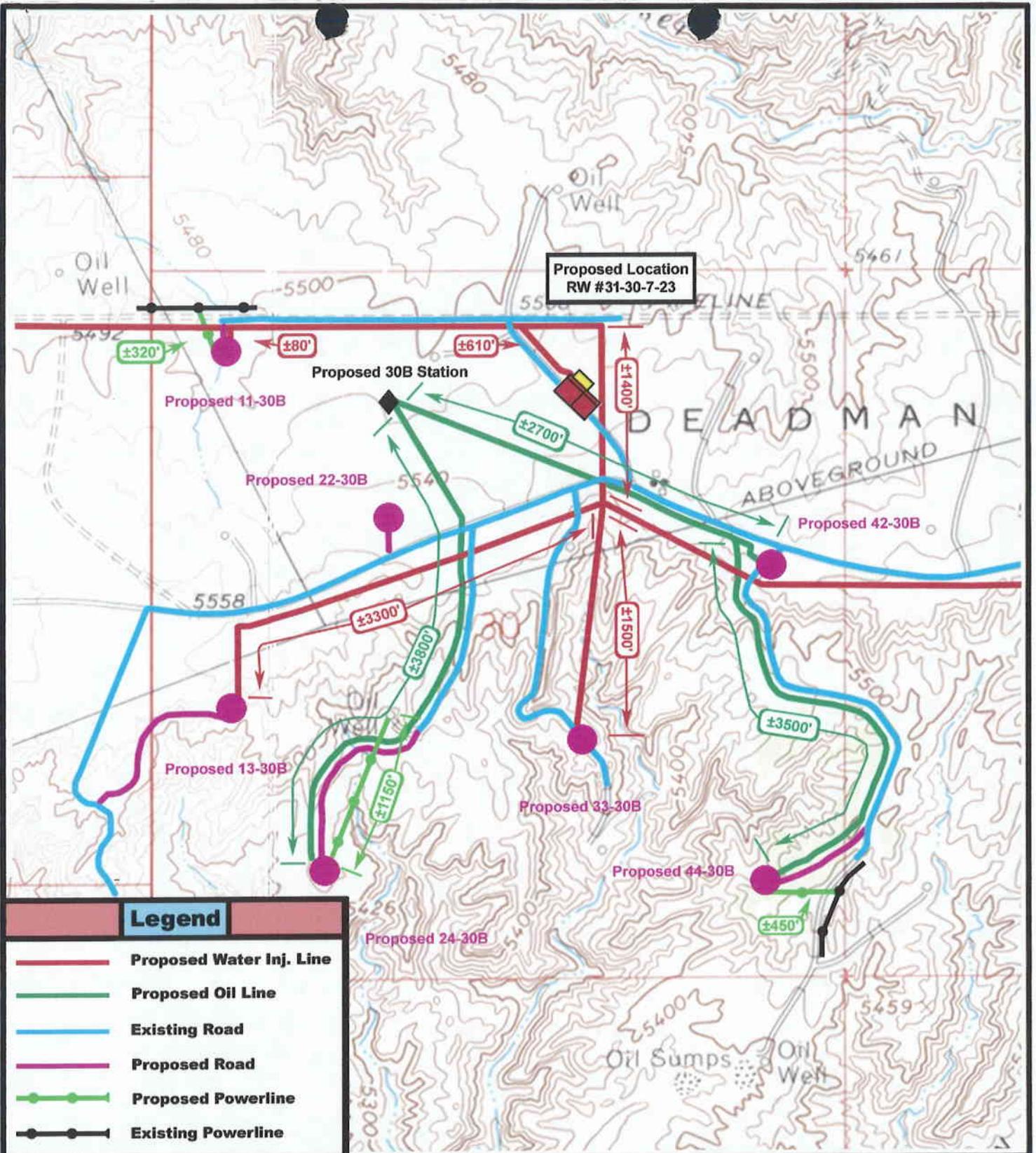
**Tri-State Land Surveying Inc.
P.O. Box 533, Vernal, UT 84078
435-781-2501 Fax 435-781-2518**



SHENANDOAH ENERGY INC.
RED WASH #31-30A
SEC. 30, T7S, R23E, S.L.B.&M.
TOPOGRAPHIC MAP "C"



Drawn By: bgm	Revision:
Scale: 1" = 2000'	File:
Date: 11-09-2000	
Tri-State Land Surveying Inc. P.O. Box 533, Vernal, UT 84078 435-781-2501 Fax 435-781-2518	



Legend

- Proposed Water Inj. Line
- Proposed Oil Line
- Existing Road
- Proposed Road
- Proposed Powerline
- Existing Powerline

SHENANDOAH ENERGY INC.

**RED WASH #31-30B
SEC. 30, T7S, R23E, SLB&M.**

TOPOGRAPHIC MAP "D"



Drawn By: bgm	Revision:
Scale: 1" = 1000'	File:
Date: 11-09-00	
Tri-State Land Surveying Inc. P.O. Box 533, Vernal, UT 84078 435-781-2501 Fax 435-781-2518	

**WORKSHEET
APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 12/04/2000

API NO. ASSIGNED: 43-047-33788

WELL NAME: RWU 31-30B
 OPERATOR: SHENANDOAH ENERGY INC (N4235)
 CONTACT: JOHN BUSCH

PHONE NUMBER: 435-781-4341

PROPOSED LOCATION:
 NWNE 30 070S 230E
 SURFACE: 0950 FNL 1943 FEL
 BOTTOM: 0950 FNL 1943 FEL
 UINTAH
 UNDESIGNATED (2)

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

LEASE TYPE: 1-Federal
 LEASE NUMBER: U-02025
 SURFACE OWNER: 1-Federal

PROPOSED FORMATION: GRRV

RECEIVED AND/OR REVIEWED:

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

LOCATION AND SITING:

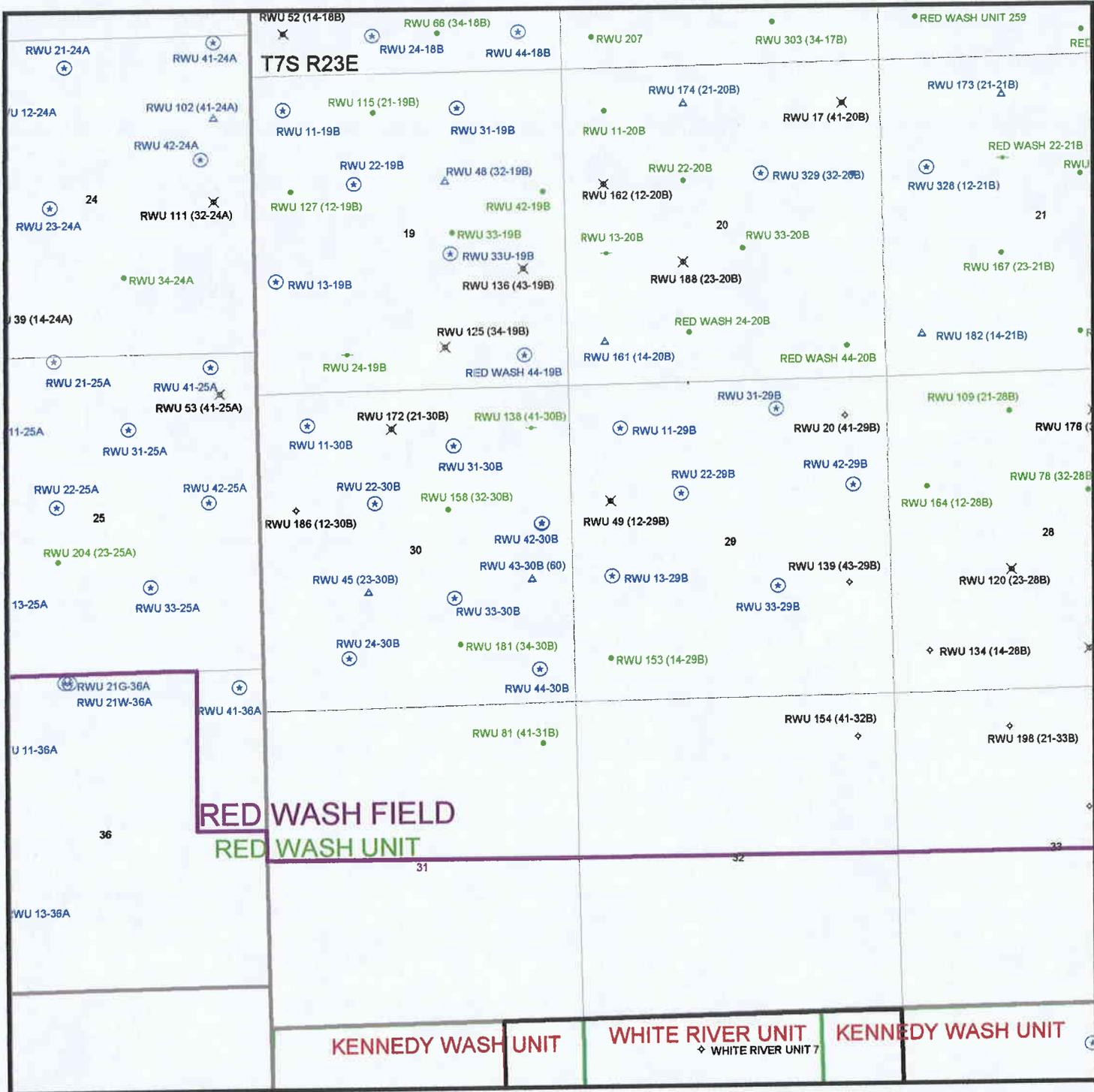
___ R649-2-3. Unit RED WASH
 ___ R649-3-2. General
 Siting: 460 From Qtr/Qtr & 920' Between Wells
 R649-3-3. Exception
 ___ Drilling Unit
 Board Cause No: _____
 Eff Date: _____
 Siting: _____
 ___ R649-3-11. Directional Drill

COMMENTS: Red Wash Unit SOP, separate file.

STIPULATIONS: ① FEDERAL APPROVAL



OPERATOR: SHENANDOAH ENERY (N4235)
 FIELD: RED WASH (665)
 SEC. 29 & 30, T7S, R23E,
 COUNTY: UINTAH UNIT: RED WASH
 SPACING: R649-3-2 & R649-3-3



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)

December 12, 2000

Memorandum

To: Assistant District Manager Minerals, Vernal District
From: Michael Coulthard, Petroleum Engineer
Subject: 2000 Plan of Development Red Wash Unit,
Uintah County, Utah.

Pursuant to email between Lisha Cordova, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management. The following wells are planned for calendar year 2000 within the Red Wash Unit, Uintah County, Utah.

Api Number	Well	Location
(Proposed Green River Completions)		
43-047-33785	RWU 11-30B	Sec. 30, T7S, R23E 0590 FNL 0787 FWL
43-047-33786	RWU 22-25A	Sec. 25, T7S, R22E 2531 FNL 1949 FWL
43-047-33787	RWU 24-30B	Sec. 30, T7S, R23E 0795 FSL 1468 FWL
43-047-33788	RWU 31-30B	Sec. 30, T7S, R23E 0950 FNL 1943 FEL
43-047-33789	RWU 33-29B	Sec. 29, T7S, R23E 1832 FSL 1840 FEL
43-047-33790	RWU 33-30B	Sec. 30, T7S, R23E 1775 FSL 1937 FEL

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

/s/ Michael L. Coulthard

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

MCoulthard:mc:12-12-0

SHENANDOAH ENERGY INC.

11002 East 17500 South
Vernal, UT 84078
Phone: (435) 781-4300
Fax (435) 781-4329

January 2, 2001

Division of Oil, Gas & Mining
1594 W. N. Temple STE 1210
Salt Lake City, UT 84114-5801

To Whom It May Concern:

Shenandoah Energy Inc. Red Wash Unit #31-30B is an exception location due to an existing power line. This lease #(U-02025) is under the Red Wash Unit Agreement and all owners are committed under the Unit Agreement.

There are no additional lease owners within 460' of this proposed well. If you have any question please contact Raleen Searle @ (435) 781-4309.

Thank you,



Raleen Searle

Administrative Assistant

RECEIVED

JAN 03 2001

DIVISION OF
OIL, GAS AND MINING



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)

January 8, 2001

Shenandoah Energy Inc
11002 E 17500 S
Vernal, UT 84078

Re: Red Wash Unit 31-30B Well, 950' FNL, 1943' FEL, NW NE, Sec. 30, T. 7 South,
R. 23 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.

Appropriate information has been submitted to DOGM and administrative approval of the requested exception location is hereby 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 43-047-33788.

Sincerely,

A handwritten signature in cursive script that reads "John R. Baza".

John R. Baza
Associate Director

er

Enclosures

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

Operator: Shenandoah Energy Inc
Well Name & Number Red Wash Unit 31-30B
API Number: 43-047-33788
Lease: U-02025

Location: NW NE **Sec.** 30 **T.** 7 South **R.** 23 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.

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

APPLICATION FOR PERMIT TO DRILL OR DEEPEN			5. LEASE DESIGNATION AND SERIAL NO. <p align="center">U-02025</p>	
1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/>			6. IF INDIAN, ALLOTTEE OR TRIBE NAME <p align="center">N/A</p>	
b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>			7. UNIT AGREEMENT NAME <p align="center">RED WASH UNIT</p>	
2. NAME OF OPERATOR Shenandoah Energy Inc.			8. FARM OR LEASE NAME, WELL NO. <p align="center">RWU #31-30B</p>	
3. ADDRESS AND TELEPHONE NO. Phone: 435-781-4341 11002 East 17500 South Fax: 435-781-4329 Vernal, Utah 84078			9. API WELL NO.	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 949.8' FNL, 1943.4' FEL NWNE At proposed prod. Zone Same			10. FIELD AND POOL, OR WILDCAT <p align="center">RED WASH UNIT</p>	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 3 miles West of Redwash Utah			11. SEC., T., R., M., OR BLK AND SURVEY OR AREA <p align="center">Sec. 30, T7S, R23E, SLB&M</p>	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. Unit line if any) 949' ±		16. NO. OF ACRES IN LEASE <p align="center">1920</p>	17. NO. OF ACRES ASSIGNED TO THIS WELL <p align="center">40</p>	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR ON THIS LEASE, FT. 900' ±		19. PROPOSED DEPTH <p align="center">5905'</p>	20. ROTARY OR CABLE TOOLS <p align="center">Rotary</p>	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 5530.6' GR			22. APPROX. DATE WORK WILL START* <p align="center">A.S.A.P</p>	
23. PROPOSED CASING AND CEMENTING PROGRAM REFER TO S.O.P				

Shenandoah Energy Inc. proposes to drill a well to 5905' 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.

CONFIDENTIAL

Operations will be according to the Standard Operating Procedures for the Redwash Unit, the Wonsits Valley and surrounding areas Green River Wells.

This well is in our desired water flood pattern and is slated to become an injector well after initial production.

The injection line will be buried 4', using 3" schedule 80, synergy coated pipe.

See Onshore Order No. 1 attached.

Please be advised that Shenandoah Energy Inc. is considered to be the operator of the above mentioned well. Shenandoah Energy Inc. agrees to be responsible under the terms and conditions of the lease for the operations conducted upon the lease lands.

RECEIVED
JUL 23 2001

Bond coverage for this well is provided by Bond No. 0989. The principal is Shenandoah Energy Inc. via surety as consent as provided for in 43 CFR 3104.2.

RECEIVED
JUL 26 2001

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

24

SIGNED John Busch John Busch TITLE Red Wash Operations Representative DATE 11/30/00

(This space for Federal or State Office use)

NOTICE OF APPROVAL CONDITIONS OF APPROVAL ATTACHED

Application approval 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.

CONDITIONS OF APPROVAL, IF ANY:
APPROVED BY [Signature] TITLE Assistant Field Manager Mineral Resources DATE 02/09/01

*See Instructions On Reverse Side

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

006M

CONDITIONS OF APPROVAL
APPLICATION FOR PERMIT TO DRILL

Company/Operator: Shenandoah Energy, Inc.
Well Name & Number: RWU #31-30B
API Number: 43-047-33788
Lease Number: U - 02025
Location: NWNE Sec. 30 T. 7S R. 23E
Agreement: Red Wash GR Unit

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

RECEIVED

FEB 20 2001

DIVISION OF
OIL, GAS AND MINING

CONDITIONS OF APPROVAL FOR NOTICE 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.

A. DRILLING PROGRAM

1. Casing Program and Auxiliary Equipment

As a minimum, the usable water and oil shale resources shall be isolated and/or protected by having a cement top for the production casing at least 200 ft. above the top of the Green River Formation, identified at 2,990 ft.

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OIL, GAS AND MINING

**SURFACE USE PROGRAM
CONDITIONS OF APPROVAL (COAs)**

-Access roads and surface disturbing activities will conform to standards outlined in the Bureau of Land Management and Forest Service publication: Surface Operating Standards for Oil and Gas Exploration and Development, (1989).

The road shall be constructed/upgraded to meet the standards of the anticipated traffic flow and all-weather road requirements. Construction/upgrading shall include ditching, draining, and crowning (2 to 3%). Graveling or capping the roadbed will be required as necessary to provide a well constructed safe road. Prior to construction/upgrading, the proposed road surface or existing road shall be cleared of any snow cover and allowed to dry completely. Traveling off the 30 foot right-of-way will not be allowed. Should mud holes develop, they shall be filled in to prevent detours. Road drainage crossings shall be of the typical dry creek drainage crossing type. Crossings shall be designed so they will not cause siltation or accumulation of debris in the drainage crossing nor shall the drainage be blocked by the roadbed. Erosion of drainage ditches by runoff water shall be prevented by diverting water off at frequent intervals by means of cutouts. Upgrading shall not be allowed during muddy conditions. When snow is removed from the road during the winter months, the snow shall be pushed outside of the burrow ditches and the turn outs shall be kept clear so that when the snow melts the water will be channeled away from the road.

Shenandoah Energy will control noxious weeds along the right-of-way for roads, pipelines, well sites or other applicable facilities. If noxious weeds spread from disturbed areas onto adjoining lands, Shenandoah shall be responsible for control of the infestation. A list of noxious weeds may be obtained from the BLM, or the appropriate County Extension Office. On BLM administered land it is required that a Pesticide Use Proposal shall be submitted, and given approval, prior to the application of herbicides or other pesticides or possible hazardous chemicals.

If cultural resources or paleontological resources are found, the BLM Authorized Officer shall be notified. Procedures described in the Standard Operating Practices for Red Wash Unit Green River Formation Wells will be followed as such finds are evaluated.

The small portions of the existing road where the road has been rerouted and will no longer be part of the access road will be ripped, recontoured and seeded with the recommended seed mix shown below.

No pit liner will be needed.

Four to six inches of topsoil shall be stripped from the location and windowed as shown on the cut sheet. This topsoil shall be seeded as described in the standard operating plan with the recommended seed mix shown below.

The pipeline disturbance will be kept to a 15' width since the access road can be used as a working surface. The topsoil shall be stripped and windowed along the edge of the cleared area, then replaced prior to seeding the disturbed area. Care shall be taken not to mix the topsoil with the subsoil from the trench.

RECEIVED

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DIVISION OF
OIL, GAS AND MINING

The following seed mix shall be used to seed the topsoil pile, pipeline disturbance, reserve pit and for final abandonment of the location:

Fourwing saltbush	Atriplex canescens	4 lbs./acre
Needle and threadgrass	Stipa comata	4 lbs./acre
Indian ricegrass	Oryzopsis hymenoides	4 lbs./acre

All poundages are in pure live seed.

The seeding of the reserve pit shall be done in the same manner as the seeding of the topsoil pile. However, seeding of the location after final abandonment can be completed by drilling the seed, broadcasting the seed and dragging the location to cover the seed, or by broadcasting the seed then walking it in with a dozer.

All seeding shall be done immediately after the dirt work has been completed.

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OIL, GAS AND MINING

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

OPERATOR ACCT. No. 4235
(801)781-4300

Action Code	Current Entity No.	New Entity No.	API Number	Well Name	QQ	SC	TP	RG	County	Spud Date	Effective Date
B	99999	05670	43-047-33788	Red Wash Unit 31-30B	NW NE	30	7S	23E	Uintah	2/12/01	2-12-01

WELL 1 COMMENTS:

New well drilled in the Red Wash Unit. 2-28-01

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

Don C. Bauman
Signature
Office Manager. 02/23/01
Title 435 Date
Phone No. (801) 781-4306

CONFIDENTIAL

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

SUBMIT IN TRIPLICATE

1. Type of Well
Oil Gas
 Well Well Other

2. Name of Operator
SHENANDOAH ENERGY, INC

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

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
950' FNL, 1943' FEL, NW NE, SECTION 30, T7S, R23E, SLBM

5. Lease Designation and Serial No.
U-02025

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

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

8. Well Name and No.
RED WASH UNIT 31-30B

9. API Well No.
43-047-33788

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

11. County or Parish, State
UINTAH, UTAH

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

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

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

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

THIS WELL COMMENCED PRODUCTION 4/2/01.

RECEIVED
APR 11 2001
DIVISION OF
OIL, GAS AND MINING

14. I hereby certify that the foregoing is true and correct.
Signed D. C. BEAMAN *D. C. Beaman* Title OFFICE MANAGER Date 04/03/01

(This space for Federal or State office use)

Approved by: _____ Title _____ Date _____

Conditions of approval, if any _____

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

***See instruction on Reverse Side**

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.)
SOLD

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	5560	5586	GULCH, GX3 AND GY2 ZONES LV5 LW4 LY2 MESA	GREEN RIVER MAHOGAN Y	3070
GREEN RIVER(2)	5628	5640			3360
GREEN RIVER(3)	5670	5682			
GREEN RIVER(4)	5703	5709			
GREEN RIVER(5)	5724	5734			

CONFIDENTIAL

32. Additional remarks (include plugging procedure):

CONFIDENTIAL - TITE HOLE
Do not release well information without permission from Shenandoah Energy Inc.

33. Circle enclosed attachments:

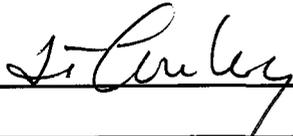
- | | | | |
|---|--------------------|---------------|-----------------------|
| 1. Electrical/Mechanical Logs (1 full set req'd.) | 2. Geologic Report | 3. DST Report | 4. Directional Survey |
| 5. Sundry Notice for plugging and cement verification | 6. Core Analysis | 7 Other: | |

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 #6020 Verified by the BLM Well Information System for SHENANDOAH ENERGY INC.
Sent to the Vernal.

Name (please print) J.T. CONLEY

Title DIVISION MANAGER

Signature 

Date 07/28/2001

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 ****

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		5. Lease Serial No. U-02025
2. Name of Operator SHENANDOAH ENERGY		6. If Indian, Allottee or Tribe Name N/A
Contact: DAHN CALDWELL E-Mail: dcaldwell@shenandoahenergy.com		7. If Unit or CA/Agreement, Name and/or No. RED WASH UNIT
3a. Address 11002 E. 17500 S. VERNAL, UT 84078	3b. Phone No. (include area code) Ph: 435.781.4342 Fx: 435.828.5044	8. Well Name and No. RWU 31-30B
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 30 T7S R23E NWNE 950FNL 1943FEL		9. API Well No. 43-047-33788
		10. Field and Pool, or Exploratory RED WASH
		11. County or Parish, and State UINTAH COUNTY, UT

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

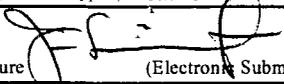
TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> 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 type="checkbox"/> Temporarily Abandon	
	<input checked="" 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.)

Proposal for conversion to Injection Well (See Attachment).

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

14. I hereby certify that the foregoing is true and correct.
**Electronic Submission #10927 verified by the BLM Well Information System
For SHENANDOAH ENERGY, sent to the Vernal**

Name (Printed/Typed) JIM SIMONTON	Title COMPLETION MANAGER
Signature  (Electronic Submission)	Date 03/26/2002

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 ****

CONFIDENTIAL

RWU #31-30B
Red Wash Field
NWNE S30-T7S-R23E
Uintah County, Utah
API # 43-047-33788
AFE#

Narrative:

This well was drilled in February 2001 and completed in March 2001 with a rod pumping IP of 192 BOD: 0 BWD; 38 MCFD. The wellbore consists of perms.in the Gx3; Gy2; Lv5; Lw4; Ly2 (2 zones); and the Mesa zone. The proposal to convert this well into an injection well will be performed by squeezing the Lw4 zone (5670-82') and initiating injection into the other existing perms. in the wellbore. A bottom hole pressure (BHP) survey will be conducted prior to injection along with an MIT test.

TD @ 5910'
Casing Shoe @ 5910'
Float Collar @ 5896'

Conversion Procedure

1. MIRU completion rig. POOH with rods and pump and lay down. NU BOP's and POOH with 2-7/8" tubing. RIH with 4-3/4" bit and 5-1/2" csg.scrapec and tbg.to PBTD of ~5897'. Circulate the hole with hot 2% KCL water and POOH with bit and scraper.
2. RIH with RBP and ret.pkr.and squeeze interval 5670-82' and drill out.
3. RIH with Arrowset I pkr.and set at ~5520' after circulating packer fluid.
4. Perform MIT test of casing to >1000# and run a BHP survey with bombs hanging at ~5600'.
5. Turn well over to production department to start well injection.

Original Kelly 2000 files - Jerry's conversion/plumb

INJECTION WELL DATA RWU				
WELL: <u>31-30B</u>		Date: <u>02/25/02</u>		
OPEN PERFS CURRENT	ZONE	FINAL INJECTION ZONES	ACTION	COMMENTS
5560-68' 5584-86'	Eu6 Ev5 Gt7 Gu6 Gu6b Gv5 Gw4 Gx3 Gy2	5560-68' 5584-86'		
5628-40'	Lt7 Lu6 Lv5 Lv5b	5628-40'	Squeeze	
5670-82	Lw4 Lx3			
5703-05, 5707-09'	Ly2	5703-05, 5707-09'		
5724-34'	Mesa Mesa	5724-34'		

ACTION

1. Squeeze Lw4 interval 5670-82'
2. Equip well, hook-up, MIT, and commence injection



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

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

APR 18 2002

Ref: 8P-W-GW

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Mr. Scott M. Webb
Regulatory Coordinator
Shenandoah Energy Company
475 Seventeenth Street, Suite #1000
Denver, CO 80202

RECEIVED
APR 23 2002
DIVISION OF
OIL, GAS AND MINING

RE: UNDERGROUND INJECTION CONTROL (UIC)
Final Permit
Red Wash Unit No. 31-30B
EPA Permit No. UT2926-04649
Uintah County, Utah

Dear Mr. Webb:

Enclosed is a Final Underground Injection Control Permit for the Shenandoah Energy, Inc. (Shenandoah) proposed Class II enhanced recovery injection well, the Red Wash Unit (RWU) No.31-30B, Uintah County, Utah. A Statement of Basis is also enclosed which discusses the development of the Permit.

The public comment period ended on April 4, 2002. There were no comments from either the general public or the land owners who may be affected by the proposed action.

Following conversion, but prior to injection, Shenandoah **must meet the requirements outlined in the Permit under Part II, Section C. 1., Prior to Commencing Injection, i.e., EPA Form No. 7520-12 (Well Rework Record), fluid pore pressure, and a Part I (Internal) Mechanical Integrity Test (MIT).** The operator shall submit these requirements to the Director for EPA review and approval. The permittee may commence injection following receipt of written authorization from the Director.

