

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE\*

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

<b>APPLICATION FOR PERMIT TO DRILL OR DEEPEN</b>			5. LEASE DESIGNATION AND SERIAL NO. UTU-73456
TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/>			6. IF INDIAN, ALLOTTEE OR TRIBE NAME N/A
TYPE OF WELL <input type="checkbox"/> OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input checked="" type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE			7. UNIT AGREEMENT NAME BIG VALLEY UNIT # UTU-81308X
2. NAME OF OPERATOR QEP UINTA BASIN, INC.			8. FARM OR LEASE NAME, WELL NO. RWS 14ML-5-9-24
3. ADDRESS 11002 E. 17500 S. Vernal, Ut 84078			9. API NUMBER: 43-047-37310
4. LOCATION OF WELL (Report location clearly and in accordance with and State requirements*) At Surface 650080X 860' FSL 1784' FWL, SESW SECTION 5, T9S, R24E At proposed production zone 4435688Y 40.059981 -109.240352			10. FIELD AND POOL, OR WILDCAT UNDESIGNATED
14. DISTANCE IN MILES FROM NEAREST TOWN OR POSTOFFICE* 35 + / - SOUTHEAST OF VERNAL, UTAH			11. SEC., T, R, M, OR BLK & SURVEY OR AREA SEC. 5, T9S R24E Mer SLB
15. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (also to nearest drig, unit line if any) 860' + / -	16. NO. OF ACRES IN LEASE 1239.79	12. COUNTY OR PARISH 13. STATE Uintah UT	
18. DISTANCE FROM PROPOSED location to nearest well, drilling, completed, applied for, on this lease, ft	19. PROPOSED DEPTH 9000'	17. NO. OF ACRES ASSIGNED TO THIS WELL 40	
21. ELEVATIONS (Show whether DF, RT, GR, ect.) 5100.1' GR	22. DATE WORK WILL START ASAP	20. BLM/BIA Bond No. on file ESB000024	
24. Attachments			23. Estimated duration 10 days

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 exisiting 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.

SIGNED Jan Nelson Name (printed/typed) Jan Nelson DATE October 24, 2005

TITLE Regulatory Affairs

(This space for Federal or State office use)

PERMIT NO. 43-047-37310 APPROVAL DATE \_\_\_\_\_

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

CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY Bradley G. Hill TITLE BRADLEY G. HILL ENVIRONMENTAL SCIENTIST III DATE 11-14-05

\*See Instructions On Reverse Side

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

United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction

Federal Approval of this  
Action is Necessary

RECEIVED

OCT 25 2005

DIV. OF OIL, GAS & MINING

CONFIDENTIAL

# T9S, R24E, S.L.B.&M.

## QUESTAR EXPLR. & PROD.

Well location, RWS #14ML-5-9-24, located as shown in the SE 1/4 SW 1/4 of Section 5, T9S, R24E, S.L.B.&M. Uintah County, Utah.

T8S

T9S

N00°09'E - 2508.00' (G.L.O.)

S89°55'E - 2641.32' (G.L.O.)

N89°50'10"W - 2650.50' (Meas.)

1916 Brass  
Cap 1.0' High,  
Pile of Stone

1916 Brass  
Cap 2.0' High,  
Pile of Stone

LOT 4

LOT 3

LOT 2

LOT 1

S00°13'26"W - 2518.95' (Meas.)

N00°07'02"W - 2648.24' (Meas.)

1977 Brass  
Cap 0.8' High,  
Steel Post

5

1977 Brass  
Cap 0.5' High,  
Steel Post

1784'

RWS #14ML-5-9-24  
Elev. Ungraded Ground = 5101'

860'

1977 Brass  
Cap 0.5' High,  
Steel Post

S00°02'23"E - 2637.67' (Meas.)

N89°46'37"W - 2643.10' (Meas.)

1977 Brass Cap  
0.6' High,  
Scattered Stones

N89°55'58"W - 2641.71' (Meas.)

1977 Brass Cap  
0.5' Above 1.5'  
High Pile  
of Stones

### LEGEND:

└─┘ = 90° SYMBOL

● = PROPOSED WELL HEAD.

▲ = SECTION CORNERS LOCATED.

(AUTONOMOUS NAD 83)

LATITUDE = 40°03'36.33" (40.060092)

LONGITUDE = 109°14'27.71" (109.241031)

(AUTONOMOUS NAD 27)

LATITUDE = 40°03'36.45" (40.060125)

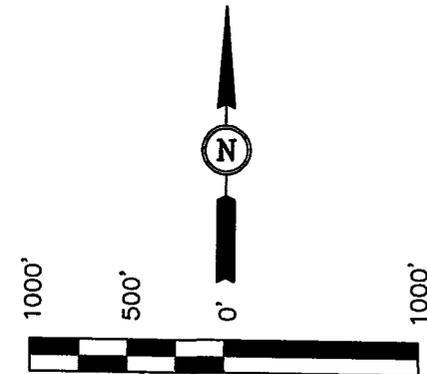
LONGITUDE = 109°14'25.28" (109.240356)

### BASIS OF ELEVATION

BENCH MARK 45EAM LOCATED IN THE NW 1/4 SW 1/4 OF SECTION 6, T9S, R24E, S.L.B.&M. TAKEN FROM THE BONANZA, QUADRANGLE, UTAH, UINTAH COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5350 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.

*Robert H. Kay*  
REGISTERED LAND SURVEYOR  
REGISTRATION NO. 161319  
STATE OF UTAH

### UINTAH ENGINEERING & LAND SURVEYING

85 SOUTH 200 EAST - VERNAL, UTAH 84078

(435) 789-1017

SCALE 1" = 1000'	DATE SURVEYED: 09-14-05	DATE DRAWN: 09-20-05
PARTY D.A. C.R. L.K.	REFERENCES G.L.O. PLAT	
WEATHER HOT	FILE QUESTAR EXPLR. & PROD.	

**Additional Operator Remarks**

QEP Uinta Basin, Inc. proposes to drill a well to 9000' to test the MesaVerde. 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. Standard Operating Practices for Mesa Verde Formation Wells located in Red Wash, Wonsits Valley, Gypsum Hills, White River, Glen Bench, and undesignated fields in Townships 07 and 08 South, Ranges 21 and 24 East.

See attached Onshore No. 1

See attached notice of intent to complete into multiple pools.

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.

NOTICE OF INTENT TO COMPLETE INTO MULTIPLE POOLS

RWS 14ML-5-9-24

In compliance with the stated objectives of section R649-3-22 of the Utah Administrative Code and the Utah Oil and Gas Conservation Act, Questar Exploration and Production Company hereby requests the commingling of production between intervals in the RWS 14ML-5-9-24. Questar considers this commingling to be in the public interest in that it promotes maximum ultimate economic recovery, prevents waste, provides for orderly and efficient production of oil and gas and presents no detrimental effects from commingling the two gas streams.

Questar requests approval for the commingling between the Mesa Verde and Wasatch intervals. As the well is not in a Unit PA and the ownership is the same between formations, production will be reported as combined Mesa Verde / Wasatch production.

This well will be completed using multiple stage hydraulic fracturing. Bridge plugs will be used to isolate completion intervals during fracturing operations and will be drilled up prior to putting the well on production. Mesa Verde and Wasatch intervals will be fractured separately, except where they occur too close together to make isolation unfeasible.

A plat of all contiguous owners will follow along with an affidavit stating that all contiguous owners have been notified and given a 15 day objection period.

I hereby certify that the foregoing is true and correct

A handwritten signature in black ink, appearing to read "Michael Stahl", written in a cursive style.

Mike Stahl  
Completion Engineer  
Questar Exploration & Production

AFFIDAVIT OF NOTICE

STATE OF COLORADO )  
COUNTY OF DENVER ) ss:

Angela Page, being duly sworn, deposes and says:

- 1. That I am employed by Questar Market Resources in the capacity as a Landman. My business address is Independence Plaza  
1050 17<sup>th</sup> Street, Suite 500  
Denver, CO 80265
- 2. In my capacity as a Landman, pursuant to the provisions of Utah Administrative Rule 615-3-22 I have provided a copy of Questar Market Resource's application for completion of the RWS 14ML-5-9-24 well into two or more pools, in the form of Utah Division of Oil, Gas and Mining's Form 9 Sundry Notice, to owners of all contiguous oil and gas leases or drilling units overlying the pools which are the subject of that application.
- 3. In my capacity as a Landman I am authorized to provide such notice of Questar Market Resource's application to contiguous owners and to make this affidavit on this 27<sup>th</sup> day of July, 2005.

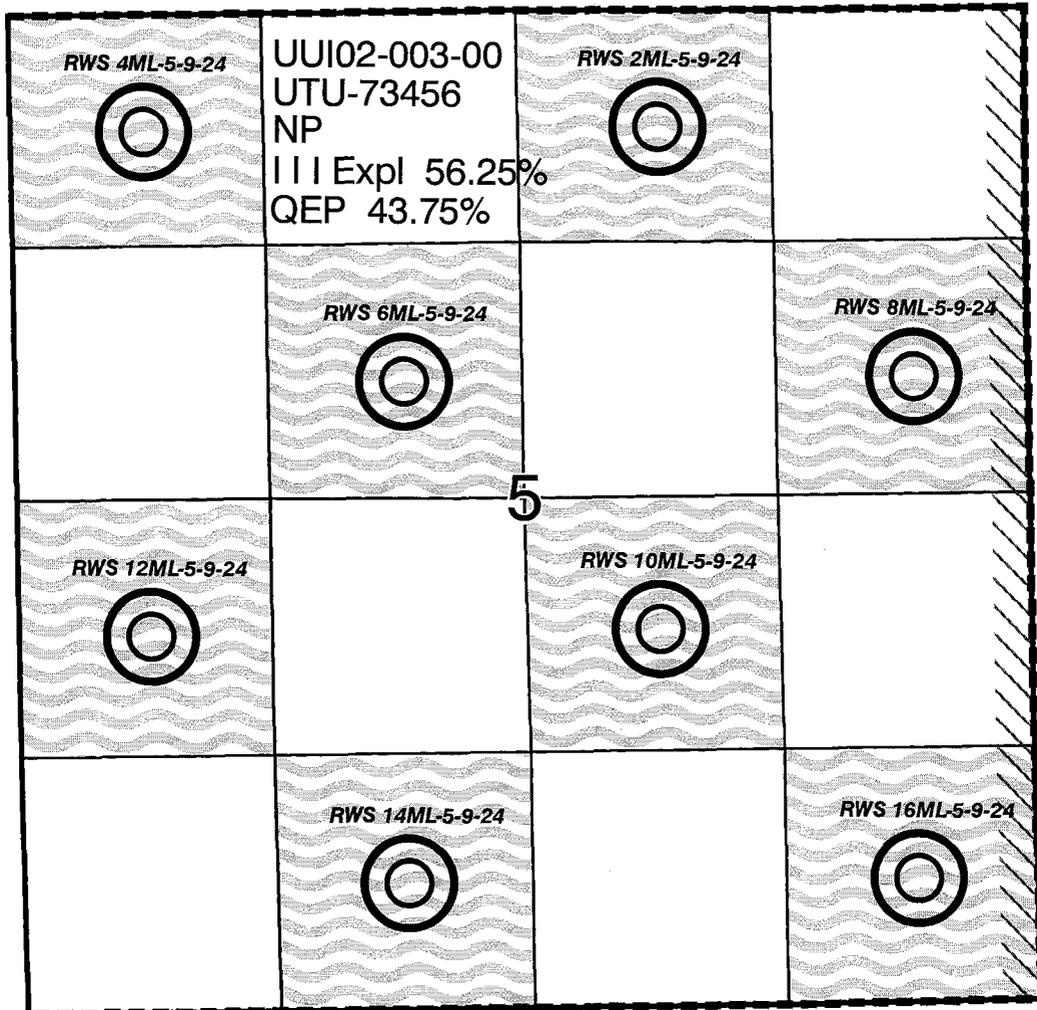
*Angela Page*  
Printed Name: Angela Page

