

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE

FORM APPROVED  
OMB NO. 1040-0136  
Expires: February 28, 1995

001

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. UTSL06679	
TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME N/A	
2. NAME OF OPERATOR QEP, Uinta Basin Division		7. UNIT AGREEMENT NAME RED WASH UNIT	
3. ADDRESS 11002 E. 17500 S. Vernal, Ut 84078		8. FARM OR LEASE NAME, WELL NO. RWU 34-22C	
Contact: John Busch E-Mail: john.busch@questar.com		9. API WELL NO. 43-047-35098	
Telephone number Phone 435-781-4341 Fax 435-781-4323		10. FIELD AND POOL, OR WILDCAT RED WASH	
4. LOCATION OF WELL (Report location clearly and in accordance with and State requirements*) At Surface 4450156Y 660' FSL, 1980' FEL 40.18966 At proposed production zone 653472X -109.19716		11. SEC., T, R, M, OR BLK & SURVEY OR AREA SWSE, SECTION 22, T7S, R24E	
14. DISTANCE IN MILES FROM NEAREST TOWN OR POSTOFFICE* 7 +/- miles East of Redwash, Utah		12. COUNTY OR PARISH UINTAH	13. STATE UT
15. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (also to nearest drlg, unit line if any) 660' +/-	16. NO. OF ACRES IN LEASE 320	17. NO. OF ACRES ASSIGNED TO THIS WELL 40	
18. DISTANCE FROM PROPOSED location to nearest well, drilling, completed, applied for, on this lease, ft 3000' +/-	19. PROPOSED DEPTH 5475'	20. BLM/BIA Bond No. on file ESB000024	
21. ELEVATIONS (Show whether DF, RT, GR, ect.) 5744' KB	22. DATE WORK WILL START ASAP	23. Estimated duration 10 DAYS	
24. Attachments			

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

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

RECEIVED

JUL 23 2003

SIGNED John Busch

Name (Printed) JOHN BUSCH

21-Jul-03

DIV. OF OIL, GAS & MINING

TITLE OPERATIONS SUPERVISOR

(This space for Federal or State office use)

PERMIT NO. 43-047-35098 APPROVAL DATE \_\_\_\_\_

Application approval does not warrant or certify the applicant holds any legal or equitable title in or right in the subject lease which would entitle the applicant to conduct operations thereon

CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY Bradley G. Hill TITLE ENVIRONMENTAL SCIENTIST III  
\*See Instructions On Reverse Side

DATE 07-28-03

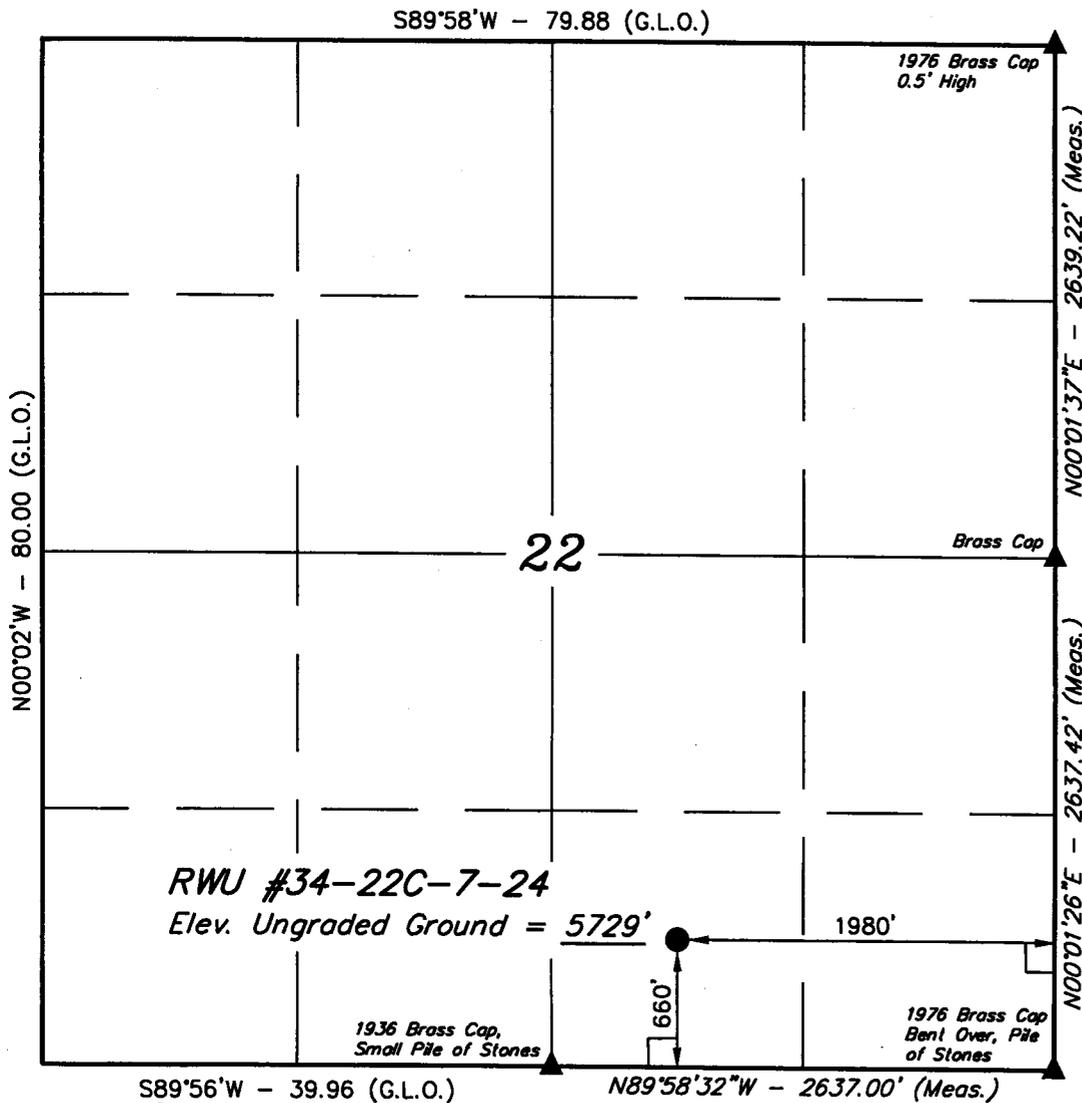
Title 18 U.S.C Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction

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T7S, R24E, S.L.B.&M.

QUESTAR EXPLORATION & PRODUCTION

Well location, RWU #34-22C-7-24, located as shown in the SW 1/4 SE 1/4 of Section 22, T7S, R24E, S.L.B.&M., Uintah County, Utah.

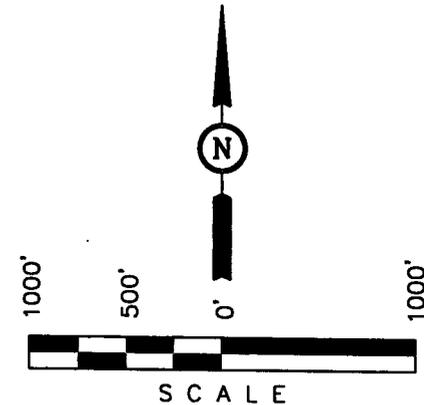


BASIS OF ELEVATION

BENCH MARK (38 EAM) LOCATED IN THE SW 1/4 SW 1/4 OF SECTION 32, T7S, R25E, S.L.B.&M. TAKEN FROM THE DINOSAUR NW QUADRANGLE, UTAH, UTAH COUNTY 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5643 FEET.

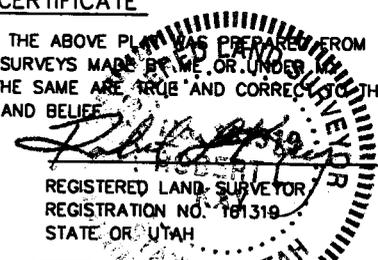
BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.



CERTIFICATE

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



REGISTERED LAND SURVEYOR  
REGISTRATION NO. 181319  
STATE OF UTAH

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LEGEND:

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

(AUTONOMOUS NAD 83)  
LATITUDE = 40°11'22.44" (40.189567)  
LONGITUDE = 109°11'53.00" (109.198056)

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

SCALE 1" = 1000'	DATE SURVEYED: 03-07-03	DATE DRAWN: 03-13-03
PARTY D.K. J.R. D.COX	REFERENCES G.L.O. PLAT	
WEATHER WARM	FILE QUESTAR EXPLORATION & PRODUCTION	

## DRILLING PROGRAM

ONSHORE OIL & GAS ORDER NO. 1  
Approval of Operations on Onshore  
Federal Oil and Gas Leases

All lease and/or unit operations will be conducted in such a manner that full compliance is made with applicable laws, regulations (43 CFR 3100), Onshore Oil 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	2509'	
Mahogany Ledge	3244'	
Green River "Eagle"	4259'	Gas
Prairie	5475'	

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	Prairie	5475'

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.

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DRILLING PROGRAM

3. Operator's Specification for Pressure Control Equipment:

- A. 3,000 psi W.P. Double Gate BOP or Single Gate BOP (schematic attached)
- B. Functional test daily
- C. All casing strings shall be pressure tested (0.2 psi/foot or 1500 psi, whichever is greater) prior to drilling the plug after cementing; test pressure shall not exceed the internal yield pressure of the casing.
- D. Ram type preventers and associated equipment shall be tested to approved stack working pressure if isolated by test plug or to 70 percent of internal yield pressure of casing whichever is less. Tests shall be done at the time of installation, prior to drilling out monthly. All tests shall be for a period of 10 minutes

4. Casing Program

	<u>Depth</u>	<u>Hole Size</u>	<u>Csg Size</u>	<u>Type</u>	<u>Weight</u>
Surface	450'	12-1/4"	9"	K-55	36lb/ft (new)
Production	5475'	7-7/8"	4-1/2"	N-80	11.6lb/ft (new)

5. Auxiliary Equipment

- A. Kelly Cock – yes
- B. Float at the bit – no
- C. Monitoring equipment on the mud system – visually/PVT & Flow show
- D. Full opening safety valve on the rig floor – yes
- E. Rotating Head – yes  
Only if Air is used the following will be used:
- F. The blooie line shall be at least 6" in diameter and extend at least 100' from the well bore into the reserve/blooie pit.
- G. Blooie line ignition shall be provided by a continuous pilot (ignited when drilling below 500').
- H. Compressor shall be tied directly to the blooie line through a manifold.

DRILLING PROGRAM

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- I. A mister with a continuous stream of water shall be installed near the end of the blooie lines for dust suppression.
6. Surface hole will be drilled with air, air/mist, foam, or mud depending on hole conditions. Drilling below surface casing will be with water based drilling fluids consisting primarily of fresh water, bentonite, lignite, caustic, lime, soda ash and polymers. No chromates will be used. It is not intended to use oil in the mud, however, in the event it is used, oil concentration will be less than 4% by volume. Maximum anticipated mud weight is 9.5 ppg.

No minimum quantity of weight material will be required to be kept on location.

PVT/Flow Show will be used from base of surface casing to TD.

Gas detector will be used from surface casing depth to TD.

6. Testing, logging and coring program

- A. Cores – none anticipated
- B. DST – none anticipated

Logging – Mud logging – 4500 to TD  
GR-SP-Induction  
Neutron Density  
MRI

- C. Formation and Completion Interval: Prairie interval, final determination of completion will be made by analysis of logs.  
Stimulation – Stimulation will be designed for the particular area of interest as encountered.

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DRILLING PROGRAM

7. Cementing Program

<u>Casing</u>	<u>Volume</u>	<u>Type &amp; Additives</u>
Surface	257 sx	Class "G" single slurry mixed to 15.6 ppg, yield = 1.19 cf/sx. Fill to surface with 160 cf (257 sx) calculated. Tail plug used. Allowed to set under pressure
Production	Lead: 463 sxs Tail: 459 sxs	Lead/Tail oilfield type cement circulated in place . Tail slurry: Class "G" + gilsonite and additives as required, mixed to 14.8 ppg, yield = 1.34 cf/sx. Fill to 3850' ( $\pm 300'$ above top of Lower Prairie). Cement Characteristics: Lead slurry: Class "G" + extender and additives as required, mixed to 11.0 ppg, yield = 3.82 cf/sx. Fill to surface. Tail plug used. Allowed to set under pressure.

\*Final cement volumes to be calculated from caliper log with an attempt to be made to circulate cement to the surface. A bond log will be run across the zone of interest and across zones as required by the authorized officer to insure protection of natural resources.

8. Anticipated Abnormal Pressures and Temperatures, Other Potential Hazards

No abnormal temperatures or pressures are anticipated. No H<sub>2</sub>S has been encountered in or known to exist from previous wells drilled to similar depths in the general area. Maximum anticipated bottom hole pressure equals approximately 2190.0 psi. Maximum anticipated bottom hole temperature is 140° F.

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**QEP, UINTA BASIN INC.  
RED WASH UNIT 34-22C  
660' FSL, 1980' FEL  
SWSE, SECTION 22, T7S, R24E  
UINTAH COUNTY, UTAH  
LEASE # UTSL-06679**

**ONSHORE ORDER NO. 1**

**MULTI – POINT SURFACE USE & OPERATIONS PLAN**

An onsite inspection was conducted for the RWU 34-22C on May 13, 2003 at approximately 10:00 AM. Weather conditions were sunny at the time of the onsite. In attendance at the inspection were the following individuals:

Paul Buehler	Bureau of Land Management
Dixie Sadleir	Bureau of Land Management
Jan Nelson	QEP/SEI
Raleen Searle	QEP/SEI

**1. Existing Roads:**

The proposed well site is approximately 9 miles Southwest of Redwash, Utah.

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

There will be no improvements made to existing access roads.

**2. Planned Access Roads:**

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

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

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

Please refer to Topo Map C.

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

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

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

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

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

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**6. Source of Construction Materials:**

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

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

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

**8. Ancillary Facilities:**

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

**9. Well Site Layout: (See Location Layout Diagram)**

The attached Location Layout Diagram describes drill pad cross-sections, cuts and fills and locations of the mud tanks, reserve pit, flare pit, pipe racks, trailer parking, spoil dirt stockpile(s), and surface material stockpile(s).

Please see the attached diagram to describe rig orientation, parking areas, and access roads.

Move topsoil between corners 2 and 8.

A pit liner is required. A felt pit liner will be required if bedrock is encountered.

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

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

Seed mix #5 as follows;

Black Sagebrush	Artemesa arbuscula nova	5lbs/acre
Western Wheatgrass	A gropyron smithii	5lbs/acre
Globe Mallow	Sphaeralcea coccinea or munroana	1lbs/acre

**11. Surface Ownership:**

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

Bureau of Land Management  
170 South 500 East  
Vernal, Utah 84078  
(435) 781-4400

**12. Other Information**

A Class III archaeological survey was conducted by Montgomery Archaeology Consultants. A copy of this report was submitted directly to the appropriate agencies by Montgomery Archaeology Consultants. Cultural resource clearance was recommended for this location.

No drilling or construction will take place during the Sage Grouse season March 15 thru June 15th.

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**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.



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John Busch  
Red Wash Operations Representative

21-Jul-03

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Date

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## **Additional Operator Remarks**

QEP, Uinta Basin Inc. proposes to drill a well to 5475" to test the Prairie. If productive, casing will be run and the well completed. If dry, the well will be plugged and abandoned as per BLM and State of Utah requirements

Please see QEP, Uinta Basin Inc. (Shenandoah Energy Inc.) Attached 8- Point Drilling Program

See Onshore Order No. 1 attached

Please be advised that QEP, Uinta Basin 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. ESB000024. The principal is QEP, Uinta Basin Inc. via surety as consent as provided for the 43 CFR 3104.2.