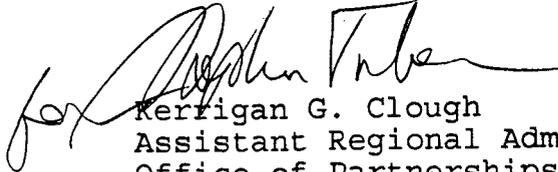
Please provide a minimum two (2) week notice to Mr. Jackson prior to the MITs so that the EPA can arrange to witness the test(s).

It is Shenandoah's responsibility to be familiar with, and to comply with, all conditions contained in this Permit.

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

If you have any questions on this action please contact Dan Jackson at 800-227-8917 (Ext.6155). Please submit all Prior to Commencing Injection Requirements to the ATTENTION: DAN JACKSON at the letterhead address, citing MAIL CODE: 8P-W-GW very prominently.

Sincerely,



Kerrigan G. Clough
Assistant Regional Administrator
Office of Partnerships and
Regulatory Assistance

Enclosures: Final Permit
Statement of Basis

cc w/ encl: Mr. D. Floyd Wopsock
Chairman
Uintah & Ouray Business Committee
Ute Indian Tribe

Ms. Elaine Willie
Environmental Director
Ute Indian Tribe

Superintendent
BIA - Uintah & Ouray Indian Agency

Mr. Jerry Kenczka
BLM - Vernal District Office

Mr. Gilbert Hunt
State of Utah Natural Resources
Division of Oil, Gas, and Mining

NO TO EXTENSION
NO TO RENEWAL
NO TO RENEWAL
NO TO RENEWAL
NO TO RENEWAL



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 8
999 18TH STREET - SUITE 300
DENVER, CO 80202-2466

UNDERGROUND INJECTION CONTROL PROGRAM

FINAL PERMIT
for
CONVERSION TO A CLASS II
ENHANCED RECOVERY INJECTION WELL

Permit No. UT2926-04649

Well Name: Red Wash Unit No. 31-30B

Field Name: Red Wash Unit (RWU)

County & State: Uintah County, Utah

issued to:

Shenandoah Energy Inc.
475 Seventeenth Street, Suite 1000
Denver, CO 80202

Date Prepared: April 2002



Printed on Recycled Paper

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PART I. AUTHORIZATION TO OPERATE

Pursuant to the Underground Injection Control Regulations of the U. S. Environmental Protection Agency codified at Title 40 of the Code of Federal Regulations (CFR) §§ 124, 144, 146, and 147,

Shenandoah Energy Inc.
475 Seventeenth Street, Suite 1000
Denver, CO 80202

is hereby authorized to convert and operate the Green River Formation oil well as the

Red Wash Unit No. 31-30B
950' FNL and 1943' FEL (SE NW NE)
Section 30, Township 7 South, Range 23 East
Uintah County, Utah

as a Class II Green River Formation enhanced recovery injection well.

Injection shall be for the purpose of increasing Green River Formation productivity so that Shenandoah Energy Inc. (SEI) may continue to economically produce oil from their Red Wash Field/Unit in accordance with conditions set forth herein.

All conditions set forth herein refer to Title 40 §§ 124, 144, 146, and 147 of the Code of Federal Regulations (40 CFR) and are regulations that are in effect on the date that this Permit becomes effective.

This Permit consists of a total of twenty-eight (28) pages and includes all items listed in the Table of Contents. Further, it is based upon representations made by the permittee and on other information contained in the administrative record.

This Permit and the authorization to operate are issued for the operating life of the well, unless modified, reissued, or terminated (Part III, Section B 1. of this Permit).

The Permit will be reviewed by EPA at least once every five (5) years to determine whether action under 40 CFR § 144.36 (a) is warranted.

The Permit will expire upon delegation of primary enforcement responsibility for the UIC Program to the State of Utah, Division of Oil, Gas, and Mining, or the Uintah-Ouray Indian Tribal Government, unless either the State or the Indian Tribal Government has adequate authority, and choose, to adopt and enforce this Permit as a State Permit or Tribal Government Permit.

Issued APR 18 2002

This Permit shall become effective APR 18 2002.



* *for* Kerrigan G. Clough
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

A. WELL CONVERSION REQUIREMENTS

1. **Casing and Cementing.** The conversion details submitted with the application are hereby incorporated into this Permit as **Appendix A**, and shall be binding on the permittee.
2. **Tubing and Packer Specifications.** A tubing of two and seven-eighths (2-7/8) inches diameter, or a similar appropriate diameter, shall be utilized. A packer shall be set at a distance of no more than 100 feet above the top perforation. Injection between the outer-most casing protecting underground sources of drinking water (USDWs) and the well bore is prohibited.
3. **Monitoring Devices.** The operator shall provide and maintain in good operating condition:
 - (a) a tap on the injection line, for the purpose of obtaining representative samples of the injection fluids;
 - (b) two (2), one-half (1/2) inch Female Iron Pipe (FIP) fittings, isolated by plug or globe valves, and located: 1) at the wellhead on the tubing; and 2) on the tubing/casing annulus (for attachment of pressure gauges). The gauges shall be designed to operate at a certified accuracy of at least ninety-five (95) percent, throughout the range of anticipated injection pressures; and
 - (c) a flow meter that will be used to measure cumulative volumes of injected fluid.
4. **Proposed Changes and Workovers.** The permittee shall give advance notice to the Director, as soon as possible, of any planned physical alterations or additions to the permitted well. Major alterations or workovers of the permitted well shall meet all conditions as set forth in this Permit. A major alteration/workover shall be considered any work performed, which affects casing, packer(s), or tubing.

Demonstration of mechanical integrity shall be performed within thirty (30) days of completion of workovers/alterations and prior to recommencing injection, in accordance with Part II, Section C. 2.

The permittee shall provide all records of well workovers, logging, and other test data to EPA within sixty (60) days of completion of the activity. **Appendix B** contains samples of the appropriate reporting forms.

5. **Formation Testing.** The permittee is required to determine the **injection zone fluid pore pressure (static bottom hole pressure)**.
6. **Postponement of Conversion.** If the well is **not converted** to injection status **within one (1) year** from the effective date of this Permit, **the authorization to convert and operate will automatically expire, unless the permittee requests and is granted an extension.** The request shall be made to the Director in writing, and shall state the reasons for the delay in conversion/construction, and confirm the protection of all USDWs. **The extension under this section may not exceed one (1) year.** Once authorization to convert and operate expires under this Part, the full permitting process, including opportunity for public comment, must be repeated before authorization to convert/construct and operate will be reissued. Financial responsibility shall be maintained during the period of inactivity in accordance with Part II, Section F.

B. CORRECTIVE ACTION

The applicant submitted the required one-quarter (1/4) mile Area of Review (AOR) information with the Permit application. There is one (1) active Green River Formation oil well, and two (2) temporarily abandoned (TA) Green River Formation oil wells. There are no proposed drilling locations, water wells, or springs in the AOR. No locations require corrective action. The permittee is required to inspect the surface location of all wells in the one-quarter (1/4) mile Area-of-Review for fluid leaks, and record the results of these observations. If surface leakage is observed, the operator shall halt injection into the RWU No. 31-30B, notify the Director within twenty-four (24) hours, and describe the measures to be undertaken for correction. The permittee shall provide a written report of the corrections taken and receive written authorization from the Director prior to resuming injection activities.

C. WELL OPERATION

1. **Prior to Commencing Injection.**
 - (a) Conversion is complete and the permittee has submitted a **Well Rework Record (Form 7520-12 in Appendix B)**;
 - (b) a **current wellbore diagram** has been submitted;
 - (c) the permittee has determined the **injection zone fluid pore pressure (static bottom-hole pressure)**; and
 - (d) the operator has demonstrated **Part I (Internal) Mechanical Integrity (MI)**, i.e., no significant leak in the casing, tubing, or packer. The demonstration shall be made by using a casing-tubing pressure test, or an approved alternate test method.

2. **Mechanical Integrity.** The operator shall ensure that the enhanced recovery injection well maintains mechanical integrity at all times. The Director, by written notice, may require the operator to comply with a schedule describing when mechanical integrity shall be made.
- (a) **Mechanical Integrity Test Methods.** Any of several EPA-approved methods may be used to demonstrate mechanical integrity (MI). Current copies of **GUIDANCE NO. 34: CEMENT BOND LOGGING TECHNIQUES AND INTERPRETATION**, dated April 19, 1995; **GUIDANCE NO. 37: DEMONSTRATING PART II (EXTERNAL) MECHANICAL INTEGRITY**, dated August 9, 1995; and **GUIDANCE NO. 39: PRESSURE TESTING INJECTION WELLS FOR PART I (INTERNAL) MECHANICAL INTEGRITY**, dated September 27, 1995, are provided at issuance of the Final Permit. Results of the test(s) shall be submitted on the appropriate EPA form to the Director as soon as possible, but no later than sixty (60) days after a test is completed.
- (b) **Frequency of Mechanical Integrity Testing.** The operator shall demonstrate Part I (Internal) mechanical integrity at least once every five (5) years during the life of the well. The permittee shall demonstrate Part I (Internal) mechanical integrity (no significant leak in the casing, tubing, or packer) after workovers affecting the tubing, casing, or packer. The operator shall arrange for and conduct all mechanical integrity tests.
- (c) **Prior Notification of Test.** The operator shall notify the Director at least two (2) weeks prior to any required integrity test. The Director may allow shorter notification period if it is sufficient to enable the 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 well basis.
- (d) **Loss of Mechanical Integrity.** If the well fails to demonstrate mechanical integrity during a test, or a loss of mechanical integrity as defined by 40 CFR § 146.8 becomes evident during operation, the operator shall notify the Director in accordance with Part III. E. 10. of this Permit. Injection activities shall be terminated immediately, and operations shall not be resumed until the operator has taken necessary actions to restore integrity to the well and the Director has given approval to recommence injection.
3. **Injection Interval.** As identified in **Appendix A**, injection shall be limited to the gross Green River Formation interval 4974 feet to 5897 feet. Additional perforations, within the gross interval, may be added later and reported on EPA Form 7520-12.

The **confining zone** overlying the injection interval consists of 118 feet (4856 feet to 4974 feet) of impervious dolomitic shale and mudstone.

4. **Injection Pressure Limitation.**

- (a) Injection pressure, measured at the surface, shall not exceed an amount that 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.
- (b) The exact pressure limit may be **increased or decreased** by the Director in order to ensure that the requirements in paragraph (a) are fulfilled. In order to determine an exact pressure limit, the permittee shall conduct a step rate injection test or other authorized well test(s) that will serve to determine the fracture pressure of the injection zone. Test procedures shall be pre-approved in writing by the Director. The Director will specify in writing, to the permittee, any increase or decrease to the injection pressure based upon the test results and/or other parameters reflecting actual injection operations. Until such time that this demonstration and approval is made **the maximum injection pressure, measured at the surface shall not exceed 1917 psig.**

5. **Injection Volume Limitation.** There is no limitation on the number of barrels of water per day (BWPD) that shall be injected into this well, provided further that in no case shall injection pressure exceed that limit shown in Part II, Section C. 3. (b) of this Permit. There is no limitation on the gross number of barrels that may be injected into this well.

6. **Injection Fluid Limitation.** The permittee shall not inject any hazardous substances, as defined by 40 CFR § 261, at any time during the operation of the facility; and further, no substances other than produced brines from oil and/or gas production. This well is not authorized for use as a Class II salt water disposal well.

7. **Annular Fluid.** The annulus between the tubing and the casing shall be filled with fresh water treated with a corrosion inhibitor to prevent corrosion. A diesel freeze blanket may be circulated from surface to below frost level at completion to prevent freezing and possible equipment failure during winter months, or other fluid as approved, in writing, by the Director.

D. MONITORING, RECORDKEEPING, AND REPORTING OF RESULTS

1. **Injection Well Monitoring Program**. Samples and measurements shall be representative of the monitored activity. The permittee shall utilize the applicable analytical methods described in Table 1 of 40 CFR § 136.3, or in Appendix III of 40 CFR § 261, or in certain circumstances, by other methods that have been approved by the EPA Administrator. Monitoring shall consist of:
 - (a) **Analysis of the injection fluids, performed:**
 - (i) **Annually** for Total Dissolved Solids, pH, Specific Conductivity, and Specific Gravity.
 - (ii) Whenever there is a change in the source of injection fluids, a comprehensive water analysis(es) shall be submitted to the Director within thirty (30) days of any change in injection fluids.
 - (b) **Monthly observations of flow rate, injection pressure and annulus pressure, and cumulative volume**. Observation of each shall be recorded monthly.
2. **Monitoring Information**. Records of any monitoring activity required under this Permit shall include:
 - (a) The date, exact place, the time of sampling or field measurements;
 - (b) the name of the individual(s) who performed the sampling or measurements;
 - (c) the exact sampling method(s) used to take samples;
 - (d) the date(s) laboratory analyses were performed;
 - (e) the name of the individual(s) who performed the analyses;
 - (f) the analytical techniques or methods used by laboratory personnel; and
 - (g) the results of such analyses.
3. **Recordkeeping**.
 - (a) The permittee shall retain records concerning:

- (i) the nature and composition of all injected fluids until three (3) years after the completion of plugging and abandonment which has been carried out in accordance with the Plugging and Abandonment Plan shown in Appendix C, and is consistent with 40 CFR § 146.10.
 - (ii) all monitoring information, including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation and copies of all reports required by this Permit for a period of at least five (5) years from the date of the sample, measurement or report throughout the operating life of the well.
- (b) The permittee shall continue to retain such records after the retention period specified in paragraphs (a) (i) and (a) (ii) unless he delivers the records to the Director or obtains written approval from the Director to discard the records.
 - (c) The permittee shall maintain copies (or originals) of all pertinent records at the office of

Shenandoah Energy Inc.
475 Seventeenth Street, Suite 1000
Denver, Colorado 80202.

4. **Annual Reporting.** The permittee shall submit to the Director an Annual Report that includes a summary of the results of the monitoring required by Part II. D. 1. a. and b. of this Permit, whether the well is injecting or not, and shall include the monthly records of **injection pressure, annulus pressure, injection flow rate, and cumulative volume.** EPA Form No. 7520-11 shall be submitted with the Annual Report. A blank EPA Form No. 7520-11 may be found in Appendix B.

The Annual Report shall be submitted by February 15 of the year following the data collection year. The first Annual Report shall cover the period from the effective date of the Permit through December 31. Subsequent Annual Reports shall cover the period from January 1 through December 31 of the data collection year.

E. PLUGGING AND ABANDONMENT

1. **Notice of Plugging and Abandonment.** The permittee shall notify the Director forty-five (45) days before conversion, or abandonment of the well.

2. **Plugging and Abandonment Plan.** The permittee shall plug and abandon the well as provided in the Plugging and Abandonment Plan, **Appendix C**. This plan incorporates information supplied by the permittee and may contain a clarification by the EPA. The EPA reserves the right to change the manner in which the well will be plugged if the well is modified during its permitted life or if the well is not made consistent with EPA requirements for construction and mechanical integrity. The Director may require the permittee to update the estimated plugging cost periodically. Such estimates, two (2), shall be based on an independent service company's cost for current EPA approved P&A operations, not an "in-house" cost estimate.

3. **Cessation of Injection Activities.** After a cessation of operations of two (2) years [40 CFR § 145.52 (a) (6)], the permittee shall plug and abandon the well in accordance with the Plugging and Abandonment Plan, unless the permittee:
 - (a) has provided notice to the Director;
 - (b) has demonstrated that the well will be used in the future;
 - (c) has described actions or procedures, satisfactory to the Director, that will be taken to ensure that the well will not endanger underground sources of drinking water during the period of temporary abandonment.

4. **Plugging and Abandonment Report.** Within sixty (60) days after plugging the well, the permittee shall submit a report on Form 7520-13 to the Director. The report shall be certified as accurate by the person who performed the plugging operation and the report shall consist of either: (1) a statement that the well was plugged in accordance with the plan; or (2) where actual plugging differed from the plan, a statement that specifies the different procedures followed.

F. FINANCIAL RESPONSIBILITY

1. **Demonstration of Financial Responsibility.** The permittee is required to maintain continuous financial responsibility and resources to close, plug and abandon the injection well as provided in the plugging and abandonment plan.
 - (a) Shenandoah Energy Inc. has submitted an updated Surety Bond for **\$2,016,000**, and a Standby Trust Agreement, for all existing Class II enhanced recovery injection wells in the Red Wash Unit. These documents have been reviewed and approved by the EPA. The Red Wash Unit No. 31-30B is included in this financial responsibility demonstration.
 - (b) The permittee may upon his own initiative and upon written request to EPA, change the method of demonstrating financial responsibility. Any such

change must be approved by the Director. A Minor Permit Modification will be made to reflect any changes in financial mechanisms, without further opportunity for public comment.

2. **Insolvency of Financial Institution.** In the event that an alternate demonstration of financial responsibility has been approved under (b), above, the permittee must submit an alternate demonstration of financial responsibility acceptable to the Director within sixty (60) days after either of the following events occur:

- (a) The institution issuing the trust or financial instrument files for bankruptcy; or
- (b) The authority of the trustee institution to act as trustee, or the authority of the institution issuing the financial instrument, is suspended or revoked.

3. **Cancellation of Demonstration by Financial Institution.**

The permittee must submit an alternative demonstration of financial responsibility acceptable to the Director, within sixty (60) days after the institution issuing the trust or financial instrument serves 120-day notice to the EPA of their intent to cancel the trust or financial statement.

PART III. GENERAL PERMIT CONDITIONS

A. EFFECT OF PERMIT

The permittee is allowed to engage in underground injection in accordance with the conditions of this Permit. The permittee, as authorized by this Permit, shall not construct, operate, maintain, convert, plug, abandon, or conduct any other injection 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 otherwise adversely affect the health of persons. Any underground injection activity not authorized in this Permit or otherwise authorized by Permit or 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.

B. PERMIT ACTIONS

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, the Permit is subject to Minor Permit Modifications for cause as specified in 40 CFR § 144.41. The filing of a request for a Permit Modification, revocation and reissuance, or 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 Permit condition.
2. **Conversions.** The Director may, for cause or upon a request from the permittee allow conversion of the well from a Class II salt water disposal well to a non-Class II well. Requests to convert the injection well from its Class II status to a non-Class II well, such as, a production well, must be made in writing to the Director. Conversion may not proceed until a Permit modification indicating the conditions of the proposed conversion is received by the permittee. Conditions of the modification may include such items as, but is not limited to, approval of the proposed well rework, follow up demonstration of mechanical integrity, and well specific monitoring and reporting following the conversion. This Permit remains in effect as issued or modified until all conversion requirements have been fulfilled, conversion is complete, and evidence has been submitted to the Director that the conversion has actually occurred and is complete.
3. **Transfers.** This Permit is not transferrable to any person except after notice is provided to the Director and the requirements of 40 CFR § 144.38 are complied with. 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 SDWA.
4. **Operator Change of Address.** Upon the operator's change of address, notice must be given to the following EPA office:

**Director - Ground Water Program
U. S. Environmental Protection Agency
Region VIII, UIC Section (8P-W-GW)
999 - 18th Street, Suite 300
Denver, CO 80202-2466**
5. **Termination of Permit.** Pursuant to 40 CFR § 144.40, the Director may terminate this Permit during its term or deny a Permit renewal application for non-compliance with any condition of the Permit, or for failure to fully disclose all relevant facts during the Permit issuance process or misrepresentation of relevant facts at any time, or for a determination that the permitted activity endangers human health and

the environment and can only be regulated to acceptable levels by Permit modification or termination.

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.

D. CONFIDENTIALITY

In accordance with 40 CFR Part 2 and 40 CFR § 144.5, any 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.

E. GENERAL DUTIES AND REQUIREMENTS

1. **Duty to Comply.** The permittee shall comply with all conditions of this Permit, except to the extent and for the duration such noncompliance is authorized by an emergency Permit. Any Permit noncompliance constitutes a violation of the SDWA and is grounds for enforcement action, Permit termination, revocation and reissuance, or modification. Such noncompliance may also be grounds for enforcement action under the Resource Conservation and Recovery Act (RCRA).
2. **Penalties for Violations of Permit Conditions.** Any person who violates a Permit requirement is subject to civil penalties, fines, and other enforcement action under the SDWA and may be subject to such actions pursuant to the RCRA. Any person who willfully violates Permit conditions may be subject to criminal prosecution.
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. **Duty to Provide Information.** The permittee shall furnish 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 the Permit. The permittee shall also furnish to the Director, upon request, copies of records required to be kept by this Permit.
7. **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.
8. **Records of Permit Application.** The permittee shall maintain records of all data required to complete the Permit application and any supplemental information submitted for a period of five (5) years from the effective date of this Permit. This period may be extended by request of the Director at any time.

9. **Signatory Requirements.** All reports or other information requested by the Director shall be signed and certified according to 40 CFR § 144.32.

10. **Reporting of Noncompliance.**

(a) **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.

(b) **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 thirty (30) days following each schedule date.

(c) **Twenty-four Hour Reporting.**

(i) The permittee shall report to the Director any noncompliance which may endanger health or the environment. Information shall be provided orally within twenty-four (24) hours from the time the permittee becomes aware of the circumstances by telephoning EPA at (800) 227-8917 (Ext. 6155) during normal business hours, or at (303) 293-1788 for reporting at all other times. The following information shall be included in the verbal report:

(A) Any monitoring or other information which indicates that any contaminant may cause endangerment to an underground source of drinking water.

(B) Any noncompliance with a Permit condition or malfunction of the injection system which may cause fluid migration into or between underground sources of drinking water.

(ii) A written submission shall also be provided 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 steps taken or planned to reduce, eliminate, and prevent recurrence of the noncompliance.

- (d) Other Noncompliance. The permittee shall report all other instances of noncompliance not otherwise reported at the time monitoring reports are submitted. The reports shall contain the information listed in Part III, Section E. 10.(C) (ii) of this Permit.

- (e) Other Information. Where the permittee becomes aware that he 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 submit such correct facts or information within two (2) weeks of the time such information became known to him.

APPENDIX A
(Conversion Details)

Surface casing
Size 9 5/8"
Weight 36#
Grade J-55
Cmtd w/ 175 sxs

Set @ 450'

Hole size 12 1/4"

Base USOWs/Base Unit 2 Pm. 3112' -

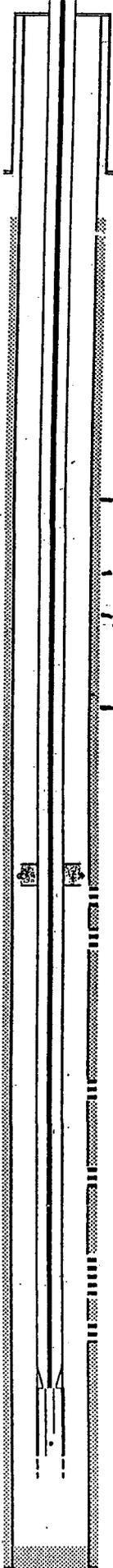
-3112' Top Green River

-3140' TOC by Applicant

-3278' Top 80% Bond Index Cement Bond

Cement bond in Confining Int.: 4946' - 4972' -

-4856' - 4974' Confining Zone



5560'-5568'

5584'-5586'

5628'-5640'

5670'-5682'

5703'-5705'

5707'-5709'

5724'-5734'

Production casing
Size 5 1/2", 15 1/2#, J-55
Cmtd w/ 1035 sxs

Set @ 5910'

Hole size 7 7/8"

Orig PBTD @ 5897'
TD @ 5910'

APPENDIX B

(Reporting Forms and Instructions)

1. EPA Form 7520- 7: APPLICATION TO TRANSFER PERMIT
2. EPA Form 7520-10: COMPLETION REPORT FOR BRINE DISPOSAL WELL
3. EPA Form 7520-11: ANNUAL DISPOSAL/INJECTION WELL MONITORING REPORT
4. EPA Form 7520-12: WELL REWORK RECORD
5. EPA Form 7520-13: PLUGGING RECORD

United States Environmental Protection Agency
Washington, DC 20460



Application To Transfer Permit

Name and Address of Existing Permittee	Name and Address of Surface Owner
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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. from (N/S) ___ Line of quarter section and ___ ft. from (E/W) ___ Line of quarter section.		
Well Activity		Well Status	Type of Permit
<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 <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 ___
Lease Number		Well Number	

Name(s) and Address(es) of New Owners(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
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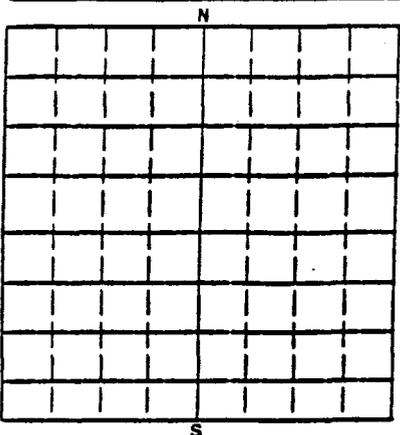
**COMPLETION REPORT FOR BRINE DISPOSAL,
HYDROCARBON STORAGE, OR ENHANCED RECOVERY WELL**

Approval Expires 6-30-98

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. from (N/S) ____ Line of quarter section
and ____ ft. from (E/W) ____ Line of quarter section

WELL ACTIVITY TYPE OF PERMIT
 Brine Disposal Individual Estimated Fracture Pressure
 Enhanced Recovery Area of Injection Zone
 Hydrocarbon Storage Number of Wells _____

Anticipated Daily Injection Volume (Bbls)		Injection Interval	
Average	Maximum	Feet	to Feet

Anticipated Daily Injection Pressure (PSI)		Depth to Bottom of Lowermost Freshwater Formation (Feet)
Average	Maximum	

Type of Injection Fluid (Check the appropriate block(s)) <input type="checkbox"/> Salt Water <input type="checkbox"/> Brackish Water <input type="checkbox"/> Fresh Water <input type="checkbox"/> Liquid Hydrocarbon <input type="checkbox"/> Other	Lease Name _____	Well Number _____
	Name of Injection Zone _____	

Date Drilling Began _____	Date Well Completed _____	Permeability of Injection Zone _____
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Date Drilling Completed _____	Porosity of Injection Zone _____
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CASING AND TUBING			CEMENT		HOLE	
OD Size	Wt/Ft — Grade — New or Used	Depth	Sacks	Class	Depth	Bit Diameter

INJECTION ZONE STIMULATION		WIRE LINE LOGS, LIST EACH TYPE	
Interval Treated	Materials and Amount Used	Log Type	Logged Intervals

Complete Attachments A — E listed on the reverse.