The foregoing instrument was sworn to and subscribed before me this 27<sup>th</sup> day of July, 2005, by Angela Page

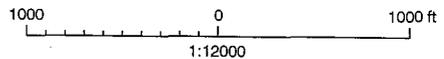
*Heather Lang*  
Notary Public

My Commission Expires 07/08/2008





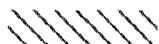
**Sec 5, T9S-R24E**



40-acre pool



Commingled well



Big Valley Unit boundary



Lease line

<p><b>Tw / Kmv</b>  <b>COMMINGLED PRODUCTION</b>          Uinta Basin—Uintah County, Utah</p>							
<p><b>Wells: RWS 2ML-5-9-24,          RWS 4ML-5-9-24, RWS 6ML-5-9-24,          RWS 8ML-5-9-24, RWS 10ML-5-9-24,          RWS 12ML-5-9-24, RWS 14ML-5-9-24,          RWS 16ML-5-9-24</b>  <b>Lease: UTU-73456</b></p>							
<p><b>QUESTAR</b>          Exploration and          Production</p>	<table border="1"> <tr> <td>Geologist: JD Herman</td> <td>Landman: Angela Page</td> </tr> <tr> <td>Engineer:</td> <td>Technician:</td> </tr> <tr> <td>Date: August 16, 2005</td> <td>05722\Maps\Utah map\Comm 2005\050924.cdr</td> </tr> </table>	Geologist: JD Herman	Landman: Angela Page	Engineer:	Technician:	Date: August 16, 2005	05722\Maps\Utah map\Comm 2005\050924.cdr
Geologist: JD Herman	Landman: Angela Page						
Engineer:	Technician:						
Date: August 16, 2005	05722\Maps\Utah map\Comm 2005\050924.cdr						

Qep Uinta Basin, Inc.  
RWS 14ML-5-9-24

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

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

1. Formation Tops

The estimated tops of important geologic markers are as follows:

<b>Formation</b>	<b>Depth</b>
Uinta	Surface
Green River	1530'
Wasatch	4200'
Mesa Verde	5910'
TD	9000'

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

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

<b>Substance</b>	<b>Formation</b>	<b>Depth</b>
Oil/Gas	Mese Verde	9000'

All fresh water and prospectively valuable minerals encountered during drilling, will be recorded by depth and adequately protected. All oil and gas shows will be tested to determine commercial potential.

All water shows and water-bearing sands will be reported to the BLM in Vernal, Utah. Copies of State of Utah form OGC-8-X are acceptable. If no flows are detected, samples will be submitted to the BLM along with any water analyses conducted.

3. Anticipated Bottom Hole Pressures

Maximum anticipated bottom hole pressure equals approximately 3903.0 psi.

**QEP UINTA BASIN, INC.  
RWS 14ML-5-9-24  
860' FSL 1784' FWL  
SESW, SECTION 5, T9S, R24E  
UINTAH COUNTY, UTAH  
LEASE # UTU-73456**

**ONSHORE ORDER NO. 1**

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

An onsite inspection was conducted for the RWS 14ML-5-9-24 on October 7, 2005. Weather conditions were sunny at the time of the onsite. In attendance at the inspection were the following individuals:

Paul Buhler	Bureau of Land Management
Amy Torres	Bureau of Land Management
Jan Nelson	QEP Uinta Basin Inc.

**1. Existing Roads:**

The proposed well site is approximately 35 miles southeast of Vernal, Utah.

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

There will be improvements made to the existing County road.

**2. Planned Access Roads:**

Please see QEP Uinta Basin, Inc. Standard Operating Practices for Mesa Verde 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 QEP Uinta Basin, Inc. Standard Operating Practices for Mesa Verde 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.

QEP requests a surface pipeline based on the following justification included in the attached "Request for Exception".

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

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

6. **Source of Construction Materials:**

Please see QEP Uinta Basin, Inc. Standard Operating Practices for Mesa Verde 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 QEP Uinta Basin, Inc. Standard Operating Practices for Mesa Verde 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 QEP Uinta Basin, Inc. Standard Operating Practices for Mesa Verde 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.

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 QEP Uinta Basin, Inc. Standard Operating Practices for Mesa Verde 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.

**Interim Reclamation**

Please see attached Interim Reclamation plan.

Once the well is put onto production, QEP will reclaim as much of the well pad as possible that will allow for operations to continue in a safe and reasonable manner. Reseeding will be done in the spring or fall of every year to allow winter precipitation to aid in the success of reclamation.

**Seed Mix:**

*Interim Reclamation:*

6 lbs Crested Wheatgrass

6 lbs Needle & Thread Grass

*Final Reclamation:*

Seed Mix # 1 - 3 lbs. Fourwing Saltbush, 1 lbs. Needle & Thread Grass, 3 lbs. Indian Rice Grass and 4 lbs. Hycrest Crested Wheat Grass

**11. Surface Ownership:**

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

**12. Other Information**

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

A class III paleontological survey was conducted by Intermountain Paleo Consulting. A copy of this report was submitted directly to the appropriate agencies by Stephen D. Sandau. The inspection resulted in the location of no fossil resources. However, if vertebrate fossil(s) are found during construction a paleontologist should be immediately notified. QEP will provide paleo monitor if needed.

No drilling or construction will take place during the Pronghorn season May 10 thru June 20th.

There is a Ferruginous Hawk Stipulation from March 1st to July 15th. No construction or drilling will commence during this period unless otherwise determined by a wildlife biologist that the site is inactive.

**QEP Uinta Basin, Inc.**  
**Request for Exception to Buried Pipeline**  
**for**  
**RWS 14ML-5-9-24**

QEP respectfully requests an exception to burying this pipeline. We understand the standard Condition of Approval (COA) that may be included in the approved Application for Permit to Drill (APD) is: *“As a Best Management Practice (BMP), the pipeline would be buried within the identified construction width of an access corridor that contains the access road and pipelines. The construction width for the access corridor would increase from 30 feet, by an additional 20 feet, to a total of 50 feet. Exceptions to this BMP may be granted where laterally extensive, hard indurated bedrock, such as sandstone, is at or within 2 feet of the surface; and, soil types with a poor history of successful rehabilitation.”* QEP will install the pipeline within the access corridor and will avoid cross-country installation when possible. Our reason for requesting a surface line is based on the following justification:

**Class IV VRM**

- ◆ This area's designated Visual Resource Management is classified as Class IV. The Class IV objective is to provide for management activities that require major modification to the existing character of the landscape. The level of change to the landscape can be high. The management activities may dominate the view and may be the major focus of the viewer attention. However, every attempt should be made to minimize the impact of these activities through careful location, minimal disturbance, and repetition of the basic visual elements of form, line, color, and texture.
- ◆ QEP feels that surface pipe will comply with this classification more so than buried pipe due to the amount of surface disturbance that will be required to bury it. We believe surface installation within the access corridor will minimize the disturbance so that the pipeline does not dominate the view.

**Environmental and Safety Concerns**

- ◆ Buried pipe will greatly increase surface disturbance and habitat fragmentation. The soil in this area has a poor history of successful rehabilitation. Buried pipe will have an increased corrosion rate and would need to be dug up for repairs or replacement; the constant surface disturbance will not allow time for successful reclamation.
- ◆ Increasing surface disturbance will greatly increase noxious and invasive weed infestation.

- ◆ With the increased corrosion rate, buried pipe may have undetectable leaks that could go unnoticed for months. Small leaks may turn into large plumes of underground hazards because they are not easily monitored and not seen right away. An undetected leak also increases the potential for explosive incidents. Once detected, the surface will need to be disturbed, once again, to dig up the line and replace or repair it.
- ◆ Accidents associated with pipe breaks during construction activities could increase substantially as the number of buried lines increases.
- ◆ The additional surface disturbance will increase the risk of disturbing paleontological sites.

### **Operational and Mechanical Concerns for Gas Lines**

- ◆ Cathodic protection will be required for buried pipe. Cathodic protection requires anode beds that must be maintained. This will add substantial costs in labor and material. Additional power lines will need to be installed to the anode beds. The additional costs for equipment and labor will be approximately \$50,000.00 per section.
- ◆ Pipeline markers need to be used with buried pipe. This will add costs in labor and material.
- ◆ Every tie in requires a valve. The average distance between valves is approximately ¼ mile. Valves will have to be placed in “freeze boxes” or “valve boxes”. Valve boxes will be considered confined space which increases the manpower needed to repair or replace valves. Every valve box will also require bright yellow guard rails.
- ◆ Additional equipment required for buried pipe can include blades/dozers, trenchers (cutting or blasting in hard rock), side booms, etc. which increases installation costs.
- ◆ Buried pipe must have fusion bonded epoxy (FBE) coating. FBE pipe will cost an additional \$2.00 per foot compared to bare pipe.
- ◆ This pipeline has the potential for being upgraded/upsized to a larger pipe diameter depending on production volumes. If upsizing is required, the pipe will need to be dug up which will cause additional surface disturbance and will not allow adequate time for successful reclamation.
- ◆ Surface lines are sometimes relocated to accommodate new locations; this is done in an effort to minimize the amount of pipe needed and the amount of surface disturbed. If this pipe is buried, this will no longer be an option.

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

Jan Nelson  
Red Wash Rep.  
QEP Uinta Basin, Inc.  
11002 East 17500 South  
Vernal, Utah 84078  
(435) 781-4331

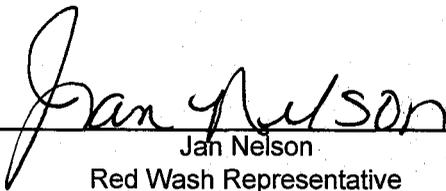
**Certification:**

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil & Gas Orders, the approved plan of operations, and any applicable Notice to Lessees.

QEP Uinta Basin 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 QEP Uinta Basin, Inc. it's 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.

  
\_\_\_\_\_  
Jan Nelson  
Red Wash Representative

24-Oct-05

\_\_\_\_\_  
Date

# QUESTAR EXPLR. & PROD.

RWS #14ML-5-9-24

LOCATED IN UINTAH COUNTY, UTAH  
SECTION 5, T9S, R24E, S.L.B.&M.