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# QUESTAR EXPLR. & PROD.

RWU #34-22C-7-24

LOCATED IN UINTAH COUNTY, UTAH

SECTION 22, T7S, R24E, S.L.B.&M.



PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: SOUTHEASTERLY



PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: EASTERLY



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

LOCATION PHOTOS

03  
MONTH

13  
DAY

03  
YEAR

PHOTO

TAKEN BY: D.K.

DRAWN BY: P.M.

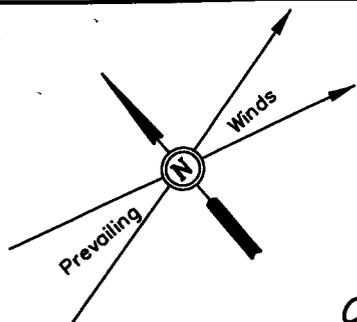
REVISED: 00-00-00

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# QUESTAR EXPLORATION & PRODUCTION

FIGURE #1

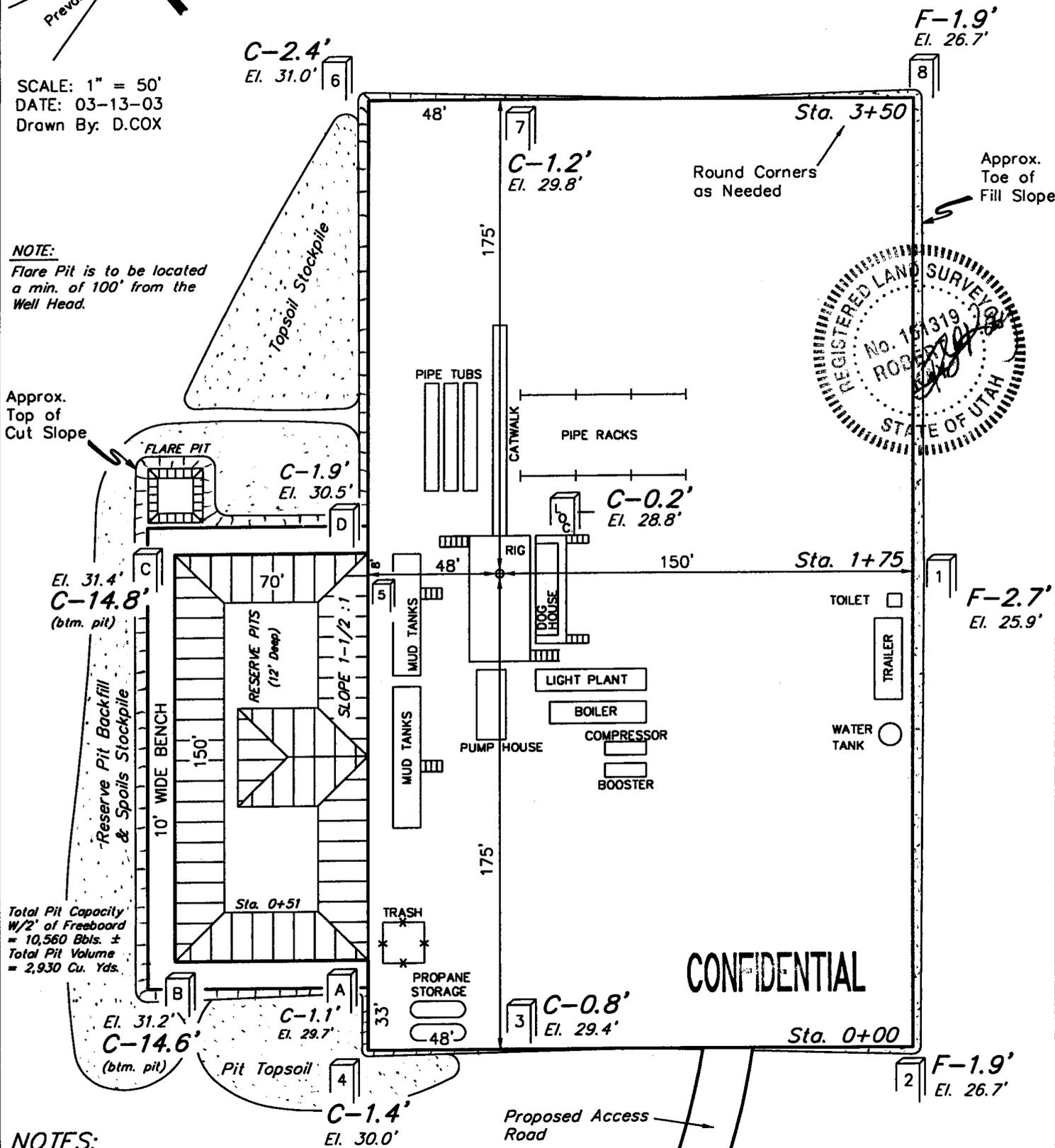
LOCATION LAYOUT FOR  
 RWU #34-22C-7-24  
 SECTION 22, T7S, R24E, S.L.B.&M.  
 660' FSL 1980' FEL



SCALE: 1" = 50'  
 DATE: 03-13-03  
 Drawn By: D.COX

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

Approx.  
 Top of  
 Cut Slope



**NOTES:**

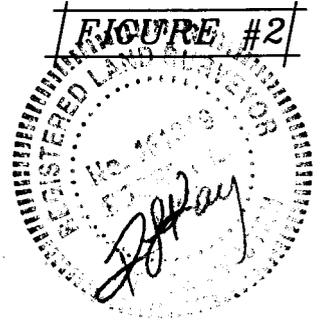
Elev. Ungraded Ground At Loc. Stake = 5728.8'  
 FINISHED GRADE ELEV. AT LOC. STAKE = 5728.6'

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

# QUESTAR EXPLORATION & PRODUCTION

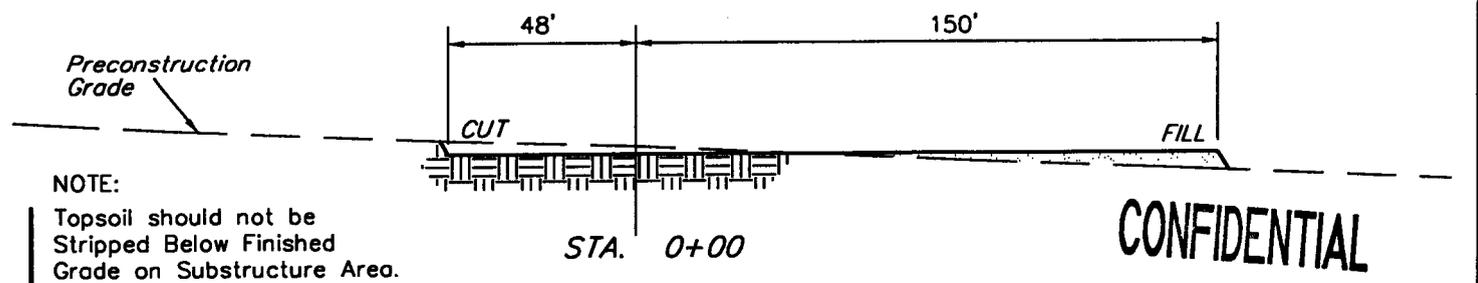
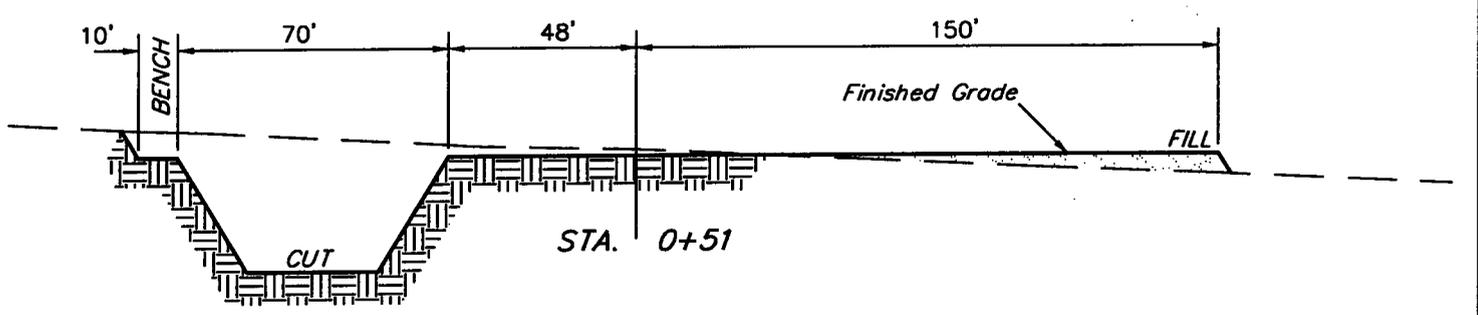
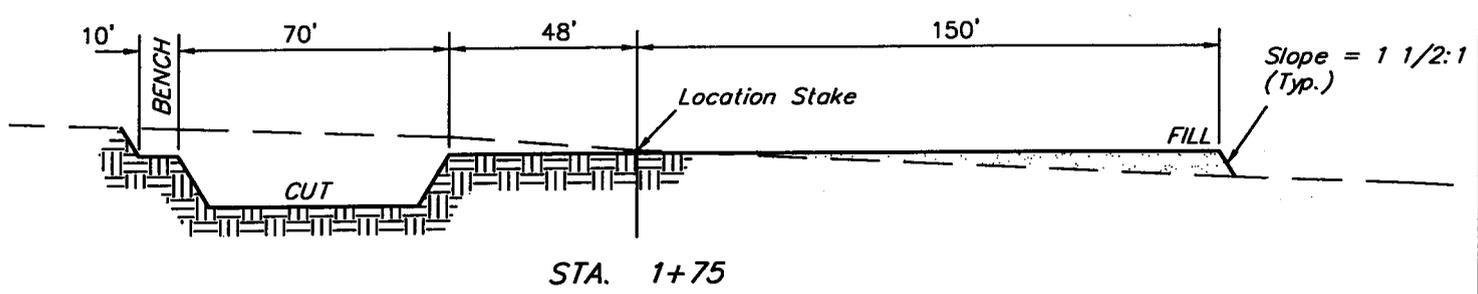
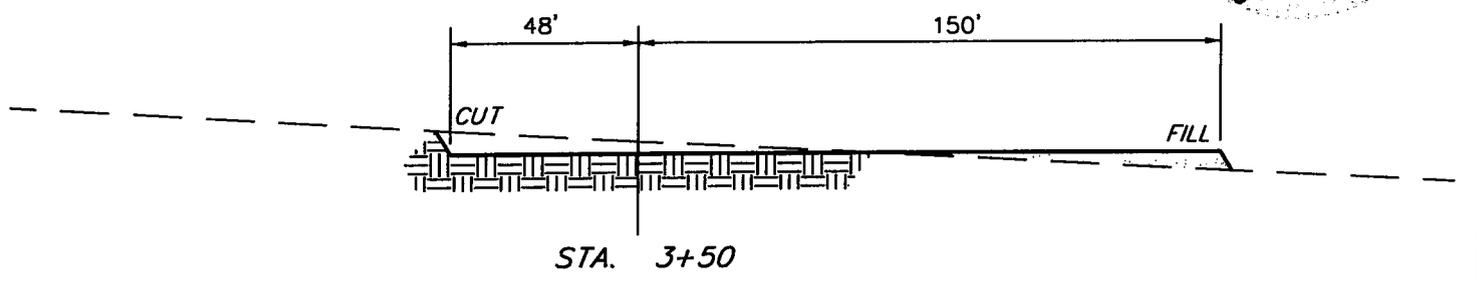
## TYPICAL CROSS SECTIONS FOR

RWU #34-22C-7-24  
SECTION 22, T7S, R24E, S.L.B.&M.  
660' FSL 1980' FEL



1" = 20'  
X-Section Scale  
1" = 50'

DATE: 03-13-03  
Drawn By: D.COX



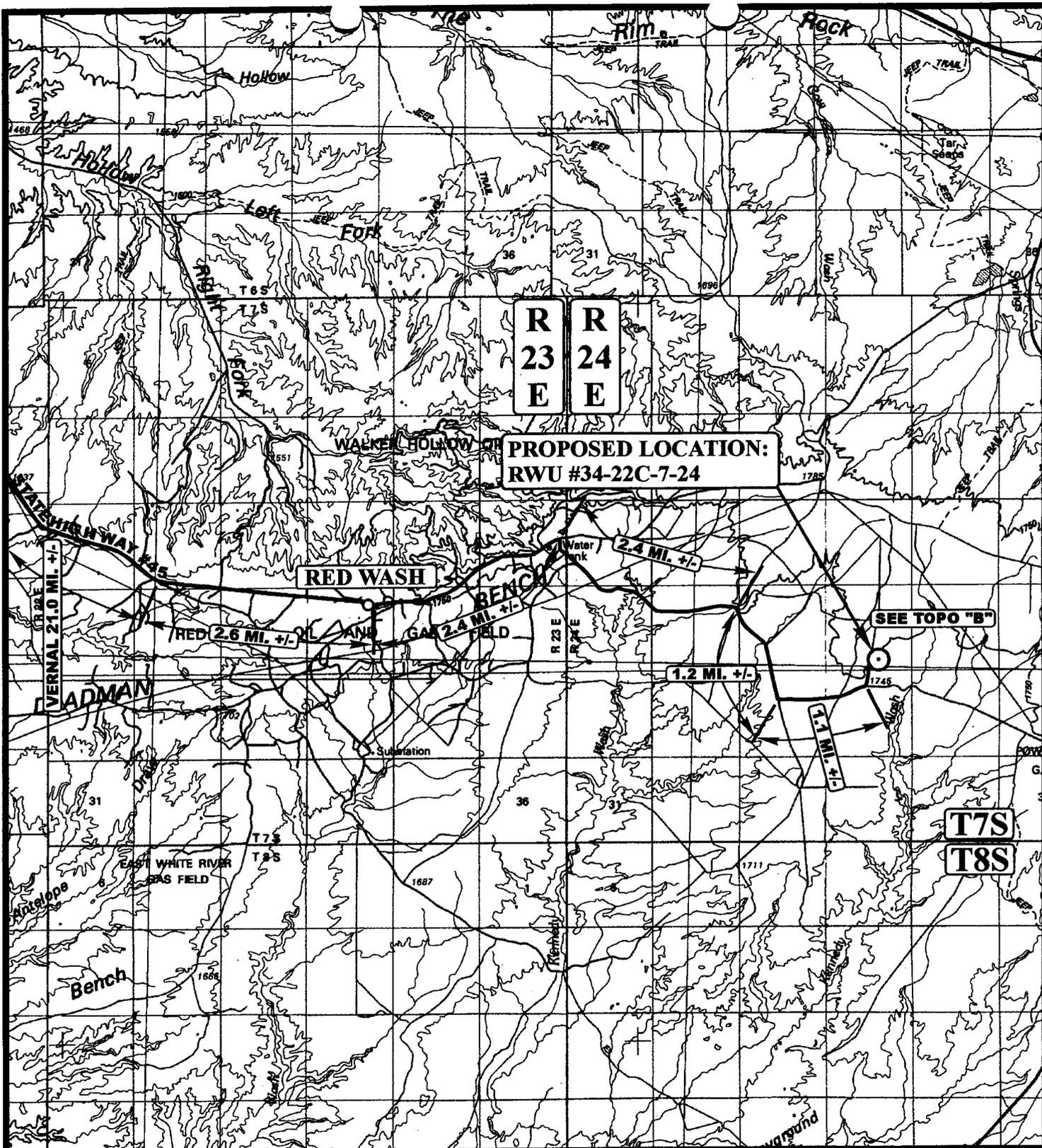
NOTE:  
Topsoil should not be Stripped Below Finished Grade on Substructure Area.