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)	DATE SIGNED
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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

WELL REWORK RECORD

NAME AND ADDRESS OF PERMITTEE	NAME AND ADDRESS OF CONTRACTOR
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<p>LOCATE WELL AND OUTLINE UNIT ON SECTION PLAT — 640 ACRES</p>	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. from (N/S) ____ Line of quarter section and ____ ft. from (E/W) ____ Line of quarter section		
	<p>WELL ACTIVITY</p> <input type="checkbox"/> Brine Disposal <input type="checkbox"/> Enhanced Recovery <input type="checkbox"/> Hydrocarbon Storage Lease Name _____	<p>Total Depth Before Rework _____</p> <p>Total Depth After Rework _____</p> <p>Date Rework Commenced _____</p> <p>Date Rework Completed _____</p>	<p>TYPE OF PERMIT</p> <input type="checkbox"/> Individual <input type="checkbox"/> Area Number of Wells _____ Well Number _____

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



PLUGGING RECORD

NAME AND ADDRESS OF PERMITTEE

NAME AND ADDRESS OF CEMENTING COMPANY

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 SECTION

TOWNSHIP

RANGE

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

Surface Location ____ ft. from (N/S) ____ Line of quarter section

and ____ ft. from (E/W) ____ Line of quarter section

TYPE OF AUTHORIZATION

- Individual Permit
 Area Permit
 Rule

Number of Wells ____

Describe in detail the manner in which the fluid was placed and the method used in introducing it into the hole

Lease Name

CASING AND TUBING RECORD AFTER PLUGGING

SIZE	WT(LB/FT)	TO BE PUT IN WELL (FT)	TO BE LEFT IN WELL (FT)	HOLE SIZE

WELL ACTIVITY

METHOD OF EMPLACEMENT OF CEMENT PLUGS

- CLASS I
 CLASS II
 Brine Disposal
 Enhanced Recovery
 Hydrocarbon Storage
 CLASS III

- The Balance Method
 The Dump Boiler Method
 The Two-Plug Method
 Other

CEMENTING TO PLUG AND ABANDON DATA:

	PLUG #1	PLUG #2	PLUG #3	PLUG #4	PLUG #5	PLUG #6	PLUG #7
Size of Hole or Pipe in which Plug Will Be Placed (inches)							
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

From	To	From	To

Signature of Cementer or Authorized Representative

Signature of EPA Representative

CERTIFICATION

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.
 (REF. 40 CFR 122.22)

NAME AND OFFICIAL TITLE (Please type or print)

SIGNATURE

DATE SIGNED

APPENDIX C
PLUGGING & ABANDONMENT PLAN)

RED WASH UNIT NO. 31-30B

PLUGGING AND ABANDONMENT PLAN

The Plugging and Abandonment Plan submitted by the applicant consists of five (5) cement plugs. This Plan is incorporated into this Permit. The Plan has been reviewed and approved by the EPA. The Plan is consistent with UIC requirements.

NOTE: CEMENT PLUGS ARE TO SEPARATED BY BENTONITE MUD OR A 9.5 POUND PER GALLON PLUGGING GEL (BRINE WATER WITH A GELLING AGENT).

PLUG NO. 1: Set a cast iron bridge plug (CIBP) approximately 4889 feet. Place thirty-five (35) feet of Class G cement on CIBP.

PLUG NO. 2: Set Class G cement plug inside of the 5-1/2 inch casing from 3358 feet to 3470 feet.

PLUG NO. 3: At 3070 feet, cut and pull 5-1/2 inch casing. Set Class G cement plug on 5-1/2 inch casing stub from 3020 feet to 3162 feet.

PLUG NO. 4: Set Class G cement plug inside of the 5-1/2 inch casing and 7-7/8 inch hole from 400 feet to 500 feet.

PLUG NO. 5: Set Class G cement plug inside of the 5-1/2 inch casing from the surface to a depth of fifty (50) feet.

STATEMENT OF BASIS

SHENANDOAH ENERGY INC.

RED WASH UNIT NO. 31-30B

CLASS II ENHANCED RECOVERY INJECTION WELL

UINTAH COUNTY, UTAH

EPA PERMIT NUMBER: UT2926-04649

CONTACT: Mr. Dan Jackson (8P-W-GW)
U. S. Environmental Protection Agency
999 18th Street, Suite 300
Denver, Colorado 80202-2466
Telephone: (303) 312-6155

DESCRIPTION OF FACILITY AND BACKGROUND INFORMATION:

On August 9, 2001, Shenandoah Energy Inc. (SEI) made application to convert the Red Wash Unit (RWU) No. 31-30B Green River Formation oil well to a Class II enhanced recovery injection well. Injected fluid will be produced Green River Formation water from the Red Wash Unit. The **average total dissolved solids (TDS)**, from twelve (12) RWU locations, i.e., twenty-three (23) analyses dated April and May 2001, identify average TDS produced Green River Formation water as **13,812 mg/l**. Individual analyses identify a range of TDS from 5640 mg/l to 28,100 mg/l. **The gross Green River Formation has been exempted as an Underground Source of Drinking Water (USDW).**

The area covered by the application is in the Red Wash Field/Red Wash Unit which lies under federal jurisdiction for purposes of UIC program implementation for the following reclassified well:

Red Wash Unit No.31-30B
950' FNL & 1943' FEL (NW NE)
Section 30 - Township 7 South - Range 23 East
Uintah County, Utah

The permittee has sent notices to all surface landowners and interested parties within one-quarter (1/4) mile of the proposed enhanced recovery injection well.

SEI has submitted all required information and data necessary for Permit issuance in accordance with 40 CFR §§ 144, 146 and 147, and a Permit has been prepared.

The Permit will be issued for the operating life of the well from the effective date of this Permit; therefore, no reapplication will be necessary unless the Permit is terminated for reasonable cause (40 CFR §§ 144.39, 144.40, and 144.41). However, the Permit will be reviewed every five (5) years.

This Statement of Basis (SOB) gives the derivation of the site specific Permit conditions and reasons for them, on the basis of the direct implementation regulations promulgated for the Uintah-Ouray Indian Tribal lands in the State of Utah, under the Underground Injection Control (UIC) program provisions for the Safe Drinking Water Act (SDWA). The referenced sections and conditions correspond to the sections and conditions in **Permit No. UT2926-04649**. The general Permit conditions for which the content is mandatory and not subject to site specific differences (based on 40 CFR §§ 144, 146 and 147), are not included in the discussion.

PART II: SPECIFIC PERMIT CONDITIONS

SECTION A: CURRENT WELL CONSTRUCTION

Casing and Cementing

(Condition 1)

The RWU No. 31-30B was completed for oil production April 2, 2001. Casing and cementing details were submitted by the applicant.

- (1) **Surface casing** (9-5/8 inch) is set in a 12-1/4 inch hole to a depth of 450 feet. The casing is secured with 175 sacks of Premium Plus cement which was circulated to the surface, isolating the casing from the wellbore. The Uinta Formation underground sources of drinking water (USDW) are from the surface to an approximate maximum depth of 3112 feet. The top of the Green River Formation is 3112 feet. The Plugging and Abandonment Plan requires a cement plug across this depth.
- (2) **Production casing** (5-1/2 inch) is set in a 7-7/8 inch hole to a depth of 5910 feet. Driller total depth is in the Green River Formation at 5910 feet. Plugged back total depth (PBSD) is 5897 feet. The production casing was set with 315 sacks of Hi-Fill Modified lead followed by 720 sacks of 50/50 Pozmix. The applicant cites the top of cement (TOC) as approximately 3140 feet by Cement Bond Log (CBL). The EPA's analysis of the CBL identifies the TOC (80% bond index cement bond) at 3278 feet.

Gross current injection perforations are 5560 feet to 5734 feet.

The Cement Bond Log (CBL) identifies 80% bond index cement bond 3278 feet to 3381 feet, 3543 feet to 3966 feet, 3982 feet to 4029 feet, 4070 feet to 4090 feet, 4221 feet to 4245 feet, 4497 feet to 4553 feet, 4605 feet to 4634 feet, 4696 feet to 4745 feet, 4913 feet to 4933 feet, **4946 feet to 4972 feet**, 4982 feet to 5106 feet, 5149 feet to 5203 feet, 5220 feet to 5249 feet, 5276 feet to 5299 feet, 5320 feet to 5351 feet, 5362 feet to 5390 feet, 5430 feet to 5457 feet, **5461 feet to 5624 feet**, 5683 feet to CBL total depth (TD) 5887 feet.

Cement interval 4946 feet to 4972 feet (26 feet) is located within the EPA and applicant identified **confining zone 4856 feet to 4974 feet**.

Cement interval 5461 feet to 5624 feet covers the uppermost set of injection perforations, **5560 feet to 5568 feet**.

The construction and proposed conversion of this well complies with the UIC requirements and is incorporated into the Permit.

UNDERGROUND SOURCES OF DRINKING WATER:

The State of Utah, Department of Natural Resources, Technical Publication No. 92, indicates that the base of moderately saline Uinta Formation ground water (3,000 mg/l to 10,000 mg/l) is from the surface to an approximate maximum depth of 3112 feet GL. The Uinta Formation extends from the surface to a depth of 3112 feet. The Uinta Formation consists of variegated sequences of mudstone, shales, siltstones, and sandstones. Uinta Formation sands are discontinuous, and are not subject to direct recharge (low yielding). Waters of less than 10,000 mg/l total dissolved solids (TDS) may be present in these sand lenses of the Uinta Formation in this area and may be considered USDWs.

SEI has submitted water analyses that identify the total dissolved solids composition of the proposed Green River Formation salt water disposal injection intervals and the injectate as ranging from 5640 mg/l to 28,100 mg/l.

Aquifer Exemption: The gross Green River Formation within the Red Wash Unit was exempted as an Underground Source of Drinking Water (USDW) in 1982 as part of the delegation of Utah's Class II Underground Injection Control (UIC) program ((40 CFR § 147.2251 (c) (2), re : Aquifer Exemption Process, dated June 16, 1982)).

WATER WELLS AND SPRINGS:

<http://nrwrt1.nr.state.ut.us/> (Water Rights) (Queries) (POD)

There are no water wells or springs within the RWU No. 31-30B one-quarter (1/4) mile AOR.

CONFINING INTERVAL:

The confining zone in the RWU No. 31-30B is identified by the EPA, and the applicant, as 118 feet (**4856 feet to 4974 feet**) of dolomitic shale and mudstone. The EPA identifies an interval of 80% effective cement bond on the backside of the 5-1/2 inch casing, within the confining zone, from **4946 feet to 4972 feet**.

Tubing and Packer Specifications

(Condition 2)

The 2-7/8 inch injection tubing information submitted by the applicant is incorporated into the permit, but the permittee may select any diameter tubing that will most effectively facilitate the injection operation. The packer will be set at a depth no more than 100 feet above the top perforation of 5560 feet.

Monitoring Devices

(Condition 3)

For the purposes of taking tubing and tubing/long string casing annulus pressure measurements, the EPA is requiring that the permittee install one-half (1/2) inch fittings or equivalent quick disconnect fittings, with cut-off valves at the well head on the tubing, and on the tubing/casing annulus (**for attachment of pressure gauges**). EPA is further requiring the permittee to install a sampling tap on the line to the injection well and a flow meter that will be used to measure cumulative volumes of injected fluid. The permittee shall be required to maintain these devices in good operating condition.

Formation Testing

(Condition 4)

The permittee is required to determine the **injection zone fluid pore pressure** (static bottom-hole pressure) prior to commencing injection operations.

PART II, Section B CORRECTIVE ACTION

The applicant submitted the required one-quarter (1/4) mile Area of Review (AOR) information with the Permit application. There are three (3) wells locations within the AOR.

RWU NO. 41-30B (Formerly No. 138)

NE NE Sec. 30 - T7S - R23E

Green River Oil Well.

Confining Zone:.....4766 feet to 4928 feet (162').

80% Bond Index Cement Bond:.....4416 feet to 4960 feet (544').

Should fluid leakage be observed at the surface of the RWU No.41-30B, the permittee will immediately suspend injection into the RWU No. 31-30B, and injection will stay suspended until the non-compliance has been resolved, and renewed injection has been approved in writing by the Director.

RWU NO. 34-19B (Formerly No. 125)
Temporarily Abandoned Green River Oil Well.
No cement log run on this well.

SW SE Sec. 19 - T7S - R23E

Should leakage be observed at the surface of the RWU No. 34-19B, the permittee will suspend injection into the RWU NO. 31-30B, and injection will stay suspended until the non-compliance has been resolved, and renewed injection has been approved in writing by the Director.

RWU NO. 21-30B (Formerly No. 172)
Temporarily Abandoned Green River Oil Well.

NE NW Sec. 30 - T7S - R23E

Confining Zone.....4834 feet to 4986 feet (152').

80% Bond Index Cement Bond.....4830 feet to 4986 feet (156')

Should leakage be observed at the surface of the RWU No. 21-30B, the permittee will suspend injection into the RWU No. 31-30B, and injection will stay suspended until the non-compliance has been resolved, and renewed injection has been approved in writing by the Director.

PART II, Section C WELL OPERATION

Prior To Commencing Injection

(Condition 1)

Injection into the RWU No. 31-30B will not commence until the permittee has successfully fulfilled the following applicable conditions of the Permit:

- (1) The permittee has determined the **injection zone fluid pore pressure**;
- (2) **mechanical integrity (MIT: Part I [Internal])** has been successfully demonstrated according to the Guidelines discussed in the Permit; and
- (3) a **Well Rework Record (EPA Form 7520-12)** following conversion.
- (4) **Written authorization** to inject will be given by the Director subsequent to the EPA review and approval of (1), (2), and (3) above.

Mechanical Integrity

(Condition 2)

A tubing/casing annulus pressure test (Part I MI) must be conducted, at least once every five (5) years (active injection wells) to demonstrate continued tubing, packer, and casing integrity by using an EPA approved methods.

Injection Interval

(Condition 3)

Injection will be limited to the gross Green River Formation "target" interval **4974 feet to 5897 feet**, as requested by SEI. Current gross perforated interval is 5560 feet to 5734 feet. The permittee may find it necessary to perforate additional intervals within the above gross "target" interval. These additional perforations may be added later and reported on EPA Form 7520-12.

Injection Pressure Limitation

(Condition 4)

The formation-face fracture gradient (FG) for the injection zone, as currently authorized, is 0.78 psi/ft. Using the 0.78 psi/ft FG value, a specific gravity of 1.005, and the uppermost injection perforation (5560 feet) a theoretical maximum allowable surface injection pressure (MAIP) for this well may be calculated as shown below:

$$\text{MAIP} = [\text{FG} - (0.433)(\text{Sg})] d$$

Where: MAIP = maximum pressure at wellhead in pounds per square inch

Sg = specific gravity of injected fluid 1.005

d = top injection perforation = 5560 feet

$$\text{or MAIP} = [0.78 - (0.433) (1.005)] 5560 = \mathbf{1917 \text{ psig}}$$

Until such time as the permittee demonstrates, through a step-rate injectivity test (SRT), or other approved method, that the fracture gradient is other than 0.78 psi/ft, the RWU No.31-30B shall be operated at a surface injection pressure no greater than **1917psig**. Permit provisions have been made that allows the Director to **increase or decrease** the injection pressure based upon the test results and/or other parameters reflecting actual injection operations.

Injection Volume Limitation

(Condition 5)

There is no limitation on the number of barrels of water per day (BWPD.) that may be injected into the RWU No. 31-30B, provided that in no case shall injection pressure exceed that limit shown in Part II, Section C. 4., of this Permit. Injected fluids shall be limited to that which are identified in 40 CFR § 144.6 (b) (2) as fluids used for enhanced recovery of oil or natural gas. The permittee shall provide a listing of the sources of injected fluids on an annual basis as required by the Permit.

Injection Fluid Limitation

(Condition 6)

Injected fluids shall be limited to those which are brought to the surface in connection with natural gas storage operations, or conventional oil or gas production and may be commingled with waste waters from gas plants which are an integral part of production operations in the Red Wash Unit/Field, unless those waters are classified as hazardous waste at the time of injection.

Fluids shall be further limited to those generated by sources owned or operated by the Permittee. If the Permittee wishes to dispose of any other Class II fluids generated on site, approval must be obtained from the Director prior to injection. The injection of any material regulated as hazardous under Subpart C - RCRA, as defined in 40 CFR § 261 is not allowed.

Annulus Fluid

(Condition 7)

The annulus between the tubing and casing is required to be filled with fresh water treated with a corrosion inhibitor. A diesel freeze blanket, or other fluid as approved in writing by the Director, may be circulated from surface to below the frost level to prevent freezing and possible equipment failure during winter months.

PART II, Section D MONITORING, RECORD KEEPING AND REPORTING OF RESULTS

Injection Well Monitoring Program

(Condition 1)

The permittee is required to monitor water quality of the injected fluids at annual intervals for total dissolved solids, pH, specific conductivity, and specific gravity. Any time there is a change in the source of injection fluid, a new water quality analysis of the injection fluid is required.

Monthly observations of flow rate, injection pressure, annulus pressure and cumulative volume will be made. Observation of each will be recorded on a monthly basis. The permittee shall maintain copies (or originals) of all pertinent records at the office of:

Shenandoah Energy Inc.
475 Seventeenth Street, Suite 1000
Denver, Colorado 80202.

PART II, Section E PLUGGING AND ABANDONMENT

Plugging and Abandonment Plan

(Condition 1)

The plugging and abandonment plan submitted by the applicant (Appendix C of the Permit) consists of five (5) cement plugs. The Plan is incorporated into the Permit under Appendix C. This Plan has been reviewed and approved by the EPA. The Plan is consistent with UIC requirements.

NOTE: CEMENT PLUGS ARE TO BE SEPARATED BY BENTONITE MUD OR A 9.6 P.G. PLUGGING GEL (BRINE WATER WITH A GELLING AGENT).

PLUG NO. 1: Set cast iron bridge plug (CIBP) approximately 4889 feet. Place 35 feet of Class G cement on CIBP.

PLUG NO. 2: Set Class G cement plug inside of the 5-1/2 inch casing from 3368 feet to 3470 feet.

PLUG NO. 3: Cut 5-1/2 inch casing at 3070 feet. Set cement plug from 3020 feet to 3162 feet in 7-7/8 inch hole.

PLUG NO. 4: Set Class G cement plug inside of the 5-1/2 inch casing and 7-7/8 inch hole from 400 feet to 500 feet.

PLUG NO. 5: Set cement plug inside of the 5-1/2 inch casing from the surface to a depth of fifty (50) feet.

PART II, Section F FINANCIAL RESPONSIBILITY

Demonstration of Financial Responsibility

(Condition 1)

Shenandoah Energy Inc. has chosen to demonstrate financial responsibility (FRD) through a Surety Bond and Standby Trust Agreement, which documents are valued at \$2,016,000. The RWU No. 31-30B is included in the \$2,016,000. P&A costs per well are cited as \$18,000. The EPA has reviewed and approved the FRD documents.

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.
UTU02026

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.
UTU630100

1. Type of Well
 Oil Well Gas Well Other

8. Well Name and No.
RWU 31-30B

2. Name of Operator
SHENANDOAH ENERGY INC
Contact: DAHN CALDWELL
E-Mail: dahn.caldwell@questar.com

9. API Well No.
43-047-33788-00-S1

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

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

10. Field and Pool, or Exploratory
RED WASH

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Sec 30 T7S R23E NWNE 950FNL 1943FEL

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 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 type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input checked="" 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.)

- 1 - MIRU Gudac Brothers to start conversion of rod pumping well to injection well.
- 2 - LD rods & pump.
- 3 - NDWH & NU BOP's. Attempt to release anchor and would not release.
- 4 - MIRU Cutters WL & ran a freepoint & located 6' bottom pup below the 4' perf sub is stuck. Cut off tbg @ 5766' wireline measurement which leaves a 8'x2-7/8" stub; 4' perf sub; 6' pup and NC.
- RDMO Cutters WL
- 5 - POOH w/ 2-7/8" tbg. RIH w/ 4-3/4" OD wash pipe with shoe and overshot with grapple & recovered fish.
- 6 - RIH on tbg with a RBP & ret pkr and set the RBP @ 5696'. Set pkr @ 5648' to isolate perfs 5670-82'. Pumped 15 bbls KCL water down tbg @ 3 BPM @ 500# & communicated with perfs 5628-40'.
- 7 - Reset pkr @ 5610' & combined perfs 5628-40' & 5670-82' to prepare to squeeze.
- 8 - MIRU cement crew & squeeze perfs 5628-40' & 5670-82' w/ 75 sxs of Premium cement to 2500#.

14. I hereby certify that the foregoing is true and correct.
Electronic Submission #14721 verified by the BLM Well Information System
For SHENANDOAH ENERGY INC, sent to the Vernal
Committed to AFMSS for processing by LEBLIE WALKER on 10/10/2002 (02LW9568SE)

Name (Printed/Typed) JIM SIMONTON Title COMPLETION MANAGER

Signature (Electronic Submission) Date 10/03/2002

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By **ACCEPTED** Title **ACCEPTED** Date **10/26/2002**

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 Vernal

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.

**** REVISED ** REVISED ****

Additional data for EC transaction #14721 that would not fit on the form**32. Additional remarks, continued**

- 9 - Reset pkr @ 5608' & pressure tbg & squeeze to 1500# and SIFN. RDMO cement crew.
- 10 - RIH w/ ret head & tbg to 5695' & latch onto RBP and release and reset @ 5638' & test csg to 1150# for 30 minutes and no loss of psi.
- 11 - Release RBP @ 5538' & POOH w/ plug & tbg.
- 12 - MIRU Cutters W/L & perf interval 5628-40' (Lv5 - reperfated after squeeze). RDMO Cutters.
- 13 - RIH w/ injection tubulars as follows: 5-1/2" x 2-3/8" ArrowSet I pkr; 1.81" F' Nipple; 2-3/8" x 2-7/8" x-over and 171 lbs of 2-7/8" tbg to surface.
- 14 - Circ annulus to w/pkr fluid and ND BOP's & set pkr @ 5531'. NU WH. Pressure test annulus to 1120# and no leak off in 30 minutes.
- 15 - A static BHP survey & a MIT test have been performed on this well. Conversion to water injection well is complete pending EPA approval.

CONFIDENTIAL - TIGHT HOLE

Do not release well information without permission from Shenandoah Energy Inc.

DATE: 12/18/2002

SHENANDOAH ENERGY INC

Logs not received for wells completed

API NUMBER	WELL NAME	LOGS NEEDED
43 047 34122	GB 7W 25-8-21	COMP NEUTRON TL/GR, ARRAY INDUC W/LC-GR
43 047 34531	GB 7W 30-8-22	COMP NEUTRON-DENSITY, ARRAY INDUCTION, CBL-VDL
43 047 34532	GB 8W 30-8-22	COMPENSATED NEUTRON TLD
43 047 34533	GB 9W 30-8-22	DIPOLE SONIC IMAGER COMP ENUTRON GR, CBL
43 047 33754	GB 11W 16-8-22	SPECTRAL DENSITY DSN, HRI
43 047 34039	GB 11W 20-8-22	COMP NEUTRON TL/GR, ARRAY INDUC W/LC-GR
43 047 34327	GH 1W 20-8-21	MECH SIDEWALL CRG TOOL
43 047 33848	GH 15W 21-8-21	SPECTRAL DENSITY, DUAL LATERLOG
43 047 34573	OU GB 1W 29-8-22	CMT VOL, AI W/LC-GR, COMP NEUTRON TLD
43 047 34546	OU GB 3W 29-8-22	SPECTRAL DENSITY DSN
43 047 34549	OU GB 5W 29-8-22	MECH SDWLL CRG TL
43 047 34554	OU GB 14W 29-8-22	SECTOR BOND LOG, SPECTRA SCAN IMA
43 047 33591	RWU 12-24A	SPECTRAL DENSITY, HIRES INDUCTION
43 047 33766	RWU 22-29B	SPECTRAL DENSITY, HIRES INDUCTION
43 047 33567	RWU 23-24A	SPECTRAL DENSITY, HIRES INDUCTION
43 047 33788	RWU 31-30B <i>TODS R33E S-30</i>	CBL-VDL
43 047 33771	RWU 42-30B	CBL-VDL
43 047 34006	WR 14W 4-8-22	MUD LOG
43 047 34106	WV 3G 10-8-21	CBL-VDL
43 047 34390	WV 15G 5-8-22	DIPOLE SONIC IMAGER - GR/CCL
43 047 34243	WV 2W 22-8-21	HIRES INDUCTION

43 047 34144	WV 4W 13-8-21	COMPENSATED DENSITY NEUTRON, ARRAY INDUCTION
43 047 33954	WV 5W 17-8-21	SPECTRAL DENSITY, HIRES INDUCTION
43 047 34246	WV 7W 15-8-21	CBL
43 047 34065	WV 7W 36-7-21	HR INDUCTION
43 047 34456	WV 10W 5-8-22	CBL
43 047 34279	WV 12W 14-8-21	MECH SCT
43 047 34251	WV 16W 15-8-21	CBL-VDL
43 047 33662	WVFU 15G 9-8-21	COMP NEUTRON DENS, ARRAY IND, MECH CORING
43 047 33602	WVFU 1W 21-8-21	CBL-VDL
43 047 33613	WVFU 1W-24-8-21	SPECTRAL DENSITY, DUAL LATERLOG
43 047 33603	WVFU 3W-13-8-21	SPECTRAL DENSITY, DUAL LATERLOG, CBL-VDL
43 047 33957	WVFU 8W-11-8-21	CBL-VDL
43 047 33793	WVFU 8W-13-8-21	CBL/GR
43 047 33269	WVFU 9W-14-8-21	SPECTRAL DENSITY, DUAL LATERLOG
43 047 33795	WVFU 10W-13-8-21	DIPOLE SONIC, CBL
43 047 33626	WVFU 11W-18-8-22	CBL-VDL
43 047 33606	WVFU 13W-13-8-21	DIPOLE SONIC, CBL-VDL
43 047 33607	WVFU 13W-14-8-21	DIPOLE SONIC, COMP NEUTRON
43 047 33645	WVFU 16W-2-8-21	DUAL LATERLOG

From: Carol Daniels
To: raleen.searle@questar.com
Subject: Requesting logs for wells that have been completed

Hi Raleen,

I am attaching a list for logs we have not received for wells that have been completed. Any questions, please call me at 801-538-5284.

Thank you and have a Merry Christmas and a Happy New Year!

May 28, 2003

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

Attention: John Baza/Jim Thompson

Gentlemen:

This will serve as notice that through the internal corporate changes described below, activities formerly conducted in the name of either Shenandoah Operating Company, LLC (SOC) and/or Shenandoah Energy, Inc. (SEI) will hereafter be conducted in the name of QEP Uinta Basin, Inc.: i) the Shenandoah entities were purchased in July, 2001 by Questar Market Resources, Inc., which is a mid-level holding company for the non-utility businesses of Questar Corporation, ii) Shenandoah Operating Company, LLC has now been merged into Shenandoah Energy, Inc. (SEI), iii) Shenandoah Energy, Inc. has now been re-named **QEP Uinta Basin, Inc.** pursuant to a State of Delaware Amended and Restated Certificate of Incorporation, iv) the same employees will continue to be responsible for operations of the former SOC and SEI properties, both in the field and in the office. Accordingly, the change involves only an internal corporate name change and no third party change of operator is involved. Please alter your records to reflect the entity name change. Attached is a spreadsheet listing all wells affected by this change.

Should you have any questions, please call me at 303 - 308-3056.

Yours truly,



Frank Nielsen
Division Landman

Enclosure

RECEIVED

JUN 02 2003

DIV. OF OIL, GAS & MINING



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

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

IN REPLY REFER TO
UT-922

June 9, 2003

QEP Uinta Basin, Inc.
1050 17th Street, Suite 500
Denver, Colorado 80265

Re: Red Wash Unit
Uintah County, Utah

Gentlemen:

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

This indenture was executed by all required parties and the signatory parties have complied with Sections 5 and 6 of the unit agreement. The instrument is hereby approved effective June 9, 2003. In approving this designation, the Authorized Officer neither warrants nor certifies that the designated party has obtained all required approval that would entitle it to conduct operations under Red Wash Unit Agreement.

Your nationwide (Eastern States) oil and gas bond No. B000024 will be used to cover all operations within the Red Wash Unit.

It is requested that you notify all interested parties of the name change of unit operator. Copies of the approved instruments are being distributed to the appropriate federal offices, with one copy returned herewith.