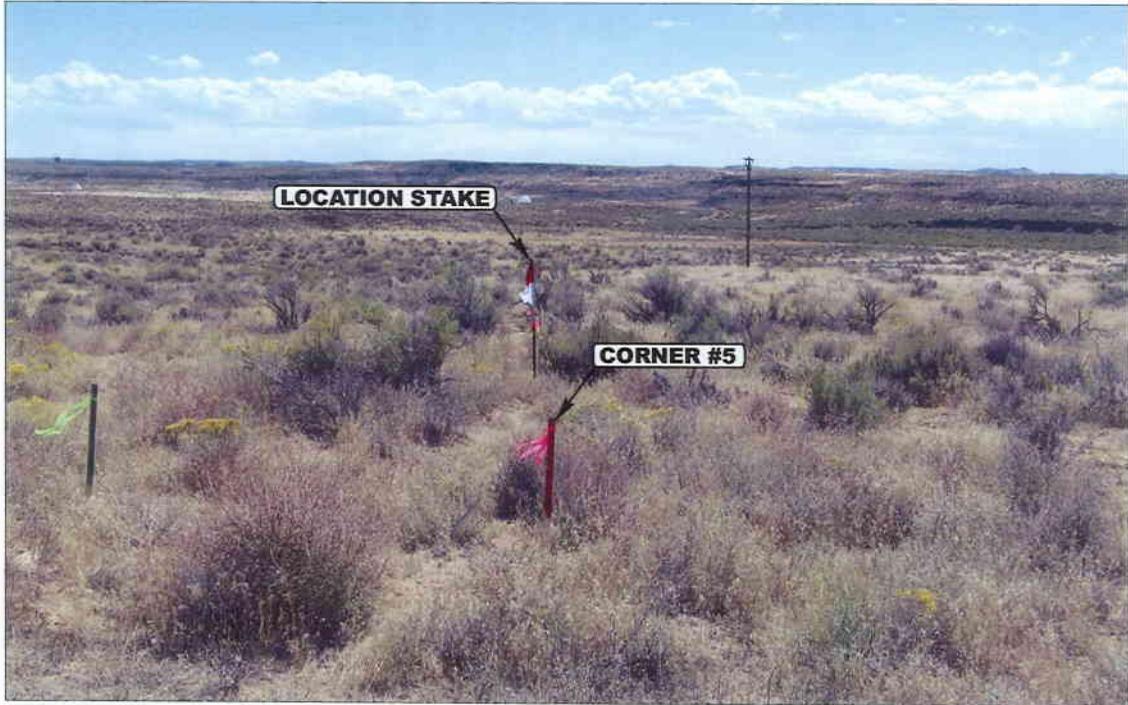


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: SOUTHERLY

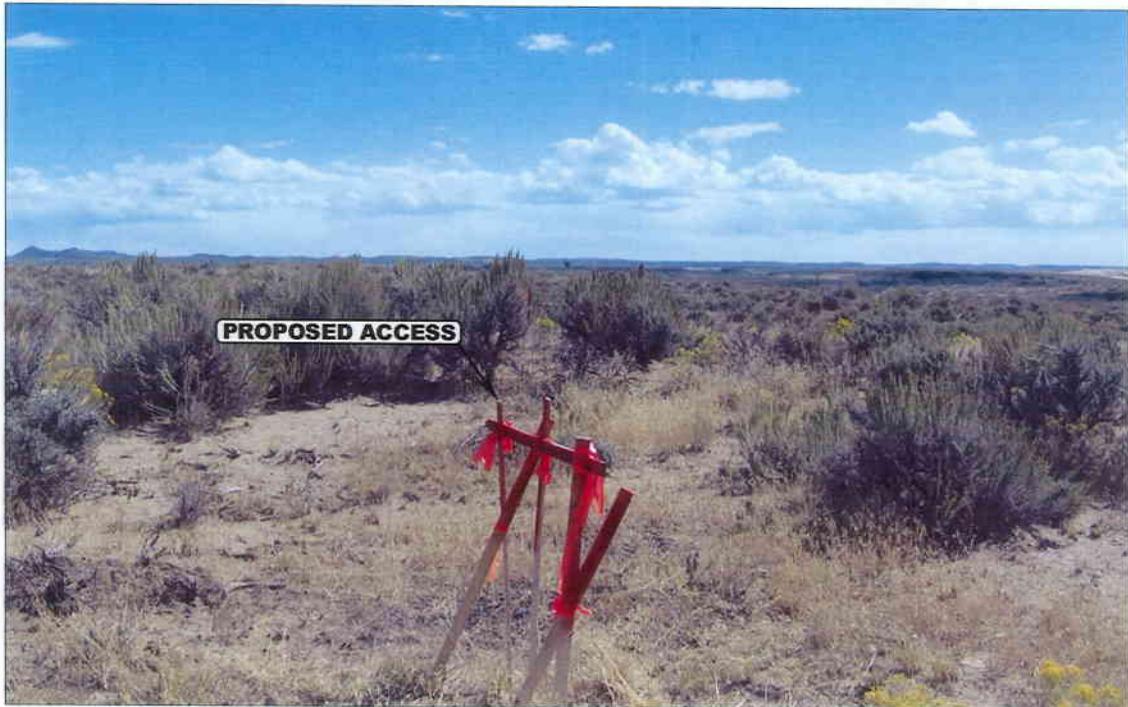


PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: SOUTHERLY



- Since 1964 -

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

LOCATION PHOTOS

09 15 05  
MONTH DAY YEAR

PHOTO

TAKEN BY: D.A.

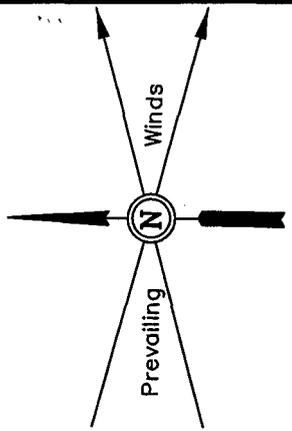
DRAWN BY: S.L.

REVISED: 00-00-00

QUESTAR EXPLR. & PROD.

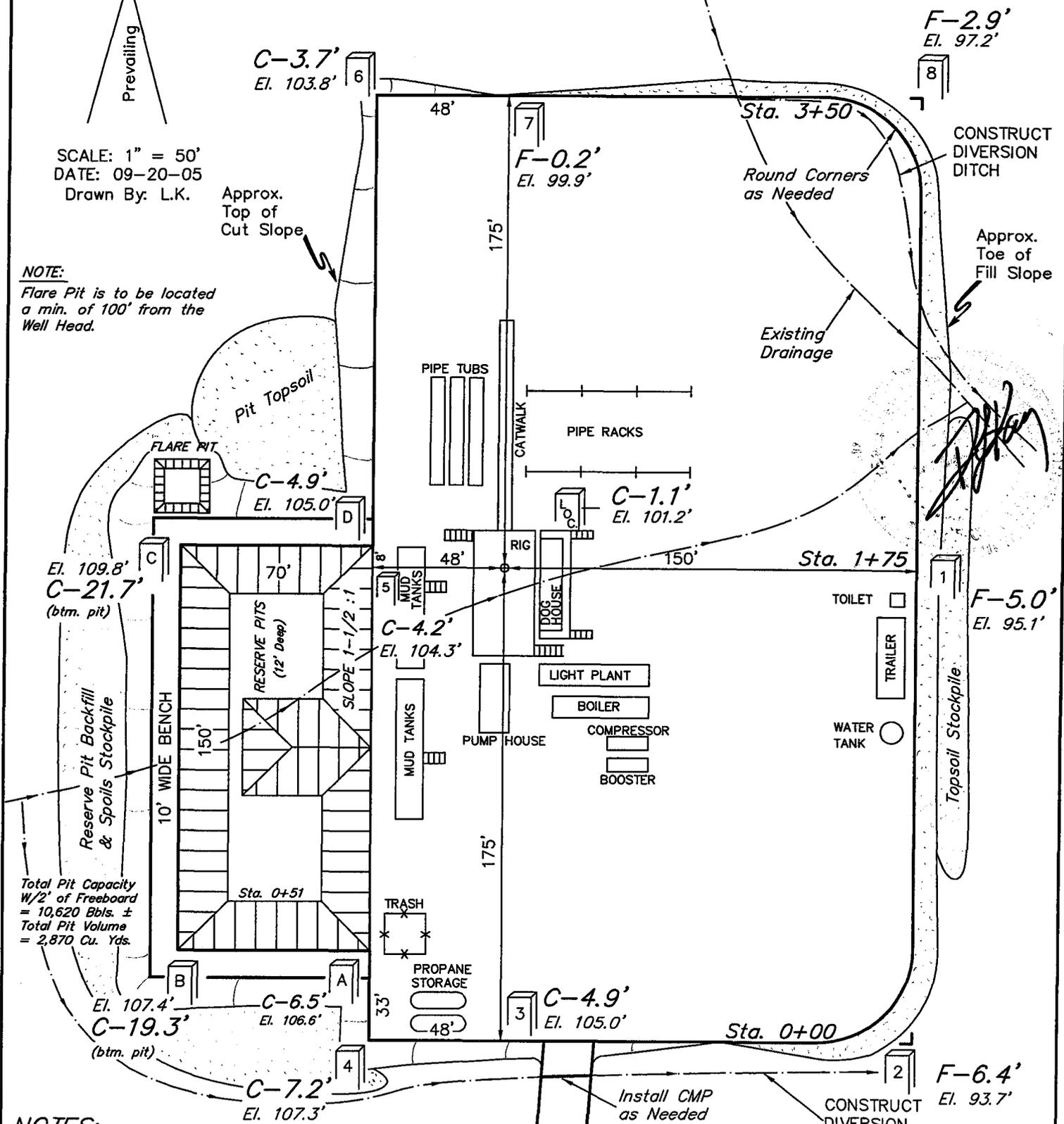
FIGURE #1

LOCATION LAYOUT FOR  
 RWS #14ML-5-9-24  
 SECTION 5, T8S, R24E, S.L.B.&M.  
 860' FSL 1784' FWL



SCALE: 1" = 50'  
 DATE: 09-20-05  
 Drawn By: L.K.

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



NOTES:

Elev. Ungraded Ground At Loc. Stake = 5101.2'  
 FINISHED GRADE ELEV. AT LOC. STAKE = 5100.1'

Install CMP  
 as Needed  
 Proposed Access  
 Road

CONSTRUCT  
 DIVERSION  
 DITCH

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

QUESTAR EXPLR. & PROD.