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### APPROXIMATE YARDAGES

CUT	
(6") Topsoil Stripping	= 1,540 Cu. Yds.
Remaining Location	= 4,270 Cu. Yds.
<b>TOTAL CUT</b>	<b>= 5,810 CU.YDS.</b>
<b>FILL</b>	<b>= 2,670 CU.YDS.</b>

EXCESS MATERIAL AFTER 5% COMPACTION	= 3,000 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	= 3,000 Cu. Yds.
EXCESS UNBALANCE (After Rehabilitation)	= 0 Cu. Yds.



**LEGEND:**

⊙ PROPOSED LOCATION



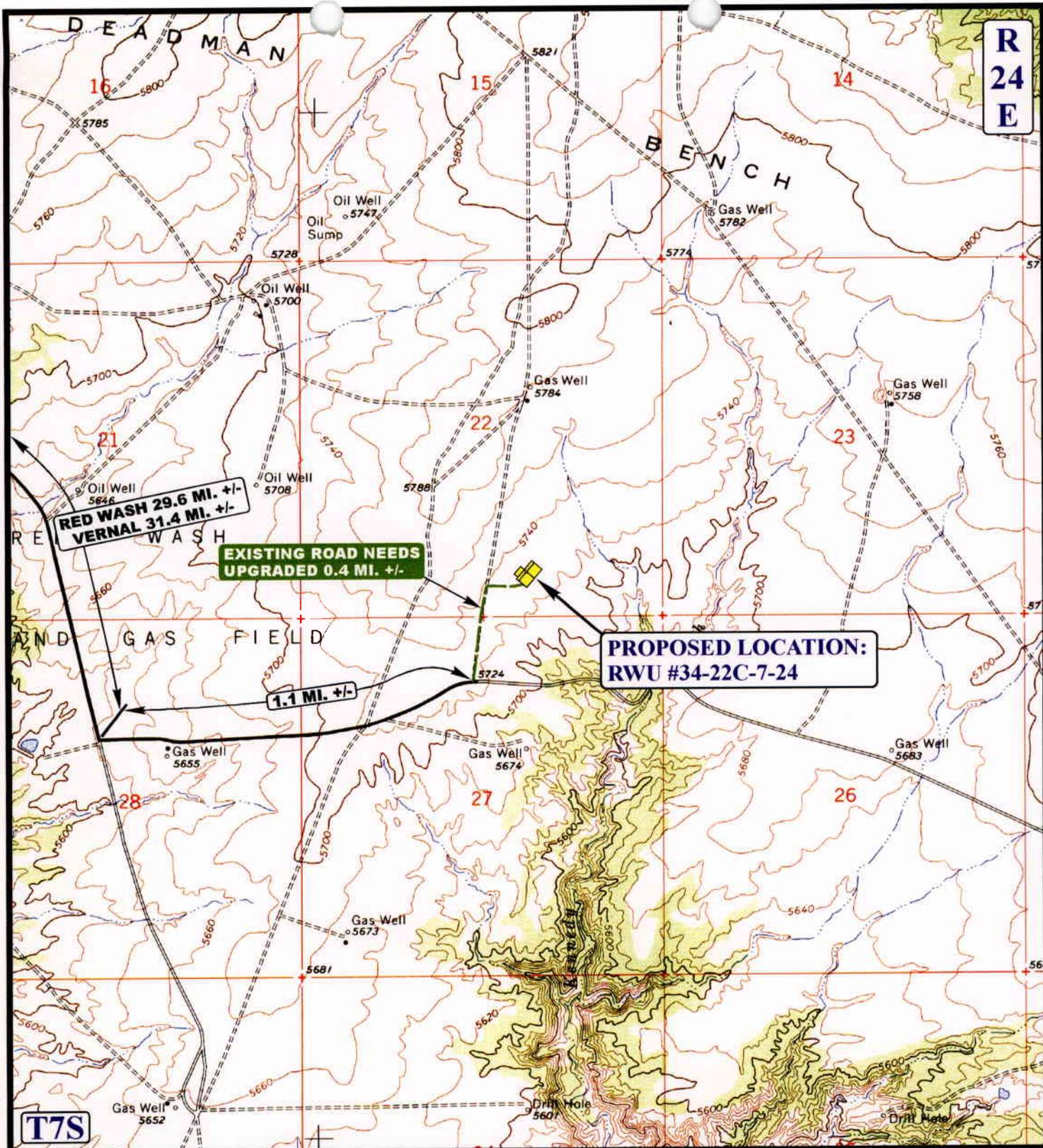
**QUESTAR EXPLR. & PROD.**

RWU #34-22C-7-24  
SECTION 22 T7S, R24E, S.L.B.&M.  
660' FSL 1980' FEL

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

**TOPOGRAPHIC** 03 13 03  
MAP MONTH DAY YEAR  
SCALE: 1:100,000 DRAWN BY: P.M. REVISED: 00-00-00 **A**  
TOPO

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**LEGEND:**

- EXISTING ROAD
- EXISTING ROAD NEEDS UPGRADED

**QUESTAR EXPLR. & PROD.**

**RWU #34-22C-7-24**  
**SECTION 22 T7S, R24E, S.L.B.&M.**  
**660' FSL 1980' FEL**



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



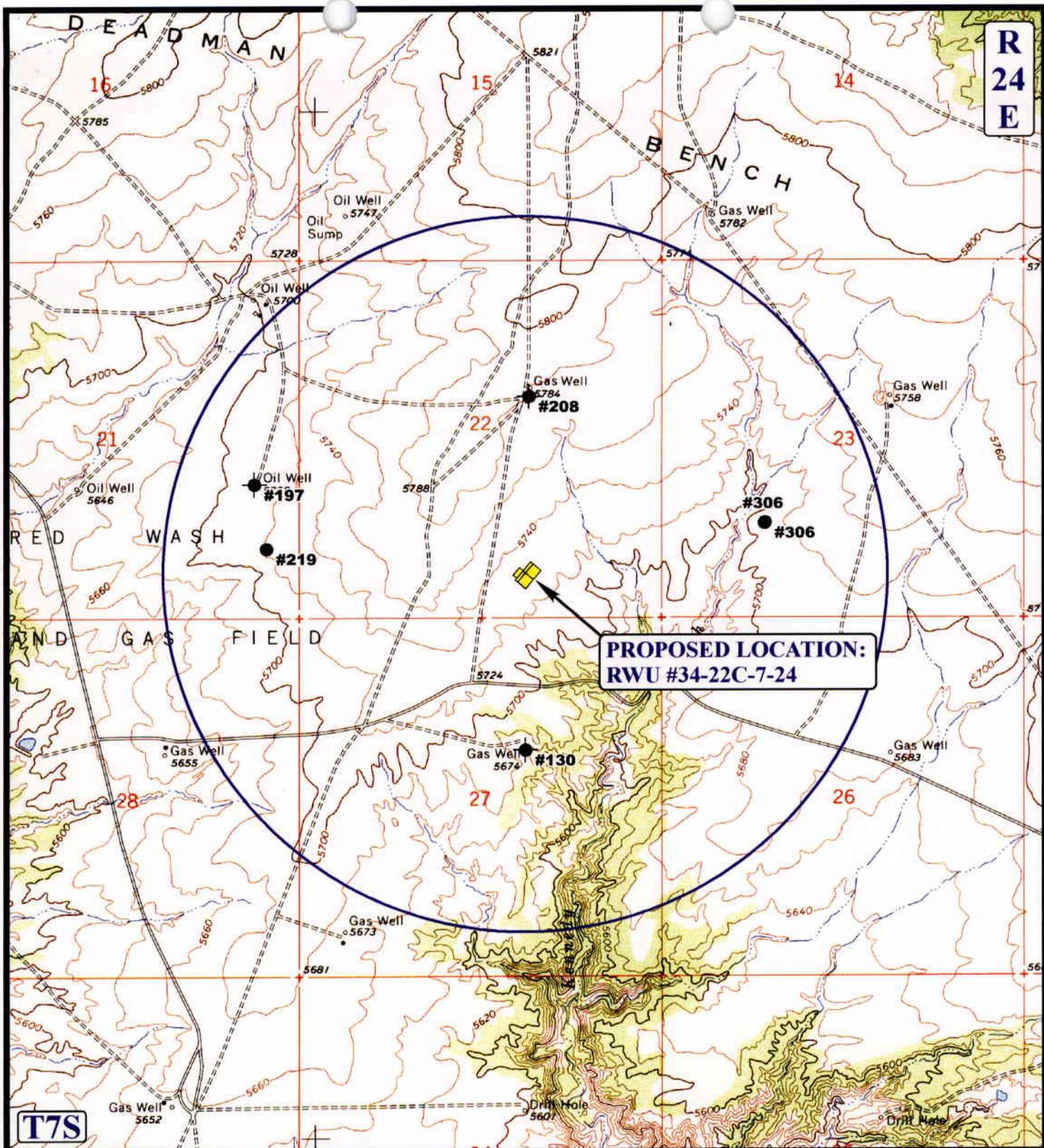
**TOPOGRAPHIC**  
**MAP**

**03 13 03**  
 MONTH DAY YEAR

SCALE: 1" = 2000' DRAWN BY: P.M. REVISED: 00-00-00



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**LEGEND:**

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

**QUESTAR EXPLR. & PROD.**

**RWU #34-22C-7-24**  
**SECTION 22 T7S, R24E, S.L.B.&M.**  
**660' FSL 1980' FEL**



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



**TOPOGRAPHIC**  
**MAP**

<b>03</b>	<b>13</b>	<b>03</b>
MONTH	DAY	YEAR

SCALE: 1" = 2000' DRAWN BY: P.M. REVISED: 00-00-00



**CONFIDENTIAL**

004

WORKSHEET  
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 07/23/2003

API NO. ASSIGNED: 43-047-35098

WELL NAME: RWU 34-22C

OPERATOR: QEP UINTA BASIN, INC. ( N2460 )

CONTACT: JOHN BUSCH

PHONE NUMBER: 435-781-4341

PROPOSED LOCATION:

SWSE 22 070S 240E  
SURFACE: 0660 FSL 1980 FEL  
BOTTOM: 0660 FSL 1980 FEL  
UINTAH  
RED WASH ( 665 )

LEASE TYPE: 1 - Federal

LEASE NUMBER: UTSL06679

SURFACE OWNER: 1 - Federal

PROPOSED FORMATION: GRRV

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

LATITUDE: 40.18966

LONGITUDE: 109.19716

RECEIVED AND/OR REVIEWED:

- Plat
- Bond: Fed[1] Ind[] Sta[] Fee[]  
(No. ESB000024 )
- Potash (Y/N)
- Oil Shale 190-5 (B) or 190-3 or 190-13
- Water Permit  
(No. 43-8496 )
- RDCC Review (Y/N)  
(Date: \_\_\_\_\_ )
- Fee Surf Agreement (Y/N)

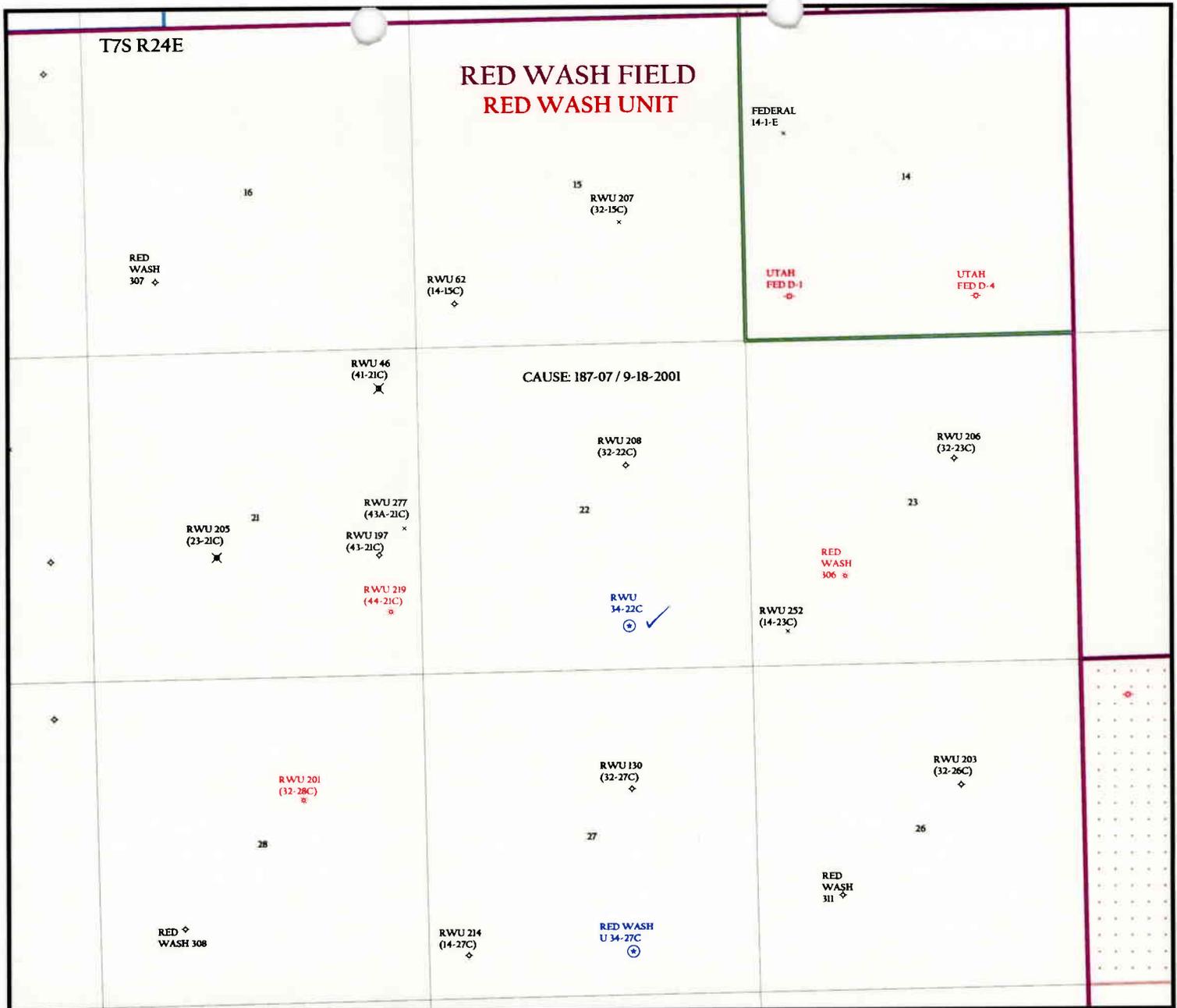
LOCATION AND SITING:

- R649-2-3.
- Unit RED WASH
- R649-3-2. General  
Siting: 460 From Qtr/Qtr & 920' Between Wells
- R649-3-3. Exception
- Drilling Unit  
Board Cause No: 187-07  
Eff Date: 9-19-01  
Siting: 460' from unit boundary
- R649-3-11. Directional Drill

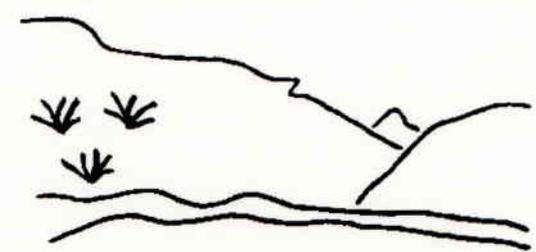
COMMENTS: \_\_\_\_\_

STIPULATIONS: \_\_\_\_\_

*1- Federal approval  
2- Spacing Strip*



OPERATOR: DOMINION EXPL & PROD N1095)  
 SEC. 22 T.7S, R.24E  
 FIELD: RED WASH (665)  
 COUNTY: UINTAH  
 CAUSE: 187-07 / 9-1/-2001



Utah Oil Gas and Mining

- Wells**
- ◇ GAS INJECTION
  - ◇ GAS STORAGE
  - ◇ LOCATION ABANDONED
  - NEW LOCATION
  - ◇ PLUGGED & ABANDONED
  - ◇ PRODUCING GAS
  - ◇ PRODUCING OIL
  - ◇ SHUT-IN GAS
  - ◇ SHUT-IN OIL
  - × TEMP. ABANDONED
  - ◇ TEST WELL
  - △ WATER INJECTION
  - ◇ WATER SUPPLY
  - ◇ WATER DISPOSAL

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

- Field Status**
- ABANDONED
  - ACTIVE
  - COMBINED
  - INACTIVE
  - PROPOSED
  - STORAGE
  - TERMINATED



PREPARED BY: DIANA MASON  
 DATE: 25-JULY-2003

BUREAU OF LAND MANAGEMENT  
Utah State Office  
P.O. Box 45155  
Salt Lake City, Utah 84145-0155

IN REPLY REFER TO:

3160

(UT-922)

July 25, 2003

Memorandum

To: Assistant District Manager Minerals, Vernal District  
From: Michael Coulthard, Petroleum Engineer  
Subject: 2003 Plan of Development Red Wash Unit,  
Uintah County, Utah.