Sincerely,

/s/ Robert A. Henricks

Robert A. Henricks
Chief, Branch of Fluid Minerals

Enclosure

bcc: Field Manager - Vernal (w/enclosure)
SITLA
Division of Oil, Gas & Mining
Minerals Adjudication Group
File – Red Wash Unit (w/enclosure)
Agr. Sec. Chron
Fluid Chron

UT922:TAThompson:tt:6/9/03

JUL 07 2003

3104 (932.34)WF
Nationwide Bond ESB000024

NOTICE

QEP Uinta Basin, Inc.
1050 17th Street Suite 500
Denver, Colorado 80265

:
: Oil and Gas
: lease
:

Name Change Recognized

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

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

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

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

S/Wilbert B. Forbes

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

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

TRANSFER OF AUTHORITY TO INJECT

Well Name and Number <u>See Attached List</u>		API Number
Location of Well		Field or Unit Name <u>Red Wash</u>
Footage :	County : <u>Uintah</u>	Lease Designation and Number
QQ, Section, Township, Range:	State : <u>UTAH</u>	

EFFECTIVE DATE OF TRANSFER: _____

CURRENT OPERATOR

Company: <u>Shenandoah Energy Inc</u>	Name: <u>John Busch</u>
Address: <u>11002 East 17500 South</u>	Signature: <u>John Busch</u>
<u>city Vernal state UT zip 84078</u>	Title: <u>District Foreman</u>
Phone: <u>(435) 781-4300</u>	Date: <u>9-02-03</u>
Comments:	

NEW OPERATOR

Company: <u>QEP Uinta Basin, Inc.</u>	Name: <u>John Busch</u>
Address: <u>11002 East 17500 South</u>	Signature: <u>John Busch</u>
<u>city Vernal state UT zip 84078</u>	Title: <u>District Foreman</u>
Phone: _____	Date: <u>9-02-03</u>
Comments:	

(This space for State use only)

Transfer approved by: [Signature]
Title: Public Services Manager

Approval Date: 9-10-03

Comments: Case # 105-01
located in Indian Country, EPA
is primary use Agency.

RECEIVED
SEP 04 2003
DIV. OF OIL, GAS & MINING

well_name	Sec	T	R	api	Entity	Lease Type	type	stat	Field	Footages
RED WASH UNIT 261	17	070S	230E	4304732739	5670	Federal	WI	A	Red Wash	1785 FSL, 1843 FWL
RWU 100-A (43-21A)	21	070S	220E	4304715219	5670	Federal	WI	A	Red Wash	1787 FSL, 534 FEL
RWU 102 (41-24A)	24	070S	220E	4304715221	5670	Federal	WI	A	Red Wash	1360 FNL, 660 FEL
RWU 11	27	070S	230E	4304715142	5670	Federal	WI	A	Red Wash	660 FSL, 2030 FEL
RWU 11-19B	19	070S	230E	4304733552	5670	Federal	WI	A	Red Wash	618 FNL, 477 FWL
RWU 11-20B	20	070S	230E	4304733553	5670	Federal	WI	A	Red Wash	761 FNL, 677 FWL
RWU 11-25A	25	070S	220E	4304733574	5670	Federal	WI	A	Red Wash	1206 FNL, 491 FWL
RWU 11-29B	29	070S	230E	4304733590	5670	Federal	WI	A	Red Wash	786 FNL, 819 FWL
RWU 11-30B	30	070S	230E	4304733785	5670	Federal	WI	A	Red Wash	590 FNL, 787 FWL
RWU 12-24A	24	070S	220E	4304733591	5670	Federal	WI	A	Red Wash	1528 FNL, 930 FWL
RWU 13-19B	19	070S	230E	4304733497	5670	Federal	WI	A	Red Wash	1802 FSL, 374 FWL
RWU 13-20B	20	070S	230E	4304733498	5670	Federal	WI	A	Red Wash	2143' FSL, 704' FWL
RWU 13-25A	25	070S	220E	4304733575	5670	Federal	WI	A	Red Wash	1446 FSL, 664 FWL
RWU 14 (14-13B)	13	070S	230E	4304715144	5670	Federal	WI	A	Red Wash	660 FSL, 660 FWL
RWU 148 (13-22B)	22	070S	230E	4304715261	5670	Federal	WI	A	Red Wash	2073 FSL, 660 FWL
RWU 150 (31-22B)	22	070S	230E	4304715263	5670	Federal	WI	I	Red Wash	595 FNL, 1935 FEL
RWU 156 (23-15B)	15	070S	230E	4304715267	5670	Federal	WI	A	Red Wash	2115 FSL, 1982 FWL
RWU 16 (43-28B)	28	070S	230E	4304716475	5670	Federal	WI	I	Red Wash	1980 FSL, 660 FEL
RWU 161 (14-20B)	20	070S	230E	4304715271	5670	Federal	WI	I	Red Wash	660 FSL, 678 FWL
RWU 17 (41-20B)	20	070S	230E	4304715146	5670	Federal	WI	A	Red Wash	660 FNL, 660 FEL
RWU 170 (41-15B)	15	070S	230E	4304716495	5670	Federal	WI	I	Red Wash	660 FNL, 660 FEL
RWU 173 (21-21B)	21	070S	230E	4304716496	5670	Federal	WI	A	Red Wash	660 FNL, 1980 FWL
RWU 174 (21-20B)	20	070S	230E	4304715281	5670	Federal	WI	A	Red Wash	660 FNL, 1980 FWL
RWU 182 (14-21B)	21	070S	230E	4304716497	5670	Federal	WI	A	Red Wash	629 FSL, 652 FWL
RWU 183 (33-13B)	13	070S	230E	4304715289	5670	Federal	WI	A	Red Wash	1833 FSL, 2027 FEL
RWU 185 (41-1B)	14	070S	230E	4304716498	5670	Federal	WI	A	Red Wash	747 FNL, 660 FEL
RWU 199 (43-22A)	22	070S	220E	4304715301	5670	Federal	WI	A	Red Wash	1980 FSL, 658 FEL
RWU 2 (14-24B)	24	070S	230E	4304716472	5670	Federal	WI	A	Red Wash	735 FSL, 790 FWL
RWU 202 (21-34A)	34	070S	220E	4304715303	5670	Federal	WI	I	Red Wash	660 FNL, 1980 FWL
RWU 213 (41-33B)	33	070S	230E	4304720060	5670	Federal	WD	A	Red Wash	660 FNL, 580 FEL
RWU 215 (43-28A)	28	070S	220E	4304730058	5670	Federal	WI	A	Red Wash	1980' FSL, 661 FEL
RWU 216 (21-27A)	27	070S	220E	4304730103	5670	Federal	WI	A	Red Wash	660 FNL, 1976 FWL
RWU 23 (21-23B)	23	070S	230E	4304715151	5670	Federal	WI	A	Red Wash	695 FNL, 2015 FWL
RWU 23-18C (97)	18	070S	240E	4304715216	5670	Federal	WI	I	Red Wash	1956 FSL, 1699 FWL
RWU 25 (23-23B)	23	070S	230E	4304716476	5670	Federal	WI	A	Red Wash	1980 FSL, 1980 FWL
RWU 258 (34-22A)	22	070S	220E	4304730458	5670	Federal	WI	A	Red Wash	885 FSL, 2025 FEL

RWU 263 (24-26B)	26	070S	230E	4304730518	5670	Federal	WI	I	Red Wash	591 FSL, 2007 FWL
RWU 264 (31-35B)	35	070S	230E	4304730519	5670	Federal	WI	A	Red Wash	687 FNL, 2025 FEL
RWU 266 (33-26B)	26	070S	230E	4304730521	5670	Federal	WI	I	Red Wash	1980 FSL, 1980 FEL
RWU 268 (43-17B)	17	070S	230E	4304732980	5670	Federal	WI	A	Red Wash	1924 FSL, 981 FEL
RWU 269 (13-26B)	26	070S	230E	4304730522	5670	Federal	WI	I	Red Wash	2170' FSL, 670' FWL
RWU 271 (42-35B)	35	070S	230E	4304731081	5670	Federal	WI	I	Red Wash	1979 FNL, 660 FEL
RWU 274 (13-25B)	25	070S	230E	4304731083	5670	Federal	WI		Red Wash	2129 FSL, 659 FWL
RWU 275 (31-26B)	26	070S	230E	4304731077	5670	Federal	WI	A	Red Wash	675 FNL, 1869 FEL
RWU 279 (11-36B)	36	070S	230E	4304731052	5670	Federal	WI	A	Red Wash	659 FNL, 660 FWL
RWU 283 (43-18B)	18	070S	230E	4304732982	5670	Federal	WI	A	Red Wash	1899 FSL, 708 FEL
RWU 31-19B	19	070S	230E	4304733555	5670	Federal	WI	A	Red Wash	601 FNL, 1770 FEL
RWU 31-25A	25	070S	220E	4304733577	5670	Federal	WI	A	Red Wash	1248 FNL, 2159 FEL
RWU 31-30B	30	070S	230E	4304733788	5670	Federal	WI	A	Red Wash	950 FNL, 1943 FEL
RWU 33-19B	19	070S	230E	4304733499	5670	Federal	WI	A	Red Wash	2606 FSL, 1851 FEL
RWU 33-20B	20	070S	230E	4304733500	5670	Federal	WI	A	Red Wash	2210 FSL, 2295 FEL
RWU 33-25A	25	070S	220E	4304733578	5670	Federal	WI	A	Red Wash	1413 FSL, 1809 FEL
RWU 33-30B	30	070S	230E	4304733790	5670	Federal	WI	A	Red Wash	1775 FSL, 1937 FEL
RWU 34 (23-14B)	14	070S	230E	4304715161	5670	Federal	WI	A	Red Wash	1980 FSL, 1980 FWL
RWU 34-13A	13	070S	220E	4304733593	5670	Federal	WI	A	Red Wash	1302 FSL, 1725 FEL
RWU 34-24A	24	070S	220E	4304733568	5670	Federal	WI	A	Red Wash	1295 FSL, 2125 FEL
RWU 48 (32-19B)	19	070S	230E	4304715174	5670	Federal	WI	I	Red Wash	1830 FNL, 1980 FEL
RWU 56 (41-28B)	28	070S	230E	4304715182	5670	Federal	WI	A	Red Wash	660 FNL, 660 FEL
RWU 59 (12-24B)	24	070S	230E	4304716477	5670	Federal	WI	A	Red Wash	1980 FNL, 660 FWL
RWU 6 (41-21B)	21	070S	230E	4304716482	5670	Federal	WI	A	Red Wash	660' FNL, 660 FEL
RWU 61 (12-27A)	27	070S	220E	4304716478	5670	Federal	WI	I	Red Wash	2034 FNL, 689 FWL
RWU 68 (41-13B)	13	070S	230E	4304716485	5670	Federal	WI	I	Red Wash	660 FNL, 660 FEL
RWU 7 (41-27B)	27	070S	230E	4304716473	5670	Federal	WI	I	Red Wash	567 FNL, 621 FEL
RWU 88 (23-18B)	18	070S	230E	4304715210	5670	Federal	WI	A	Red Wash	1980 FSL, 1980 FWL
RWU 91 (33-22B)	22	070S	230E	4304716479	5670	Federal	WI	A	Red Wash	1980 FSL, 3300 FWL
RWU 93 (43-27B)	27	070S	230E	4304716480	5670	Federal	WI	I	Red Wash	660 FSL, 660 FEL
RWU 324 (23-16B)	16	070S	230E	4304733084	5670	State	WI	I	Red Wash	1274 FSL, 1838 FWL

OPERATOR CHANGE WORKSHEET

ROUTING

1. GLH
2. CDW
3. FILE

Change of Operator (Well Sold)

Designation of Agent/Operator

X Operator Name Change

Merger

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

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

CA No. Unit: RED WASH UNIT

WELL(S)									Confid
NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS	
RWU 34-13A	13	070S	220E	4304733593	5670	Federal	WI	A	
RWU 34-24A	24	070S	220E	4304733568	5670	Federal	WI	A	
RWU 31-25A	25	070S	220E	4304733577	5670	Federal	WI	A	
RWU 33-25A	25	070S	220E	4304733578	5670	Federal	WI	A	
RWU 61 (12-27A)	27	070S	220E	4304716478	5670	Federal	WI	I	
RWU 34 (23-14B)	14	070S	230E	4304715161	5670	Federal	WI	A	
RWU 283 (43-18B)	18	070S	230E	4304732982	5670	Federal	WI	A	
RWU 31-19B	19	070S	230E	4304733555	5670	Federal	WI	A	
RWU 33-19B	19	070S	230E	4304733499	5670	Federal	WI	A	
RWU 48 (32-19B)	19	070S	230E	4304715174	5670	Federal	WI	I	
RWU 33-20B	20	070S	230E	4304733500	5670	Federal	WI	A	
RWU 6 (41-21B)	21	070S	230E	4304716482	5670	Federal	WI	A	
RWU 59 (12-24B)	24	070S	230E	4304716477	5670	Federal	WI	A	
RWU 269 (13-26B)	26	070S	230E	4304730522	5670	Federal	WI	I	
RWU 275 (31-26B)	26	070S	230E	4304731077	5670	Federal	WI	A	
RWU 56 (41-28B)	28	070S	230E	4304715182	5670	Federal	WI	A	
RWU 31-30B	30	070S	230E	4304733788	5670	Federal	WI	A	
RWU 33-30B	30	070S	230E	4304733790	5670	Federal	WI	A	
RWU 271 (42-35B)	35	070S	230E	4304731081	5670	Federal	WI	I	
RWU 279 (11-36B)	36	070S	230E	4304731052	5670	Federal	WI	A	

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: 9/10/2003

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:

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

FROM: (Old Operator): N2460-QEP Uinta Basin, Inc. 1050 17th St, Suite 500 Denver, CO 80265 Phone: 1 (303) 672-6900	TO: (New Operator): N5085-Questar E&P Company 1050 17th St, Suite 500 Denver, CO 80265 Phone: 1 (303) 672-6900
---	--

CA No.		Unit:		RED WASH UNIT				
WELL NAME	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)
RED WASH 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
RWU 1 (41-26B)	RW 41-26B	NENE	26	070S	230E	4304715135	5670	Federal	OW	TA
RWU 3 (34-23B)	RW 34-23B	SWSE	23	070S	230E	4304715136	5670	Federal	OW	P
RWU 4 (41-22B)	RW 41-22B	NENE	22	070S	230E	4304715137	5670	Federal	OW	TA
RWU 5 (41-23B)	RW 41-23B	NENE	23	070S	230E	4304715138	5670	Federal	OW	P
RWU 8 (32-22B)	RW 32-22B	SWNE	22	070S	230E	4304715139	5670	Federal	OW	P
RWU 9 (43-23B)	RW 43-23B	NESE	23	070S	230E	4304715140	5670	Federal	OW	P
RWU 10 (12-23B)	RW 12-23B	SWNW	23	070S	230E	4304715141	5670	Federal	OW	TA
RWU 11	RW 34-27B	SWSE	27	070S	230E	4304715142	99996	Federal	WI	A
RWU 13 (14-22B)	RW 14-22B	SWSW	22	070S	230E	4304715143	5670	Federal	OW	TA
RW 14-13B	RW 14-13B	SWSW	13	070S	230E	4304715144	99996	Federal	WI	A
RWU 15 (32-17C)	RW 32-17C	SWNE	17	070S	240E	4304715145	5670	Federal	OW	P
RWU 17 (41-20B)	RW 41-20B	NENE	20	070S	230E	4304715146	5670	Federal	WI	A
RWU 19 (34-26B)	RW 34-26B	SWSE	26	070S	230E	4304715148	5670	Federal	GW	S
RWU 21 (32-14B)	RW 32-14B	SWNE	14	070S	230E	4304715150	5670	Federal	OW	P
RWU 23 (21-23B)	RW 21-23B	SENW	23	070S	230E	4304715151	99996	Federal	WI	A
RWU 24 (34-14B)	RW 34-14B	SWSE	14	070S	230E	4304715152	5670	Federal	OW	S
RWU 26 (23-22B)	RW 23-22B	NESW	22	070S	230E	4304715153	5670	Federal	OW	TA
RWU 27 (43-14B)	RW 43-14B	NESE	14	070S	230E	4304715154	5670	Federal	OW	TA
RWU 28 (43-22B)	RW 43-22B	NESE	22	070S	230E	4304715155	5670	Federal	OW	P
RWU 29 (32-23B)	RW 32-23B	SWNE	23	070S	230E	4304715156	5670	Federal	OW	P
RW 23-13B	RW 23-13B	NESW	13	070S	230E	4304715157	5670	Federal	GW	TA
RWU 31 (34-22B)	RW 34-22B	SWSE	22	070S	230E	4304715158	5670	Federal	OW	P
RWU 33 (14-14B)	RW 14-14B	SWSW	14	070S	230E	4304715160	5670	Federal	GW	TA
RWU 34 (23-14B)	RW 23-14B	NESW	14	070S	230E	4304715161	99996	Federal	WI	A
RW 43-13B	RW 43-13B	NESE	13	070S	230E	4304715162	5670	Federal	OW	TA
RWU 36 (32-13B)	RW 32-13B	SWNE	13	070S	230E	4304715163	5670	Federal	GW	P
RWU 38 (14-23B)	RW 14-23B	SWSW	23	070S	230E	4304715165	5670	Federal	OW	P
RWU 39 (14-24A)	RW 14-24A	SWSW	24	070S	220E	4304715166	5670	Federal	OW	TA
RWU 40 (21-24B)	RW 21-24B	NENW	24	070S	230E	4304715167	5670	Federal	OW	TA
RWU 41 (34-13B)	RW 34-13B	SWSE	13	070S	230E	4304715168	5670	Federal	OW	P
RWU 42 (21-29C)	RW 21-29C	NENW	29	070S	240E	4304715169	5670	Federal	GW	P
RWU 43 (12-17B)	RW 12-17B	SWNW	17	070S	230E	4304715170	5670	Federal	OW	P
RWU 44 (32-33C)	RW 32-33C	SWNE	33	070S	240E	4304715171	5670	Federal	GW	P
RWU 45 (23-30B)	RW 23-30B	NESW	30	070S	230E	4304715172	5670	Federal	OW	TA
RWU 46 (41-21C)	RW 41-21C	NENE	21	070S	240E	4304715173	5670	Federal	GW	TA
RWU 48 (32-19B)	RW 32-19B	SWNE	19	070S	230E	4304715174	99996	Federal	WI	I
RWU 49 (12-29B)	RW 12-29B	SWNW	29	070S	230E	4304715175	5670	Federal	OW	TA
RWU 50 (14-23A)	RW 14-23A	SWSW	23	070S	220E	4304715176	5670	Federal	OW	P
RWU 52 (14-18B)	RW 14-18B	SWSW	18	070S	230E	4304715178	5670	Federal	OW	TA
RWU 53 (41-25A)	RW 41-25A	NENE	25	070S	220E	4304715179	5670	Federal	OW	TA
RWU 56 (41-28B)	RW 41-28B	NENE	28	070S	230E	4304715182	99996	Federal	WI	A

QEP Uinta Basin (N2460) to QUESTAR E and P (N5085)
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Original Well Name	Well Name & No.	Q/Q	SEC	TWP	RNG	API	Entity	Lease	Well Type	Status
RWU 57 (12-18C)	RW 12-18C	SWNW	18	070S	240E	4304715183	5670	Federal	OW	P
RWU 63 (21-22B)	RW 21-22B	NENW	22	070S	230E	4304715186	5670	Federal	GW	TA
RWU 64 (32-27B)	RW 32-27B	SWNE	27	070S	230E	4304715187	5670	Federal	OW	TA
RWU 66 (34-18B)	RW 34-18B	SWSE	18	070S	230E	4304715189	5670	Federal	OW	P
RWU 67 (42-22B)	RW 42-22B	SENE	22	070S	230E	4304715190	5670	Federal	OW	TA
RWU 69 (21-27B)	RW 21-27B	NENW	27	070S	230E	4304715191	5670	Federal	OW	TA
RWU 70 (23-22A)	RW 23-22A	NESW	22	070S	220E	4304715192	5670	Federal	OW	P
RWU 71 (21-18C)	RW 21-18C	NENW	18	070S	240E	4304715193	5670	Federal	OW	P
RWU 72 (23-27B)	RW 23-27B	NESW	27	070S	230E	4304715194	5670	Federal	OW	TA
RWU 74 (12-13B)	RW 12-13B	SWNW	13	070S	230E	4304715196	5670	Federal	GW	S
RWU 75 (21-26B)	RW 21-26B	NENW	26	070S	230E	4304715197	5670	Federal	OW	TA
RWU 76 (32-18C)	RW 32-18C	SWNE	18	070S	240E	4304715198	5670	Federal	GW	P
RWU 77 (21-13B)	RWU 77 (21-13B)	NENW	13	070S	230E	4304715199	5670	Federal	OW	P
RWU 78 (32-28B)	RW 32-28B	SWNE	28	070S	230E	4304715200	5670	Federal	OW	P
RWU 79 (12-27B)	RW 12-27B	SWNW	27	070S	230E	4304715201	5670	Federal	OW	TA
RWU 80 (14-27B)	RW 14-27B	SWSW	27	070S	230E	4304715202	5670	Federal	OW	S
RWU 81 (41-31B)	RW 41-31B	NENE	31	070S	230E	4304715203	5670	Federal	OW	P
RWU 83 (41-27A)	RW 41-27A	NENE	27	070S	220E	4304715205	5670	Federal	OW	P
RWU 84 (44-14B)	RW 44-14B	SESE	14	070S	230E	4304715206	5670	Federal	GW	P
RWU 88 (23-18B)	RW 23-18B	NESW	18	070S	230E	4304715210	5670	Federal	WI	A
RWU 90 (43-21B)	RW 43-21B	NESE	21	070S	230E	4304715211	5670	Federal	OW	P
RWU 92 (11-23B)	RW 11-23B	NWNW	23	070S	230E	4304715212	5670	Federal	OW	TA
RWU 94 (12-22A)	RW 12-22A	SWNW	22	070S	220E	4304715213	5670	Federal	OW	P
RWU 23-18C (97)	RW 23-18C	NESW	18	070S	240E	4304715216	99996	Federal	WI	I
RWU 99 (12-22B)	RW 12-22B	SWNW	22	070S	230E	4304715218	5670	Federal	OW	P
RWU 100-A (43-21A)	RW 43-21A	NESE	21	070S	220E	4304715219	5670	Federal	WI	A
RWU 101 (34-21B)	RW 34-21B	SWSE	21	070S	230E	4304715220	5670	Federal	OW	P
RWU 102 (41-24A)	RW 41-24A	SENE	24	070S	220E	4304715221	5670	Federal	WI	A
RWU 103 (34-15B)	RW 34-15B	SWSE	15	070S	230E	4304715222	5670	Federal	OW	P
RWU 108 (32-21B)	RW 32-21B	SWNE	21	070S	230E	4304715226	5670	Federal	OW	P
RWU 109 (21-28B)	RW 21-28B	NENW	28	070S	230E	4304715227	5670	Federal	OW	P
RWU 110 (23-23A)	RW 23-23A	NESW	23	070S	220E	4304715228	5670	Federal	OW	P
RWU 111 (32-24A)	RW 32-24A	SWNE	24	070S	220E	4304715229	5670	Federal	OW	S
RWU 112 (32-28A)	RW 32-28A	SWNE	28	070S	220E	4304715230	5670	Federal	OW	S
RWU 115 (21-19B)	RW 21-19B	NENW	19	070S	230E	4304715233	5670	Federal	OW	P
RWU 119 (43-29A)	RW 43-29A	NESE	29	070S	220E	4304715236	5670	Federal	OW	P
RWU 120 (23-28B)	RW 23-28B	NESW	28	070S	230E	4304715237	5670	Federal	OW	TA
RW 13-13B	RW 13-13B	NWSW	13	070S	230E	4304715238	5670	Federal	GW	P
RWU 122 (24-14B)	RW 24-14B	SESW	14	070S	230E	4304715239	5670	Federal	OW	P
RWU 125 (34-19B)	RW 34-19B	SWSE	19	070S	230E	4304715242	5670	Federal	OW	TA
RWU 126 (41-29A)	RW 41-29A	NENE	29	070S	220E	4304715243	5670	Federal	OW	P

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Original Well Name	Well Name & No.	Q/Q	SEC	TWP	RNG	API	Entity	Lease	Well Type	Status
RWU 127 (12-19B)	RW 12-19B	SWNW	19	070S	230E	4304715244	5670	Federal	OW	S
RWU 129 (14-15B)	RW 14-15B	SWSW	15	070S	230E	4304715246	5670	Federal	OW	P
RWU 133 (41-34B)	RW 41-34B	NENE	34	070S	230E	4304715250	5670	Federal	OW	P
RWU 136 (43-19B)	RW 43-19B	NESE	19	070S	230E	4304715252	5670	Federal	OW	TA
RWU 137 (34-28B)	RW 34-28B	SWSE	28	070S	230E	4304715253	5670	Federal	GW	TA
RWU 138 (41-30B)	RW 41-30B	NENE	30	070S	230E	4304715254	5670	Federal	OW	P
RWU 140 (24-22B)	RW 24-22B	SESW	22	070S	230E	4304715255	5670	Federal	OW	P
RWU 141 (11-27B)	RW 11-27B	NWNW	27	070S	230E	4304715256	5670	Federal	OW	TA
RWU 143 (33-14B)	RW 33-14B	NWSE	14	070S	230E	4304715257	5670	Federal	OW	P
RWU 144 (21-18B)	RW 21-18B	NENW	18	070S	230E	4304715258	5670	Federal	OW	TA
RW 24-13B	RW 24-13B	SESW	13	070S	230E	4304715259	5670	Federal	OW	TA
RWU 147 (22-22B)	RW 22-22B	SESW	22	070S	230E	4304715260	5670	Federal	OW	TA
RWU 148 (13-22B)	RW 13-22B	NWSW	22	070S	230E	4304715261	99996	Federal	WI	A
RWU 150 (31-22B)	RW 31-22B	NWNE	22	070S	230E	4304715263	99996	Federal	WI	I
RWU 151 (42-14B)	RW 42-14B	SENE	14	070S	230E	4304715264	5670	Federal	OW	P
RWU 153 (14-29B)	RW 14-29B	SWSW	29	070S	230E	4304715265	5670	Federal	OW	P
RWU 156 (23-15B)	RW 23-15B	NESW	15	070S	230E	4304715267	99990	Federal	WI	A
RWU 158 (32-30B)	RW 32-30B	SWNE	30	070S	230E	4304715268	5670	Federal	OW	P
RWU 160 (32-15B)	RW 32-15B	SWNE	15	070S	230E	4304715270	5670	Federal	OW	P
RWU 161 (14-20B)	RW 14-20B	SWSW	20	070S	230E	4304715271	99996	Federal	WI	I
RWU 162 (12-20B)	RW 12-20B	SWNW	20	070S	230E	4304715272	5670	Federal	OW	P
RWU 164 (12-28B)	RW 12-28B	SWNW	28	070S	230E	4304715274	5670	Federal	OW	P
RWU 165 (32-26B)	RW 32-26B	SWNE	26	070S	230E	4304715275	5670	Federal	GW	TA
RWU 167 (23-21B)	RW 23-21B	NESW	21	070S	230E	4304715277	5670	Federal	OW	S
RWU 168 (23-24B)	RW 23-24B	NESW	24	070S	230E	4304715278	5670	Federal	OW	TA
RWU 172 (21-30B)	RW 21-30B	NENW	30	070S	230E	4304715280	5670	Federal	OW	TA
RWU 174 (21-20B)	RW 21-20B	NENW	20	070S	230E	4304715281	5670	Federal	WI	A
RWU 176 (31-28B)	RW 31-28B	NWNE	28	070S	230E	4304715283	5670	Federal	OW	TA
RWU 177 (42-28B)	RW 42-28B	SENE	28	070S	230E	4304715284	5670	Federal	OW	TA
RW 22-13B	RW 22-13B	SESW	13	070S	230E	4304715285	5670	Federal	OW	TA
RWU 180 (31-23B)	RW 31-23B	NWNE	23	070S	230E	4304715287	5670	Federal	OW	TA
RWU 181 (34-30B)	RW 34-30B	SWSE	30	070S	230E	4304715288	5670	Federal	OW	P
RW 33-13B	RW 33-13B	NWSE	13	070S	230E	4304715289	5670	Federal	WI	A
RWU 184 (23-26B)	RW 23-26B	NESW	26	070S	230E	4304715290	5670	Federal	GW	S
RWU 188 (23-20B)	RW 23-20B	NESW	20	070S	230E	4304715291	5670	Federal	OW	TA
RWU 192 (41-33A)	RW 41-33A	NENE	33	070S	220E	4304715294	5670	Federal	OW	P
RWU 193 (43-24B)	RW 43-24B	NESE	24	070S	230E	4304715295	5670	Federal	GW	TA
RWU 194 (12-14B)	RW 12-14B	SWNW	14	070S	230E	4304715296	5670	Federal	OW	S
RWU 196 (23-17C)	RW 23-17C	NESW	17	070S	240E	4304715298	5670	Federal	GW	TA
RWU 199 (43-22A)	RW 43-22A	NESE	22	070S	220E	4304715301	99996	Federal	WI	A
RWU 201 (32-28C)	RW 32-28C	SWNE	28	070S	240E	4304715302	5670	Federal	GW	P