FIGURE #2

TYPICAL CROSS SECTIONS FOR

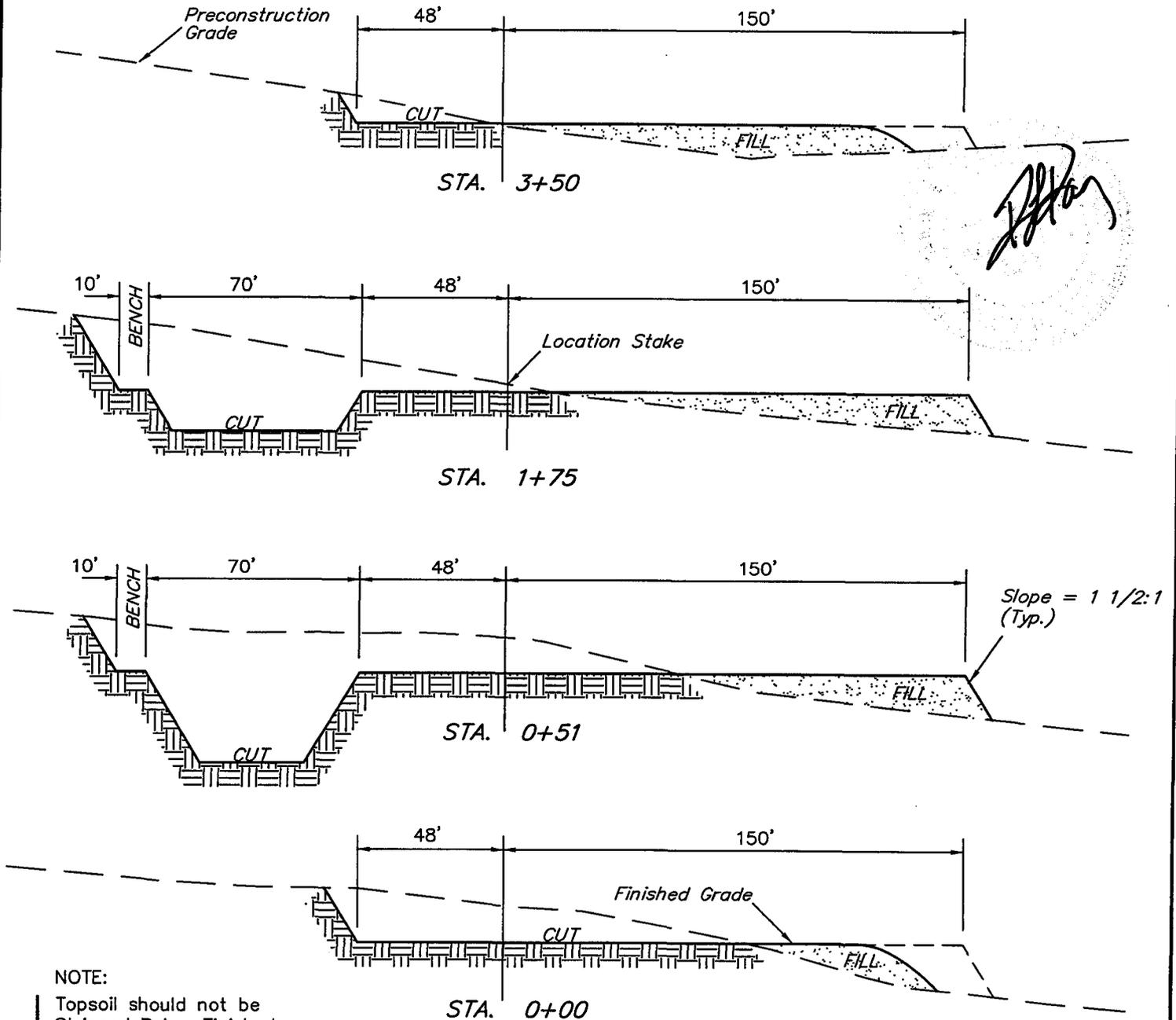
RWS #14ML-5-9-24

SECTION 5, T8S, R24E, S.L.B.&M.

860' FSL 1784' FWL

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

DATE: 09-20-05  
Drawn By: L.K.



*[Handwritten signature]*

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

APPROXIMATE YARDAGES

CUT	
(6") Topsoil Stripping	= 1,790 Cu. Yds.
Remaining Location	= 8,610 Cu. Yds.
<b>TOTAL CUT</b>	<b>= 10,400 CU.YDS.</b>
<b>FILL</b>	<b>= 6,710 CU.YDS.</b>

\* NOTE:  
FILL QUANTITY INCLUDES 5% FOR COMPACTION  
Excess Material = 3,690 Cu. Yds.  
Topsoil & Pit Backfill (1/2 Pit Vol.) = 3,230 Cu. Yds.  
EXCESS UNBALANCE (After Rehabilitation) = 460 Cu. Yds.

QUESTAR EXPLR. & PROD.

FIGURE #3

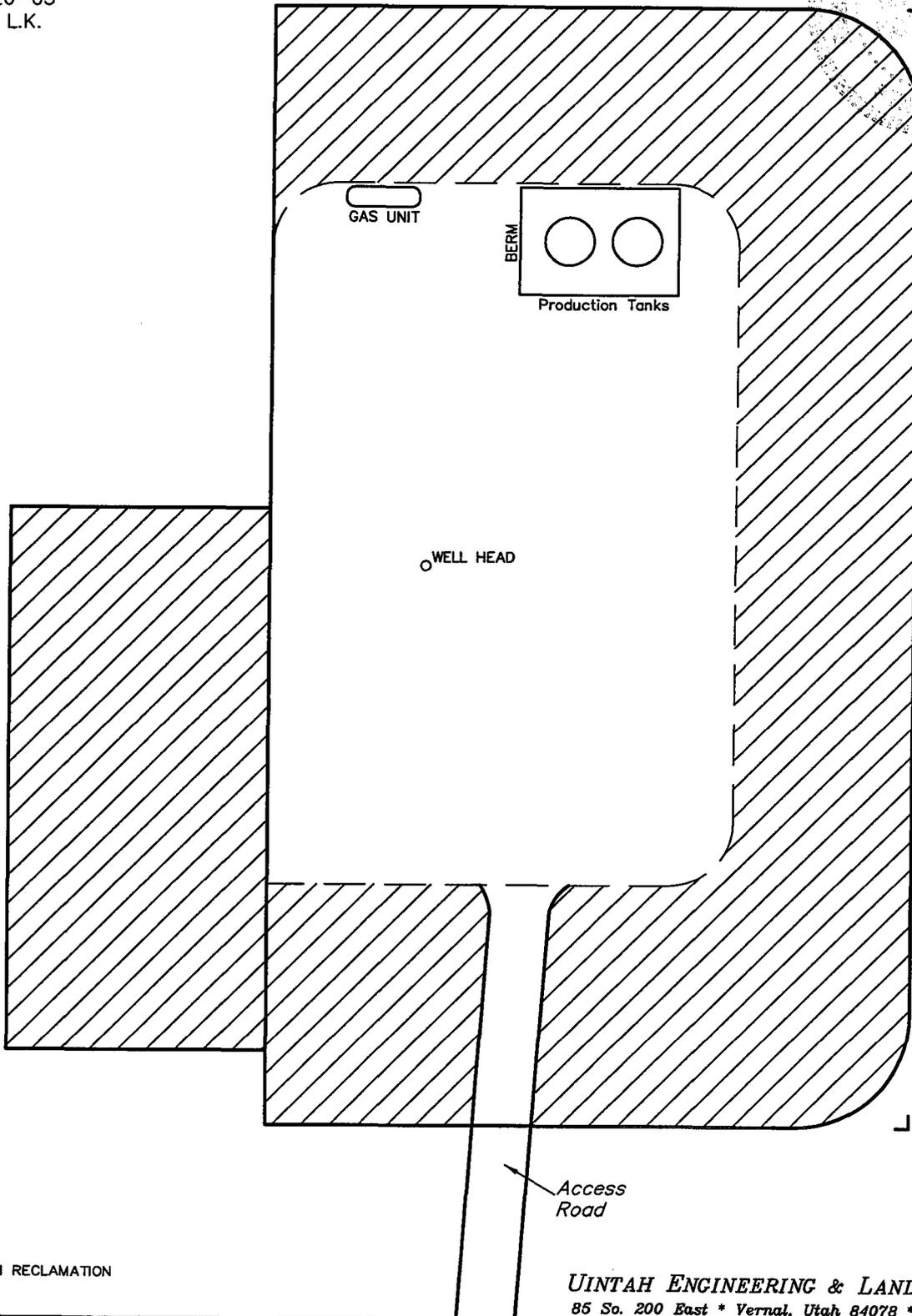
INTERIM RECLAMATION PLAN FOR

RWS #14ML-5-9-24  
SECTION 5, T8S, R24E, S.L.B.&M.  
860' FSL 1784' FWL

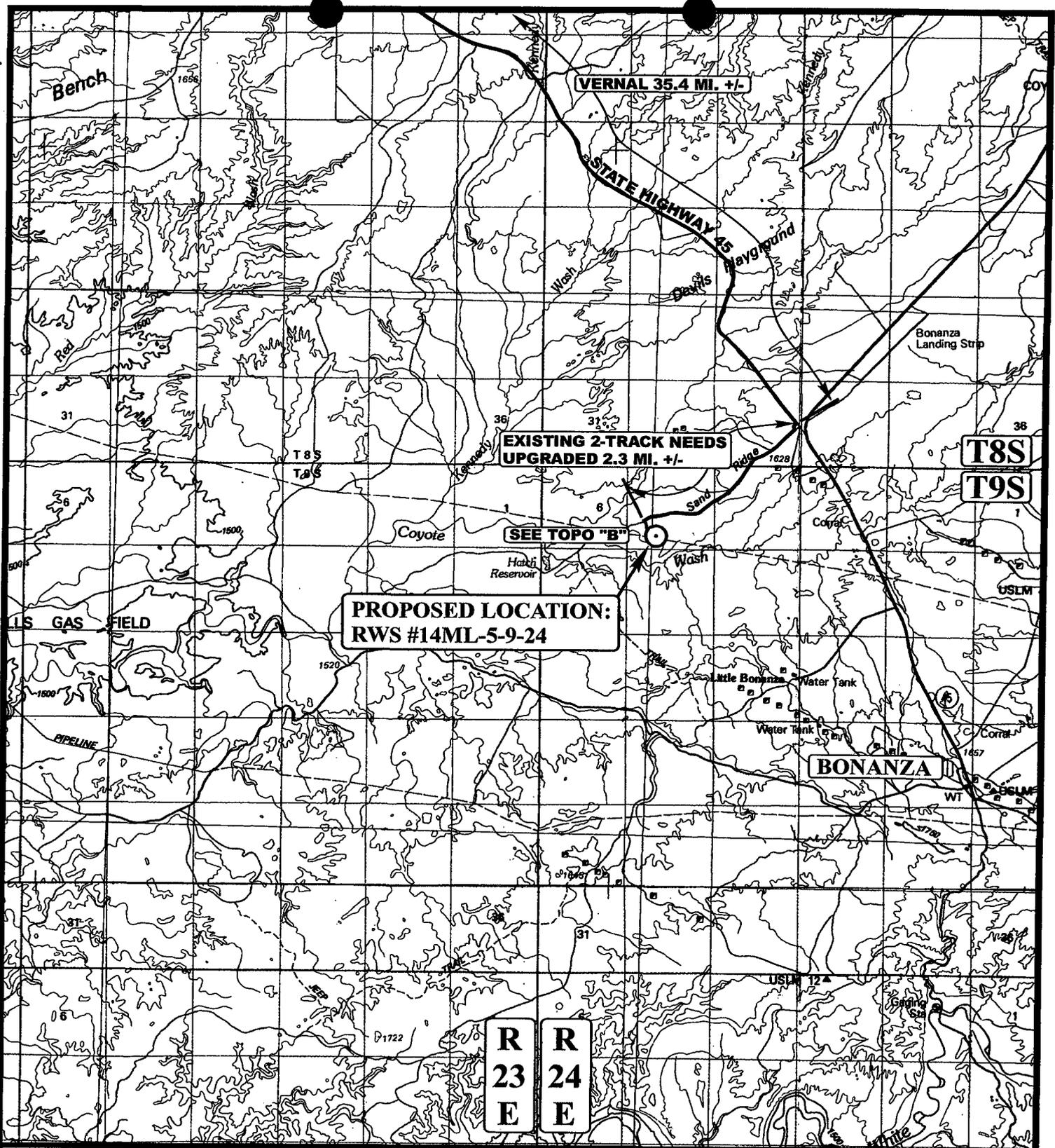


SCALE: 1" = 50'  
DATE: 09-20-05  
Drawn By: L.K.