Pursuant to email between Diana Mason, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management. The following well is planned for calendar year 2003 within the Red Wash Unit, Uintah County, Utah.

Api Number	Well	Location
(Proposed PZ Green River)		
43-047-35098	RWU 34-22C	Sec. 22 T07S R24E 0660 FSL 1980 FEL

This office has no objection to permitting the well 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:7-25-3



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)

July 28, 2003

QEP Uinta Basin, Inc.  
11002 E 17500 S  
Vernal, UT 84078

Re: Red Wash Unit 34-22C Well, 660' FSL, 1980' FEL, SW SE, Sec. 22, T. 7 South,  
R. 24 East, Uintah County, Utah

Gentlemen:

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

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-35098.

Sincerely,

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

John R. Baza  
Associate Director

pab  
Enclosures

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

**Operator:** QEP Uinta Basin, Inc.  
**Well Name & Number** Red Wash Unit 34-22C  
**API Number:** 43-047-35098  
**Lease:** UTSL06679

**Location:** SW SE                      **Sec.** 22                      **T.** 7 South                      **R.** 24 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.

5. This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and Mining (the "Board"). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled, completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an area larger than the quarter-quarter section upon which the well is located is being drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

006

APPLICATION FOR PERMIT TO DRILL OR REENTER

1a. Type of Work:  DRILL  REENTER

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

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2. Name of Operator: SHENANDOAH ENERGY INC. Contact: JOHN BUSCH  
E-Mail: john.busch@questar.com

3a. Address: 11002 E. 17500 S. VERNAL, UT 84078  
3b. Phone No. (include area code): Ph: 435.781.4341 Fx: 435.781.4323

4. Location of Well (Report location clearly and in accordance with any State requirements):  
At surface: SWSE 660FSL 1980FEL  
At proposed prod. zone:

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14. Distance in miles and direction from nearest town or post office: 8 +/- MILES SOUTHEAST OF REDWASH, UTAH

15. Distance from proposed location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any): 660' +/-  
16. No. of Acres in Lease

18. Distance from proposed location to nearest well, drilling, completed, applied for, on this lease, ft.: 3000' +/-  
19. Proposed Depth: 5475 MD 5475 TVD

21. Elevations (Show whether DF, KB, RT, GL, etc.): 5733 KB  
22. Approximate date work will start

5. Lease Serial No. UTSL066791  
6. If Indian, Allottee or Tribe Name  
7. If Unit or CA Agreement, Name and No. RED WASH  
8. Lease Name and Well No. RED WASH UNIT 34-22C  
9. API Well No.  
10. Field and Pool, or Exploratory RED WASH UNIT  
11. Sec., T., R., M., or Blk. and Survey or Area Sec 22 T7S R24E Mer SLB  
12. County or Parish UINTAH  
13. State UT  
17. Spacing Unit dedicated to this well 40.00  
20. BLM/BIA Bond No. on file UT-1237  
23. Estimated duration 10 DAYS

24. Attachments

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

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

25. Signature (Electronic Submission): JOHN BUSCH Name (Printed/Typed): JOHN BUSCH Date: 05/30/2003

Title: OPERATIONS

Approved by (Signature): [Signature] Name (Printed/Typed): Office: DATE: 07/31/2003  
Title: Assistant Field Manager Mineral Resources

NOTICE OF APPROVAL

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

CONDITIONS OF APPROVAL ATTACHED

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Additional Operator Remarks (see next page)

Electronic Submission #22336 verified by the BLM Well Information System  
For SHENANDOAH ENERGY INC., sent to the Vernal  
Committed to AFMSS for processing by LESLIE WALKER on 06/13/2003 ()

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DIV. OF OIL, GAS & MINING

UDOGM

\*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\*

CONDITIONS OF APPROVAL  
APPLICATION FOR PERMIT TO DRILL

Company/Operator: Shenandoah Energy Inc.

Well Name & Number: RWU 34-22C

API Number: 43-047-35098

Lease Number: UTSL - 066791

Location: SWSE Sec. 22 TWN: 07S RNG: 24E

Agreement: RED WASH UNIT

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

### **CONDITIONS OF APPROVAL FOR 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.

**Submit an electronic copy of all logs run on this well in LAS format. This submission will replace the requirement for submittal of paper logs to the BLM.**

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  $\pm 2,554$  ft.

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

Topsoil pile will be piled between stake 2 & 8.

Shenandoah (QEP) will move the location further to the west minimizing the loss of sagebrush habitat, and creating more distance between the lek and the well.

No construction or drilling will occur during the Sage Grouse nesting season from March 15 through June 15. Avoid the use of work over rigs during this timeframe from one hour before sunrise and three hours after sunrise.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

007

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**

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1. Type of Well  
 Oil Well  Gas Well  Other

2. Name of Operator  
**QEP UINTA BASIN, INC.**

3. Address and Telephone No. **11002 E. 17500 S. VERNAL, UT 84078-8526** Contact: **dahn.caldwell@questar.com**  
**435.781.4342 Fax 435.781.4357**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
**SWSE - Sec 22, T7S, R24E**  
**660' FSL, 1980' FEL**

5. Lease Designation and Serial No.  
**UTSL06679**

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

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

8. Well Name and No.  
**RWU 34-22C**

9. API Well No.  
**43-047-35098**

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

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

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"/> 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>Spud</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 was spud on 8/09/03. Drill 12-1/4" hole to 458'. Ran 10 jts 9-5/8" csg to 449' GL.**

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3- BLM, 2- Utah OG&M, 1 - Denver, 1 - file Word file-server

14. I hereby certify that the foregoing is true and correct.  
 Signed *Dahn Caldwell* Title **Authorized Representative** Date **8/11/03**

(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.

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OPERATOR: **Shenandoah Energy, Inc.**  
ADDRESS: **11002 East 17530 South  
Vernal, Utah 84078-8526**

(435)781-4300

ENTITY ACTION FORM - FORM 6

Action Code	Current Entity No.	New Entity No.	API Number	Well Name	QQ	SC	TP	RG	County	Spud Date	Effective Date
<i>B</i>	<i>99999</i>	<i>5670</i>	<i>43-047-35098</i>	<i>RWU 34-22C</i>	<i>SWSE</i>	<i>22</i>	<i>7S</i>	<i>24E</i>	<i>Uintah</i>	<i>8/09/03</i>	<i>8/14/03</i>
WELL 1 COMMENTS: <i>GRV</i> <b>CONFIDENTIAL</b>											
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)

*John F. Caldwell*  
Signature

Clerk Specialist 8/11/03  
Title Date

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

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

(3/89)

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AUG 13 2003

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**Questar Exploration And Production  
11002 East 17500 South  
Vernal, Utah 84078**

Red Wash Unit 34-22C  
Red Wash Field  
Uintah County, Utah  
United States of America

**Cementing Recommendation  
and Cost Estimate**

Prepared for: Kevin OConnell  
August 20, 2003  
Version: 1

Submitted by:  
Rob Kruger  
Halliburton Energy Services  
Vernal Ut Us  
1085 E Main  
Vernal, Utah 84078  
+435.789.2550

**HALLIBURTON**

**CONFIDENTIAL**  
Proposal RWU 34-22C v.1

*Halliburton appreciates the opportunity to present this proposal and looks forward to being of service to you.*

## **Foreword**

---

Enclosed is our recommended procedure for cementing the casing strings in the referenced well. The information in this proposal includes well data, calculations, materials requirements, and cost estimates. This proposal is based on information from our field personnel and previous cementing services in the area.

Halliburton Energy Services recognizes the importance of meeting society's needs for health, safety, and protection of the environment. It is our intention to proactively work with employees, customers, the public, governments, and others to use natural resources in an environmentally sound manner while protecting the health, safety, and environmental processes while supplying high quality products and services to our customers.

We appreciate the opportunity to present this proposal for your consideration and we look forward to being of service to you. Our Services for your well will be coordinated through the Service Center listed below. If you require any additional information or additional designs, please feel free to contact myself or our field representative listed below.

Prepared by: \_\_\_\_\_  
John Jorgensen  
Procedure Analyst

Submitted by: \_\_\_\_\_  
Rob Kruger  
Account Rep.

SERVICE CENTER: Vernal Utah  
SERVICE COORDINATOR: Dale Horrald  
OPER. ENGINEER: Rick Curtice  
PHONE NUMBER:(800)874-2550

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## Job Information

## 7" Intermediate

Red Wash Unit

34-22C

Well Intervals:

9 5/8" Surface

0 - 450 ft (MD)  
0 - 450 ft (TVD)

Outer Diameter

9.625 in

Inner Diameter

8.921 in

Linear Weight

36 lbm/ft

Job Excess

0 %

8 3/4" Open Hole

450 - 5600 ft (MD)  
450 - 5600 ft (TVD)

Inner Diameter

8.750 in

Job Excess

25 %

7" Intermediate

0 - 5600 ft (MD)  
0 - 5600 ft (TVD)

Outer Diameter

7.000 in

Inner Diameter

6.366 in

Linear Weight

23 lbm/ft

Job Excess

0 %

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## Calculations

## 7" Intermediate

Spacer:

$$\begin{aligned} \text{Total Spacer} &= 168.44 \text{ ft}^3 \\ &= 30.00 \text{ bbl} \end{aligned}$$

Spacer:

$$\begin{aligned} \text{Total Spacer} &= 112.29 \text{ ft}^3 \\ &= 20.00 \text{ bbl} \end{aligned}$$

Cement : (4000.00 ft fill)

$$\begin{aligned} 450.00 \text{ ft} * 0.1668 \text{ ft}^3/\text{ft} * 0 \% &= 75.07 \text{ ft}^3 \\ 3550.00 \text{ ft} * 0.1503 \text{ ft}^3/\text{ft} * 25 \% &= 667.09 \text{ ft}^3 \\ \text{Total Lead Cement} &= 742.15 \text{ ft}^3 \\ &= 132.18 \text{ bbl} \\ \text{Sacks of Cement} &= 194 \text{ sks} \end{aligned}$$

Cement : (1600.00 ft fill)

$$\begin{aligned} 1600.00 \text{ ft} * 0.1503 \text{ ft}^3/\text{ft} * 25 \% &= 300.66 \text{ ft}^3 \\ \text{Tail Cement} &= 300.66 \text{ ft}^3 \\ &= 53.55 \text{ bbl} \end{aligned}$$

Shoe Joint Volume: (42.00 ft fill)

$$\begin{aligned} 42.00 \text{ ft} * 0.221 \text{ ft}^3/\text{ft} &= 9.28 \text{ ft}^3 \\ &= 1.65 \text{ bbl} \\ \text{Tail plus shoe joint} &= 309.94 \text{ ft}^3 \\ &= 55.20 \text{ bbl} \\ \text{Total Tail} &= 253 \text{ sks} \end{aligned}$$

Total Pipe Capacity:

$$\begin{aligned} 5600.00 \text{ ft} * 0.221 \text{ ft}^3/\text{ft} &= 1237.79 \text{ ft}^3 \\ &= 220.46 \text{ bbl} \end{aligned}$$

Displacement Volume to Shoe Joint:

$$\begin{aligned} \text{Capacity of Pipe - Shoe Joint} &= 220.46 \text{ bbl} - 1.65 \text{ bbl} \\ &= 218.81 \text{ bbl} \end{aligned}$$

0000000000

## Job Recommendation

## 7" Intermediate

### Fluid Instructions

Fluid 1: Reactive Spacer  
Super Flush

Fluid Density: 9.20 lbm/gal  
Fluid Volume: 30 bbl

Fluid 2: Water Spacer  
Water Spacer

Fluid Density: 8.33 lbm/gal  
Fluid Volume: 20 bbl

Fluid 3: Lead Cement  
Halliburton Hi-Fill

Fluid Weight 11 lbm/gal  
Slurry Yield: 3.82 ft<sup>3</sup>/sk  
Total Mixing Fluid: 23.36 Gal/sk  
Top of Fluid: 0 ft  
Calculated Fill: 4000 ft  
Volume: 132.18 bbl  
Calculated Sacks: 194.28 sks  
Proposed Sacks: 195 sks

Fluid 4: Tail Cement  
50/50 Poz Premium

2 % Total Bentonite (Light Weight Additive)  
0.4 % Halad(R)-322 (Low Fluid Loss Control)  
5 % Salt (Salt)BWOW  
0.2 % Microbond (Expander)  
0.25 lbm/sk Flocele (Lost Circulation Additive)

Fluid Weight 14.35 lbm/gal  
Slurry Yield: 1.22 ft<sup>3</sup>/sk  
Total Mixing Fluid: 5.33 Gal/sk  
Top of Fluid: 4000 ft  
Calculated Fill: 1600 ft  
Volume: 55.20 bbl  
Calculated Sacks: 253.43 sks  
Proposed Sacks: 255 sks

Fluid 5: Water Spacer  
Displacement

Fluid Density: 8.33 lbm/gal  
Fluid Volume: 218.81 bbl

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### Detailed Pumping Schedule

Fluid #	Fluid Type	Fluid Name	Surface Density lbm/gal	Estimated Avg Rate bbl/min	Downhole Volume
1	Spacer	Super Flush	9.2	5.0	30 bbl
2	Spacer	Water Spacer	8.3	5.0	20 bbl
3	Cement	Halco Hi-Fill	11.0	5.0	195 sks
4	Cement	50/50 POZ	14.4	5.0	255 sks
5	Spacer	Displacement	8.3	5.0	218.81 bbl