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Original Well Name	Well Name & No.	Q/Q	SEC	TWP	RNG	API	Entity	Lease	Well Type	Status
RWU 202 (21-34A)	RW 21-34A	NENW	34	070S	220E	4304715303	99996	Federal	WI	I
RWU 204 (23-25A)	RW 23-25A	NESW	25	070S	220E	4304715305	5670	Federal	OW	P
RWU 205 (23-21C)	RW 23-21C	NESW	21	070S	240E	4304715306	5670	Federal	GW	TA
RWU 2 (14-24B)	RW 14-24B	SWSW	24	070S	230E	4304716472	99996	Federal	WI	A
RWU 7 (41-27B)	RW 41-27B	NENE	27	070S	230E	4304716473	99996	Federal	WI	I
RWU 16 (43-28B)	RW 43-28B	NESE	28	070S	230E	4304716475	99996	Federal	WI	I
RWU 25 (23-23B)	RW 23-23B	NESW	23	070S	230E	4304716476	99996	Federal	WI	A
RWU 59 (12-24B)	RW 12-24B	SWNW	24	070S	230E	4304716477	99996	Federal	WI	A
RWU 61 (12-27A)	RW 12-27A	SWNW	27	070S	220E	4304716478	99996	Federal	WI	I
RWU 91 (33-22B)	RW 33-22B	NWSE	22	070S	230E	4304716479	99996	Federal	WI	A
RWU 93 (43-27B)	RW 43-27B	NESE	27	070S	230E	4304716480	99996	Federal	WI	I
RWU 6 (41-21B)	RW 41-21B	NENE	21	070S	230E	4304716482	99996	Federal	WI	A
RWU 68 (41-13B)	RW 41-13B	NENE	13	070S	230E	4304716485	99996	Federal	WI	I
RWU 170 (41-15B)	RW 41-15B	NENE	15	070S	230E	4304716495	99996	Federal	WI	I
RWU 173 (21-21B)	RW 21-21B	NENW	21	070S	230E	4304716496	99996	Federal	WI	A
RWU 182 (14-21B)	RW 14-21B	SWSW	21	070S	230E	4304716497	99996	Federal	WI	A
RWU 185 (41-1B)	RW 41-14B	NENE	14	070S	230E	4304716498	99996	Federal	WI	A
RWU 212 (41-8F)	RW 41-8F	NENE	08	080S	240E	4304720014	5670	Federal	GW	P
RWU 213 (41-33B)	RW 41-33B	NENE	33	070S	230E	4304720060	99996	Federal	WD	A
RWU 215 (43-28A)	RW 43-28A	NESE	28	070S	220E	4304730058	99996	Federal	WD	A
RWU 216 (21-27A)	RW 21-27A	NENW	27	070S	220E	4304730103	99996	Federal	WI	A
RWU 219 (44-21C)	RW 44-21C	SESE	21	070S	240E	4304730149	5670	Federal	GW	S
RWU 220 (22-23B)	RW 22-23B	SENW	23	070S	230E	4304730192	5670	Federal	OW	TA
RWU 221 (13-27B)	RW 13-27B	NWSW	27	070S	230E	4304730199	5670	Federal	OW	TA
RWU 222 (31-27B)	RW 31-27B	NWNE	27	070S	230E	4304730200	5670	Federal	GW	TA
RWU 224 (44-22B)	RW 44-22B	SESE	22	070S	230E	4304730202	5670	Federal	GW	TA
RWU 225 (13-23B)	RW 13-23B	NWSW	23	070S	230E	4304730212	5670	Federal	GW	TA
RWU 226 (24-23B)	RW 24-23B	SESW	23	070S	230E	4304730249	5670	Federal	GW	S
RWU 227 (14-26B)	RW 14-26B	SWSW	26	070S	230E	4304730257	5670	Federal	OW	TA
RWU 228 (21-34B)	RW 21-34B	NENW	34	070S	230E	4304730258	5670	Federal	OW	P
RWU 229 (43-26B)	RW 43-26B	NESE	26	070S	230E	4304730259	5670	Federal	OW	TA
RWU 230 (14-18C)	RW 14-18C	SWSW	18	070S	240E	4304730309	5670	Federal	OW	P
RWU 231 (21-35B)	RW 21-35B	NENW	35	070S	230E	4304730310	5670	Federal	OW	TA
RWU 232 (12-26B)	RW 12-26B	SWNW	26	070S	230E	4304730311	5670	Federal	OW	TA
RWU 233 (12-25B)	RW 12-25B	SWNW	25	070S	230E	4304730312	5670	Federal	OW	TA
RWU 234 (32-24B)	RW 32-24B	SWNE	24	070S	230E	4304730313	5670	Federal	OW	P
RWU 235 (34-18C)	RW 34-18C	SWSE	18	070S	240E	4304730314	5670	Federal	OW	S
RWU 236 (21-19C)	RW 21-19C	NENW	19	070S	240E	4304730340	5670	Federal	GW	P
RWU 237 (14-25B)	RW 14-25B	SWSW	25	070S	230E	4304730341	5670	Federal	OW	P
RWU 238 (32-35B)	RW 32-35B	SWNE	35	070S	230E	4304730342	5670	Federal	OW	TA
RWU 239 (41-35B)	RW 41-35B	NENE	35	070S	230E	4304730343	5670	Federal	OW	TA

QEP Uinta Basin (N2460) to QUESTAR E and P (N5085)
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Original Well Name	Well Name & No.	Q/Q	SEC	TWP	RNG	API	Entity	Lease	Well Type	Status
RWU 240 (12-36B)	RW 12-36B	SWNW	36	070S	230E	4304730344	5670	Federal	OW	S
RWU 241 (22-14B)	RW 22-14B	SENW	14	070S	230E	4304730345	5670	Federal	OW	P
RW 42-13B	RW 42-13B	SENE	13	070S	230E	4304730346	5670	Federal	OW	P
RWU 243 (42-18C)	RW 42-18C	SENE	18	070S	240E	4304730347	5670	Federal	OW	TA
RWU 244 (23-19C)	RW 23-19C	NESW	19	070S	240E	4304730348	5670	Federal	GW	P
RWU 246 (22-18C)	RW 22-18C	SENW	18	070S	240E	4304730387	5670	Federal	OW	P
RWU 247 (22-17C)	RW 22-17C	SENW	17	070S	240E	4304730388	5670	Federal	GW	P
RWU 258 (34-22A)	RW 34-22A	SWSE	22	070S	220E	4304730458	5670	Federal	WI	A
RWU 262 (22-26B)	RW 22-26B	SENW	26	070S	230E	4304730517	5670	Federal	GW	TA
RWU 263 (24-26B)	RW 24-26B	SESW	26	070S	230E	4304730518	99996	Federal	WI	I
RWU 264 (31-35B)	RW 31-35B	NWNE	35	070S	230E	4304730519	99996	Federal	WI	A
RWU 265 (44-26B)	RW 44-26B	SESE	26	070S	230E	4304730520	5670	Federal	GW	P
RWU 266 (33-26B)	RW 33-26B	NWSE	26	070S	230E	4304730521	99996	Federal	WI	I
RWU 269 (13-26B)	RW 13-26B	NWSW	26	070S	230E	4304730522	99996	Federal	WI	A
RWU 273 (42-27B)	RW 42-27B	SENE	27	070S	230E	4304731051	5670	Federal	OW	TA
RWU 279 (11-36B)	RW 11-36B	NWNW	36	070S	230E	4304731052	99996	Federal	WI	A
RWU 276 (44-27B)	RW 44-27B	SESE	27	070S	230E	4304731053	5670	Federal	OW	TA
RWU 272 (44-23B)	RW 44-23B	SESE	23	070S	230E	4304731054	5670	Federal	GW	P
RWU 278 (11-26)	RW 11-26	NWNW	26	070S	230E	4304731076	5670	Federal	GW	TA
RWU 275 (31-26B)	RW 31-26B	NWNE	26	070S	230E	4304731077	99996	Federal	WI	A
RWU 280 (11-35B)	RW 11-35B	NWNW	35	070S	230E	4304731079	5670	Federal	OW	P
RWU 282 (42-26B)	RW 42-26B	SENE	26	070S	230E	4304731080	5670	Federal	GW	TA
RWU 271 (42-35B)	RW 42-35B	SENE	35	070S	230E	4304731081	5670	Federal	WI	I
RWU 270 (22-35B)	RW 22-35B	SENW	35	070S	230E	4304731082	5670	Federal	OW	P
RWU 284 (33-23B)	RW 33-23B	NWSE	23	070S	230E	4304731476	5670	Federal	GW	TA
RWU 285 (11-24B)	RW 11-24B	NWNW	24	070S	230E	4304731477	5670	Federal	OW	P
RWU 286 (42-21B)	RW 42-21B	SENE	21	070S	230E	4304731478	5670	Federal	OW	P
RW 44-13B	RW 44-13B	SESE	13	070S	230E	4304731512	5670	Federal	OW	TA
RWU 288 (24-27)	RW 24-27	SESW	27	070S	230E	4304731513	5670	Federal	OW	TA
RWU 289 (13-24B)	RW 13-24B	NWSW	24	070S	230E	4304731517	5670	Federal	OW	P
RWU 292 (42-23B)	RW 42-23B	SENE	23	070S	230E	4304731576	5670	Federal	GW	TA
RWU 295 (11-22B)	RW 11-22B	NWNW	22	070S	230E	4304731577	5670	Federal	GW	TA
RWU 296 (12-35B)	RW 12-35B	SWNW	35	070S	230E	4304731578	5670	Federal	OW	S
RWU 297 (24-15B)	RW 24-15B	SESW	15	070S	230E	4304731579	5670	Federal	OW	P
RWU 293 (22-22A)	RW 22-22A	SENW	22	070S	220E	4304731581	5670	Federal	OW	TA
RWU 294 (24-18C)	RW 24-18C	SESW	18	070S	240E	4304731582	5670	Federal	GW	P
RWU 298 (22-27B)	RW 22-27B	SENW	27	070S	230E	4304731679	5670	Federal	OW	TA
RWU 301 (43-15B)	RW 43-15B	NESE	15	070S	230E	4304731682	5670	Federal	GW	TA
RWU 302 (22-24B)	RW 22-24B	SENW	24	070S	230E	4304731683	5670	Federal	GW	TA
RWU 303 (34-17B)	RW 34-17B	SWSE	17	070S	230E	4304731819	5670	Federal	OW	P
RED WASH 305 (41-4F)	RW 41-4F	C-NE	04	080S	240E	4304732538	5670	Federal	GW	TA

RED WASH UNIT

Original Well Name	Well Name & No.	Q/Q	SEC	TWP	RNG	API	Entity	Lease	Well Type	Status
RED WASH 306	RW 23-23C	NESW	23	070S	240E	4304732629	5670	Federal	GW	P
RWU 207	RW 14-17B	SWSW	17	070S	230E	4304732738	5670	Federal	OW	P
RED WASH UNIT 261	RW 23-17B	NESW	17	070S	230E	4304732739	5670	Federal	WI	A
RWU 268 (43-17B)	RW 43-17B	NESE	17	070S	230E	4304732980	5670	Federal	WI	A
RWU 267 (32-17B)	RW 32-17B	SWNE	17	070S	230E	4304732981	5670	Federal	OW	P
RWU 283 (43-18B)	RW 43-18B	NESE	18	070S	230E	4304732982	5670	Federal	WI	A
RWU 299 (32-18B)	RW 32-18B	SWNE	18	070S	230E	4304733018	5670	Federal	OW	P
RWU 42-20B	RW 42-20B	SENE	20	070S	230E	4304733490	5670	Federal	OW	P
RWU 22-20B	RW 22-20B	SENE	20	070S	230E	4304733491	5670	Federal	OW	S
RWU 24-19B	RW 24-19B	SESW	19	070S	230E	4304733492	5670	Federal	OW	P
RWU 13-19B	RW 13-19B	NWSW	19	070S	230E	4304733497	5670	Federal	WI	A
RWU 13-20B	RW 13-20B	NWSW	20	070S	230E	4304733498	5670	Federal	WI	A
RWU 33-19B	RW 33-19B	NWSE	19	070S	230E	4304733499	5670	Federal	WI	A
RWU 33-20B	RW 33-20B	NWSE	20	070S	230E	4304733500	5670	Federal	WI	A
RED WASH 22-21B	RW 22-21B	SENE	21	070S	230E	4304733522	5670	Federal	OW	S
RED WASH 24-20B	RW 24-20B	SESW	20	070S	230E	4304733523	5670	Federal	OW	P
RED WASH 44-19B	RW 44-19B	SESE	19	070S	230E	4304733524	5670	Federal	OW	P
RED WASH 44-20B	RW 44-20B	SESE	20	070S	230E	4304733525	5670	Federal	OW	P
RWU 11-19B	RW 11-19B	NWNW	19	070S	230E	4304733552	5670	Federal	WI	A
RWU 11-20B	RW 11-20B	NWNW	20	070S	230E	4304733553	5670	Federal	WI	A
RWU 24-18B	RW 24-18B	SESW	18	070S	230E	4304733554	5670	Federal	OW	P
RWU 31-19B	RW 31-19B	NWNE	19	070S	230E	4304733555	5670	Federal	WI	A
RWU 42-19B	RW 42-19B	SENE	19	070S	230E	4304733556	5670	Federal	OW	P
RWU 22-19B	RW 22-19B	SENE	19	070S	230E	4304733559	5670	Federal	OW	P
RWU 23-24A	RW 23-24A	NESW	24	070S	220E	4304733567	5670	Federal	OW	P
RWU 34-24A	RW 34-24A	SWSE	24	070S	220E	4304733568	5670	Federal	WI	A
RWU 42-24A	RW 42-24A	SENE	24	070S	220E	4304733569	5670	Federal	OW	S
RWU 11-25A	RW 11-25A	NWNW	25	070S	220E	4304733574	5670	Federal	WI	A
RWU 13-25A	RW 13-25A	NWSW	25	070S	220E	4304733575	5670	Federal	WI	A
RWU 21-25A	RW 21-25A	NENW	25	070S	220E	4304733576	5670	Federal	OW	P
RWU 31-25A	RW 31-25A	NWNE	25	070S	220E	4304733577	5670	Federal	WI	A
RWU 33-25A	RW 33-25A	NWSE	25	070S	220E	4304733578	5670	Federal	WI	A
RW 41-25AX	RW 41-25A	NENE	25	070S	220E	4304733579	5670	Federal	OW	P
RWU 42-25A	RWU 42-25A	SENE	25	070S	220E	4304733580	5670	Federal	OW	TA
RWU 11-29B	RW 11-29B	NWNW	29	070S	230E	4304733590	5670	Federal	WI	A
RWU 12-24A	RW 12-24A	SWNW	24	070S	220E	4304733591	5670	Federal	WI	A
RWU 21-24A	RW 21-24A	NENW	24	070S	220E	4304733592	5670	Federal	OW	P
RWU 34-13A	RW 34-13A	SWSE	13	070S	220E	4304733593	5670	Federal	WI	A
RWU 44-18B	RW 44-18B	SESE	18	070S	230E	4304733594	5670	Federal	OW	P
RW 22-13A	RW 22-13A	SENE	13	070S	220E	4304733765	13296	Federal	OW	S
RWU 22-29B	RW 22-29B	SENE	29	070S	230E	4304733766	5670	Federal	OW	S

QEP Uinta Basin (N2460) to QUESTAR E and P (N5085)
RED WASH 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
RWU 41-24A	RW 41-24A	NENE	24	070S	220E	4304733769	5670	Federal	OW	P
RWU 42-30B	RW 42-30B	SENE	30	070S	230E	4304733771	5670	Federal	OW	P
RWU 44-30B	RWU 44-30B	SESE	30	070S	230E	4304733772	5670	Federal	OW	P
RWU 11-30B	RW 11-30B	NWNW	30	070S	230E	4304733785	5670	Federal	WI	A
RWU 22-25A	RW 22-25A	SENE	25	070S	220E	4304733786	5670	Federal	OW	P
RWU 31-30B	RW 31-30B	NWNE	30	070S	230E	4304733788	5670	Federal	WI	A
RWU 33-30B	RW 33-30B	NWSE	30	070S	230E	4304733790	5670	Federal	WI	A
RED WASH U 34-27C	RW 34-27C	SWSE	27	070S	240E	4304735045	5670	Federal	GW	P
RWU 34-22C	RW 34-22C	SWSE	22	070S	240E	4304735098	5670	Federal	GW	P
RW 12G-20C	RW 12G-20C	SWNW	20	070S	240E	4304735239	14011	Federal	GW	S
RW 43G-08F	RW 43G-08F	NESE	08	080S	240E	4304735655		Federal	GW	APD
RW 22G-09F	RW 22G-09F	SENE	09	080S	240E	4304735656	15636	Federal	GW	OPS
RWU 34-23AG	RW 34-23AG	SWSE	23	070S	220E	4304735668	5670	Federal	OW	P
RWU 34-27AG	RWU 34-27AD	SWSE	27	070S	220E	4304735669	5670	Federal	OW	DRL
RWU 32-27AG	RWU 32-27AG	SWNE	27	070S	220E	4304735670	5670	Federal	OW	S
RW 14-34AMU	RW 14-34AMU	SWSW	34	070S	220E	4304735671	14277	Federal	GW	P
RW 12-08FG	RW 12-08FG	SWNW	08	080S	240E	4304736348		Federal	GW	APD
RW 44-08FG	RW 44-08FG	SESE	08	080S	240E	4304736349	15261	Federal	GW	P
RW 12-17FG	RW 12-17FG	SWNW	17	080S	240E	4304736350		Federal	GW	APD
RW 34-34 AMU	RW 34-34 AD	SWSE	34	070S	220E	4304736351		Federal	GW	APD
RW 44-35 AMU	RW 44-35 AMU	SESE	35	070S	220E	4304736352		Federal	GW	APD
RW 14-35 AMU	RW 14-35 AMU	SWSW	35	070S	220E	4304736354		Federal	GW	APD
RW 33-31 BMU	RW 33-31 BD	NWSE	31	070S	230E	4304736357		Federal	GW	APD
RW 13-31 BMU	RW 13-31 BD	NWSW	31	070S	230E	4304736358		Federal	GW	APD
RW 32-15FG	RW 32-15FG	SWNE	15	080S	240E	4304736443		Federal	GW	APD
RW 21-26AG	RW 21-26AD	NENW	26	070S	220E	4304736768		Federal	OW	APD
RW 43-26AG	RW 43-26AG	NESE	26	070S	220E	4304736769		Federal	OW	APD
RW 43-23AG	RW 43-23AG	NESE	23	070S	220E	4304736770		Federal	OW	APD
RW 41-26AG	RW 41-26AG	NENE	26	070S	220E	4304736818		Federal	OW	APD
RW 04-25BG	RW 04-25B	NWSW	25	070S	230E	4304736982		Federal	OW	APD
RW 01-25BG	RW 01-25BG	NWNW	25	070S	230E	4304736983		Federal	OW	APD
RW 04-26BG	RW 04-26BG	SESW	26	070S	230E	4304736984		Federal	OW	APD
RW 01-26BG	RW 01-26BG	SWNW	26	070S	230E	4304736985		Federal	OW	APD
RW 01-35BG	RW 01-35BG	SWNW	35	070S	230E	4304736986		Federal	OW	APD

RED WASH UNIT

Original Well Name	Well Name & No.	Q/Q	SEC	TWP	RNG	API	Entity	Lease	Well Type	Status
RWU 51 (12-16B)	RW 12-16B	SWNW	16	070S	230E	4304715177	5670	State	OW	P
RWU ST 189 (41-16B)	RW 41-16B	NENE	16	070S	230E	4304715292	5670	State	OW	S
RED WASH UNIT 259	RW 14-16B	SWSW	16	070S	230E	4304732785	5670	State	OW	P
RED WASH UNIT 260	RW 34-16B	SWSE	16	070S	230E	4304732786	5670	State	OW	P
RWU 324 (23-16B)	RW 23-16B	SESW	16	070S	230E	4304733084	5670	State	WI	OPS
RWU 21W-36A	RWU 21W-36A	NENW	36	070S	220E	4304733730		State	GW	LA
RWU 21G-36A	RWU 21G-36A	NENW	36	070S	220E	4304733731		State	OW	LA
RWU 41-36A	RWU 41-36A	NENE	36	070S	220E	4304733732		State	OW	LA
RWU 43-16B	RWU 43-16B	NESE	16	070S	230E	4304733733		State	OW	LA
RWU 21-16B	RWU 21-16B	NENW	16	070S	230E	4304733734		State	OW	LA
RWU 11-36A	RWU 11-36A	NWNW	36	070S	220E	4304733736		State	OW	LA
RWU 13-36A	RWU 13-36A	NWSW	36	070S	220E	4304733737		State	OW	LA
RW 32G-16C	RW 32G-16C	SWNE	16	070S	240E	4304735238	5670	State	GW	P
RW 14-36AMU	RW 14-36AMU	SWSW	36	070S	220E	4304736721		State	GW	APD
RW 01-36BG	RW 01-36BG	NWNW	36	070S	230E	4304736887	5670	State	OW	S
RW 24-16BG	RW 24-16BG	SESW	16	070S	230E	4304737746	5670	State	OW	DRL
RW 12-32BG	RW 12-32BG	SWNW	32	070S	230E	4304737946	15841	State	GW	DRL

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

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: see attached
2. NAME OF OPERATOR: QUESTAR EXPLORATION AND PRODUCTION COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: see attached
3. ADDRESS OF OPERATOR: 1050 17th Street Suite 500 <small>CITY</small> Denver STATE CO ZIP 80265		7. UNIT or CA AGREEMENT NAME: see attached
4. LOCATION OF WELL FOOTAGES AT SURFACE: attached		8. WELL NAME and NUMBER: see attached
QTR/GTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:		9. API NUMBER: attached
COUNTY: Uintah		10. FIELD AND POOL, OR WILDCAT:
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>1/1/2007</u>	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion:	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u>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) Debra K. Stanberry TITLE Supervisor, Regulatory Affairs
SIGNATURE [Signature] DATE 3/16/2007

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DIV. OF OIL, GAS & MINING

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

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

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

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>

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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: Red Wash 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 Red Wash Unit, Uintah County, Utah.

This indenture was executed by all required parties and the signatory parties have complied with Sections 5 and 6 of the unit agreement. The instrument is hereby approved effective 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 Red Wash Unit Agreement.

Your nationwide oil and gas bond No. ESB000024 will be used to cover all federal operations within the Red Wash Unit.

It is requested that you notify all interested parties of the change in unit operator. Copies of the approved instruments are being distributed to the appropriate federal offices, with one copy returned herewith.

Sincerely,

/s/ 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 - Red Wash Unit (w/enclosure)
Agr. Sec. Chron
Reading File
Central Files

UT922:TAThompson:tt:4/23/07

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APR 30 2007
DIV. OF OIL, GAS & MINING



A. M. Petrik
Phone: 435-781-4092
Fax: 435-781-4066
Email: ann.petrik@questar.com

August 9, 2007

Via Certified Mail: 7006 2150 0002 4305 7961

Mr. Nathan Wiser (8ENF-UFO)
U.S. Environmental Protection Agency, Region 8
1595 Wynkoop Street
Denver, Colorado 80202-1129

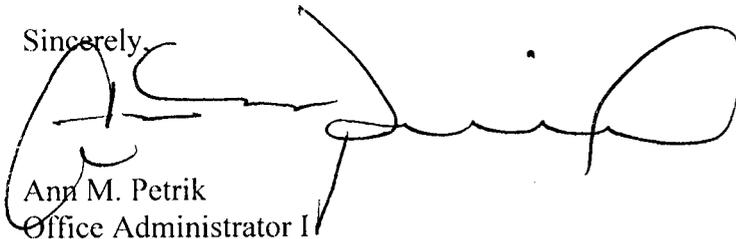
RE: Mechanical Integrity Test (MIT)
for
RW 31-30B
UIC #UT2926-04649
API #43-047-33788
Location: NWNE Section 30 T7S R23E

Dear Mr. Wiser:

Enclosed for the subject well is the successful MIT result including the Casing or Annulus Pressure Test form and the pressure test chart. The MIT for this well is a regularly scheduled test.

If you have any questions or require additional information, I can be reached at 435-781-4092.