*[Handwritten signature]*



 INTERIM RECLAMATION



**LEGEND:**

⊙ PROPOSED LOCATION



**QUESTAR EXPLR. & PROD.**

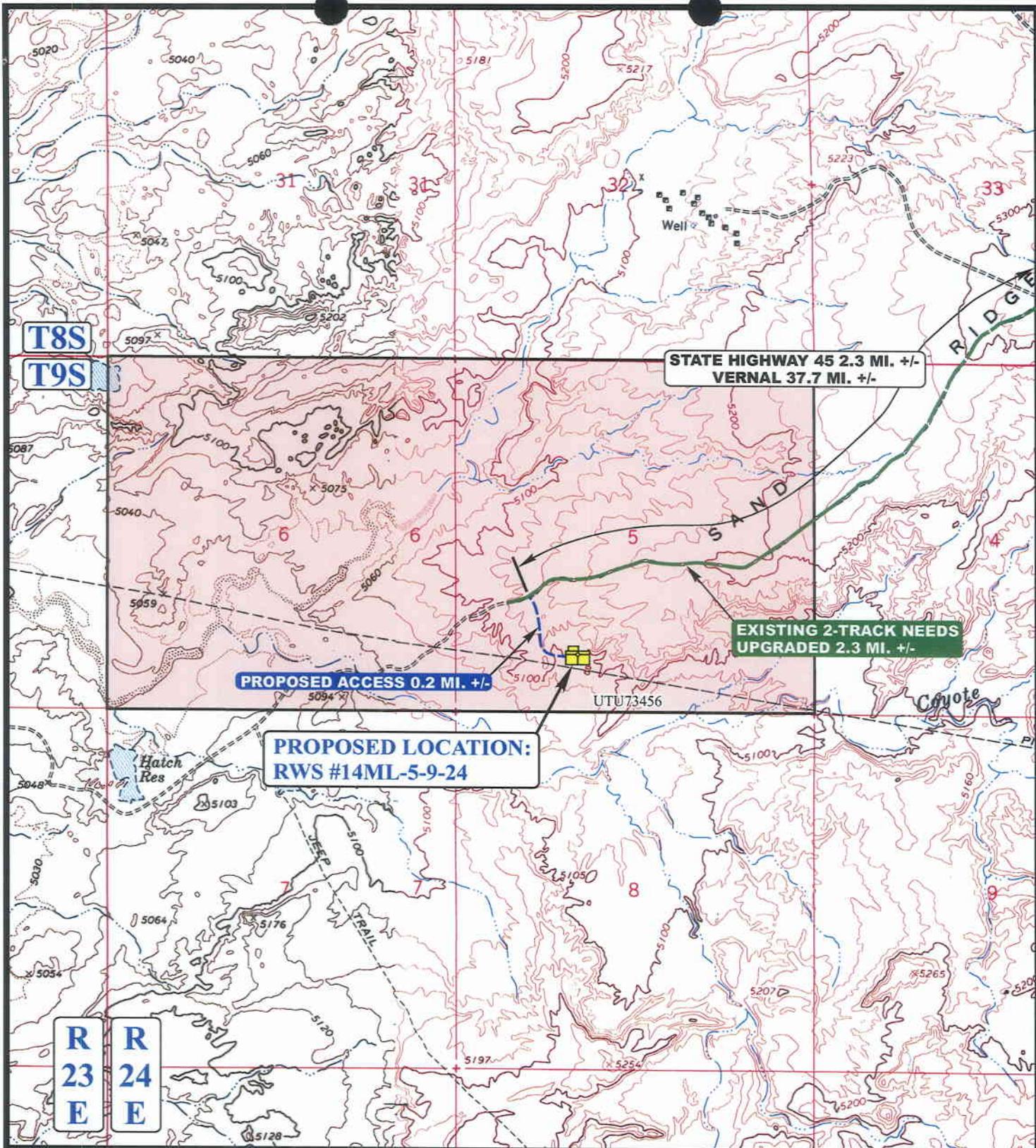
RWS #14ML-5-9-24  
 SECTION 5, T9S, R24E, S.L.B.&M.  
 860' FSL 1784' FWL



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

**TOPOGRAPHIC** 09 15 05  
 MAP MONTH DAY YEAR  
 SCALE: 1:100,000 | DRAWN BY: S.L. | REVISED: 00-00-00





**LEGEND:**

- EXISTING ROAD
- PROPOSED ACCESS ROAD
- EXISTING 2-TRACK NEEDS UPGRADED



**QUESTAR EXPLR. & PROD.**

**RWS #14ML-5-9-24**  
**SECTION 5, T9S, R24E, S.L.B.&M.**  
**860' FSL 1784' FWL**

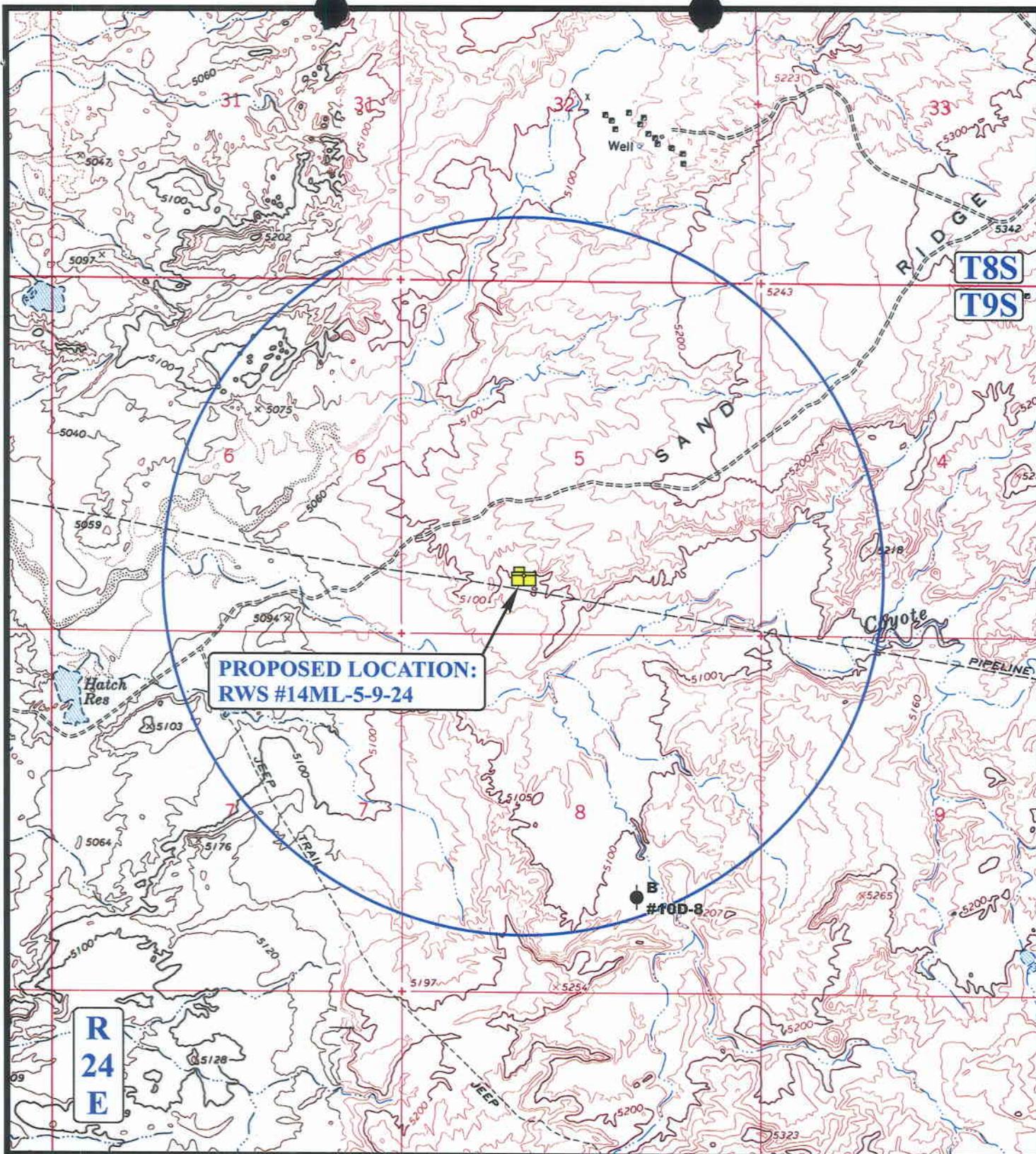


**Uintah Engineering & Land Surveying**  
 85 South 200 East Vernal, Utah 84078  
 (435) 789-1017 \* FAX (435) 789-1813

**TOPOGRAPHIC** 09 15 05  
**MAP** MONTH DAY YEAR

SCALE: 1" = 2000' DRAWN BY: S.L. REVISED: 00-00-00





**PROPOSED LOCATION:  
RWS #14ML-5-9-24**

**R  
24  
E**

**LEGEND:**

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



**QUESTAR EXPLR. & PROD.**

**RWS #14ML-5-9-24  
SECTION 5, T9S, R24E, S.L.B.&M.  
860' FSL 1784' FWL**



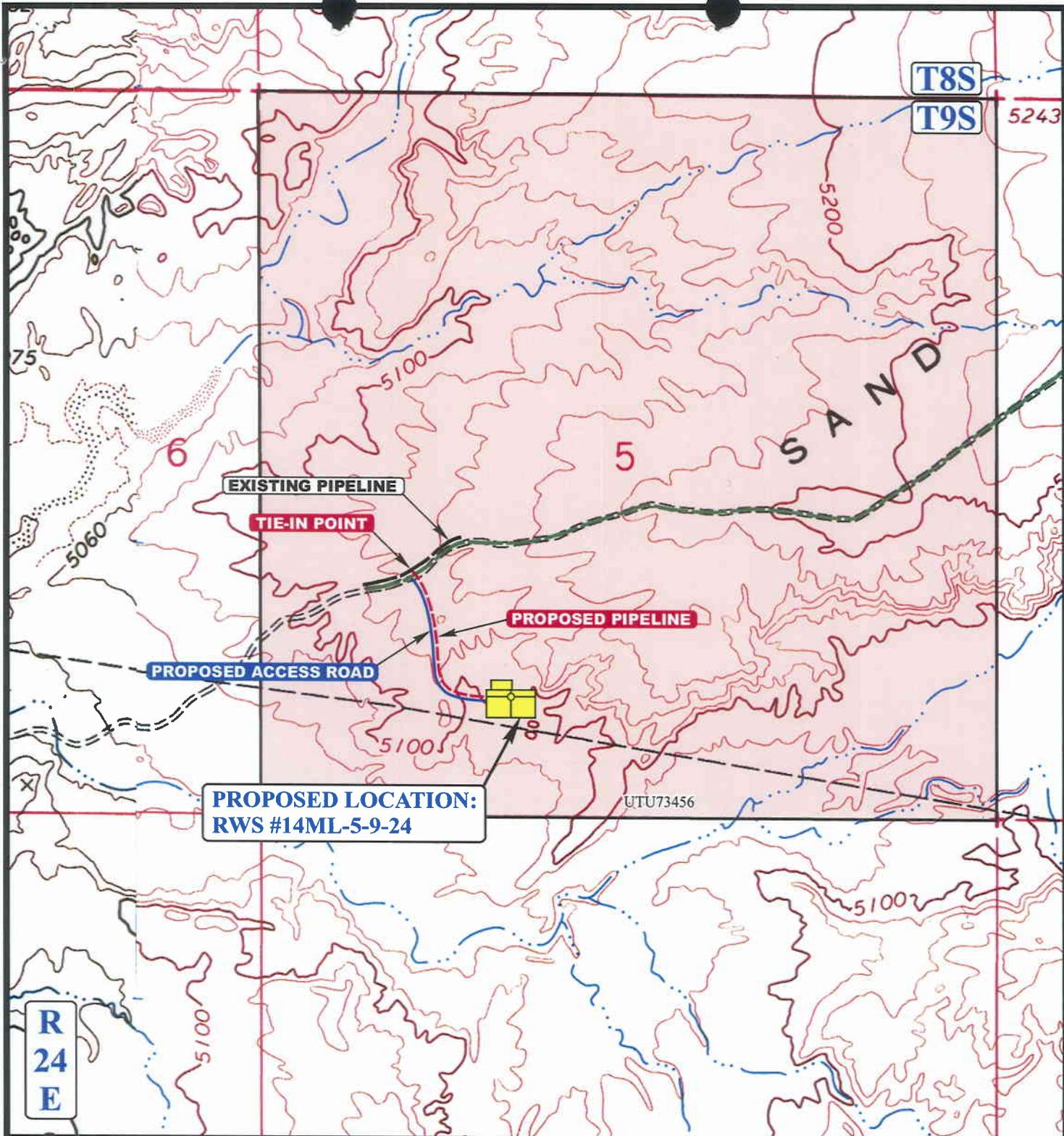
**Uintah Engineering & Land Surveying**  
85 South 200 East Vernal, Utah 84078  
(435) 789-1017 \* FAX (435) 789-1813