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### SAP Quote #0

Mtrl Nbr	Description	Qty	U/M	Unit Price	Gross Amt	Discount	Net Amt
7522	PSL - CMT INTERMEDIATE CASING - BOM	1		0.00	0.00	47.0%	0.00
1	"ZI-MILEAGE FROM NEAREST HES BASE,/UNIT" Number of Units	80 1	MI	4.41	352.80	47.0%	186.98
2	MILEAGE FOR CEMENTING CREW,ZI Number of Units	80 1	MI	2.60	208.00	47.0%	110.24
16091	ZI - PUMPING CHARGE DEPTH FEET/METRES (FT/M)	1 5600 FT	EA	3,556.00	3,556.00	47.0%	1,884.68
139	ADC (AUTO DENSITY CTRL) SYS, /JOB,ZI NUMBER OF UNITS	1 1	JOB	1,109.00	1,109.00	47.0%	587.77
132	PORT. DAS W/CEMWIN;ACQUIRE W/HES, ZI NUMBER OF DAYS	1 1	JOB	916.00	916.00	47.0%	485.48
<b>EQUIPMENT &amp; SERVICES</b>							
<b>SubTotal</b>				<b>USD</b>	<b>6,141.80</b>	<b>47.0%</b>	<b>3,255.15</b>
100003161	PLUG - CMTG - TOP PLASTIC - 7 IN.	1	EA	152.00	152.00	47.0%	80.56
100003639	SUPER FLUSH	30	SK	147.76	4,432.80	47.0%	2,349.38
21832	HALLIBURTON HI-FILL	195	SK	29.43	5,738.85	47.0%	3,041.59
12302	50-50 POZ (PREMIUM)	255	SK	14.35	3,659.25	47.0%	1,939.40
100003646	HALAD(R)-322	84	LB	9.21	773.64	47.0%	410.03
100003652	SALT	567	LB	0.22	124.74	47.0%	66.11
100003669	MICROBOND	42	LB	1.41	59.22	47.0%	31.39
100005049	FLOCELE	64	LB	2.71	173.44	47.0%	91.92
76400	ZI MILEAGE,CMT MTLs DEL/RET MIN NUMBER OF TONS	40 22.84	MI	1.51	1,379.54	47.0%	731.16
3965	HANDLE&DUMP SVC CHRg, CMT&ADDITIVES,ZI NUMBER OF EACH	569 1	CF	2.47	1,405.43	47.0%	744.88
<b>MATERIALS</b>							
<b>SubTotal</b>				<b>USD</b>	<b>17,898.91</b>	<b>47.0%</b>	<b>9,486.42</b>
100004725	SHOE,GID,7 8RD	1	EA	199.00	199.00	43.0%	113.43
100004781	COLLAR-FLOAT- 7 8RD 17-26#/FT - 2-3/4	1	EA	522.00	522.00	43.0%	297.54
100004626	CLAMP - LIMIT - 7 - HINGED -	1	EA	25.00	25.00	43.0%	14.25
100004481	CTRZR ASSY,API,7 CSG X 9 7/8HOLE,HNGD	20	EA	76.65	1,533.00	43.0%	873.81
100005045	HALLIBURTON WELD-A KIT	1	EA	18.43	18.43	43.0%	10.51
<b>FLOAT EQUIPMENT</b>							
<b>SubTotal</b>				<b>USD</b>	<b>2,297.43</b>	<b>43.0%</b>	<b>1,309.54</b>
7	ENVIRONMENTAL SURCHARGE,/JOB,ZI	1	JOB	66.24	66.24	0.0%	66.24
8	IRON SAFETY INSPECTION SURCHARGE /JOB ZI	1	JOB	39.74	39.74	0.0%	39.74
86954	FUEL SURCHG-CARS/PICKUPS<1 1/2TON/PER/MI Number of Units	80 1	MI	0.08	6.40	0.0%	6.40
86955	FUEL SURCHG-HEAVY TRKS >1 1/2 TON/PER MI Number of Units	80 1	MI	0.24	19.20	0.0%	19.20
87605	FUEL SURCHG-CMT & CMT ADDITIVES/PER TNM NUMBER OF TONS	40 22.84	MI	0.08	73.09	0.0%	73.09

# HALLIBURTON

<u>Mtrl Nbr</u>	<u>Description</u>	<u>Qty</u>	<u>U/M</u>	<u>Unit Price</u>	<u>Gross Amt</u>	<u>Discount</u>	<u>Net Amt</u>
	SURCHARGES						
	SubTotal			USD	204.67	0.0%	204.67
	Total			USD			26,542.80
	Discount			USD			12,287.03
	Discounted Total			USD			14,255.77

Primary Plant: Vernal, UT, USA  
Secondary Plant: Vernal, UT, USA

Price Book Ref: 01 Western US  
Price Date: 4/1/2001

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## Job Information

## 4 1/2" Liner

---

Red Wash Unit

34-22C

Well Intervals:

4 1/2" DErill Pipe

0 - 5300 ft (MD)  
0 - 5300 ft (TVD)

Outer Diameter  
Inner Diameter  
Linear Weight  
Job Excess

4.500 in  
3.826 in  
16.60 lbm/ft  
0 %

7" Intermediate

0 - 5600 ft (MD)  
0 - 5600 ft (TVD)

Outer Diameter  
Inner Diameter  
Linear Weight  
Job Excess

7.000 in  
6.366 in  
23 lbm/ft  
0 %

6 1/8" Open Hole

5600 - 9920 ft (MD)  
5600 - 9920 ft (TVD)

Inner Diameter  
Job Excess

6.125 in  
15 %

4 1/2" Liner

5300 - 9920 ft (MD)  
5300 - 9920 ft (TVD)

Outer Diameter  
Inner Diameter  
Linear Weight  
Tubing Grade  
Job Excess

4.500 in  
4.000 in  
11.60 lbm/ft  
P-110  
0 %

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## Calculations

4 1/2" Liner

### Spacer:

$$\begin{aligned} 1523.00 \text{ ft} * 0.1106 \text{ ft}^3/\text{ft} * 0 \% &= 168.43 \text{ ft}^3 \\ \text{Total Spacer} &= 168.44 \text{ ft}^3 \\ &= 30.00 \text{ bbl} \end{aligned}$$

### Spacer:

$$\begin{aligned} 1015.00 \text{ ft} * 0.1106 \text{ ft}^3/\text{ft} * 0 \% &= 112.25 \text{ ft}^3 \\ \text{Total Spacer} &= 112.29 \text{ ft}^3 \\ &= 20.00 \text{ bbl} \end{aligned}$$

### Cement : (4620.00 ft fill)

$$\begin{aligned} 300.00 \text{ ft} * 0.1106 \text{ ft}^3/\text{ft} * 0 \% &= 33.18 \text{ ft}^3 \\ 4320.00 \text{ ft} * 0.0942 \text{ ft}^3/\text{ft} * 15 \% &= 467.83 \text{ ft}^3 \\ \text{Primary Cement} &= 501.01 \text{ ft}^3 \\ &= 89.23 \text{ bbl} \end{aligned}$$

### Shoe Joint Volume: (42.00 ft fill)

$$\begin{aligned} 42.00 \text{ ft} * 0.0873 \text{ ft}^3/\text{ft} &= 3.67 \text{ ft}^3 \\ &= 0.65 \text{ bbl} \\ \text{Tail plus shoe joint} &= 504.68 \text{ ft}^3 \\ &= 89.89 \text{ bbl} \\ \text{Total Tail} &= 353 \text{ sks} \end{aligned}$$

### Total Pipe Capacity:

$$\begin{aligned} 5300.00 \text{ ft} * 0.0798 \text{ ft}^3/\text{ft} &= 423.15 \text{ ft}^3 \\ 4620.00 \text{ ft} * 0.0873 \text{ ft}^3/\text{ft} &= 403.17 \text{ ft}^3 \\ &= 147.17 \text{ bbl} \end{aligned}$$

### Displacement Volume to Shoe Joint:

$$\begin{aligned} \text{Capacity of Pipe - Shoe Joint} &= 147.17 \text{ bbl} - 0.65 \text{ bbl} \\ &= 146.52 \text{ bbl} \end{aligned}$$

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## Job Recommendation

## 4 1/2" Liner

### Fluid Instructions

#### Fluid 1: Reactive Spacer

##### SD SPACER

168 lbm/bbl SSA-1 (Heavy Weight Additive)

Fluid Density: 11 lbm/gal

Fluid Volume: 30 bbl

#### Fluid 2: Water Spacer

##### Water Spacer

Fluid Density: 8.33 lbm/gal

Fluid Volume: 20 bbl

#### Fluid 3: Primary Cement

##### 50/50 Poz Premium

2 % Total Bentonite (Light Weight Additive)

0.3 % Halad(R)-344 (Low Fluid Loss Control)

0.2 % HR-12 (Retarder)

0.2 % Super CBL (Expander)

0.25 lbm/sk Flocele (Lost Circulation Additive)

Fluid Weight 14.20 lbm/gal

Slurry Yield: 1.43 ft<sup>3</sup>/sk

Total Mixing Fluid: 5.39 Gal/sk

Top of Fluid: 5300 ft

Calculated Fill: 4620 ft

Volume: 89.89 bbl

Calculated Sacks: 352.92 sks

Proposed Sacks: 355 sks

#### Fluid 4: Water Spacer

##### Displacement

Fluid Density: 8.33 lbm/gal

Fluid Volume: 146.52 bbl

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### Detailed Pumping Schedule

Fluid #	Fluid Type	Fluid Name	Surface Density lbm/gal	Estimated Avg Rate bbl/min	Downhole Volume
1	Spacer	SD SPACER	11.0	5.0	30 bbl
2	Spacer	Water Spacer	8.3	5.0	20 bbl
3	Cement	50/50 POZ	14.2	5.0	355 sks
4	Spacer	Displacement	8.3	5.0	146.52 bbl

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# HALLIBURTON

## Cost Estimate

## 4 1/2" Liner

### SAP Quote #0

Mtrl Nbr	Description	Qty	U/M	Unit Price	Gross Amt	Discount	Net Amt
7525	PSL - CMT PRODUCTION LINER - BOM	1		0.00	0.00	47.0%	0.00
1	"ZI-MILEAGE FROM NEAREST HES BASE,/UNIT" Number of Units	80 2	MI	4.41	705.60	47.0%	373.97
2	MILEAGE FOR CEMENTING CREW,ZI Number of Units	80 2	MI	2.60	416.00	47.0%	220.48
16100	ZI CMTG LINER/SHORT CSG STRING DEPTH FEET/METRES (FT/M)	1 9920 FT	EA	7,370.00	7,370.00	47.0%	3,906.10
13	CSG PUMPING,STANDBY UNIT,/6HRS,ZI HOUR IN RANGE OF 6 HOURS	1 6	UNT	2,996.00	2,996.00	47.0%	1,587.88
139	ADC (AUTO DENSITY CTRL) SYS, /JOB,ZI NUMBER OF UNITS	1 1	JOB	1,109.00	1,109.00	47.0%	587.77
132	PORT. DAS W/CEMWIN;ACQUIRE W/HES, ZI NUMBER OF DAYS	1 1	JOB	916.00	916.00	47.0%	485.48
<b>EQUIPMENT &amp; SERVICES</b>							
<b>SubTotal</b>				<b>USD</b>	<b>13,512.60</b>	<b>47.0%</b>	<b>7,161.68</b>
133235	SD SPACER: 11 PPG	30	BBL	61.33	1,839.90	47.0%	975.15
100003691	SSA-1 - 200 MESH	5040	LB	0.30	1,512.00	47.0%	801.36
12302	50-50 POZ (PREMIUM)	355	SK	14.35	5,094.25	47.0%	2,699.95
100003670	HALAD(R)-344	88	LB	38.29	3,369.52	47.0%	1,785.85
100005057	HR-12	59	LB	4.89	288.51	47.0%	152.91
100003668	SUPER CBL	59	LB	35.26	2,080.34	47.0%	1,102.58
100005049	FLOCELE	89	LB	2.71	241.19	47.0%	127.83
76400	ZI MILEAGE,CMT MTLs DEL/RET MIN NUMBER OF TONS	40 17.77	MI	1.51	1,073.31	47.0%	568.85
3965	HANDLE&DUMP SVC CHRg, CMT&ADDITIVES,ZI NUMBER OF EACH	460 1	CF	2.47	1,136.20	47.0%	602.19
<b>MATERIALS</b>							
<b>SubTotal</b>				<b>USD</b>	<b>16,635.22</b>	<b>47.0%</b>	<b>8,816.67</b>
7	ENVIRONMENTAL SURCHARGE,/JOB,ZI	1	JOB	66.24	66.24	0.0%	66.24
8	IRON SAFETY INSPECTION SURCHARGE /JOB ZI	1	JOB	39.74	39.74	0.0%	39.74
86955	FUEL SURCHG-HEAVY TRKS >1 1/2 TON/PER MI Number of Units	80 2	MI	0.24	38.40	0.0%	38.40
86954	FUEL SURCHG-CARS/PICKUPS<1 1/2TON/PER/MI Number of Units	80 2	MI	0.08	12.80	0.0%	12.80
87605	FUEL SURCHG-CMT & CMT ADDITIVES/PER TNM NUMBER OF TONS	40 17.77	MI	0.08	56.86	0.0%	56.86
<b>SURCHARGES</b>							
<b>SubTotal</b>				<b>USD</b>	<b>214.04</b>	<b>0.0%</b>	<b>214.04</b>
<b>Total</b>				<b>USD</b>			<b>30,361.86</b>
<b>Discount</b>				<b>USD</b>			<b>14,169.47</b>
<b>Discounted Total</b>				<b>USD</b>			<b>16,192.39</b>

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# HALLIBURTON

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**Primary Plant:** Vernal, UT, USA  
**Secondary Plant:** Vernal, UT, USA

**Price Book Ref:** 01 Western US  
**Price Date:** 4/1/2001

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## Conditions

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The cost in this analysis is good for the materials and/or services outlined within. These prices are based on Halliburton being awarded the work on a first call basis. Prices will be reviewed for adjustments if awarded on 2<sup>nd</sup> or 3<sup>rd</sup> call basis and/or after 30 days of this written analysis. This is in an effort to schedule our work and maintain a high quality of performance for our customers.

The unit prices stated in the proposal are based on our current published prices. The projected equipment, personnel, and material needs are only estimates based on information about the work presently available to us. At the time the work is actually performed, conditions then existing may require an increase or decrease in the equipment, personnel, and/or material needs. Charges will be based upon unit prices in effect at the time the work is performed and the amount of equipment, personnel, and/or material actually utilized in the work. Taxes, if any, are not included. Applicable taxes, if any, will be added to the actual invoice.

It is understood and agreed between the parties that with the exception of the subject discounts, all services performed and equipment and materials sold are provided subject to Halliburton's General Terms and Conditions contained in our current price list, (which include LIMITATION OF LIABILITY and WARRANTY provisions), and pursuant to the applicable Halliburton Work Order Contract (whether or not executed by you), unless a Master Service and/or Sales Contract applicable to the services, equipment, or materials supplied exists between your company and Halliburton, in which case the negotiated Master Contract shall govern the relationship between the parties. A copy of the latest version of our General Terms and Conditions is available from your Halliburton representative or at:

[http://www.halliburton.com/hes/general\\_terms\\_conditions.pdf](http://www.halliburton.com/hes/general_terms_conditions.pdf) for your convenient review, and we would appreciate receiving any questions you may have about them. Should your company be interested in negotiating a Master Contract with Halliburton, our Law Department would be pleased to work with you to finalize a mutually agreeable contract. In this connection, it is also understood and agreed that Customer will continue to execute Halliburton usual field work orders and/or tickets customarily required by Halliburton in connection with the furnishing of said services, equipment, and materials.

Any terms and conditions contained in purchase orders or other documents issued by the customer shall be of no effect except to confirm the type and quantity of services, equipment, and materials to be supplied to the customer.

If customer does not have an approved open account with Halliburton or a mutually executed written contract with Halliburton, which dictates payment terms different than those set forth in this clause, all sums due are payable in cash at the time of performance of services or delivery of equipment, products, or materials. If customer has an approved open account, invoices are payable on the twentieth day after date of invoice.

Customer agrees to pay interest on any unpaid balance from the date payable until paid at the highest lawful contract rate applicable, but never to exceed 18% per annum. In the event Halliburton employs an attorney for collection of any account, customer agrees to pay attorney fees of 20% of the unpaid account, plus all collection and court costs.