Sincerely,



Ann M. Petrik
Office Administrator I

Enclosures: MIT Casing or Annulus Pressure Test Form
MIT Results Spreadsheet with Pressure Test Chart

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

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AUG 14 2007

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: NO DATE: 8/3/2007 TIME: 10:00 AM PM

TEST CONDUCTED BY: Dennis J. Paulson (Questar)

OTHERS PRESENT: (ADVANTAGE OILFIELD SERVICE) KEVIN CARTER

API NUMBER: 43-047-33788 EPA ID NUMBER: UT2926-04649

WELL NAME: <u>RW 31-30B</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>RED WASH</u>				
WELL LOCATION: <u>NWNE S30-T7S-R23E</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>23-Aug-02</u>		MAXIMUM ALLOWABLE PRESSURE: <u>1917</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: 1243 BPD

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

MIT DATA TABLE	TEST #1		TEST #2		TEST #3	
TUBING	PRESSURE					
INITIAL PRESSURE:	<u>1040</u>	PSIG		PSIG		PSIG
END OF TEST PRESSURE:	<u>1038</u>	PSIG		PSIG		PSIG

CASING/TUBING	ANNULUS		TUBING	
0 MINUTES	<u>1114.2 @10:06:47</u>	PSIG	<u>1039.1</u>	PSIG
5 MINUTES	<u>1039.9 @10:11:37</u>	PSIG	<u>1039.9</u>	PSIG
10 MINUTES	<u>1105.6 @10:17:17</u>	PSIG	<u>1041.1</u>	PSIG
15 MINUTES	<u>1103.7 @10:22:48</u>	PSIG	<u>1039.6</u>	PSIG
20 MINUTES	<u>1102.8 @ 10:28:20</u>	PSIG	<u>1038.7</u>	PSIG
25 MINUTES	<u>1102.0 @10:33:57</u>	PSIG	<u>1038.3</u>	PSIG
30 MINUTES	<u>1101.4 @10:39:50</u>	PSIG	<u>1038.1</u>	PSIG
MINUTES		PSIG		PSIG
MINUTES		PSIG		PSIG

RESULT PASS FAIL PASS FAIL PASS FAIL

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

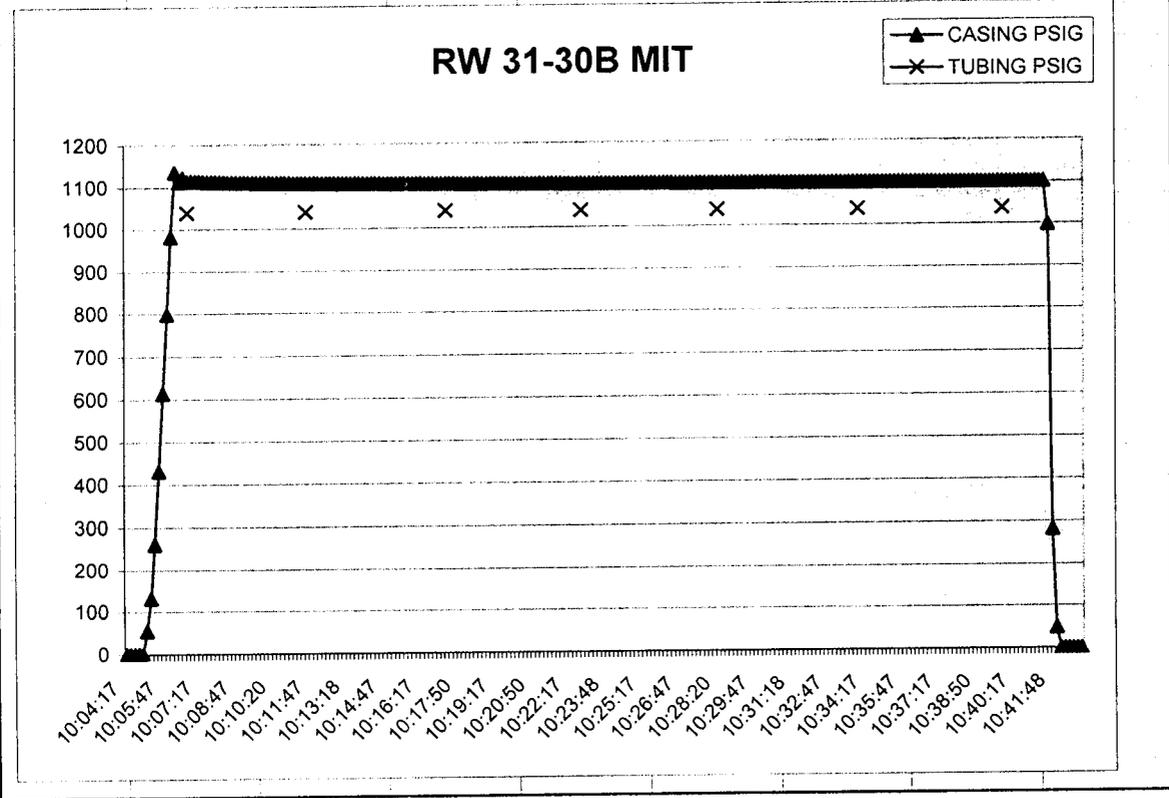
5000 PSIG		24904-2	26 OCT		2006		CASING	TUBING	AMBIENT
DATE	MONTH	YEAR	TIME	FILE	SAMPLE	PSIG	PSIG	TEMP.	
3	AUG	2007	10:04:17		3	1	0	84	
3	AUG	2007	10:04:27		3	2	0	84	
3	AUG	2007	10:04:37		3	3	0	84	
3	AUG	2007	10:04:47		3	4	0	84	
3	AUG	2007	10:04:58		3	5	0	84	
3	AUG	2007	10:05:10		3	6	55.12	84	
3	AUG	2007	10:05:17		3	7	132.63	84	
3	AUG	2007	10:05:27		3	8	262.3	84	
3	AUG	2007	10:05:37		3	9	432.09	84	
3	AUG	2007	10:05:47		3	10	613.9	84	
3	AUG	2007	10:05:58		3	11	798.6	84	
3	AUG	2007	10:06:10		3	12	982.1	84	
3	AUG	2007	10:06:17		3	13	1136.4	84	
3	AUG	2007	10:06:27		3	14	1113.4	84	
3	AUG	2007	10:06:37		3	15	1122.7	84	
3	AUG	2007	10:06:47		3	16	1114.2	1039.1	
3	AUG	2007	10:06:58		3	17	1114.9	84	
3	AUG	2007	10:07:10		3	18	1115	84	
3	AUG	2007	10:07:17		3	19	1114.3	84	
3	AUG	2007	10:07:27		3	20	1114.2	84	
3	AUG	2007	10:07:37		3	21	1113.4	84	
3	AUG	2007	10:07:47		3	22	1113.4	84	
3	AUG	2007	10:07:57		3	23	1112.8	84	
3	AUG	2007	10:08:08		3	24	1112.6	84	
3	AUG	2007	10:08:20		3	25	1112.2	84	
3	AUG	2007	10:08:27		3	26	1112	84	
3	AUG	2007	10:08:37		3	27	1111.7	84	
3	AUG	2007	10:08:47		3	28	1111.4	84	
3	AUG	2007	10:08:57		3	29	1111.2	84	
3	AUG	2007	10:09:08		3	30	1111	84	
3	AUG	2007	10:09:20		3	31	1110.8	84	
3	AUG	2007	10:09:27		3	32	1110.6	84	
3	AUG	2007	10:09:37		3	33	1110.4	84	
3	AUG	2007	10:09:47		3	34	1110.2	84	
3	AUG	2007	10:09:57		3	35	1110	84	
3	AUG	2007	10:10:08		3	36	1109.9	84	
3	AUG	2007	10:10:20		3	37	1109.7	84	
3	AUG	2007	10:10:27		3	38	1109.5	84	
3	AUG	2007	10:10:37		3	39	1109.3	84	
3	AUG	2007	10:10:47		3	40	1109.2	84	
3	AUG	2007	10:10:57		3	41	1109.1	84	
3	AUG	2007	10:11:07		3	42	1108.9	84	
3	AUG	2007	10:11:18		3	43	1108.8	84	
3	AUG	2007	10:11:30		3	44	1108.7	84	
3	AUG	2007	10:11:37		3	45	1108.5	1039.9	
3	AUG	2007	10:11:47		3	46	1108.4	84	
3	AUG	2007	10:11:57		3	47	1108.3	84	
3	AUG	2007	10:12:07		3	48	1108.2	84	
3	AUG	2007	10:12:18		3	49	1108.1	84	
3	AUG	2007	10:12:30		3	50	1107.9	84	
3	AUG	2007	10:12:37		3	51	1107.9	84	

3	AUG	2007	10:12:47	3	52	1107.7		84
3	AUG	2007	10:12:57	3	53	1107.6		84
3	AUG	2007	10:13:07	3	54	1107.5		84
3	AUG	2007	10:13:18	3	55	1107.6		82
3	AUG	2007	10:13:30	3	56	1107.5		82
3	AUG	2007	10:13:37	3	57	1107.4		82
3	AUG	2007	10:13:47	3	58	1107.3		82
3	AUG	2007	10:13:57	3	59	1107.2		82
3	AUG	2007	10:14:07	3	60	1107.1		82
3	AUG	2007	10:14:17	3	61	1107		82
3	AUG	2007	10:14:28	3	62	1106.9		82
3	AUG	2007	10:14:40	3	63	1106.8		82
3	AUG	2007	10:14:47	3	64	1106.7		82
3	AUG	2007	10:14:57	3	65	1106.6		82
3	AUG	2007	10:15:07	3	66	1106.6		82
3	AUG	2007	10:15:17	3	67	1106.5		82
3	AUG	2007	10:15:28	3	68	1106.4		82
3	AUG	2007	10:15:40	3	69	1106.3		82
3	AUG	2007	10:15:47	3	70	1106.2		82
3	AUG	2007	10:15:57	3	71	1106.2		82
3	AUG	2007	10:16:07	3	72	1106.1		82
3	AUG	2007	10:16:17	3	73	1106.1		82
3	AUG	2007	10:16:28	3	74	1105.9		82
3	AUG	2007	10:16:40	3	75	1105.9		82
3	AUG	2007	10:16:47	3	76	1105.8		82
3	AUG	2007	10:16:57	3	77	1105.7		82
3	AUG	2007	10:17:07	3	78	1105.7		82
3	AUG	2007	10:17:17	3	79	1105.6	1041.1	82
3	AUG	2007	10:17:27	3	80	1105.5		82
3	AUG	2007	10:17:38	3	81	1105.4		82
3	AUG	2007	10:17:50	3	82	1105.4		82
3	AUG	2007	10:17:57	3	83	1105.3		82
3	AUG	2007	10:18:07	3	84	1105.3		82
3	AUG	2007	10:18:17	3	85	1105.2		82
3	AUG	2007	10:18:27	3	86	1105.1		82
3	AUG	2007	10:18:38	3	87	1105		82
3	AUG	2007	10:18:50	3	88	1105		82
3	AUG	2007	10:18:57	3	89	1104.9		82
3	AUG	2007	10:19:07	3	90	1104.8		82
3	AUG	2007	10:19:17	3	91	1104.8		82
3	AUG	2007	10:19:27	3	92	1104.7		82
3	AUG	2007	10:19:38	3	93	1104.6		82
3	AUG	2007	10:19:50	3	94	1104.6		82
3	AUG	2007	10:19:57	3	95	1104.5		82
3	AUG	2007	10:20:07	3	96	1104.5		82
3	AUG	2007	10:20:17	3	97	1104.4		82
3	AUG	2007	10:20:27	3	98	1104.4		82
3	AUG	2007	10:20:38	3	99	1104.3		82
3	AUG	2007	10:20:50	3	100	1104.2		82
3	AUG	2007	10:20:57	3	101	1104.2		82
3	AUG	2007	10:21:07	3	102	1104.1		82
3	AUG	2007	10:21:17	3	103	1104.1		82
3	AUG	2007	10:21:27	3	104	1104		82
3	AUG	2007	10:21:37	3	105	1104		82

3	AUG	2007	10:21:48	3	106	1103.9		82
3	AUG	2007	10:22:00	3	107	1103.9		82
3	AUG	2007	10:22:07	3	108	1103.8		82
3	AUG	2007	10:22:17	3	109	1103.7		82
3	AUG	2007	10:22:27	3	110	1103.7		82
3	AUG	2007	10:22:37	3	111	1103.7		82
3	AUG	2007	10:22:48	3	112	1103.7	1039.6	82
3	AUG	2007	10:23:00	3	113	1103.6		82
3	AUG	2007	10:23:07	3	114	1103.6		82
3	AUG	2007	10:23:17	3	115	1103.6		82
3	AUG	2007	10:23:27	3	116	1103.5		82
3	AUG	2007	10:23:37	3	117	1103.5		82
3	AUG	2007	10:23:48	3	118	1103.4		82
3	AUG	2007	10:24:00	3	119	1103.4		82
3	AUG	2007	10:24:07	3	120	1103.4		82
3	AUG	2007	10:24:17	3	121	1103.3		82
3	AUG	2007	10:24:27	3	122	1103.3		82
3	AUG	2007	10:24:37	3	123	1103.3		82
3	AUG	2007	10:24:47	3	124	1103.2		82
3	AUG	2007	10:24:58	3	125	1103.2		82
3	AUG	2007	10:25:10	3	126	1103.2		82
3	AUG	2007	10:25:17	3	127	1103.3		81
3	AUG	2007	10:25:27	3	128	1103.2		81
3	AUG	2007	10:25:37	3	129	1103.2		81
3	AUG	2007	10:25:47	3	130	1103.2		81
3	AUG	2007	10:25:58	3	131	1103.2		81
3	AUG	2007	10:26:10	3	132	1103.1		81
3	AUG	2007	10:26:17	3	133	1103.1		81
3	AUG	2007	10:26:27	3	134	1103.1		81
3	AUG	2007	10:26:37	3	135	1103		81
3	AUG	2007	10:26:47	3	136	1103		81
3	AUG	2007	10:26:58	3	137	1102.9		81
3	AUG	2007	10:27:10	3	138	1103		81
3	AUG	2007	10:27:17	3	139	1102.9		81
3	AUG	2007	10:27:27	3	140	1102.9		81
3	AUG	2007	10:27:37	3	141	1102.8		81
3	AUG	2007	10:27:47	3	142	1102.9		81
3	AUG	2007	10:27:57	3	143	1102.8		81
3	AUG	2007	10:28:08	3	144	1102.7		81
3	AUG	2007	10:28:20	3	145	1102.8	1038.7	81
3	AUG	2007	10:28:27	3	146	1102.7		81
3	AUG	2007	10:28:37	3	147	1102.7		81
3	AUG	2007	10:28:47	3	148	1102.7		81
3	AUG	2007	10:28:57	3	149	1102.6		81
3	AUG	2007	10:29:08	3	150	1102.6		81
3	AUG	2007	10:29:20	3	151	1102.6		81
3	AUG	2007	10:29:27	3	152	1102.5		81
3	AUG	2007	10:29:37	3	153	1102.6		81
3	AUG	2007	10:29:47	3	154	1102.5		81
3	AUG	2007	10:29:57	3	155	1102.5		81
3	AUG	2007	10:30:08	3	156	1102.5		81
3	AUG	2007	10:30:20	3	157	1102.5		81
3	AUG	2007	10:30:27	3	158	1102.4		81
3	AUG	2007	10:30:37	3	159	1102.4		81

3	AUG	2007	10:30:47	3	160	1102.4		81
3	AUG	2007	10:30:57	3	161	1102.3		81
3	AUG	2007	10:31:07	3	162	1102.3		81
3	AUG	2007	10:31:18	3	163	1102.2		81
3	AUG	2007	10:31:30	3	164	1102.3		81
3	AUG	2007	10:31:37	3	165	1102.2		81
3	AUG	2007	10:31:47	3	166	1102.2		81
3	AUG	2007	10:31:57	3	167	1102.2		81
3	AUG	2007	10:32:07	3	168	1102.2		81
3	AUG	2007	10:32:18	3	169	1102.2		81
3	AUG	2007	10:32:30	3	170	1102.1		81
3	AUG	2007	10:32:37	3	171	1102.1		81
3	AUG	2007	10:32:47	3	172	1102.1		81
3	AUG	2007	10:32:57	3	173	1102.1		81
3	AUG	2007	10:33:07	3	174	1102.1		81
3	AUG	2007	10:33:18	3	175	1102		81
3	AUG	2007	10:33:30	3	176	1102		81
3	AUG	2007	10:33:37	3	177	1102		81
3	AUG	2007	10:33:47	3	178	1102		81
3	AUG	2007	10:33:57	3	179	1102	1038.3	81
3	AUG	2007	10:34:07	3	180	1101.9		81
3	AUG	2007	10:34:17	3	181	1101.9		81
3	AUG	2007	10:34:28	3	182	1101.9		81
3	AUG	2007	10:34:40	3	183	1101.8		81
3	AUG	2007	10:34:47	3	184	1101.9		81
3	AUG	2007	10:34:57	3	185	1101.8		81
3	AUG	2007	10:35:07	3	186	1101.8		81
3	AUG	2007	10:35:17	3	187	1101.8		81
3	AUG	2007	10:35:28	3	188	1101.8		81
3	AUG	2007	10:35:40	3	189	1101.7		81
3	AUG	2007	10:35:47	3	190	1101.7		81
3	AUG	2007	10:35:57	3	191	1101.7		81
3	AUG	2007	10:36:07	3	192	1101.7		81
3	AUG	2007	10:36:17	3	193	1101.7		81
3	AUG	2007	10:36:28	3	194	1101.7		81
3	AUG	2007	10:36:40	3	195	1101.6		81
3	AUG	2007	10:36:47	3	196	1101.6		81
3	AUG	2007	10:36:57	3	197	1101.6		81
3	AUG	2007	10:37:07	3	198	1101.5		81
3	AUG	2007	10:37:17	3	199	1101.5		81
3	AUG	2007	10:37:27	3	200	1101.5		81
3	AUG	2007	10:37:38	3	201	1101.5		81
3	AUG	2007	10:37:50	3	202	1101.5		81
3	AUG	2007	10:37:57	3	203	1101.5		81
3	AUG	2007	10:38:07	3	204	1101.4		81
3	AUG	2007	10:38:17	3	205	1101.4		81

3	AUG	2007	10:38:27	3	206	1101.4		81
3	AUG	2007	10:38:38	3	207	1101.5		79
3	AUG	2007	10:38:50	3	208	1101.5		79
3	AUG	2007	10:38:57	3	209	1101.5		79
3	AUG	2007	10:39:07	3	210	1101.5		79
3	AUG	2007	10:39:17	3	211	1101.5		79
3	AUG	2007	10:39:27	3	212	1101.4		79
3	AUG	2007	10:39:38	3	213	1101.4		79
3	AUG	2007	10:39:50	3	214	1101.4	1038.1	79
3	AUG	2007	10:39:57	3	215	1101.3		79
3	AUG	2007	10:40:07	3	216	1101.4		79
3	AUG	2007	10:40:17	3	217	1101.4		79
3	AUG	2007	10:40:27	3	218	1101.3		79
3	AUG	2007	10:40:37	3	219	1101.3		79
3	AUG	2007	10:40:48	3	220	1101.3		79
3	AUG	2007	10:41:00	3	221	1101.3		79
3	AUG	2007	10:41:07	3	222	1101.3		79
3	AUG	2007	10:41:17	3	223	1101.2		79
3	AUG	2007	10:41:27	3	224	1101.2		79
3	AUG	2007	10:41:37	3	225	998.9		79
3	AUG	2007	10:41:48	3	226	283.17		79
3	AUG	2007		3	227	49.309		79
3	AUG	2007		3	228	0		79
3	AUG	2007		3	229	0		79
3	AUG	2007		3	230	0		79
3	AUG	2007		3	231	0		79
3	AUG	2007		3	232	0		79
3	AUG	2007		3	233	0		79





A. M. Petrik
Phone: 435-781-4092
Fax: 435-781-4066
Email: ann.petrik@questar.com

September 17, 2007

Via Certified Mail: 7006 2150 0002 4305 8395

Mr. Nathan Wiser (8ENF-UFO)
U.S. Environmental Protection Agency, Region 8
1595 Wynkoop Street
Denver, Colorado 80202-1129

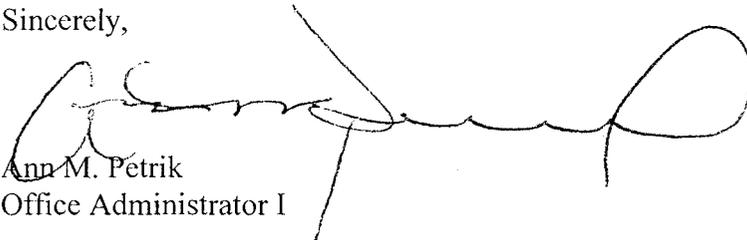
RE: Mechanical Integrity Re-Test (MIT)
for
RW 31-30B
UIC #UT2926-04649
API #43-047-33788
Location: NWNE Section 30 T7S R23E

Dear Mr. Wiser:

Thank you for your message regarding the RW 31-30B MIT which did not pass the MIT requirements. Please find the results of the MIT re-test performed on September 14, 2007 including the Casing or Annulus Pressure Test form and the pressure test chart.

If you have any questions or require additional information, I can be reached at 435-781-4092.

Sincerely,


Ann M. Petrik
Office Administrator I

RECEIVED
SEP 27 2007

Enclosures: MIT Casing or Annulus Pressure Test Form
MIT Results Spreadsheet with Pressure Test Chart

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

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

EPA WITNESS: NO DATE: 9/14/2007 TIME: 8:00 AM PM

TEST CONDUCTED BY: Dennis J. Paulson (Questar)

OTHERS PRESENT: (ADVANTAGE OILFIELD SERVICE) CRISS

API NUMBER: 43-047-33788 EPA ID NUMBER: UT2926-04649

WELL NAME: <u>RW 31-30B</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>RED WASH</u>			
WELL LOCATION: <u>NWNE S30-T7S-R23E</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>23-Aug-02</u>	MAXIMUM ALLOWABLE PRESSURE: <u>1917</u>	PSIG	

IS THIS A REGULAR SCHEDULED TEST? YES NO **RETEST**

INITIAL TEST FOR PERMIT? YES NO

TEST AFTER WELL WORK? YES NO

WELL INJECTING DURING TEST? YES NO IF YES, RATE: 1277 BPD

PRE-TEST CASING/TUBING ANNULUS PRESSURE: 3 PSIG

MIT DATA TABLE TUBING	TEST #1	TEST #2	TEST #3
	PRESSURE		
INITIAL PRESSURE	1157 PSIG	PSIG	PSIG
END OF TEST PRESSURE	1140.3 PSIG	PSIG	PSIG

CASING/TUBING	ANNULUS	TUBING	TUBING
0 MINUTES	1496.9 @8:18:24 PSIG	1163.3 PSIG	PSIG
5 MINUTES	1488.7 @8:23:21 PSIG	1155 PSIG	PSIG
10 MINUTES	1486.4 @8:28:27 PSIG	1155.6 PSIG	PSIG
15 MINUTES	1485 @8:33:34 PSIG	1133.5 PSIG	PSIG
20 MINUTES	1484 @8:38:39 PSIG	1138.3 PSIG	PSIG
25 MINUTES	1483 @8:43:45 PSIG	1139.3 PSIG	PSIG
30 MINUTES	1481.7 @8:48:42 PSIG	1140.3 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		2006		CASING	TUBING	AMBIENT
DATE	MONTH	YEAR	TOME	FILE	SAMPLE	PSIG	PSIG	PSIG	TEMP.
14	SEP	2007	8:13:52	1	1	0			64
14	SEP	2007	8:14:21	1	2	0			64
14	SEP	2007	8:14:30	1	3	0			64
14	SEP	2007	8:14:39	1	4	0			64
14	SEP	2007	8:14:48	1	5	0			64
14	SEP	2007	8:14:57	1	6	0			64
14	SEP	2007	8:15:06	1	7	0			64
14	SEP	2007	8:15:15	1	8	0			64
14	SEP	2007	8:15:24	1	9	0			64
14	SEP	2007	8:15:33	1	10	0			64
14	SEP	2007	8:15:42	1	11	0			64
14	SEP	2007	8:15:51	1	12	0			64
14	SEP	2007	8:16:00	1	13	0			64
14	SEP	2007	8:16:09	1	14	0			64
14	SEP	2007	8:16:18	1	15	0			64
14	SEP	2007	8:16:27	1	16	32.011			64
14	SEP	2007	8:16:36	1	17	67.79			64
14	SEP	2007	8:16:45	1	18	90.17			64
14	SEP	2007	8:16:54	1	19	209.68			64
14	SEP	2007	8:17:03	1	20	394			64
14	SEP	2007	8:17:12	1	21	593.2			64
14	SEP	2007	8:17:21	1	22	793.1			64
14	SEP	2007	8:17:31	1	23	986.8			64
14	SEP	2007	8:17:40	1	24	1183.7			64
14	SEP	2007	8:17:48	1	25	1345.3			64
14	SEP	2007	8:17:57	1	26	1502.1			64
14	SEP	2007	8:18:06	1	27	1497.9			64
14	SEP	2007	8:18:15	1	28	1496.6			64
14	SEP	2007	8:18:24	1	29	1496.9	1163.3		64
14	SEP	2007	8:18:33	1	30	1494.6			64
14	SEP	2007	8:18:42	1	31	1494.9			64
14	SEP	2007	8:18:51	1	32	1494.1			64
14	SEP	2007	8:19:00	1	33	1494.1			64
14	SEP	2007	8:19:09	1	34	1493.3			64
14	SEP	2007	8:19:18	1	35	1493.1			64
14	SEP	2007	8:19:27	1	36	1492.8			64
14	SEP	2007	8:19:36	1	37	1492.6			64
14	SEP	2007	8:19:45	1	38	1492.3			64
14	SEP	2007	8:19:54	1	39	1492.1			64
14	SEP	2007	8:20:03	1	40	1491.8			64
14	SEP	2007	8:20:12	1	41	1491.6			64
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14	SEP	2007	8:20:30	1	43	1491.3			64
14	SEP	2007	8:20:39	1	44	1491			64
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14	SEP	2007	8:21:24	1	49	1490.2			64

14	SEP	2007	8:21:34	1	50	1490.1		64
14	SEP	2007	8:21:43	1	51	1489.9		64
14	SEP	2007	8:21:51	1	52	1489.8		64
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14	SEP	2007	8:24:24	1	69	1488.1		64
14	SEP	2007	8:24:33	1	70	1488.1		64
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14	SEP	2007	8:26:57	1	86	1487		64
14	SEP	2007	8:27:06	1	87	1487		64
14	SEP	2007	8:27:15	1	88	1486.9		64
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14	SEP	2007	8:28:54	1	99	1486.3		64
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14	SEP	2007	8:30:51	1	112	1485.7		64
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14	SEP	2007	8:31:18	1	115	1485.6		64
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14	SEP	2007	8:36:33	1	150	1484.4		64
14	SEP	2007	8:36:42	1	151	1484.3		64
14	SEP	2007	8:36:51	1	152	1484.3		64
14	SEP	2007	8:37:00	1	153	1484.3		64