**TOPOGRAPHIC  
MAP**

**09 15 05**  
MONTH DAY YEAR

SCALE: 1" = 2000' DRAWN BY: S.L. REVISED: 00-00-00





**APPROXIMATE TOTAL PIPELINE DISTANCE = 1,107' +/-**

**LEGEND:**

- PROPOSED ACCESS ROAD
- EXISTING PIPELINE
- PROPOSED PIPELINE

**QUESTAR EXPLR. & PROD.**

**RWS #14ML-5-9-24**  
**SECTION 5, T9S, R24E, S.L.B.&M.**  
**860' FSL 1784' FWL**



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

**TOPOGRAPHIC MAP** **09 15 05**  
MONTH DAY YEAR

SCALE: 1" = 1000' DRAWN BY: S.L. REVISED: 00-00-00



**WORKSHEET  
APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 10/25/2005

API NO. ASSIGNED: 43-047-37310

WELL NAME: RWS 14ML-5-9-24

OPERATOR: QEP UINTA BASIN, INC. ( N2460 )

CONTACT: JAN NELSON

PHONE NUMBER: 435-781-4331

PROPOSED LOCATION:

SESW 05 090S 240E

SURFACE: 0860 FSL 1784 FWL

BOTTOM: 0860 FSL 1784 FWL

UINTAH

UNDESIGNATED ( 2 )

LEASE TYPE: 1 - Federal

LEASE NUMBER: UTU-73456

SURFACE OWNER: 1 - Federal

PROPOSED FORMATION: WSMVD

COALBED METHANE WELL? NO

INSPECT LOCATN BY: / /

Tech Review	Initials	Date
Engineering	DKD	11/14/05
Geology		
Surface		

LATITUDE: 40.05998

LONGITUDE: -109.2404

RECEIVED AND/OR REVIEWED:

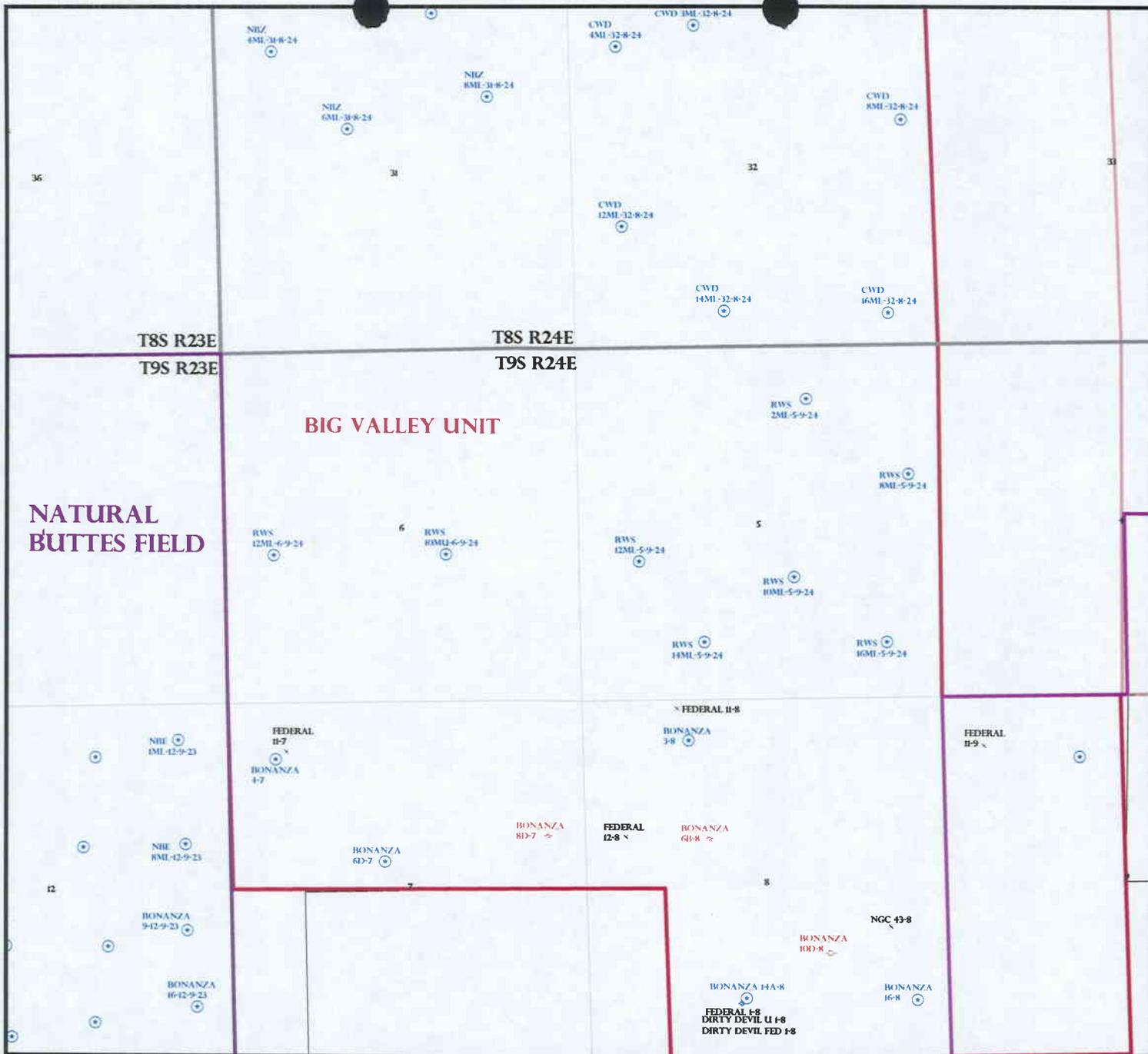
- Plat
- Bond: Fed[1] Ind[] Sta[] Fee[]  
(No. ESB000024 )
- Potash (Y/N)
- Oil Shale 190-5 (B) or 190-3 or 190-13
- Water Permit  
(No. 43-8496 )
- RDCC Review (Y/N)  
(Date: \_\_\_\_\_ )
- Fee Surf Agreement (Y/N)
- Intent to Commingle (Y/N)  
(wasatch, mesa verde)

LOCATION AND SITING:

- \_\_\_\_\_ R649-2-3.
- Unit BIG VALLEY
- R649-3-2. General  
Siting: 460 From Qtr/Qtr & 920' Between Wells
- \_\_\_\_\_ R649-3-3. Exception
- \_\_\_\_\_ Drilling Unit  
Board Cause No: \_\_\_\_\_  
Eff Date: \_\_\_\_\_  
Siting: \_\_\_\_\_
- \_\_\_\_\_ R649-3-11. Directional Drill

COMMENTS: Sep, Separate file

STIPULATIONS: 1- Federal Approval  
2- Spacing Strip  
3- Commingle



**NATURAL BUTTES FIELD**

**BIG VALLEY UNIT**

OPERATOR: QEP UINTA BASIN INC (N2460)

SEC: 5,6 T. 9S R. 24E

FIELD: UNDESIGNATED (002)

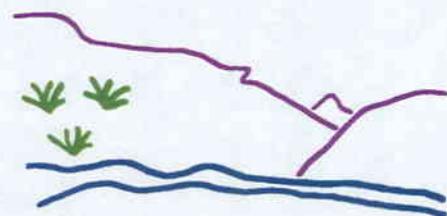
COUNTY: UNITAH

SPACING: R649-3-2 / GENERAL SITING

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

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

- Wells Status**
- 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
  - DRILLING



*Utah Oil Gas and Mining*



PREPARED BY: DIANA WHITNEY  
DATE: 26-OCTOBER-2005

# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

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

IN REPLY REFER TO:  
3160  
(UT-922)

October 26, 2005

### Memorandum

To: Assistant District Manager Minerals, Vernal District

From: Michael Coulthard, Petroleum Engineer

Subject: 2005 Plan of Development Big Valley Unit, Uintah County,  
Utah.

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following wells are planned for calendar year 2005 within the Big Valley, Uintah County, Utah.

API#	WELL NAME	LOCATION
(Proposed PZ Wasatch-MesaVerde)		
43-047-37306	RWS 2ML-5-9-24 Sec 5	T09S R24E 0774 FNL 1942 FEL
43-047-37307	RWS 8ML-5-9-24 Sec 5	T09S R24E 1895 FNL 0467 FEL
43-047-37308	RWS 10ML-5-9-24 Sec 5	T09S R24E 1785 FSL 2169 FEL
43-047-37309	RWS 12ML-5-9-24 Sec 5	T09S R24E 2056 FSL 0851 FWL
43-047-37310	RWS 14ML-5-9-24 Sec 5	T09S R24E 0860 FSL 1784 FWL
43-047-37311	RWS 16ML-5-9-24 Sec 5	T09S R24E 0823 FSL 0824 FEL
43-047-37312	RWS 12ML-6-9-24 Sec 6	T09S R24E 2180 FSL 0698 FWL

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

/s/ Michael L. Coulthard

bcc: File – Big Valley Unit  
Division of Oil Gas and Mining  
Central Files  
Agr. Sec. Chron  
Fluid Chron

MCoulthard:mc:10-26-05



**State of Utah**

**Department of  
Natural Resources**

MICHAEL R. STYLER  
*Executive Director*

**Division of  
Oil, Gas & Mining**

JOHN R. BAZA  
*Division Director*

JON M. HUNTSMAN, JR.  
*Governor*

GARY R. HERBERT  
*Lieutenant Governor*

November 14, 2005

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

Re: RWS 14ML-5-9-24 Well, 860' FSL, 1784' FWL, SE SW, Sec. 5, T. 9 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.

Administrative approval for commingling the production from the Wasatch formation and the Mesaverde formation in this well is hereby granted. Appropriate information has been submitted to DOGM in accordance with R649-3-22. No written objections from owners were received by DOGM.

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 43-047-37310.

Sincerely,

Gil Hunt  
Associate Director

pab  
Enclosures

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

Operator: QEP Uinta Basin, Inc.  
Well Name & Number RWS 14ML-5-9-24  
API Number: 43-047-37310  
Lease: UTU-73456

Location: SE SW                      Sec. 5                      T. 9 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

RECEIVED

OCT 24 2005  
SUBMIT IN TRIPLICATE\*

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

BLM VERNAL, UTAH

<b>APPLICATION FOR PERMIT TO DRILL OR DEEPEN</b>		9. LEASE DESIGNATION AND SERIAL NO. UTU-73456
TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME N/A
TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		7. UNIT AGREEMENT NAME BIG VALLEY UNIT # UTU-81308X
2. NAME OF OPERATOR QEP UINTA BASIN, INC.		8. FARM OR LEASE NAME, WELL NO. RWS 14ML-5-9-24
3. ADDRESS 11002 E. 17500 S. Vernal, Ut 84078		9. API NUMBER: 4304737310
4. LOCATION OF WELL (Report location clearly and in accordance with and State requirements*) At Surface 860' FSL 1784' FWL, SESW SECTION 5, T9S, R24E At proposed production zone		10. FIELD AND POOL, OR WILDCAT UNDESIGNATED
14. DISTANCE IN MILES FROM NEAREST TOWN OR POSTOFFICE* 35 + / - SOUTHEAST OF VERNAL, UTAH		11. SEC., T, R, M, OR BLK & SURVEY OR AREA SEC. 5, T9S R24E Mer SLB
15. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (also to nearest drig, unit line if any) 860' + / -	16. NO. OF ACRES IN LEASE 1239.79	12. COUNTY OR PARISH Uintah
18. DISTANCE FROM PROPOSED location to nearest well, drilling, completed, applied for, on this lease, ft	19. PROPOSED DEPTH 9000'	13. STATE UT
21. ELEVATIONS (Show whether DF, RT, GR, ect.) 5100.1' GR	22. DATE WORK WILL START ASAP	17. NO. OF ACRES ASSIGNED TO THIS WELL 40
24. Attachments	20. BLM/BIA Bond No. on file ESB000024	23. Estimated duration 10 days

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.