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UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

009

**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  
**QEP UINTA BASIN INC**

3. Address and Telephone No  
**11002 E. 17500 S. VERNAL, UT 84078-8526 (801) 781-4341**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
**660' FSL, 1980' FEL, SWSE, SECTION 22, T7S, R24E**

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5. Lease Designation and Serial No.  
**UTSL066791**

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

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

8. Well Name and No.  
**RWU 34-22C**

9. API Well No.  
**43-047-35098**

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

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

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

TYPE OF SUBMISSION	TYPE OF ACTION	
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment	<input type="checkbox"/> Change of Plans
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion	<input type="checkbox"/> New Construction
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Water Shut-Off
	<input checked="" type="checkbox"/> Altering Casing	<input type="checkbox"/> Conversion to Injection
	<input checked="" type="checkbox"/> Other <u>DEPTH CHANGE</u>	<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)  
**QEP Uinta Basin, Inc. proposes to change the TD on RWU 34-22C to 9920' in the Castlegate formation.**  
**Estimated Formation Tops**

Formations	Depths
Green River	2512'
Mahogany Ledge	3247'
Wasatch Top	5393'
Mesaverde	7553'
Sego	9213'
Buck Tongue	9808'
Castlegate	9856'
TD	9920' (Will pick TD early to stay out of Keg, if shows indicate it's possible)

Casing & Cementing Program attached.

Approved by the  
Utah Division of  
Oil, Gas and Mining  
Date: 09-03-03  
By: [Signature]

RECEIVED  
AUG 28 2003  
DIV. OF OIL, GAS & MINING

**COPY SENT TO OPERATOR**  
Date: 09-03-03  
Initials: CHD

14. I hereby certify that the foregoing is true and correct.  
Signed John Busch John Busch Title Construction Supervisor Date 8/25/03

(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

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DRILLING PROGRAM

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ONSHORE OIL & GAS ORDER NO. 1  
Approval of Operations on Onshore  
Federal Oil and Gas Leases

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

1. Formation Tops

The estimated tops of important geologic markers are as follows:

<u>Formation</u>	<u>Depth</u>	<u>Prod. Phase Anticipated</u>
Uinta	Surface	
Green River	2512'	
Mahongy	3247'	
Wasatch	5393'	
Mesa Verde	7553'	
Sego	9213'	
Black Tongue	9808'	
Castlegate	9856'	
TD	9920'	

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	Castlegate	9920'

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.

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DRILLING PROGRAM

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. Fresh water will be obtained from Wonsits Valley water right #36125 or where possible a fresh water line (poly pipe) will be laid in the access road to each location to supply fresh water for drilling purposes.

3. Operator's Specification for Pressure Control Equipment:

- A. 5,000 psi W.P. Double Gate BOP or 2 Single Gates BOP (schematic attached)
- B. Functional test daily
- C. All casing strings shall be pressure tested (0.2 psi/foot or 2500 psi, whichever is greater) prior to drilling the plug after cementing; test pressure shall not exceed the internal yield pressure of the casing.
- D. Ram type preventers and associated equipment shall be tested to approved stack working pressure if isolated by test plug or to 50 percent of internal yield pressure of casing whichever is less. BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc..., for a 5M system and individual components shall be operable as designed.

4. Casing Program

	<u>Depth</u>	<u>Hole Size</u>	<u>Csg Size</u>	<u>Type</u>	<u>Weight</u>
Surface	458'	12-1/4"	9-5/8"	J-55	36lb/ft (new) ST&C
Intermediate	5700'	8 - 3/4"	7"	J-55	23lb/ft (new) LT&C
Production	9920'	6 - 1/8"	4 - 1/2"	N-80	11.6lb/ft (new)LT&C

\* - Set Production liner for 4 1/2" casing @ 5400' to TD 9920'

5. Auxiliary Equipment

- A. Kelly Cock – yes
- B. Float at the bit – no
- C. Monitoring equipment on the mud system – visually and/or PVT/Flow Show
- D. Full opening safety valve on the rig floor – yes
- E. Rotating Head – yes

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DRILLING PROGRAM

- 
- If drilling with air the following will be used:
- F. The blooie line shall be at least 6" in diameter and extend at least 100' from the well bore into the reserve/blooie pit.
  - G. Blooie line ignition shall be provided by a continuous pilot (ignited when drilling below 500').
  - H. Compressor shall be tied directly to the blooie line through a manifold.
  - I. A mister with a continuous stream of water shall be installed near the end of the blooie lines for dust suppression.
6. Surface hole will be drilled with air, air/mist, foam, or mud depending on hole conditions. Drilling below surface casing will be with water based drilling fluids consisting primarily of fresh water, bentonite, lignite, caustic, lime, soda ash and polymers. No chromates will be used. It is not intended to use oil in the mud, however, in the event it is used, oil concentration will be less than 4% by volume. Maximum anticipated mud weight is 9.5 ppg.

No minimum quantity of weight material will be required to be kept on location.

PVT/Flow Show will be used from base of surface casing to TD.

Gas detector will be used from surface casing depth to TD.

6. Testing, logging and coring program

- A. Cores – none anticipated
- B. DST – none anticipated

Logging – Mud logging – 4500 to TD  
GR-SP-Induction  
Neutron Density  
MRI

- C. Formation and Completion Interval: Castlegate interval, final

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DRILLING PROGRAM

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determination of completion will be made by analysis of logs.  
Stimulation – Stimulation will be designed for the particular area of interest as encountered.

7. Cementing Program

<u>Casing</u>	<u>Volume</u>	<u>Type &amp; Additives</u>
---------------	---------------	-----------------------------

\*See attached calculations

\*Final cement volumes to be calculated from caliper log with an attempt to be made to circulate cement to the surface. A bond log will be run across the zone of interest and across zones as required by the authorized officer to insure protection of natural resources.

8. Anticipated Abnormal Pressures and Temperatures, Other Potential Hazards

No abnormal temperatures or pressures are anticipated. No H<sub>2</sub>S has been encountered in or known to exist from previous wells drilled to similar depths in the general area. Maximum anticipated bottom hole pressure equals approximately 5000.0 psi. Maximum anticipated bottom hole temperature is 140° F.

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UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

**SUNDRY NOTICES AND REPORTS ON WELLS**  
Do not use this form for proposals to drill or to deepen or reentry to a different reservoir  
Use "APPLICATION FOR PERMIT--" for such proposals

5. Lease Designation and Serial No.

UTSL066791

6. If Indian, Allottee or Tribe Name

N/A

7. If Unit or CA, Agreement Designation

RED WASH UNIT

8. Well Name and No.

RWU 34-22C

9. API Well No.

43-047-35098

10. Field and Pool, or Exploratory Area

RED WASH

11. County or Parish, State

UINTAH, UTAH

**SUBMIT IN TRIPLICATE**

1. Type of Well

Oil

Gas

Well

Well

Other

Other

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2. Name of Operator

QEP Uinta Basin, Inc.

3. Address and Telephone No

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

(801) 781-4341

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

660' FSL 2000' FEL SW SE SEC. 22, T7S, R24E, SLB&M

1980

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

TYPE OF SUBMISSION

TYPE OF ACTION

Notice of Intent

Abandonment

Change of Plans

Subsequent Report

Recompletion

New Construction

Final Abandonment Notice

Plugging Back

Non-Routine Fracturing

Casing Repair

Water Shut-Off

Altering Casing

Conversion to Injection

Other Route Authorization

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)

QEP Uinta Basin, Inc. has need to install a 4" steel surface line to transport gas from the RWU 34-22C. The route authorization will be approximately 2600' in length, 20' in width following the existing access road and main road. There will be no new disturbance needed.

The pipeline will be a 4" steel surface zaplocked on location and then pulled into place.

Accepted by the  
Utah Division of  
Oil, Gas and Mining

Date: 9/3/2003

By: *[Signature]*

Federal Approval Of This  
Action Is Necessary

COPY SENT TO OPERATOR

Date: 9-5-03

Initials: CHD

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

Signed Raleen Searle

*[Signature]*

Title

Regulatory Affairs Analyst

Date

8/25/03

(This space for Federal or State office use)

Approved by:

Title

Date

Conditions of approval, if any

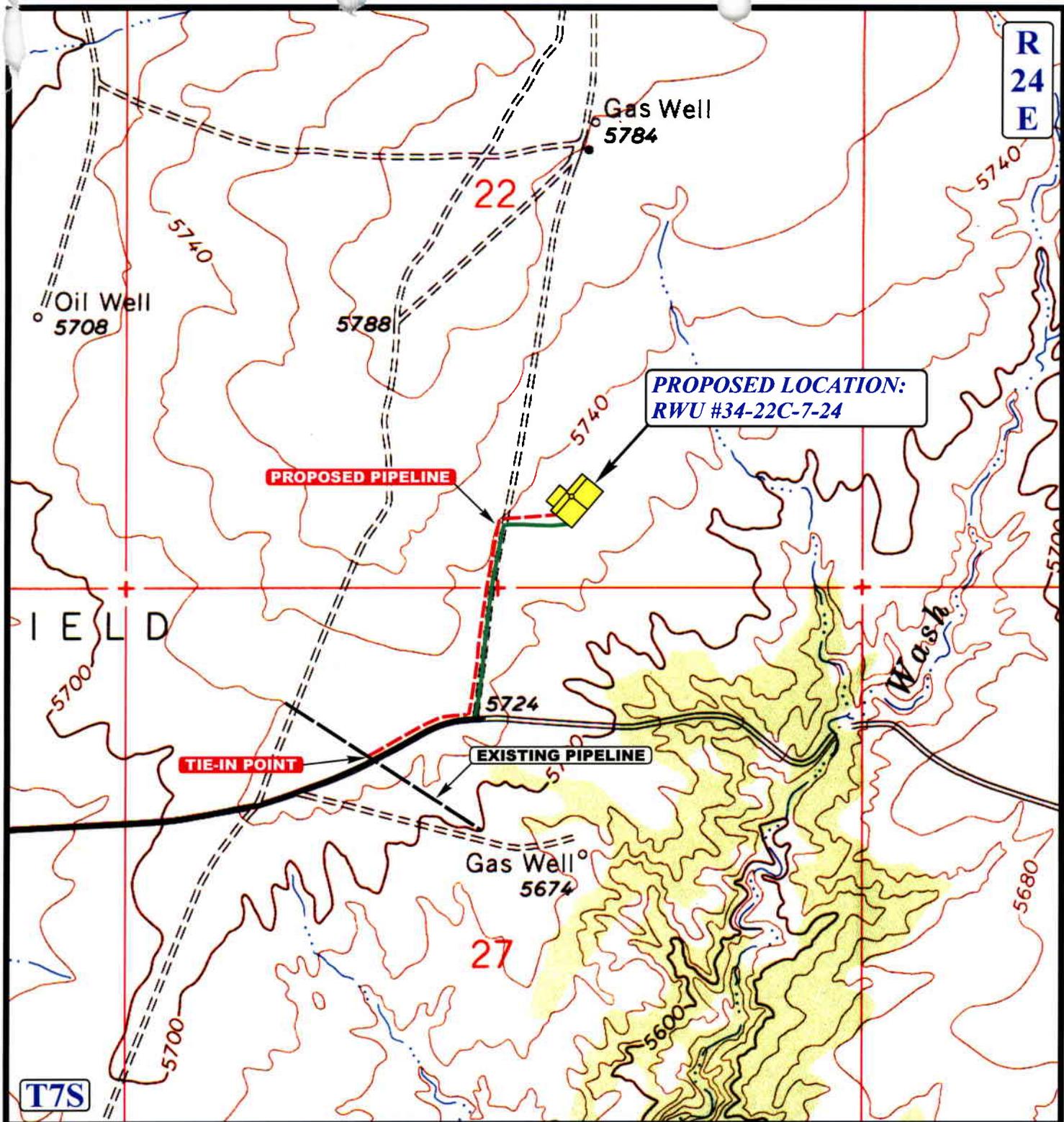
Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*See instruction on Reverse Side

RECEIVED

AUG 28 2003

DIV. OF OIL, GAS & MINING



**APPROXIMATE TOTAL PIPELINE DISTANCE = 2,600' +/-**

**LEGEND:**

-  PROPOSED ACCESS ROAD
-  EXISTING PIPELINE
-  PROPOSED PIPELINE



**QUESTAR EXPLR. & PROD.**

RWU #34-22C-7-24  
 SECTION 22 T7S, R24E, S.L.B.&M.  
 660' FSL 2080' FEL



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

**TOPOGRAPHIC**  
**MAP**

**7 27 03**  
 MONTH DAY YEAR

SCALE: 1" = 1000' DRAWN BY: K.G. REVISED: 00-00-00



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

011

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  Well Gas  Well  Well  Other

2. Name of Operator  
**QEP UINTA BASIN, INC.**

3. Address and Telephone No. **11002 E. 17500 S. VERNAL, UT 84078-8526** Contact: **dahn.caldwell@questar.com**  
**435.781.4342 Fax 435.781.4357**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
**SWSE - Sec 22, T7S, R24E**  
**660' FSL, 1980' FEL**

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5. Lease Designation and Serial No.  
**UTSL06679**

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

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

8. Well Name and No.  
**RWU 34-22C**

9. API Well No.  
**43-047-35098**

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

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

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

TYPE OF SUBMISSION	TYPE OF ACTION
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input type="checkbox"/> 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>Completion</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)

We propose this NOI for the Abandonment of the Mesa Verde and the Completion of the Green River as follows:

Service unit is on location.  
Permanently plug the Mesa Verde.  
Set CIBP @ 9330'. Dump bail 35' of cement on top of plug.  
PUH to 5500' and balance 32 cubic foot Premium cement to cover up to 5300' and down to 5500'.  
Pressure test the cement plug at 5300' and the intermediate csg to 1500 psi.

3 - BLM, 2- Utah OG&M, 1 - Denver, 1 - file Word file-server

COPY SENT TO OPERATOR  
Date: 10-31-03  
Initials: CHD

RECEIVED  
OCT 28 2003  
DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct.  
Signed: [Signature] Title: Completion Supervisor Date: 10/24/03

(This space for Federal or State office use)  
Approved by: [Signature] Federal Approval Of This Action Is Necessary  
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.