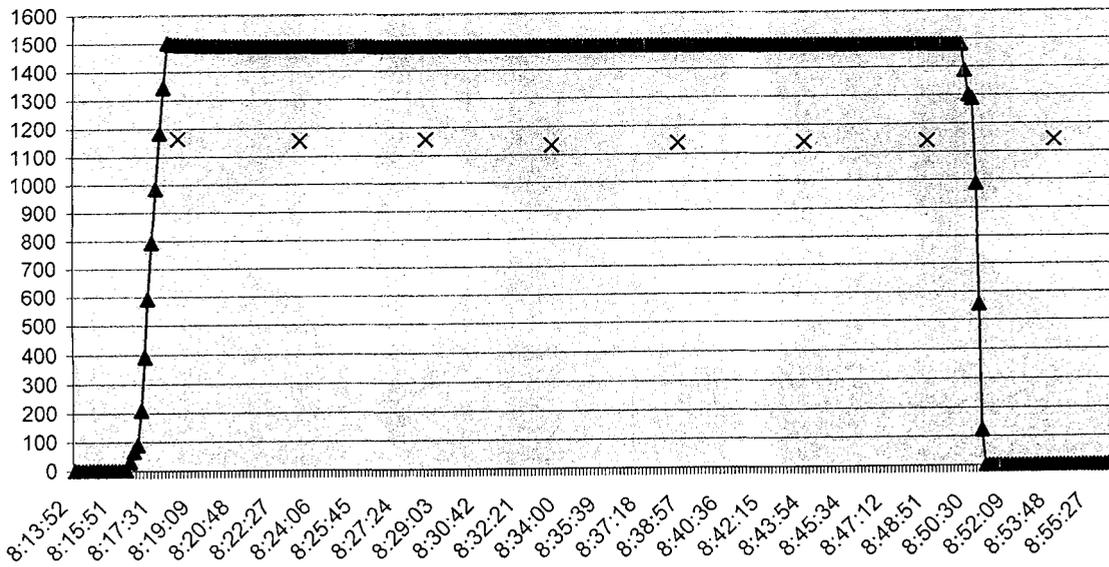
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14	SEP	2007	8:37:18	1	155	1484.2		64
14	SEP	2007	8:37:28	1	156	1484.2		64
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14	SEP	2007	8:37:45	1	158	1484.1		64
14	SEP	2007	8:37:54	1	159	1484.1		64
14	SEP	2007	8:38:03	1	160	1484.1		64
14	SEP	2007	8:38:12	1	161	1484.1		64
14	SEP	2007	8:38:21	1	162	1484		64
14	SEP	2007	8:38:30	1	163	1484		64
14	SEP	2007	8:38:39	1	164	1484	1138.3	64
14	SEP	2007	8:38:48	1	165	1483.9		64
14	SEP	2007	8:38:57	1	166	1483.9		64
14	SEP	2007	8:39:06	1	167	1483.9		64
14	SEP	2007	8:39:15	1	168	1483.8		64
14	SEP	2007	8:39:24	1	169	1483.8		64
14	SEP	2007	8:39:33	1	170	1483.8		64
14	SEP	2007	8:39:42	1	171	1483.7		64
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14	SEP	2007	8:43:27	1	196	1483.1		64
14	SEP	2007	8:43:36	1	197	1483		64
14	SEP	2007	8:43:45	1	198	1483	1139.3	64
14	SEP	2007	8:43:54	1	199	1483		64
14	SEP	2007	8:44:03	1	200	1483		64
14	SEP	2007	8:44:12	1	201	1482.9		64
14	SEP	2007	8:44:21	1	202	1482.9		64
14	SEP	2007	8:44:30	1	203	1482.9		64
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14	SEP	2007	8:44:48	1	205	1482.8		64

14	SEP	2007	8:44:57	1	206	1482.8		64
14	SEP	2007	8:45:06	1	207	1482.8		64
14	SEP	2007	8:45:15	1	208	1481.9		64
14	SEP	2007	8:45:24	1	209	1481.9		64
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14	SEP	2007	8:47:39	1	224	1481.8		64
14	SEP	2007	8:47:48	1	225	1481.7		64
14	SEP	2007	8:47:57	1	226	1481.7		64
14	SEP	2007	8:48:06	1	227	1481.8		64
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14	SEP	2007	8:48:24	1	229	1481.7		64
14	SEP	2007	8:48:33	1	230	1481.7		64
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14	SEP	2007	8:50:39	1	244	987.5		64
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14	SEP	2007	8:52:54	1	259	0		63
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14	SEP	2007	8:53:12	1	261	0		63
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14	SEP	2007	8:54:24	1	269	0		63
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14	SEP	2007	8:55:18	1	275	0		63
14	SEP	2007	8:55:27	1	276	0		63
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14	SEP	2007	8:55:45	1	278	0		63
14	SEP	2007	8:55:54	1	279	0		63
14	SEP	2007	8:56:03	1	280	0		63

RW 31-30B MIT RETEST

▲ CASING PSIG
× TUBING PSIG



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

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS		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
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		7. UNIT or CA AGREEMENT NAME: See attached
2. NAME OF OPERATOR: Questar Exploration and Production Company <i>N5085</i>		8. WELL NAME and NUMBER: See attached
3. ADDRESS OF OPERATOR: 1050 17th Street, Suite 500 Denver, CO 80265		9. API NUMBER: Attached
4. LOCATION OF WELL FOOTAGES AT SURFACE: See attached QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:		10. FIELD AND POOL, OR WILDCAT: See attached
		COUNTY: Attached 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>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~~
 Fee Land Bond Number: ~~965003033~~ } *965010695*
 BIA Bond Number: ~~799446~~ } *965010693*

The attached document is an all inclusive list of the wells operated by Questar Exploration and Production Company. As of June 14, 2010 QEP Energy Company assumes all rights, duties and obligations as operator of the properties as described on the list

NAME (PLEASE PRINT) <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

(See Instructions on Reverse Side)

APPROVED 613012009
Earlene Russell
Division of Oil, Gas and Mining
Earlene Russell, Engineering Technician

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

well_name	sec	twp	rng	api	entity	mineral lease	type	stat	C
RW 41-33B	33	070S	230E	4304720060	5670	Federal	WD	A	
RW 43-28A	28	070S	220E	4304730058	5670	Federal	WD	A	
RW 34-27B	27	070S	230E	4304715142	5670	Federal	WI	A	
RW 14-13B	13	070S	230E	4304715144	5670	Federal	WI	A	
RW 41-20B	20	070S	230E	4304715146	5670	Federal	WI	A	
RW 21-23B	23	070S	230E	4304715151	5670	Federal	WI	A	
RW 23-14B	14	070S	230E	4304715161	5670	Federal	WI	A	
RW 41-28B	28	070S	230E	4304715182	5670	Federal	WI	A	
RW 23-18B	18	070S	230E	4304715210	5670	Federal	WI	A	
RW 43-21A	21	070S	220E	4304715219	5670	Federal	WI	A	
RW 41-24A	24	070S	220E	4304715221	5670	Federal	WI	A	
RW 13-22B	22	070S	230E	4304715261	5670	Federal	WI	A	
RW 23-15B	15	070S	230E	4304715267	5670	Federal	WI	A	
RW 21-20B	20	070S	230E	4304715281	5670	Federal	WI	A	
RW 33-13B	13	070S	230E	4304715289	5670	Federal	WI	A	
RW 21-34A	34	070S	220E	4304715303	5670	Federal	WI	I	
RW 14-24B	24	070S	230E	4304716472	5670	Federal	WI	A	
RW 41-27B	27	070S	230E	4304716473	5670	Federal	WI	I	
RW 43-28B	28	070S	230E	4304716475	5670	Federal	WI	S	
RW 23-23B	23	070S	230E	4304716476	5670	Federal	WI	A	
RW 12-24B	24	070S	230E	4304716477	5670	Federal	WI	A	
RW 33-22B	22	070S	230E	4304716479	5670	Federal	WI	A	
RW 41-21B	21	070S	230E	4304716482	5670	Federal	WI	A	
RW 41-15B	15	070S	230E	4304716495	5670	Federal	WI	I	
RW 21-21B	21	070S	230E	4304716496	5670	Federal	WI	A	
RW 14-21B	21	070S	230E	4304716497	5670	Federal	WI	A	
RW 41-14B	14	070S	230E	4304716498	5670	Federal	WI	A	
RW 21-27A	27	070S	220E	4304730103	5670	Federal	WI	A	
RW 34-22A	22	070S	220E	4304730458	5670	Federal	WI	A	
RW 24-26B	26	070S	230E	4304730518	5670	Federal	WI	I	
RW 31-35B	35	070S	230E	4304730519	5670	Federal	WI	A	
RW 33-26B	26	070S	230E	4304730521	5670	Federal	WI	I	
RW 13-26B	26	070S	230E	4304730522	5670	Federal	WI	A	
RW 11-36B	36	070S	230E	4304731052	5670	Federal	WI	A	
RW 31-26B	26	070S	230E	4304731077	5670	Federal	WI	A	
RW 42-35B	35	070S	230E	4304731081	5670	Federal	WI	I	
RW 23-17B	17	070S	230E	4304732739	5670	Federal	WI	A	
RW 43-17B	17	070S	230E	4304732980	5670	Federal	WI	A	
RW 43-18B	18	070S	230E	4304732982	5670	Federal	WI	A	
RW 13-19B	19	070S	230E	4304733497	5670	Federal	WI	A	
RW 13-20B	20	070S	230E	4304733498	5670	Federal	WI	A	
RW 33-19B	19	070S	230E	4304733499	5670	Federal	WI	A	
RW 33-20B	20	070S	230E	4304733500	5670	Federal	WI	A	
RW 11-19B	19	070S	230E	4304733552	5670	Federal	WI	A	

Bonds: BLM = ESB000024

BIA = 956010693

State = 965010695

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

well_name	sec	twp	rng	api	entity	mineral lease	type	stat	C
RW 11-20B	20	070S	230E	4304733553	5670	Federal	WI	A	
RW 31-19B	19	070S	230E	4304733555	5670	Federal	WI	A	
RW 34-24A	24	070S	220E	4304733568	5670	Federal	WI	A	
RW 11-25A	25	070S	220E	4304733574	5670	Federal	WI	A	
RW 13-25A	25	070S	220E	4304733575	5670	Federal	WI	A	
RW 31-25A	25	070S	220E	4304733577	5670	Federal	WI	A	
RW 33-25A	25	070S	220E	4304733578	5670	Federal	WI	TA	
RW 11-29B	29	070S	230E	4304733590	5670	Federal	WI	A	
RW 12-24A	24	070S	220E	4304733591	5670	Federal	WI	A	
RW 34-13A	13	070S	220E	4304733593	5670	Federal	WI	A	
RW 11-30B	30	070S	230E	4304733785	5670	Federal	WI	A	
RW 31-30B	30	070S	230E	4304733788	5670	Federal	WI	A	
RW 33-30B	30	070S	230E	4304733790	5670	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

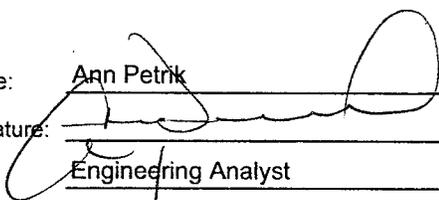
UIC FORM 5

TRANSFER OF AUTHORITY TO INJECT

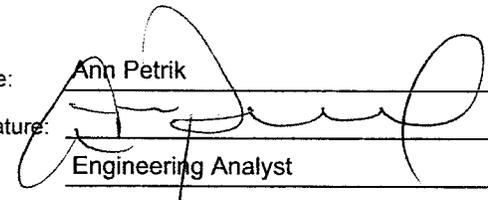
Well Name and Number See Attached List	API Number Attached
Location of Well	Field or Unit Name Attached
Footage : Attached	County :
QQ, Section, Township, Range:	State : UTAH
	Lease Designation and Number Attached

EFFECTIVE DATE OF TRANSFER: 6/14/2010

CURRENT OPERATOR

Company: <u>Questar Exploration and Production Company</u>	Name: <u>Ann Petrik</u>
Address: <u>1050 17th Street, Suite 500</u>	Signature: 
city <u>Denver</u> state <u>CO</u> zip <u>80265</u>	Title: <u>Engineering Analyst</u>
Phone: <u>(303) 672-6900</u>	Date: <u>6/28/2010</u>
Comments:	

NEW OPERATOR

Company: <u>QEP Energy Company</u>	Name: <u>Ann Petrik</u>
Address: <u>1050 17th Street, Suite 500</u>	Signature: 
city <u>Denver</u> state <u>CO</u> zip <u>80265</u>	Title: <u>Engineering Analyst</u>
Phone: <u>(303) 672-6900</u>	Date: <u>6/28/2010</u>
Comments:	

(This space for State use only)

Transfer approved by: _____

Approval Date: _____

Title: _____

Comments:

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

EPA approved well

Date: 6/29/10

By: D. Jones

RECEIVED

JUN 28 2010

DIV. OF OIL, GAS & MINING



QEP Energy Company

Independence Plaza
1050 17th Street, Suite 500
Denver, CO 80265
Tel 303-672-6900
Fax 303-294-9632

Rocky Mountain Region

November 5, 2013

Ms. Sarah Roberts (8ENF-UFO)
U.S. Environmental Protection Agency, Region 8
1595 Wynkoop Street
Denver, CO 80202-1129

NOV 07 2013

RE: Mechanical Integrity Test (MIT) for
RW 31-30B
UIC# UT2926-04649
API# 43-047-33788
Location: NWN Sec. 30 T7S, R23E

Dear Ms. Roberts:

Please find the successful MIT result including Casing or Annulus Pressure Test form and the pressure test chart for the above referenced well. This MIT was conducted because the RW 31-30B was taken offline and used to monitor a frac job in an offset well. As per Don Breffle's e-mail to me dated 9/18/13, QEP ran the MIT to prove mechanical integrity before resuming injection. QEP hereby requests approval to resume injection on this well.

If you have any questions or need additional information, please contact me at 303-308-3060. Thank you.

Sincerely,

Morgan Anderson
Regulatory Affairs Analyst

Accepted by the
Utah Division of
Oil, Gas and Mining

Date: 11-12-13
By: [Signature]

Enclosures: MIT Casing or Annulus Pressure Test Form
MIT Results Spreadsheet with Pressure Test Chart

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

USDI – Bureau of Land Management
Vernal District Office
170 South 500 East
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

EPA WITNESS: NONE DATE: 10/30/2013 TIME: 12:30 AM PM

TEST CONDUCTED BY: TONY JENNE QEP ENERGY COMPANY

OTHERS PRESENT: KEVIN CARTER K&E HOT OIL
API NUMBER- 43-047-33788 EPA ID NUMBER- UT2926-04649

WELL NAME: <u>RW 31-30B</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>RED WASH</u>	LEASE: <u>UTU02025</u>	
	UNIT: <u>8920007610</u>	
WELL LOCATION: <u>NW/4, NE/4, SEC. 30</u> <u>T7</u> <input type="checkbox"/> N <input checked="" type="checkbox"/> S <u>R23</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>8/29/2012</u>	MAXIMUM ALLOWABLE PRESSURE: <u>1821</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	<u>180</u> PSIG	PSIG	PSIG
END OF TEST PRESSURE	<u>180</u> PSIG	PSIG	PSIG

CASING/TUBING	ANNULUS	TUBING	
0 MINUTES	<u>1175.7</u> PSIG	<u>180</u> PSIG	PSIG
5 MINUTES	<u>1173.2</u> PSIG	<u>180</u> PSIG	PSIG
10 MINUTES	<u>1174.6</u> PSIG	<u>180</u> PSIG	PSIG
15 MINUTES	<u>1174.8</u> PSIG	<u>180</u> PSIG	PSIG
20 MINUTES	<u>1174</u> PSIG	<u>180</u> PSIG	PSIG
25 MINUTES	<u>1173.1</u> PSIG	<u>180</u> PSIG	PSIG
30 MINUTES	<u>1172.3</u> PSIG	<u>180</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

QEP ENERGY COMPANY

RW 31-30B

OCTOBER 30, 2013

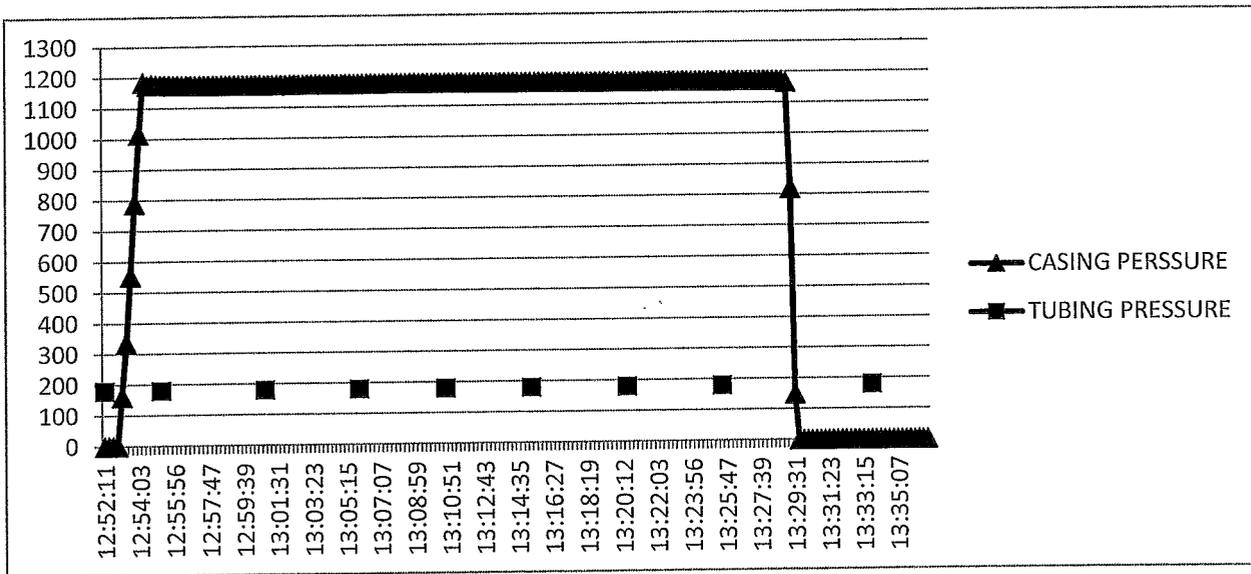
5000	PSIG	34125-1	10	AUG	12	CASING	TUBING	
DATE	MONTH	YEAR	TIME	FILE	SAMPLE	PERSSURE	PRESSURE	TEMP
30	OCT	2013	12:52:11	1	1	0	180	54
30	OCT	2013	12:52:25	1	2	0		54
30	OCT	2013	12:52:39	1	3	0		54
30	OCT	2013	12:52:53	1	4	0		54
30	OCT	2013	12:53:07	1	5	160.61		54
30	OCT	2013	12:53:21	1	6	334.25		54
30	OCT	2013	12:53:35	1	7	553.4		54
30	OCT	2013	12:53:49	1	8	788.5		54
30	OCT	2013	12:54:03	1	9	1015		54
30	OCT	2013	12:54:17	1	10	1184.4		54
30	OCT	2013	12:54:31	1	11	1174.6		54
30	OCT	2013	12:54:45	1	12	1178.8		54
30	OCT	2013	12:54:59	1	13	1176.3		54
30	OCT	2013	12:55:13	1	14	1175.7	180	54
30	OCT	2013	12:55:27	1	15	1175.6		54
30	OCT	2013	12:55:41	1	16	1174.7		54
30	OCT	2013	12:55:56	1	17	1174.5		54
30	OCT	2013	12:56:10	1	18	1174.3		54
30	OCT	2013	12:56:23	1	19	1173.9		54
30	OCT	2013	12:56:37	1	20	1173.7		54
30	OCT	2013	12:56:51	1	21	1173.6		54
30	OCT	2013	12:57:05	1	22	1173.4		54
30	OCT	2013	12:57:19	1	23	1173.2		54
30	OCT	2013	12:57:33	1	24	1173.1		54
30	OCT	2013	12:57:47	1	25	1173		54
30	OCT	2013	12:58:01	1	26	1172.9		54
30	OCT	2013	12:58:15	1	27	1172.9		54
30	OCT	2013	12:58:29	1	28	1172.9		54
30	OCT	2013	12:58:43	1	29	1172.9		54
30	OCT	2013	12:58:57	1	30	1172.8		54
30	OCT	2013	12:59:11	1	31	1172.9		54
30	OCT	2013	12:59:25	1	32	1172.9		54
30	OCT	2013	12:59:39	1	33	1172.9		54
30	OCT	2013	12:59:54	1	34	1172.9		54
30	OCT	2013	13:00:08	1	35	1173		54
30	OCT	2013	13:00:21	1	36	1173		55
30	OCT	2013	13:00:35	1	37	1173.1		55
30	OCT	2013	13:00:49	1	38	1173.2	180	55
30	OCT	2013	13:01:03	1	39	1173.2		55
30	OCT	2013	13:01:17	1	40	1173.2		55
30	OCT	2013	13:01:31	1	41	1173.2		55
30	OCT	2013	13:01:45	1	42	1173.3		55
30	OCT	2013	13:01:59	1	43	1173.4		55
30	OCT	2013	13:02:13	1	44	1173.4		55

DATE	MONTH	YEAR	TIME	FILE	SAMPLE	CASING PRESSURE	TUBING PRESSURE	TEMP
30	OCT	2013	13:02:27	1	45	1173.5		55
30	OCT	2013	13:02:41	1	46	1173.6		55
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30	OCT	2013	13:03:51	1	51	1173.9		55
30	OCT	2013	13:04:06	1	52	1174		55
30	OCT	2013	13:04:20	1	53	1174.1		55
30	OCT	2013	13:04:33	1	54	1174.1		55
30	OCT	2013	13:04:47	1	55	1174.2		55
30	OCT	2013	13:05:01	1	56	1174.3		55
30	OCT	2013	13:05:15	1	57	1174.4		55
30	OCT	2013	13:05:29	1	58	1174.5		55
30	OCT	2013	13:05:43	1	59	1174.5		55
30	OCT	2013	13:05:57	1	60	1174.6	180	55
30	OCT	2013	13:06:11	1	61	1174.7		55
30	OCT	2013	13:06:25	1	62	1174.7		55
30	OCT	2013	13:06:39	1	63	1174.8		55
30	OCT	2013	13:06:53	1	64	1174.8		55
30	OCT	2013	13:07:07	1	65	1174.8		55
30	OCT	2013	13:07:21	1	66	1174.9		57
30	OCT	2013	13:07:35	1	67	1174.9		57
30	OCT	2013	13:07:49	1	68	1174.9		57
30	OCT	2013	13:08:04	1	69	1175		57
30	OCT	2013	13:08:18	1	70	1174.9		57
30	OCT	2013	13:08:31	1	71	1174.9		57
30	OCT	2013	13:08:45	1	72	1175		57
30	OCT	2013	13:08:59	1	73	1175		57
30	OCT	2013	13:09:13	1	74	1174.9		57
30	OCT	2013	13:09:27	1	75	1174.9		57
30	OCT	2013	13:09:41	1	76	1174.9		57
30	OCT	2013	13:09:55	1	77	1174.9		57
30	OCT	2013	13:10:09	1	78	1174.9		57
30	OCT	2013	13:10:23	1	79	1174.9		57
30	OCT	2013	13:10:37	1	80	1174.8	180	57
30	OCT	2013	13:10:51	1	81	1174.8		57
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30	OCT	2013	13:11:19	1	83	1174.7		57
30	OCT	2013	13:11:33	1	84	1174.6		57
30	OCT	2013	13:11:47	1	85	1174.6		57
30	OCT	2013	13:12:02	1	86	1174.6		57
30	OCT	2013	13:12:16	1	87	1174.5		57
30	OCT	2013	13:12:29	1	88	1174.5		57
30	OCT	2013	13:12:43	1	89	1174.5		57

DATE	MONTH	YEAR	TIME	FILE	SAMPLE	CASING PRESSURE	TUBING PRESSURE	TEMP
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30	OCT	2013	13:13:25	1	92	1174.3		57
30	OCT	2013	13:13:39	1	93	1174.3		57
30	OCT	2013	13:13:53	1	94	1174.3		57
30	OCT	2013	13:14:07	1	95	1174.2		57
30	OCT	2013	13:14:21	1	96	1174.2		57
30	OCT	2013	13:14:35	1	97	1174.2		57
30	OCT	2013	13:14:49	1	98	1174.1		57
30	OCT	2013	13:15:03	1	99	1174.1		57
30	OCT	2013	13:15:17	1	100	1174	180	57
30	OCT	2013	13:15:31	1	101	1174		57
30	OCT	2013	13:15:45	1	102	1173.9		57
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30	OCT	2013	13:16:41	1	106	1173.7		59
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30	OCT	2013	13:17:09	1	108	1173.6		59
30	OCT	2013	13:17:23	1	109	1173.7		59
30	OCT	2013	13:17:37	1	110	1173.6		59
30	OCT	2013	13:17:51	1	111	1173.5		59
30	OCT	2013	13:18:05	1	112	1173.5		59
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30	OCT	2013	13:21:21	1	126	1173		59
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30	OCT	2013	13:21:49	1	128	1172.9		59
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30	OCT	2013	13:22:31	1	131	1172.7		59
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30	OCT	2013	13:23:13	1	134	1172.7		59

DATE	MONTH	YEAR	TIME	FILE	SAMPLE	CASING PRESSURE	TUBING PRESSURE	TEMP
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30	OCT	2013	13:23:41	1	136	1172.6		59
30	OCT	2013	13:23:56	1	137	1172.6		59
30	OCT	2013	13:24:10	1	138	1172.5		59
30	OCT	2013	13:24:23	1	139	1172.5		59
30	OCT	2013	13:24:37	1	140	1172.4		59
30	OCT	2013	13:24:51	1	141	1172.4		59
30	OCT	2013	13:25:05	1	142	1172.4		59
30	OCT	2013	13:25:19	1	143	1172.3		59
30	OCT	2013	13:25:33	1	144	1172.3	180	59
30	OCT	2013	13:25:47	1	145	1172.2		59
30	OCT	2013	13:26:01	1	146	1172.3		59
30	OCT	2013	13:26:15	1	147	1172.2		59
30	OCT	2013	13:26:29	1	148	1172.1		59
30	OCT	2013	13:26:43	1	149	1172.1		59
30	OCT	2013	13:26:57	1	150	1172.1		59
30	OCT	2013	13:27:11	1	151	1172.1		59
30	OCT	2013	13:27:25	1	152	1172		59
30	OCT	2013	13:27:39	1	153	1172		59
30	OCT	2013	13:27:54	1	154	1172		59
30	OCT	2013	13:28:08	1	155	1171.9		59
30	OCT	2013	13:28:21	1	156	1171.9		59
30	OCT	2013	13:28:35	1	157	1171.9		59
30	OCT	2013	13:28:49	1	158	1171.8		59
30	OCT	2013	13:29:03	1	159	1165.2		59
30	OCT	2013	13:29:17	1	160	818.4		59
30	OCT	2013	13:29:31	1	161	149.04		59
30	OCT	2013	13:29:45	1	162	0		59
30	OCT	2013	13:29:59	1	163	0		59
30	OCT	2013	13:30:13	1	164	0		59
30	OCT	2013	13:30:27	1	165	0		59
30	OCT	2013	13:30:41	1	166	0		59
30	OCT	2013	13:30:55	1	167	0		61
30	OCT	2013	13:31:09	1	168	0		61
30	OCT	2013	13:31:23	1	169	0		61
30	OCT	2013	13:31:37	1	170	0		61
30	OCT	2013	13:31:51	1	171	0		61
30	OCT	2013	13:32:06	1	172	0		61
30	OCT	2013	13:32:20	1	173	0		61
30	OCT	2013	13:32:33	1	174	0		61
30	OCT	2013	13:32:47	1	175	0		61
30	OCT	2013	13:33:01	1	176	0		61
30	OCT	2013	13:33:15	1	177	0		63
30	OCT	2013	13:33:29	1	178	0		63
30	OCT	2013	13:33:43	1	179	0	180	63

DATE	MONTH	YEAR	TIME	FILE	SAMPLE	CASING PRESSURE	TUBING PRESSURE	TEMP
30	OCT	2013	13:33:57	1	180	0		63
30	OCT	2013	13:34:11	1	181	0		63
30	OCT	2013	13:34:25	1	182	0		63
30	OCT	2013	13:34:39	1	183	0		63
30	OCT	2013	13:34:53	1	184	0		63
30	OCT	2013	13:35:07	1	185	0		63
30	OCT	2013	13:35:21	1	186	0		64
30	OCT	2013	13:35:35	1	187	0		64
30	OCT	2013	13:35:49	1	188	0		64
30	OCT	2013	13:36:04	1	189	0		64
30	OCT	2013	13:36:18	1	190	0		64
30	OCT	2013	13:36:31	1	191	0		64
30	OCT	2013	13:36:45	1	192	0		64



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 8



1595 Wynkoop Street
DENVER, CO 80202-1129
Phone 800-227-8917
<http://www.epa.gov/region08>

NOV 20 2013

RECEIVED

NOV 25 2013

Ref: 8ENF-UFO

DIV. OF OIL, GAS & MINING

CERTIFIED MAIL 7008-3230-0003-0724-6850
RETURN RECEIPT REQUESTED

Ms. Morgan Anderson
Regulatory Affairs Analyst
QEP Energy Company
1050 17th Street, Suite 500
Denver, CO 80265

TS 23E 3D

Re: Underground Injection Control (UIC)
Permission to Resume Injection
RW 31-30B Well
EPA ID# UT20926-04649
API # 43-047-33788
Red Wash Oil Field
Uintah County, UT

Accepted by the
Utah Division of
Oil, Gas and Mining

FOR RECORD ONLY

Dear Ms. Anderson:

On November 6, 2013, the Environmental Protection Agency (EPA) received information from QEP Energy Company on the above referenced well concerning the workover and the followup mechanical integrity test (MIT) conducted on October 30, 2013. 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 October 30, 2018.