SIGNED Jan Nelson Name (printed/typed) Jan Nelson DATE October 24, 2005

TITLE Regulatory Affairs

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

RECEIVED  
FEB 28 2006

(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

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

CONDITIONS OF APPROVAL, IF ANY:  
APPROVED BY Thomas B. Clum TITLE Assistant Field Manager Mineral Resources DATE 02/16/2006

\*See Instructions On Reverse Side

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

NOTICE OF APPROVAL

CONDITIONS OF APPROVAL ATTACHED

CONFIDENTIAL



UNITED STATES DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
VERNAL FIELD OFFICE  
170 South 500 East VERNAL, UT 84078 (435) 781-4400



**CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL**

**Company:** QEP Uinta Basin, Inc. **Location:** SESW, Sec 5, T9S, R24E  
**Well No:** RWS 14ML-5-9-24 **Lease No:** UTU-73456  
**API No:** 43-047-37310 **Agreement:** Big Valley Unit

Petroleum Engineer:	Matt Baker	Office: 435-781-4490	Cell: 435-828-4470
Petroleum Engineer:	Michael Lee	Office: 435-781-4432	Cell: 435-828-7875
Supervisory Petroleum Technician:	Jamie Sparger	Office: 435-781-4502	Cell: 435-828-3913
Environmental Scientist:	Paul Buhler	Office: 435-781-4475	Cell: 435-828-4029
Environmental Scientist:	Karl Wright	Office: 435-781-4484	
Natural Resource Specialist:	Holly Villa	Office: 435-781-4404	
Natural Resource Specialist:	Melissa Hawk	Office: 435-781-4476	
<b>After hours contact number:</b>	<b>(435) 781-4513</b>	<b>FAX:</b>	<b>(435) 781-4410</b>

**A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR  
FIELD REPRESENTATIVE TO INSURE COMPLIANCE**

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. **This permit is approved for a one-year period. An additional year extension may be applied for by sundry notice prior to expiration.**

**NOTIFICATION REQUIREMENTS**

- |   |  |
|---|--|
| Location Construction<br>(Notify Paul Buhler)               | - Forty-Eight (48) hours prior to construction of location and access roads.   |
| Location Completion<br>(Notify Paul Buhler)                 | - Prior to moving on the drilling rig.   |
| Spud Notice<br>(Notify Petroleum Engineer)                  | - Twenty-Four (24) hours prior to spudding the well.   |
| Casing String & Cementing<br>(Notify Jamie Sparger SPT)     | - Twenty-Four (24) hours prior to running casing and cementing all casing strings.   |
| BOP & Related Equipment Tests<br>(Notify Jamie Sparger SPT) | - Twenty-Four (24) hours prior to initiating pressure tests.   |
| First Production Notice<br>(Notify Petroleum Engineer)      | - Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days. |

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

- Within 90 calendar days of the approval date for this Application for Permit to Drill (APD), the operator/lessee shall submit to the Authorized Officer (AO), on Sundry Notice Form 3160-5, an Interim Surface Reclamation Plan for surface disturbance on well pads, access roads, and pipelines. At a minimum, this will include the reshaping of the pad to the original contour to the extent possible; the respreading of the top soil up to the rig anchor points; and, the area reseeded using appropriate reclamation methods. The AO will provide written approval or concurrence within 30 calendar days of receipt.
- As a Best Management Practice (BMP), the pipeline will be buried within the identified construction width of an access corridor that contains the access road and pipelines. Exceptions to this BMP may be granted where laterally extensive, hard indurated bedrock, such as sandstone, is at or within 2 feet of the surface; and, soil types with a poor history of successful rehabilitation).
- Prior to abandonment of a buried pipeline, the operator will obtain authorization from the appropriate regulatory agency. BLM will determine whether the pipeline and all above ground pipeline facilities shall be removed and unsalvageable materials disposed of at approved sites or abandoned in place. Reshaping and revegetation of disturbed land areas will be completed where necessary.
- If paleontological materials are uncovered during construction, the operator is to immediately stop work, and contact the Authorized Officer (AO). A report will be prepared by the Paleontologist and submitted to the BLM at the completion of surface disturbing activities.
- This location is located within the Primary Management Zone for Black-foot Ferrets - No construction or drill shall occur from 3/1-7/15 to protect the ferret during the season of breeding through emergence of young.

## **DOWNHOLE CONDITIONS OF APPROVAL**

All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to. The following items are emphasized:

### **SITE SPECIFIC DOWNHOLE CONDITIONS OF APPROVAL**

- The operator's proposed BOPE of 3M (for TD < 9,500' per SOP) is acceptable at TD 9,000 ft, bhp 3,903 psi (gradient of 0.40 psi/ft), mud weight 10.5 ppg or under. Note that should bhp and downhole conditions warrant drilling with mud weights of 11.0 ppg or greater, an upgrade of the BOPE to a 5M system is required.

### **DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS**

- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well. Any changes in operation must have prior approval from the BLM, Vernal Field Office Petroleum Engineers.
- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- **Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.**
- Blowout prevention equipment (BOPE) will remain in use until the well is completed or abandoned. Closing unit controls must remain unobstructed and readily accessible at all times. Choke manifolds must be located outside of the rig substructure.
- All BOPE components will be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests must be performed by a test pump with a chart recorder and **NOT** by the rig pumps. Test must be reported in the driller's log.
- BOP drills must be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.
- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.
- No aggressive/fresh hard-banded drill pipe shall be used within casing.

- All shows of fresh water and minerals will be reported and protected. A sample will be taken of any water flows and a water analysis furnished the BLM, Vernal Field Office. All oil and gas shows will be adequately tested for commercial possibilities, reported, and protected.
- No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in a suspended status without prior approval of the BLM, Vernal Field Office. If operations are to be suspended for more than 30 days, prior approval of the BLM, Vernal Field Office must be obtained and notification given before resumption of operations.
- Chronologic drilling progress reports must be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.
- Any change in the program must be approved by the BLM, Vernal Field Office. "Sundry Notices and Reports on Wells" (Form BLM 3160-5) must be filed for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.
- Emergency approval may be obtained orally, but such approval does not waive the written report requirement. Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, will require the filing of a suitable plan pursuant to Onshore Oil & Gas Order No. 1 of 43 CFR 3164.1 and prior approval by the BLM, Vernal Field Office.
- In accordance with 43 CFR 3162.4-3, this well must be reported on the "Monthly Report of Operations" (Oil and Gas Operations Report ((OGOR)) starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 (303) 231-3650 for reporting information.
- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) will be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) will be submitted only when requested by the BLM, Vernal Field Office.
- **Please submit an electronic copy of all logs run on this well in LAS format to [UT\\_VN\\_Welllogs@BLM.gov](mailto:UT_VN_Welllogs@BLM.gov). This submission will supersede the requirement for submittal of paper logs to the BLM. The cement bond log must be submitted in raster format (TIF, PDF other).**

- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease will have prior written approval from the BLM, Vernal Field Office.
- All measurement points shall be identified as point of sales or allocation for royalty determination prior to the installation of facilities.
- Oil and gas meters will be calibrated in place prior to any deliveries. The Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports will be submitted to the BLM, Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement.
- A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM, Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.
- This APD is approved subject to the requirement that, should the well be successfully completed for production, the BLM, Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
  - Operator name, address, and telephone number.
  - Well name and number.
  - Well location (¼¼, Sec., Twn, Rng, and P.M.).
  - Date well was placed in a producing status (date of first production for which royalty will be paid).
  - The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
  - The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
  - Unit agreement and / or participating area name and number, if applicable.
  - Communitization agreement number, if applicable.
- Any venting or flaring of gas will be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from Field Office Petroleum Engineers.
- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events as defined in NTL3A, will be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production.

- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.
- Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

**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, re-perforate existing wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for these purposes.

**CONFIDENTIAL**

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: <b>UTU-73456</b>
2. NAME OF OPERATOR: <b>QEP UINTA BASIN, INC</b>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: <b>N/A</b>
3. ADDRESS OF OPERATOR: <b>11002 E. 17500 S.</b> CITY <b>VERNAL</b> STATE <b>UT</b> ZIP <b>84078</b>		7. UNIT or CA AGREEMENT NAME: <b>BIG VALLEY UNIT #UTU-81308X</b>
PHONE NUMBER: <b>(435) 781-4331</b>		8. WELL NAME and NUMBER: <b>RWS 14ML-5-9-24</b>
4. LOCATION OF WELL FOOTAGES AT SURFACE: <b>860' FSL 1784' FWL</b>		9. API NUMBER: <b>4304737310</b>
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: <b>SESW 5 9S 24E</b>		10. FIELD AND POOL, OR WILDCAT: <b>UNDESIGNATED</b>
COUNTY: <b>UINTAH</b>		
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: _____  <input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only)  Date of work completion: _____	<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><b>APD EXTENSION</b></u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.  
**QEP Uinta Basin, Inc. hereby requests a 1 year extension on the RWS 14ML-5-9-24.**

Approved by the  
Utah Division of  
Oil, Gas and Mining

Date: 11-14-06  
By: *[Signature]*

COPY SENT TO OPERATOR  
Date: 11-15-06  
Initials: Rm

NAME (PLEASE PRINT) <u>Jan Nelson</u>	TITLE <u>Regulatory Affairs</u>
SIGNATURE <u><i>[Signature]</i></u>	DATE <u>11/10/2006</u>

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**NOV 13 2006**  
DIV. OF OIL, GAS & MINING



**Application for Permit to Drill  
Request for Permit Extension  
Validation**

(this form should accompany the Sundry Notice requesting permit extension)

**API:** 43-047-37310  
**Well Name:** RWS 14ML-5-9-24  
**Location:** 860' FSL 1784' FWL, SESW, SEC. 5 T9S R24E.  
**Company Permit Issued to:** QEP UINTA BASIN, INC.  
**Date Original Permit Issued:** 11/14/2005

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.

Following is a checklist of some items related to the application, which should be verified.

If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes  No

Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes  No

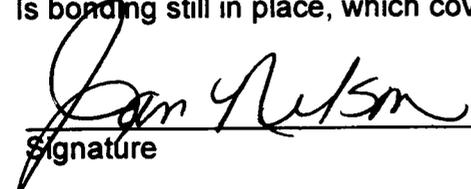
Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes  No

Have there been any changes to the access route including ownership, or right-of-way, which could affect the proposed location? Yes  No

Has the approved source of water for drilling changed? Yes  No

Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes  No

Is bonding still in place, which covers this proposed well? Yes  No

  
 \_\_\_\_\_  
 Signature  
 Title: REGULATORY AFFAIRS

11/10/2006  
 \_\_\_\_\_  
 Date

Representing: QEP UINTA BASIN, INC.