Date: 10/30/03  
By: [Signature]

CONFIDENTIAL

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE  
(See instructions on reverse side)

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

012

WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

1a. TYPE OF WELL OIL WELL  GAS WELL  DRY  Other   
 b. TYPE OF COMPLETION NEW WELL  WORK OVER  DEEP-EN  PLUG BACK  DIFF. RESVR  Other

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2. NAME OF OPERATOR **QEP Uinta Basin, Inc.**  
 9. WELL NO. **RWU 34-22C**

3. ADDRESS OF OPERATOR **11002 E. 17500 S. VERNAL, UT 84078-8526 435-781-4342 Dahn Caldwell**  
 10. FIELD AND POOL, OR WILDCAT **REDWASH FIELD**

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*  
 At surface **SWSE Sec22-T7S-R24E - 660' FSL, 1980' FEL**  
 At top rod. interval reported below **SWSE Sec22-T7S-R24E - 660' FSL, 1980' FEL**  
 At total depth **SWSE Sec22-T7S-R24E - 660' FSL, 1980' FEL**

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APR 29 2004

DIV OF OIL, GAS & MINING

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA **Sec 22 T7S R24E Mer SLB**  
 12. COUNTY OR PARISH **Uintah**  
 13. STATE **UT**  
 14. PERMIT NO. **API: 43-047-35098**  
 DATE ISSUED

15. DATE SPUNDED **8/09/2003**  
 16. DATE T.D. REACHED **9/11/2003**  
 17. DATE COMPL. (Ready to prod.) **SI on 12/11/03**  
 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\* **KB**  
 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD **9990'**  
 21. PLUG BACK T.D., MD & TVD **9885'**  
 22. IF MULTIPLE COMPL., HOW MANY\*  
 23. INTERVALS DRILLED BY  
 ROTARY TOOLS **ALL**  
 CABLE TOOLS **N/A**  
 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\*  
**N/A - TA Status**  
 25. WAS DIRECTIONAL SURVEY MADE **No**

26. TYPE OF LOGS RUN **Compensated Neutron TLD, Sector Bond/Cmt Hyd Log**  
 27. WAS WELL CORED **No**

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
9.625	36.0	449' GL	12-1/4"	175 sxs	
7.0	23	5698'	8-3/4"	1110 sxs	
4-1/2	11.6	9990'	6-1/4"	480 sxs	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)
4-1/2"	5398'	9990'	480	

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-3/8"	5136'	

31. PERFORATION RECORD (Interval, size and number)  
**9638-48' & 9358-68' Mesa Verde Under CIBP**  
**5172' - 5178' Oy2 Open - Green River**  
**4956' - 4966' Mt7, 4944' - 4953' Ms8 & 4930' - 4932' Ms8 Sqzd**  
**4212' - 4216' Dv5 Open**  
**4086' - 4093' Cy2 Open - 4044' - 4048' Cw4 Sqzd**

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
9358' - 9368'	Acidize w/ 600 gals 15% HCL & frac'd
5172' - 5178'	Acidize w/ 800 gals 15% HCL
4930' - 4966'	Sqzd w/ 225 sxs cmt
4212' - 4216'	Acidize w/ 500 gals 15% HCL

33.\* PRODUCTION

DATE FIRST PRODUCTION **N/A**  
 PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) **N/A**  
 WELL STATUS (Producing or shut-in) **TA**

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
<b>N/A</b>	<b>0</b>			<b>0</b>	<b>0</b>	<b>0</b>	

FLOW. TUBING PRESS. **0** CASING PRESSURE **0** CALCULATED 24-HOUR RATE **0** OIL—BBL. **0** GAS—MCF. **0** WATER—BBL. **0** OIL GRAVITY-API (CORR.)

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) **N/A**  
 TEST WITNESSED BY **ON 1-11-05**

35. LIST OF ATTACHMENTS

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

SIGNED **Jim Simontoni** TITLE **Completion Supervisor** DATE **2/23/04**

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

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the

CONFIDENTIAL

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

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
Uinta	Surface		<p style="font-size: 2em; opacity: 0.5;">CONFIDENTIAL</p> <p>12/11/03 - Well is SI indefinitely for further evaluation. TA Status.</p> <p>32. Continued:            4086' - 4093' Acidize w/ 1200 Gals of 15% HCL            4044' - 4048' Acidize w/ 500 Gals of 15% HCL &amp; Sqz w/ 200 sxs Premium</p> <p>Perfs: 9358' - 9368' - frac'd w/ 40,000# 20/40 AcFrac Sand</p>
Green River	2512		
Birds Nest	2675		
Mahogany	3247		
Coyote	3992		
Deadman	4152		
Eagle	4362		
Fox	4555		
Fremont	4636		
Gulch	4752		
Lizard	4842		
Mesa	4942		
Owl	5072		
Prarie	5209		
Wasatch	5393		
Mesa Verde SS	7553		
Sego	9213		
Buck Tongue Sh	9808		
Castlegate SS	9856		
TD	9990		

38. GEOLOGIC MARKERS  
RWU 34-22C

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
Uinta	Surface	
Green River	2512	
Birds Nest	2675	
Mahogany	3247	
Coyote	3992	
Deadman	4152	
Eagle	4362	
Fox	4555	
Fremont	4636	
Gulch	4752	
Lizard	4842	
Mesa	4942	
Owl	5072	
Prarie	5209	
Wasatch	5393	
Mesa Verde SS	7553	
Sego	9213	
Buck Tongue Sh	9808	

<b>FIELD: Red Wash Unit</b>	GL: 5728' KBE: 5747'	Spud Date:09/24/03	Completion Date:12/09/03
<b>Well:RWU 34-22C</b>	TD: 9990' PBTD:9885'	Current Well Status: <b>Flowing Gas Well</b>	
Location: SWSE Sec.22, T7S, R24E Uintah County, Utah		API#: 43-047-35098	
<b>Wellbore Schematic</b>		<b>Reason for Pull/Workover:</b> Initial Completion Of Well	

<p><b>Surface casing</b> Size: 9 5/8" Weight: 36#/ft Grade: N/A Cmtd w/ 175 sxs</p> <p>Hole size: 12 1/4" Set @ . 449'</p> <p><b>Intermediate</b> Size: 7" Weight: 23#/ft Grade: J - 55 Cmtd w/ 1110 sxs Set @ 5698'</p> <p>Hole size: N/A</p> <p>EXCLUDED PERFS</p> <p>Squeezed 12/03/03 W/200 SKS 4044'-4048' Green River</p> <p>Squeezed 11/12/03 W/225 SKS 4930'-4932' Green River</p> <p>4944'-4953' Green River</p> <p>4956'-4966' Green River</p> <p><b>4 1/2" LINER TOP @ 5398'</b></p> <p>EXCLUDED PERFS</p> <p>9638'- 9848' Mesaverde 9358'-9389' Mesaverde 9358-68' ✓</p> <p><b>Production Casing</b> ✓ Size: 4 1/2" Weight: 11.6#/ft Grade: N - 80 Cmtd w/ 480 sxs N-2 50/50 POZ Set @ 9990' Hole size: <del>N/A</del> 6 1/4"</p>	<p>TOC @ 2150'</p> <p>OPEN PERFS</p> <p>4086'- 4093' Green River</p> <p>4212'- 4216' Green River</p> <p>F Nipple @ 5103'</p> <p>EOT @ 5136'</p> <p>5172'-5178' Green River</p> <p>Top of cmt @ 5256' 5267'</p> <p>Cmt spotted 10/25/03</p> <p>Bottom of cmt @ 5511'</p> <p>3 SKS CMT 10/24/03 CIBP SET @ 9320'</p> <p>9358'-9366' Mesaverde</p> <p>4 SKS CMT 10/03/03 CIBP SET @ 9610'</p> <p>9638'- 9848' Mesaverde</p> <p>PBTD @ 9885'</p> <p>TD @ 9990'</p>
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Tubing Landing Detail:			
Description	Size	Footage	Depth
KB		19.00	19.00
TBG HANGER	2 3/8"	1.30	20.30
162 JTS N-80	2 3/8"	5,081.80	5,102.10
F-NIPPLE (1.81" I.D.)	2 3/8"	0.85	5,102.95
1-JT N-80	2 3/8"	32.56	5,135.51
TBG COLLAR	2 3/8"	0.40	5,135.91
EOT @			<b>5,135.91</b>

TUBING INFORMATION			
Condition:			
New: <input checked="" type="checkbox"/>	Used: <input type="checkbox"/>	Rerun: <input type="checkbox"/>	
Grade: <b>N - 80</b>			
Weight (#/ft): <b>4.7#/ft</b>			

ESP Well	Flowing Well
Cable Size: _____	SN @ _____ 5102'
Pump Intake @ _____	PKR @ _____
End of Pump @ _____	EOT @ _____ 5136'

**Wellhead Detail:** Example: 7-1/16" 3000#  
7 1/16" 10,000#

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

SUMMARY	
09/25/03 7" pkr was rih to @ 5340' and 7" csq was tested to 3500 psi tested good	41/2" liner was tested to 500 psi & pkr was pooh and 4 1/2" liner was drilled out.
09/29/03 CBL/VDL/GR & CET LOGS WHERE RAN FROM PBTD TO 1900'	09/30/03 Mesaverde Perfs 9638'-9648' (10'-6 spf ) where shot using 2.5" Stim - Gun and 4 1/2" pkr was rih on 2 7/8" N - 80 tbg and set @ 5497' and perfs where broken down at @ 3300 psi injection rate of 1 1/2 BPM at @ 3000 psi perfs where swab tested for three days seen no gas. And CIBP was set @ 9610' and 4 sxs cmt was set on top
10/03/03 Mesaverde perfs 9358'-9366' (10'- 6 spf) where shot using 2.5" Stim- Gun a 4 1/2" pkr was rih on 2 7/8" N - 80 tbg and set @ 5565' and perfs where broken down at @ 2500 psi injection rate of @ 2 1/2 BPM at 2500 psi perfs where swab tested for two days and 600 gals 15% HCL acid was pumped.Perfs where swab tested for four days.	10/14/03 Mesaverde Perfs 9358'- 9366' (10'-6 spf) where fraced down 2 7/8" N - 80 tbg using 38,600 lbs 20/40 sand well was swab tested for tree days and pkr was pooh and 2 7/8" tbg was laid down and 2 3/8" tbg was rih as shown above, and well was swabbed on to test for production.
10/24/03 A 4 1/2" CIBP was set @ 9320'and 3 SKS cement was bailed on to it	10/25/03 2 3/8" tbg was rih
P&A 4 1/2" csq as shown. From 5511' to 5256' cmt top was taged wire line on 10/27/03 and Green River perfs 5172'-5178' (6'-4 spf) where shot	10/28/03 a pkr was rih and set @ 5156' and perfs where broke down and swab tested
10/29/03 same perfs where acidized using 800 gals 15% HCL acid and test was continued for 4 days.	11/03/03 Green River Perfs 4930'-4932' - 4944'- 4953' & 4956'- 4966' where shot was using 4 spf zones where tested for 4 days (note no gas seen) and same perfs where squeezed using 225 sxs on 11/12/03 and drilled out well was tested squeez to 500 psi tested good on 11/13/03.
11/15/03 Green River zone 4212'- 4216' (4'- 4 spf) where shot and swab tested	11/17/03 same zone was acidized using 500 gals 15% HCL acid and tested for 4- days perfs tested wet at @ 2 BPH but would flow wtr and gas.
11/20/03 Green River zone 4086'- 4093' (7'-4SPF) where shot and tested for two days and then 1200 gals of 15% HCL acid was pumped and zone was tested for four days zone tested wet at @ 2 BPH but would flowwtr on full 2" to plt	11/26/03 Green River zone 4044'-4048' (4'- 4SPF) where shot and swab tested for two days and 500 gals 15% HCL acid was pumped and tested for two days zone showed no gas and tested at 5 BBLs wtr per hr. zone was squeezed using 200 SKS cmt, on 12/03/03.
12/04/03 cement was drilled out and well was tested to 500 psi tested good	12/06/03 production tbg was rih as shown and well was swabbed on to test and production.

Prepared By: Todd Farley Pool Well Rig # 824      Date:12/08/03

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

<b>ROUTING</b>
1. DJJ
2. CDW

Change of Operator (Well Sold)

**X - Operator Name Change/Merger**

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

**1/1/2007**

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

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 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

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 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)  
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 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"/> 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.

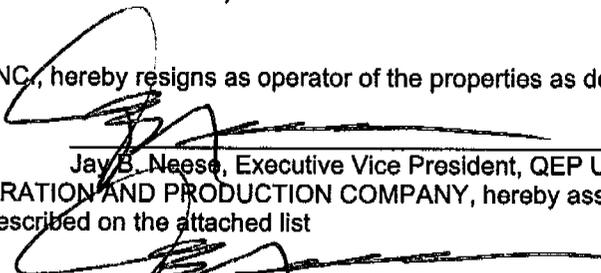
Effective January 1, 2007 operator of record, QEP Uinta Basin, Inc., will hereafter be known as QUESTAR EXPLORATION AND PRODUCTION COMPANY. This name change involves only an internal corporate name change and no third party change of operator is involved. The same employees will continue to be responsible for operations of the properties described on the attached list. All operations will continue to be covered by bond numbers:

Federal Bond Number: 965002976 (BLM Reference No. ESB000024)

Utah State Bond Number: 965003033

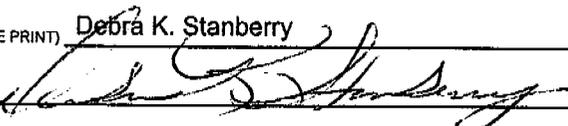
Fee Land Bond Number: 965003033

Current operator of record, QEP UINTA BASIN, INC., hereby resigns as operator of the properties as described on the attached list.

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

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

  
Jay B. Neese, Executive Vice President  
Questar Exploration and Production Company

NAME (PLEASE PRINT) <u>Debra K. Stanberry</u>	TITLE <u>Supervisor, Regulatory Affairs</u>
SIGNATURE 	DATE <u>3/16/2007</u>

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**RECEIVED**  
**APR 19 2007**

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

FORM 9

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

<b>1. TYPE OF WELL</b> OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> see attached
<b>2. NAME OF OPERATOR:</b> QUESTAR EXPLORATION AND PRODUCTION COMPANY		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b> see attached
<b>3. ADDRESS OF OPERATOR:</b> 1050 17th Street Suite 500 City Denver STATE CO ZIP 80265		<b>7. UNIT or CA AGREEMENT NAME:</b> see attached
<b>4. LOCATION OF WELL</b> FOOTAGES AT SURFACE: attached		<b>8. WELL NAME and NUMBER:</b> see attached
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:		<b>9. API NUMBER:</b> attached
COUNTY: Uintah		<b>10. FIELD AND POOL, OR WILDCAT:</b>
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"/> <b>NOTICE OF INTENT</b> (Submit in Duplicate) Approximate date work will start: <u>1/1/2007</u>	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> 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"/> <b>SUBSEQUENT REPORT</b> (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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**RECEIVED**  
**APR 19 2007**  
DIV. OF OIL, GAS & MINING



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

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



IN REPLY REFER TO  
3180  
UT-922

April 23, 2007

Questar Exploration and Production Company  
1050 17th Street, Suite 500  
Denver, Colorado 80265

Re: 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

RECEIVED  
APR 30 2007  
DIV. OF OIL, GAS & MINING

Division of Oil, Gas and Mining  
**OPERATOR CHANGE WORKSHEET** (for state use only)

**ROUTING**  
 CDW

Change of Operator (Well Sold)

**X - Operator Name Change**

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

**6/14/2010**

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

**CA No.** **Unit:** **RED WASH**

WELL NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
SEE ATTACHED								

**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 6/28/2010
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 6/28/2010
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 6/24/2010
- 4a. Is the new operator registered in the State of Utah: Business Number: 764611-0143
- 5a. (R649-9-2)Waste Management Plan has been received on: Requested
- 5b. Inspections of LA PA state/fee well sites complete on: n/a
- 5c. Reports current for Production/Disposition & Sundries on: ok
- Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM 8/16/2010 BIA not yet
- Federal and Indian Units:**  
The BLM or BIA has approved the successor of unit operator for wells listed on: 8/16/2010
- Federal and Indian Communization Agreements ("CA"):**  
The BLM or BIA has approved the operator for all wells listed within a CA on: N/A
- Underground Injection Control ("UIC")** Division has approved UIC Form 5 Transfer of Authority to **Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: 6/29/2010

**DATA ENTRY:**

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

**BOND VERIFICATION:**

- Federal well(s) covered by Bond Number: ESB000024
- Indian well(s) covered by Bond Number: 965010693
- 3a. (R649-3-1) The **NEW** operator of any state/fee well(s) listed covered by Bond Number 965010695
- 3b. The **FORMER** operator has requested a release of liability from their bond on: n/a

**LEASE INTEREST OWNER NOTIFICATION:**

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

**COMMENTS:**

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

FORM 9

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>		5. LEASE DESIGNATION AND SERIAL NUMBER See attached
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: See attached
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 <small>CITY</small> Denver <small>STATE</small> CO <small>ZIP</small> 80265		9. API NUMBER: Attached
PHONE NUMBER: (303) 672-6900		10. FIELD AND POOL, OR WILDCAT: See attached
4. LOCATION OF WELL FOOTAGES AT SURFACE: See attached		COUNTY: Attached
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:		STATE: <b>UTAH</b>