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 the EPA is notified and procedures are described to the 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 the EPA, as codified at 40 C.F.R. Part 22.

If you have any questions concerning this letter, you may contact Sarah Roberts at (303) 312-7056.
Please direct all correspondence to the attention of Sarah Roberts at Mail Code 8ENF-UFO.

Sincerely,



Darcy O'Connor, Director
UIC/FIFRA/OPA Technical Enforcement Programs

cc: Gordon Howell, Chairman
 Uintah & Ouray Business Committee
 P.O. Box 190
 Fort Duchesne, Utah 84026

 Reannin Tapoof, Executive Assistant
 Uintah & Ouray Business Committee
 P.O. Box 190
 Fort Duchesne, Utah 84026

 Tony Small, Councilman
 Uintah & Ouray Business Committee
 P.O. Box 190
 Fort Duchesne, Utah 84026

 Phillip Chimburas, Councilman
 Uintah & Ouray Business Committee
 P.O. Box 190
 Fort Duchesne, Utah 84026

 Mike Natchees, Environmental
 Coordinator
 Ute Indian Tribe
 P.O. Box 190
 Fort Duchesne, Utah 84026

 Ronald Wopsock, Vice-Chairman
 Uintah & Ouray Business Committee
 P.O. Box 190
 Fort Duchesne, Utah 84026

 Stewart Pike, Councilman
 Uintah & Ouray Business Committee
 P.O. Box 190
 Fort Duchesne, Utah 84026

 Bruce Ignacio, Councilman
 Uintah & Ouray Business Committee
 P.O. Box 190
 Fort Duchesne, Utah 84026

 Manuel Myore, Director of Energy,
 Minerals and Air Programs
 Ute Indian Tribe
 P.O. Box 190
 Fort Duchesne, Utah 84026

 ✓ John Rogers
 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>

JUL 17 2015

RECEIVED
JUL 21 2015

DIV. OF OIL, GAS & MINING

Ref: 8ENF-UFO

CERTIFIED MAIL 7009-3410-0000-2600-8947
RETURN RECEIPT REQUESTED

Ms. Laura Abrams
Regulatory Affairs Analyst
QEP Energy Company
1050 17th Street, Suite 500
Denver, Colorado 80265

30 7S 23E

Re: Underground Injection Control (UIC)
Permission to Resume Injection
RW 31-30B Well
EPA Permit ID# UT20926-04649
API # 43-047-33788
Red Wash Oil Field
Uintah County, Utah

Accepted by the
Utah Division of
Oil, Gas and Mining

FOR RECORD ONLY

Dear Ms. Abrams:

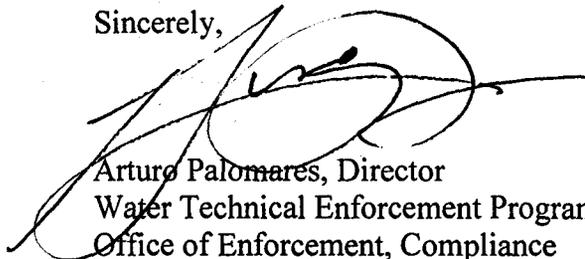
On July 8, 2015, the Environmental Protection Agency (EPA) received information from QEP Energy Company on the above referenced well concerning the workover and the followup mechanical integrity test (MIT) conducted on July 2, 2015. The data submitted shows that the well passed the required MIT. Therefore, 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 July 2, 2020.

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 the EPA is notified and procedures are described to the 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 the EPA, as codified at 40 C.F.R. Part 22.

If you have any questions concerning this letter, you may contact Gary Wang at (303) 312-6469. Please direct all correspondence to the attention of Gary Wang at Mail Code 8ENF-UFO.

Sincerely,



Arturo Palomares, Director
Water Technical Enforcement Program
Office of Enforcement, Compliance
and Environmental Justice

cc: Shaun Chapoose, Chairman, Uintah & Ouray Business Committee
Edred Secakuku, Vice-Chairman, Uintah & Ouray Business Committee
Reannin Tapoof, Executive Assistant, Uintah & Ouray Business Committee

312-6469
8ENF-UFO
312-6469,10

312-6469,10

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-02025
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: 7. UNIT or CA AGREEMENT NAME: RED WASH
1. TYPE OF WELL Water Injection Well	8. WELL NAME and NUMBER: RW 31-30B
2. NAME OF OPERATOR: QEP ENERGY COMPANY	9. API NUMBER: 43047337880000
3. ADDRESS OF OPERATOR: 11002 East 17500 South , Vernal, Ut, 84078	PHONE NUMBER: 303 595-5919 Ext
9. FIELD and POOL or WILDCAT: RED WASH	
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0950 FNL 1943 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNE Section: 30 Township: 07.0S Range: 23.0E Meridian: S	COUNTY: UINTAH STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 3/1/2016 <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<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 type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input checked="" 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"/> 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 style="width: 100px;" type="text"/>

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

QEP Energy Company replaced the packer on the above captioned RW 31-30B injection well in an attempt to resolve casing pressure increases. The results indicated that the well was experiencing a casing leak. QEP Energy respectfully requests authorization to plug and abandon the RW 31-30B per the attached procedure and wellbore diagram.

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

Date: ~~February 10, 2016~~
 By: Derek Quist

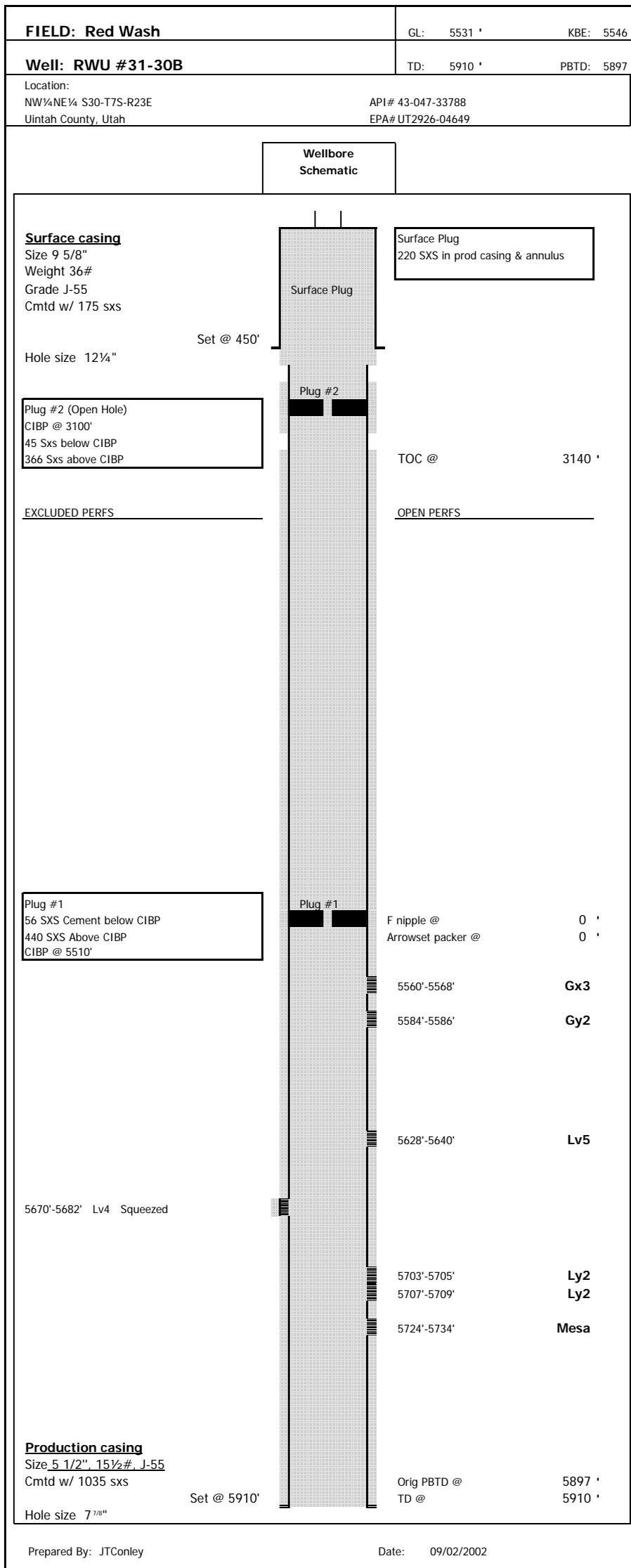
NAME (PLEASE PRINT) Laura Abrams	PHONE NUMBER 303 260-6745	TITLE Sr. Regulatory Affairs Analyst
SIGNATURE N/A	DATE 1/25/2016	

PLUG AND ABANDONMENT PLAN

RW 31-30B

Note: Class G cement will be pumped for the plug and abandonment.

- PLUG NO. 1: Set a cast iron bridge retainer (CIBR) @ +/- 5510 feet. Pump 387 feet of cement below the CIBR. Place 2,260 feet of cement on CIBR. Plug goes from 3250'-5897' (440 sxs of cement).
Approximately 496 sacks of cement.
- PLUG NO. 2: Shoot holes at 3200 feet. Set a CIBR @ +/- 3100 feet. Set a cement plug inside of the 5-1/2 inch production casing and 7-7/8 inch hole from 3000 feet to 3200 feet. From 550'-3100' fill production casing with cement (366 sxs of cement).
Approximately 411 sacks of cement.
- PLUG NO. 3: Shoot holes at 500 feet. Set a cement plug inside of the 5-1/2 inch production casing and annulus from surface to 500 feet.
Approximately 220 sacks of cement.



STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-02025
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SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: 7. UNIT or CA AGREEMENT NAME: RED WASH
--	--

1. TYPE OF WELL Water Injection Well	8. WELL NAME and NUMBER: RW 31-30B
---	---------------------------------------

2. NAME OF OPERATOR: QEP ENERGY COMPANY	9. API NUMBER: 43047337880000
--	----------------------------------

3. ADDRESS OF OPERATOR: 11002 East 17500 South , Vernal, Ut, 84078	PHONE NUMBER: 303 595-5919 Ext	9. FIELD and POOL or WILDCAT: RED WASH
---	-----------------------------------	---

4. LOCATION OF WELL FOOTAGES AT SURFACE: 0950 FNL 1943 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNE Section: 30 Township: 07.0S Range: 23.0E Meridian: S	COUNTY: UINTAH STATE: UTAH
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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 Approximate date work will start: 3/8/2016 <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<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 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 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="Change Cement"/>

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

QEP Energy Company requests authorization to use Class B cement for the plug and abandonment of the RW 31-30B injection well rather than the originally approved Class G cement.

Accepted by the Utah Division of Oil, Gas and Mining

Date: March 07, 2016

By: *Dark Oust*

NAME (PLEASE PRINT) Laura Abrams	PHONE NUMBER 303 260-6745	TITLE Sr. Regulatory Affairs Analyst
SIGNATURE N/A	DATE 3/3/2016	

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-02025
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
1. TYPE OF WELL Water Injection Well		7. UNIT or CA AGREEMENT NAME: RED WASH
2. NAME OF OPERATOR: QEP ENERGY COMPANY		8. WELL NAME and NUMBER: RW 31-30B
3. ADDRESS OF OPERATOR: 11002 East 17500 South , Vernal, Ut, 84078		9. API NUMBER: 43047337880000
PHONE NUMBER: 303 595-5919 Ext		9. FIELD and POOL or WILDCAT: RED WASH
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0950 FNL 1943 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNE Section: 30 Township: 07.0S Range: 23.0E Meridian: S		COUNTY: UINTAH
		STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<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 checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 4/8/2016	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input checked="" 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 type="text"/>

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

Please be advised that on April 8, 2016, QEP Energy Company plugged and abandoned the above captioned RW 31-30B injection well. Please see the attached for the procedure used to PA the well. Final reclamation will be done within 6 months of plugging the well. All equipment, trash and debris will be removed. The location will be re-contoured, topsoil will be spread and seeded with a BLM approved seed mix. Reclamation will follow the BLM Green River District Reclamation Guidelines.

**Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
April 18, 2016**

NAME (PLEASE PRINT) Laura Abrams	PHONE NUMBER 303 260-6745	TITLE Sr. Regulatory Affairs Analyst
SIGNATURE N/A	DATE 4/14/2016	

QEP Energy Company
RW 31-30B INJ Plug and Abandon

On 4/8/2016 QEP Energy Company plugged and abandoned the RW 31-30B injection well as follows:

4/6/2016 – RIH with CICR and set at 5510'. PT casing to 800 psi, good test. 56 sks below COCR and 138 sks above. TOC at 4292'. RU wireline and shoot holes at 3200'. RIH with CICR at set at 3100'. Pump 45 sks below CICR and 141 sks above. TOC at 1855'. Balance a plug from 1855' to 550' with 148 sks cement. RU wireline and shoot squeeze holes at 500'.

4/7/2016 – Circulate cement from 500' to surface. Cut off well head and install dry hole marker. Morgan Whiting from the BLM Vernal FO was on location.

All cement was Class B, 1.18 yield and 15.6#.

Lat 109°22'2.45 W Long 40°11'6.44 N



Independence Plaza
1050 17th Street, Suite 500
Denver, CO 80265
Tel: 303.672.6900
Fax: 303.294.9632

January 8, 2016

U.S. Environmental Protection Agency, Region 8
1595 Wynkoop Street
Denver, CO 80202-1129

Attn: Don Breffle

RECEIVED
JAN 13 2016
DIV. OF OIL, GAS & MINING

RE: Request to Plug and Abandon
RW 31-30B
UIC# UT20926-04649
API# 43-047-33788
Location: Sec. 30, T7S, R23E, Uintah County, UT

Dear Mr. Breffle:

On Friday, October 9, 2015, QEP Energy Company observed an increase in casing pressure on the above captioned well. In response to the increase, the well was shut-in immediately. On October 12, 2015, QEP submitted to your office a plan to remove and replace the existing packer.

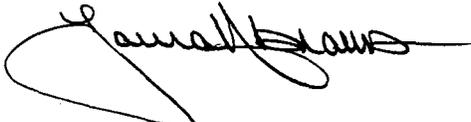
Please be advised that on November 24, 2015, QEP replaced the packer in the wellbore; however the well is still experiencing pressure issues. It has been determined that the pressure increase has been caused by a casing leak in the wellbore. QEP respectfully requests authorization to plug and abandon the RW 31-30B injection well per the attached plug and abandonment plan. Please note; the attached procedure has been revised from the originally permitted plan in the EPA permit.

QEP intends to plug and abandon this well in Spring of 2016; pending EPA, BLM and UDOGM approval.

Accepted by the
Utah Division of
Oil, Gas and Mining
For Record Only

If you have any additional questions or concerns, please don't hesitate to contact me at (303) 260-6745 or via email at laura.abrams@qepres.com.

Sincerely,

A handwritten signature in black ink, appearing to read "Laura Abrams", with a large, sweeping flourish underneath.

Laura Abrams
Sr. Regulatory Affairs Analyst



Enclosures: Plug and Abandon Procedure and Wellbore Diagram

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

PLUG AND ABANDONMENT PLAN

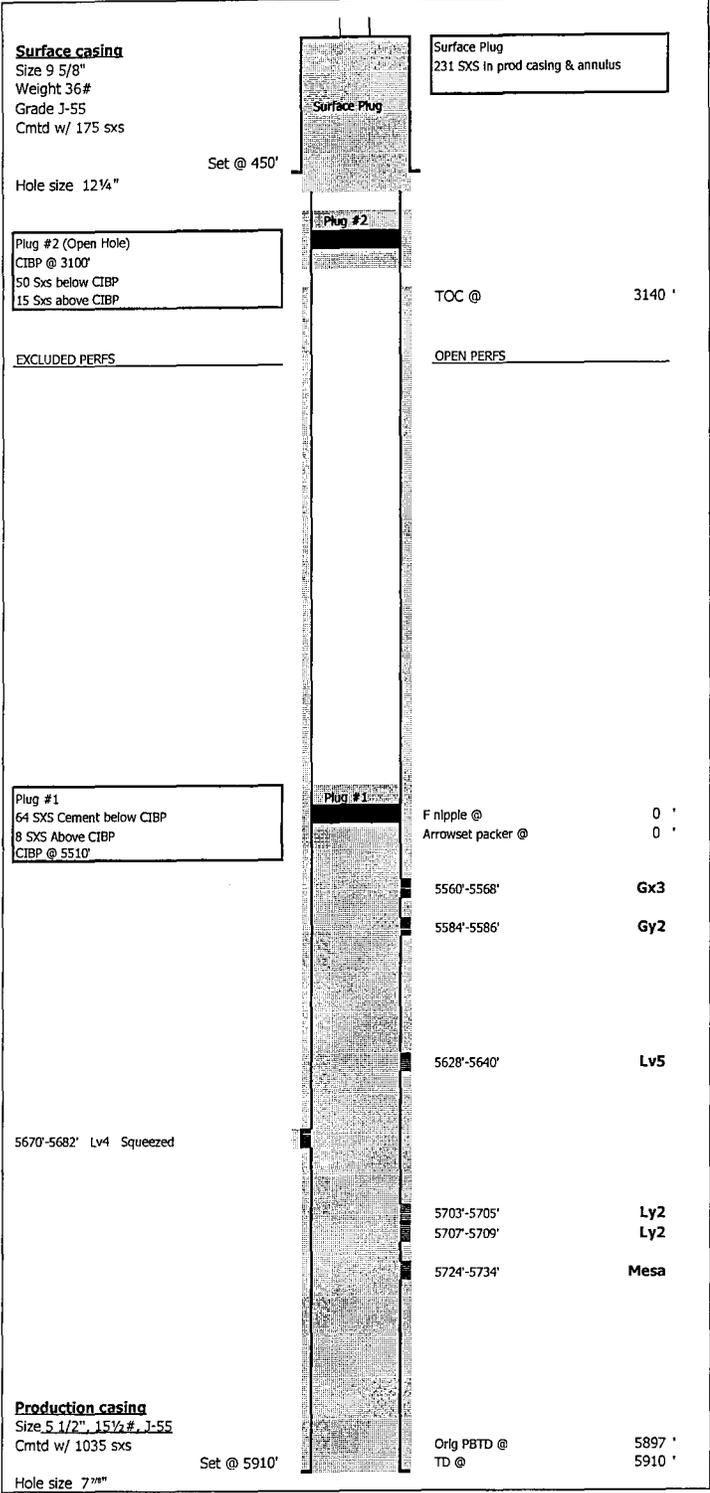
RW 31-30B

Note: Class G cement will be pumped for the plug and abandonment. 10 pound per gallon brine will be used to separate the cement plugs.

- PLUG NO. 1: Set a cast iron bridge plug (CIBP) @ +/- 5510 feet. Pump 387 feet of cement below the CIBP. Place 50 feet of cement on CIBP.
Approximately 72 sacks of Cement.
- PLUG NO. 2: Shoot holes at 3200 feet. Set a CIBP @ +/- 3100 feet. Set a cement plug inside of the 5-1/2 inch production casing and 7-7/8 inch hole from 3000 feet to 3200 feet.
Approximately 65 sacks of cement.
- PLUG NO. 3: Shoot holes at 500 feet. Set a cement plug inside of the 5-1/2 inch production casing and annulus from surface to 500 feet.
Approximately 231 sacks of cement.

FIELD: Red Wash	GL: 5531'	KBE: 5546'
Well: RWU #31-30B	TD: 5910'	PBTD: 5897'
Location: NW¼NE¼ S30-T7S-R23E Uintah County, Utah		API# 43-047-33788 EPA# UT2926-04649

Wellbore Schematic



Prepared By: U.Sarica

Date: 1/6/2016



Independence Plaza
1050 17th Street, Suite 500
Denver, CO 80265
Tel: 303.672.6900
Fax: 303.294.9632

January 25, 2016

U.S. Environmental Protection Agency, Region 8
1595 Wynkoop Street
Denver, CO 80202-1129

Attn: Don Breffle

RE: Request to Plug and Abandon – REVISED
RW 31-30B
UIC# UT20926-04649
API# 43-047-33788
Location: Sec. 30, T7S, R23E, Uintah County, UT

DIV. OF OIL, GAS & MINING
JAN 29 2016
RECEIVED

Dear Mr. Breffle:

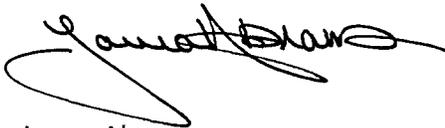
On Friday, October 9, 2015, QEP Energy Company observed an increase in casing pressure on the above captioned well. In response to the increase, the well was shut-in immediately. On October 12, 2015, QEP submitted to your office a plan to remove and replace the existing packer.

On January 8, 2016, after an unsuccessful attempt to replace the packer to resolve the issue, QEP submitted a Plug and Abandonment request to your office. Enclosed please find a REVISED procedure and wellbore diagram pursuant to our conversation on Friday, January 22nd. The plan now includes cementing the entire length of the production casing to ensure that the suspected casing leak is fully concealed.

QEP intends to plug and abandon this well in Spring of 2016; pending EPA, BLM and UDOGM approval.

If you have any additional questions or concerns, please don't hesitate to contact me at (303) 260-6745 or via email at laura.abrams@qepres.com.

Sincerely,

A handwritten signature in black ink, appearing to read 'Laura Abrams', with a large, sweeping flourish underneath.

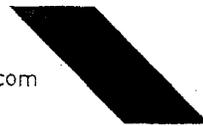
Laura Abrams
Sr. Regulatory Affairs Analyst



Enclosures: Plug and Abandon Procedure and Wellbore Diagram

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



PLUG AND ABANDONMENT PLAN

RW 31-30B

Note: Class G cement will be pumped for the plug and abandonment.

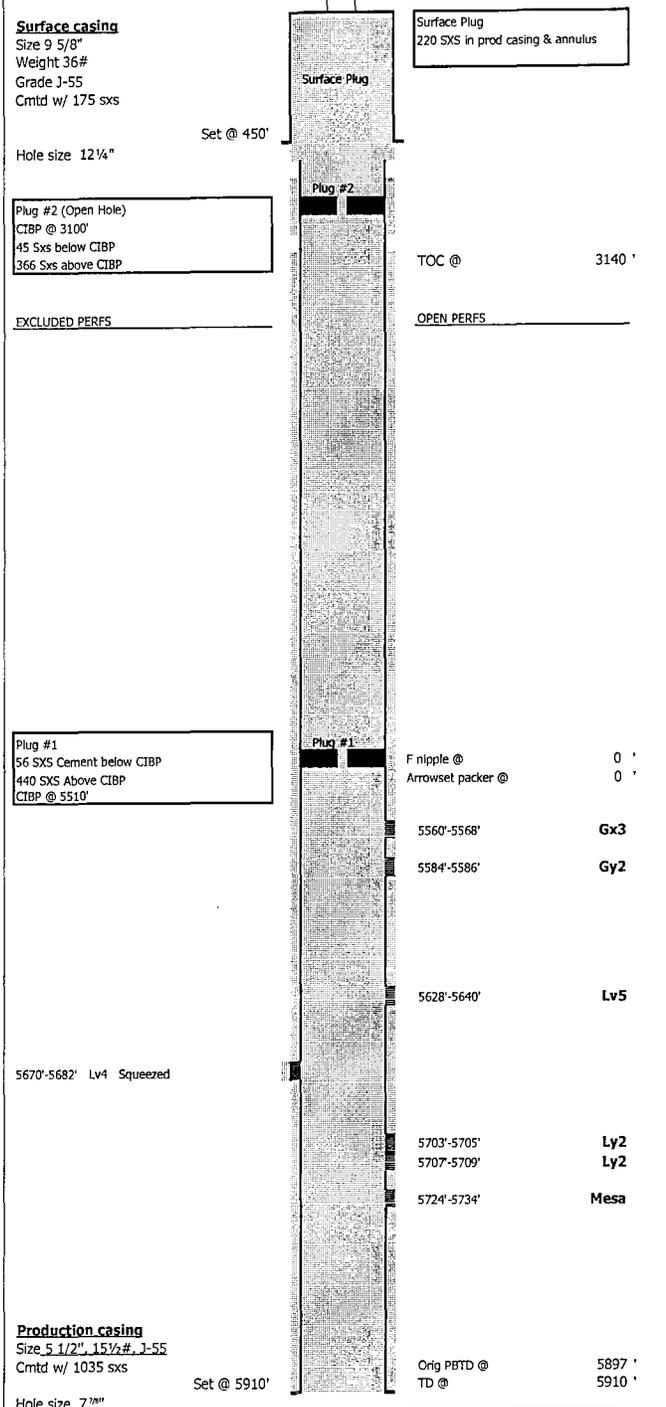
- PLUG NO. 1: Set a cast iron bridge retainer (CIBR) @ +/- 5510 feet. Pump 387 feet of cement below the CIBR. Place 2,260 feet of cement on CIBR. Plug goes from 3250'-5897' (440 sxs of cement).
Approximately 496 sacks of cement.
- PLUG NO. 2: Shoot holes at 3200 feet. Set a CIBR @ +/- 3100 feet. Set a cement plug inside of the 5-1/2 inch production casing and 7-7/8 inch hole from 3000 feet to 3200 feet. From 550'-3100' fill production casing with cement (366 sxs of cement).
Approximately 411 sacks of cement.
- PLUG NO. 3: Shoot holes at 500 feet. Set a cement plug inside of the 5-1/2 inch production casing and annulus from surface to 500 feet.
Approximately 220 sacks of cement.

FIELD: Red Wash GL: 5531 ' KBE: 5546 '

Well: RWU #31-30B TD: 5910 ' PBTD: 5897 '

Location: NW1/4 NE1/4 S30-T7S-R23E API# 43-047-33788
 Uintah County, Utah EPA# UT2926-04649

Wellbore Schematic



Surface casing
 Size 9 5/8"
 Weight 36#
 Grade J-55
 Crntd w/ 175 sxs

Hole size 12 1/4"

Plug #2 (Open Hole)
 CIBP @ 3100'
 45 Sxs below CIBP
 366 Sxs above CIBP

EXCLUDED PERFS

Plug #1
 56 SXS Cement below CIBP
 440 SXS Above CIBP
 CIBP @ 5510'

5670'-5682' Lv4 Squeezed

Production casing
 Size 5 1/2" 15 1/2# J-55
 Crntd w/ 1035 sxs
 Hole size 7 7/8"

Surface Plug
 220 SXS in prod casing & annulus

TOC @ 3140'

OPEN PERFS

F nipple @ 0'
 Arrowset packer @ 0'

5560'-5568' Gx3

5584'-5586' Gy2

5628'-5640' Lv5

5703'-5705' Ly2

5707'-5709' Ly2

5724'-5734' Mesa

Orig PBTD @ 5897'
 TD @ 5910'