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

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

Effective June 14, 2010 Questar Exploration and Production Company changed its name to QEP Energy Company. This name change involves only an internal corporate name change and no third party change of operator is involved. The same employees will continue to be responsible for operations of the properties described on the attached list. All operations will continue to be covered by bond numbers:  
 Federal Bond Number: 965002976 (BLM Reference No. ESB000024) *N3700*  
 Utah State Bond Number: ~~965003033~~ } *965010695*  
 Fee Land Bond Number: ~~965003033~~  
 BIA Bond Number: ~~799446~~ *965010693*

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

NAME (PLEASE PRINT) <u>Morgan Anderson</u>	TITLE <u>Regulatory Affairs Analyst</u>
SIGNATURE <i>Morgan Anderson</i>	DATE <u>6/23/2010</u>

(This space for State use only)

**RECEIVED**

**JUN 28 2010**

DIV. OF OIL, GAS & MINING

(See Instructions on Reverse Side)

**APPROVED** *6/30/2009*

*Earlene Russell*

**Division of Oil, Gas and Mining**

**Earlene Russell, Engineering Technician**

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

well_name	sec	twp	rng	api	entity	mineral lease	type	stat	C
RW 34-23B	23	070S	230E	4304715136	5670	Federal	OW	P	
RW 41-23B	23	070S	230E	4304715138	5670	Federal	OW	P	
RW 32-22B	22	070S	230E	4304715139	5670	Federal	OW	P	
RW 43-23B	23	070S	230E	4304715140	5670	Federal	OW	P	
RW 32-17C	17	070S	240E	4304715145	5670	Federal	OW	P	
RW 34-26B	26	070S	230E	4304715148	5670	Federal	GW	TA	
RW 32-14B	14	070S	230E	4304715150	5670	Federal	OW	P	
RW 34-14B	14	070S	230E	4304715152	5670	Federal	OW	S	
RW 23-22B	22	070S	230E	4304715153	5670	Federal	OW	TA	
RW 43-22B	22	070S	230E	4304715155	5670	Federal	OW	P	
RW 32-23B	23	070S	230E	4304715156	5670	Federal	OW	P	
RW 23-13B	13	070S	230E	4304715157	5670	Federal	GW	TA	
RW 34-22B	22	070S	230E	4304715158	5670	Federal	OW	P	
RW 32-13B	13	070S	230E	4304715163	5670	Federal	GW	P	
RW 14-23B	23	070S	230E	4304715165	5670	Federal	OW	S	
RW 14-24A	24	070S	220E	4304715166	17554	Federal	OW	DRL	
RW 21-24B	24	070S	230E	4304715167	5670	Federal	OW	TA	
RW 34-13B	13	070S	230E	4304715168	5670	Federal	OW	P	
RW 21-29C	29	070S	240E	4304715169	5670	Federal	GW	P	
RW 12-17B	17	070S	230E	4304715170	5670	Federal	OW	P	
RW 32-33C	33	070S	240E	4304715171	5670	Federal	GW	P	
RW 14-23A	23	070S	220E	4304715176	5670	Federal	OW	P	
RW 12-18C	18	070S	240E	4304715183	5670	Federal	OW	P	
RW 21-22B	22	070S	230E	4304715186	5670	Federal	GW	TA	
RW 34-18B	18	070S	230E	4304715189	5670	Federal	OW	P	
RW 21-27B	27	070S	230E	4304715191	5670	Federal	OW	TA	
RW 23-22A	22	070S	220E	4304715192	5670	Federal	OW	P	
RW 21-18C	18	070S	240E	4304715193	5670	Federal	OW	P	
RW 12-13B	13	070S	230E	4304715196	5670	Federal	GW	S	
RW 32-18C	18	070S	240E	4304715198	5670	Federal	GW	P	
RWU 77 (21-13B)	13	070S	230E	4304715199	5670	Federal	OW	P	
RW 32-28B	28	070S	230E	4304715200	5670	Federal	OW	P	
RW 12-27B	27	070S	230E	4304715201	5670	Federal	OW	TA	
RW 14-27B	27	070S	230E	4304715202	5670	Federal	OW	P	
RW 41-31B	31	070S	230E	4304715203	5670	Federal	OW	P	
RW 41-27A	27	070S	220E	4304715205	5670	Federal	OW	S	
RW 44-14B	14	070S	230E	4304715206	5670	Federal	GW	P	
RW 43-21B	21	070S	230E	4304715211	5670	Federal	OW	P	
RW 12-22A	22	070S	220E	4304715213	5670	Federal	OW	P	
RW 12-22B	22	070S	230E	4304715218	5670	Federal	OW	P	
RW 34-21B	21	070S	230E	4304715220	5670	Federal	OW	P	
RW 34-15B	15	070S	230E	4304715222	5670	Federal	OW	P	
RW 32-21B	21	070S	230E	4304715226	5670	Federal	OW	P	
RW 21-28B	28	070S	230E	4304715227	5670	Federal	OW	P	

Bonds: BLM = ESB000024  
BIA = 956010693  
State = 965010695

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

well_name	sec	twp	rng	api	entity	mineral lease	type	stat	C
RW 23-23A	23	070S	220E	4304715228	5670	Federal	OW	P	
RW 32-24A	24	070S	220E	4304715229	5670	Federal	OW	P	
RW 32-28A	28	070S	220E	4304715230	5670	Federal	OW	S	
RW 21-19B	19	070S	230E	4304715233	5670	Federal	OW	P	
RW 43-29A	29	070S	220E	4304715236	5670	Federal	OW	S	C
RW 23-28B	28	070S	230E	4304715237	17525	Federal	OW	P	C
RW 13-13B	13	070S	230E	4304715238	5670	Federal	GW	P	
RW 24-14B	14	070S	230E	4304715239	5670	Federal	OW	P	
RW 41-29A	29	070S	220E	4304715243	5670	Federal	OW	P	
RW 14-15B	15	070S	230E	4304715246	5670	Federal	OW	P	
RW 41-34B	34	070S	230E	4304715250	5670	Federal	OW	P	
RW 41-30B	30	070S	230E	4304715254	5670	Federal	OW	P	
RW 24-22B	22	070S	230E	4304715255	5670	Federal	OW	P	
RW 33-14B	14	070S	230E	4304715257	5670	Federal	OW	P	
RW 21-18B	18	070S	230E	4304715258	5670	Federal	OW	TA	
RW 22-22B	22	070S	230E	4304715260	5670	Federal	OW	TA	C
RW 42-14B	14	070S	230E	4304715264	5670	Federal	OW	P	
RW 14-29B	29	070S	230E	4304715265	5670	Federal	OW	P	
RW 32-30B	30	070S	230E	4304715268	5670	Federal	OW	P	
RW 32-15B	15	070S	230E	4304715270	5670	Federal	OW	P	
RW 12-20B	20	070S	230E	4304715272	5670	Federal	OW	S	
RW 12-28B	28	070S	230E	4304715274	5670	Federal	OW	P	
RW 32-26B	26	070S	230E	4304715275	5670	Federal	GW	TA	
RW 31-28B	28	070S	230E	4304715283	5670	Federal	OW	TA	
RW 34-30B	30	070S	230E	4304715288	5670	Federal	OW	P	
RW 23-26B	26	070S	230E	4304715290	5670	Federal	GW	S	
RW 41-33A	33	070S	220E	4304715294	5670	Federal	OW	P	
RW 43-24B	24	070S	230E	4304715295	5670	Federal	GW	TA	
RW 12-14B	14	070S	230E	4304715296	5670	Federal	OW	S	
RW 32-28C	28	070S	240E	4304715302	5670	Federal	GW	P	
RW 23-25A	25	070S	220E	4304715305	5670	Federal	OW	P	
RW 41-8F	08	080S	240E	4304720014	5670	Federal	GW	P	
RW 44-21C	21	070S	240E	4304730149	5670	Federal	GW	S	
RW 13-27B	27	070S	230E	4304730199	5670	Federal	OW	TA	
RW 21-34B	34	070S	230E	4304730258	5670	Federal	OW	P	
RW 43-26B	26	070S	230E	4304730259	5670	Federal	OW	TA	
RW 14-18C	18	070S	240E	4304730309	5670	Federal	OW	P	
RW 12-26B	26	070S	230E	4304730311	5670	Federal	OW	TA	
RW 32-24B	24	070S	230E	4304730313	5670	Federal	OW	P	
RW 34-18C	18	070S	240E	4304730314	5670	Federal	OW	P	
RW 21-19C	19	070S	240E	4304730340	5670	Federal	GW	P	
RW 14-25B	25	070S	230E	4304730341	5670	Federal	OW	P	
RW 32-35B	35	070S	230E	4304730342	5670	Federal	OW	TA	
RW 12-36B	36	070S	230E	4304730344	5670	Federal	OW	S	

Bonds: BLM = ESB000024  
BIA = 956010693  
State = 965010695

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

well_name	sec	tpw	rng	api	entity	mineral lease	type	stat	C
RW 22-14B	14	070S	230E	4304730345	5670	Federal	OW	P	
RW 42-13B	13	070S	230E	4304730346	5670	Federal	OW	P	
RW 23-19C	19	070S	240E	4304730348	5670	Federal	GW	P	
RW 22-18C	18	070S	240E	4304730387	5670	Federal	OW	P	
RW 22-17C	17	070S	240E	4304730388	5670	Federal	GW	P	
RW 44-26B	26	070S	230E	4304730520	5670	Federal	GW	P	
RW 42-27B	27	070S	230E	4304731051	5670	Federal	OW	TA	
RW 44-27B	27	070S	230E	4304731053	5670	Federal	OW	TA	
RW 44-23B	23	070S	230E	4304731054	5670	Federal	GW	P	
RW 11-35B	35	070S	230E	4304731079	5670	Federal	OW	P	
RW 22-35B	35	070S	230E	4304731082	5670	Federal	OW	P	
RW 33-23B	23	070S	230E	4304731476	5670	Federal	GW	TA	
RW 11-24B	24	070S	230E	4304731477	5670	Federal	OW	P	
RW 42-21B	21	070S	230E	4304731478	5670	Federal	OW	P	
RW 13-24B	24	070S	230E	4304731517	5670	Federal	OW	P	
RW 42-23B	23	070S	230E	4304731576	5670	Federal	GW	TA	
RW 12-35B	35	070S	230E	4304731578	5670	Federal	OW	S	
RW 24-15B	15	070S	230E	4304731579	5670	Federal	OW	P	
RW 24-18C	18	070S	240E	4304731582	5670	Federal	GW	P	
RW 43-15B	15	070S	230E	4304731682	17643	Federal	GW	DRL	C
RW 34-17B	17	070S	230E	4304731819	5670	Federal	OW	P	
RW 41-4F	04	080S	240E	4304732538	5670	Federal	GW	TA	
RW 23-23C	23	070S	240E	4304732629	5670	Federal	GW	P	
RW 14-17B	17	070S	230E	4304732738	5670	Federal	OW	P	
RW 32-17B	17	070S	230E	4304732981	5670	Federal	OW	P	
RW 32-18B	18	070S	230E	4304733018	5670	Federal	OW	P	
RW 42-20B	20	070S	230E	4304733490	5670	Federal	OW	P	
RW 22-20B	20	070S	230E	4304733491	5670	Federal	OW	P	
RW 24-19B	19	070S	230E	4304733492	5670	Federal	OW	P	
RW 22-21B	21	070S	230E	4304733522	5670	Federal	OW	S	
RW 24-20B	20	070S	230E	4304733523	5670	Federal	OW	P	
RW 44-19B	19	070S	230E	4304733524	5670	Federal	OW	P	
RW 44-20B	20	070S	230E	4304733525	5670	Federal	OW	P	
RW 24-18B	18	070S	230E	4304733554	5670	Federal	OW	P	
RW 42-19B	19	070S	230E	4304733556	5670	Federal	OW	P	
RW 22-19B	19	070S	230E	4304733559	5670	Federal	OW	P	
RW 23-24A	24	070S	220E	4304733567	5670	Federal	OW	P	
RW 42-24A	24	070S	220E	4304733569	5670	Federal	OW	P	
RW 21-25A	25	070S	220E	4304733576	5670	Federal	OW	P	
RW 41-25A	25	070S	220E	4304733579	5670	Federal	OW	P	
RW 21-24A	24	070S	220E	4304733592	5670	Federal	OW	P	
RW 44-18B	18	070S	230E	4304733594	5670	Federal	OW	P	
RW 41-24A	24	070S	220E	4304733769	5670	Federal	OW	P	
RW 42-30B	30	070S	230E	4304733771	5670	Federal	OW	S	

Bonds: BLM = ESB000024  
BIA = 956010693  
State = 965010695

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

well_name	sec	twp	rng	api	entity	mineral lease	type	stat	C
RWU 44-30B	30	070S	230E	4304733772	5670	Federal	OW	P	
RW 22-25A	25	070S	220E	4304733786	5670	Federal	OW	P	
RW 34-27C	27	070S	240E	4304735045	5670	Federal	GW	P	
RW 34-22C	22	070S	240E	4304735098	5670	Federal	GW	P	
RW 34-23AG	23	070S	220E	4304735668	5670	Federal	OW	P	
RWU 32-27AG	27	070S	220E	4304735670	5670	Federal	OW	P	
RW 14-34AMU	34	070S	220E	4304735671	14277	Federal	GW	P	
RW 44-08FG	08	080S	240E	4304736349	15261	Federal	GW	P	
RW 34-34 AD	34	070S	220E	4304736351	16177	Federal	GW	P	
RW 33-31 BD	31	070S	230E	4304736357		Federal	GW	APD	C
RW 13-31 BD	31	070S	230E	4304736358		Federal	GW	APD	C
RW 21-26AD	26	070S	220E	4304736768	5670	Federal	OW	OPS	C
RW 43-26AG	26	070S	220E	4304736769	16575	Federal	OW	OPS	C
RW 43-23AG	23	070S	220E	4304736770	5670	Federal	OW	OPS	C
RW 41-26AG	26	070S	220E	4304736818	5670	Federal	OW	OPS	C
RW 04-25B	25	070S	230E	4304736982	17224	Federal	OW	P	
RW 34-27ADR	27	070S	220E	4304739445	16330	Federal	GW	P	
RW 32-29CD	29	070S	240E	4304739854		Federal	GW	APD	C
RW 24-10FD	10	080S	240E	4304739963		Federal	GW	APD	C
RW 34-20CD	20	070S	240E	4304739964		Federal	GW	APD	C
RW 32-20CD	20	070S	240E	4304739965		Federal	GW	APD	
RW 24-21CD	21	070S	240E	4304739966		Federal	GW	APD	C
RW 41-28CD	28	070S	240E	4304739967		Federal	GW	APD	C
RW 41-33CD	33	070S	240E	4304739968		Federal	GW	APD	C
RW 14-35 AMU	35	070S	220E	4304740051		Federal	GW	APD	C
RW 44-35 AMU	35	070S	220E	4304740052		Federal	GW	APD	
RW 12-17FG	17	080S	240E	4304740602		Federal	GW	APD	C

Bonds: BLM = ESB000024  
BIA = 956010693  
State = 965010695



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Utah State Office  
P.O. Box 45155  
Salt Lake City, UT 84145-0155  
<http://www.blm.gov/ut/st/en.html>



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 *Robert Bankert*  
Subject: Name Change Recognized

Attached is a copy of the Certificate of Name Change issued by the Texas Secretary of State and a decision letter recognizing the name change from the Eastern States Office. We have updated our records to reflect the name change in the attached list of leases.

The name change from **Questar Exploration and Production Company** into **QEP Energy Company** is effective June 8, 2010.

cc: MMS  
UDOGM

RECEIVED  
AUG 16 2010  
DIV. OF OIL, GAS & MINERALS