RECEIVED  
 NOV 13 2006  
 DIV. OF OIL, GAS & MINING

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

**ROUTING**

1. DJJ
2. CDW

Change of Operator (Well Sold)

**X - Operator Name Change/Merger**

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

**1/1/2007**

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

**CA No.**

**Unit:**

**BIG VALLEY 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)  
BIG VALLEY UNIT

4/30/2007 and 5/15/2007

Original Well Name	Well Name & No.	Q/Q	SEC	TWP	RNG	API	Entity	Lease	Well Type	Status
RWS 3ML-9-9-24	RWS 3ML-9-9-24	NENW	09	090S	240E	4304735483	15190	Federal	GW	S
RWS 10ML-6-9-24	RWS 10ML-6-9-24	NWSE	06	090S	240E	4304735653	15333	Federal	GW	P
CWD 4ML-32-8-24	CWD 4ML-32-8-24	NWNW	32	080S	240E	4304735684	14288	Federal	GW	P
NBZ 4ML-30-8-24	NBZ 4D-30-8-24	NWNW	30	080S	240E	4304737229		Federal	GW	APD
NBZ 6ML-30-8-24	NBZ 6ML-30-8-24	SENE	30	080S	240E	4304737230		Federal	GW	APD
NBZ 8ML-30-8-24	NBZ 8ML-30-8-24	SENE	30	080S	240E	4304737231	15976	Federal	GW	DRL
NBZ 10ML-30-8-24	NBZ 10ML-30-8-24	NWSE	30	080S	240E	4304737232		Federal	GW	APD
NBZ 12ML-30-8-24	NBZ 12D-30-8-24	NWSW	30	080S	240E	4304737233		Federal	GW	APD
NBZ 14ML-30-8-24	NBZ 14ML-30-8-24	SESW	30	080S	240E	4304737234		Federal	GW	APD
NBZ 6ML-31-8-24	NBZ 6D-31-8-24	SENE	31	080S	240E	4304737235		Federal	GW	APD
NBZ 4ML-31-8-24	NBZ 4D-31-8-24	NWNW	31	080S	240E	4304737236		Federal	GW	APD
NBZ 13ML-29-8-24	NBZ 13ML-29-8-24	SWSW	29	080S	240E	4304737237	15954	Federal	GW	DRL
NBZ 8ML-31-8-24	NBZ 8D-31-8-24	SENE	31	080S	240E	4304737238		Federal	GW	APD
NBZ 2ML-31-8-24	NBZ 2ML-31-8-24	NWNE	31	080S	240E	4304737239		Federal	GW	APD
NBZ 11ML-29-8-24	NBZ 11D-29-8-24	NESW	29	080S	240E	4304737240		Federal	GW	APD
NBZ 5ML-29-8-24	NBZ 5D-29-8-24	SWNW	29	080S	240E	4304737241		Federal	GW	APD
NBZ 7ML-29-8-24	NBZ 7ML-29-8-24	SWNE	29	080S	240E	4304737243		Federal	GW	APD
NBZ 9ML-29-8-24	NBZ 9D-29-8-24	NESE	29	080S	240E	4304737244		Federal	GW	APD
NBZ 15ML-29-8-24	NBZ 15ML-29-8-24	SWSE	29	080S	240E	4304737246		Federal	GW	APD
CWD 3ML-32-8-24	CWD 3ML-32-8-24	NENW	32	080S	240E	4304737274		Federal	GW	APD
CWD 8ML-32-8-24	CWD 8ML-32-8-24	SENE	32	080S	240E	4304737275		Federal	GW	APD
CWD 12ML-32-8-24	CWD 12ML-32-8-24	NWSW	32	080S	240E	4304737276	15323	Federal	GW	S
CWD 14ML-32-8-24	CWD 14ML-32-8-24	SESW	32	080S	240E	4304737277		Federal	GW	APD
CWD 16ML-32-8-24	CWD 16D-32-8-24	SESE	32	080S	240E	4304737278		Federal	GW	APD
RWS 2ML-5-9-24	RWS 2ML-5-9-24	NWNE	05	090S	240E	4304737306	15925	Federal	GW	DRL
RWS 8ML-5-9-24	RWS 8D-5-9-24	SENE	05	090S	240E	4304737307		Federal	GW	APD
RWS 10ML-5-9-24	RWS 10ML-5-9-24	NWSE	05	090S	240E	4304737308	15787	Federal	GW	P
RWS 12ML-5-9-24	RWS 12ML-5-9-24	NWSW	05	090S	240E	4304737309	15481	Federal	GW	P
RWS 14ML-5-9-24	RWS 14D-5-9-24	SESW	05	090S	240E	4304737310		Federal	GW	APD
RWS 16ML-5-9-24	RWS 16ML-5-9-24	SESE	05	090S	240E	4304737311		Federal	GW	APD
RWS 12ML-6-9-24	RWS 12ML-6-9-24	NWSW	06	090S	240E	4304737312	15947	Federal	GW	DRL
RWS 16ML-6-9-24	RWS 16ML-6-9-24	SESE	06	090S	240E	4304737335	15788	Federal	GW	DRL
CWD 1ML-32-8-24	CWD 1ML-32-8-24	NENE	32	080S	240E	4304737346		Federal	GW	APD
CWD 10ML-32-8-24	CWD 10D-32-8-24	NWSE	32	080S	240E	4304737347		Federal	GW	APD
RWS 6D-5-9-24	RWS 6D-5-9-24	SENE	05	090S	240E	4304737350		Federal	GW	APD
RWS 4ML-5-9-24	RWS 4ML-5-9-24	NWNW	05	090S	240E	4304737351	16020	Federal	GW	DRL
RWS 8D-6-9-24	RWS 8D-6-9-24	SENE	06	090S	240E	4304737352	15858	Federal	GW	DRL
RWS 2ML-6-9-24	RWS 2D-6-9-24	NWNE	06	090S	240E	4304737411		Federal	GW	APD
RWS 4ML-6-9-24	RWS 4ML-6-9-24	NWNW	06	090S	240E	4304737412	16035	Federal	GW	DRL
RWS 6D-6-9-24	RWS 6D-6-9-24	SENE	06	090S	240E	4304737413	99999	Federal	GW	DRL
RWS 14ML-6-9-24	RWS 14D-6-9-24	SESW	06	090S	240E	4304737414		Federal	GW	APD

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

4/30/2007 and 5/15/2007

Original Well Name	Well Name & No.	Q/Q	SEC	TWP	RNG	API	Entity	Lease	Well Type	Status
RWS 5ML-9-9-24	RWS 5ML-9-9-24	SWNW	09	090S	240E	4304738645		Federal	GW	APD
RWS 12ML-9-9-24	RWS 12ML-9-9-24	NWSW	09	090S	240E	4304738646		Federal	GW	APD

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

FORM 9

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

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

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

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

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

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

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

Utah State Bond Number: 965003033

Fee Land Bond Number: 965003033

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

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

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

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

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

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**APR 19 2007**

DIV. OF OIL, GAS & MINING

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

FORM 9

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

<b>1. TYPE OF WELL</b> OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: <b>see attached</b>
<b>2. NAME OF OPERATOR:</b> QUESTAR EXPLORATION AND PRODUCTION COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: <b>see attached</b>
<b>3. ADDRESS OF OPERATOR</b> 1050 17th Street Suite 500 Denver STATE CO ZIP 80265		7. UNIT or CA AGREEMENT NAME: <b>see attached</b>
PHONE NUMBER: (303) 308-3068		8. WELL NAME and NUMBER: <b>see attached</b>
<b>4. LOCATION OF WELL</b> FOOTAGES AT SURFACE: <b>attached</b>		9. API NUMBER: <b>attached</b>
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:		10. FIELD AND POOL, OR WILDCAT:
COUNTY: <b>Uintah</b>		
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"/> <b>NOTICE OF INTENT</b> (Submit in Duplicate) Approximate date work will start: <u>1/1/2007</u>	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
<input type="checkbox"/> <b>SUBSEQUENT REPORT</b> (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u>Well Name Changes</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

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

PER THE ATTACHED LIST OF WELLS, QUESTAR EXPLORATION AND PRODUCTION COMPANY REQUESTS THAT THE INDIVIDUAL WELL NAMES BE UPDATED IN YOUR RECORDS.

NAME (PLEASE PRINT) <u>Debra K. Stanberry</u>	TITLE <u>Supervisor, Regulatory Affairs</u>
SIGNATURE	DATE <u>4/17/2007</u>

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**APR 19 2007**  
DIV. OF OIL, GAS & MINING



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

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



IN REPLY REFER TO  
3180  
UT-922

April 23, 2007

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

Re: Big Valley Unit  
Uintah County, Utah

Gentlemen:

On April 12, 2007, we received an indenture dated April 6, 2007, whereby QEP Uinta Basin, Inc. resigned as Unit Operator and Questar Exploration and Production Company was designated as Successor Unit Operator for the Big Valley Unit, Uintah County, Utah.

This indenture was executed by all required parties and the signatory parties have complied with Sections 5 and 6 of the unit agreement. The instrument is hereby approved effective April 23, 2007. In approving this designation, the Authorized Officer neither warrants nor certifies that the designated party has obtained all required approval that would entitle it to conduct operations under the Big Valley Unit Agreement.

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

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

Sincerely,

/s/ Greg J. Noble

Greg J. Noble  
Acting Chief, Branch of Fluid Minerals

Enclosure

bcc: Field Manager - Vernal (w/enclosure)  
SITLA  
Division of Oil, Gas & Mining  
File - Big Valley Unit (w/enclosure)  
Agr. Sec. Chron  
Reading File  
Central Files

UT922:TAThompson:tt:4/23/07

RECEIVED

APR 30 2007

DIV. OF OIL, GAS, & MINING

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
SUNDRY NOTICES AND REPORTS ON WELLS  
Do not use this form for proposals to drill or abandon a well. Use Form 3160-3 (APD) for such proposals.

FORM APPROVED  
OMB No. 1004-0135  
Expires July 31, 1996

RECEIVED  
VERNAL FIELD OFFICE  
2007 JAN 25 PM 12:56

5. Lease Serial No.  
**UTU-73456**

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

7. If Unit or CA/Agreement, Name and/or No.  
**BIG VALLEY UNIT #UTU-81308X**

8. Well Name and No.  
**RWS 14ML-5-9-24**

9. API Well No.  
**43-047-37310**

10. Field and Pool, or Exploratory Area  
**UNDESIGNATED**

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

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

1. Type of Well  
 Oil Well  Gas Well  Other

2. Name of Operator  
**QEP Uinta Basin, Inc. Contact: Jan Nelson**

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

3b. Phone No. (include area code)  
**435-781-4032**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
**860' FSL 1784' FWL, SESW, SECTION 5, T9S, R24E**

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

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

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

QEP Uinta Basin Inc, hereby requests a 1 year extension on the APD for the RWS 14ML-5-9-24.

BLM APD approval date: 2/16/2006

RECEIVED  
MAR 05 2007

DIV. OF OIL, GAS & MINING

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

Name (Printed/Typed) <b>Laura Bills</b>	Title <b>Regulatory Assistant</b>
Signature <i>Laura Bills</i>	Date <b>January 25, 2007</b>

THIS SPACE FOR FEDERAL OR STATE USE

Approved by <i>[Signature]</i>	Title <b>Petroleum Engineer</b>	Date <b>FEB 12 2007</b>
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.		

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.

(Instructions on reverse)



CONDITIONS OF APPROVAL ATTACHED



**Application for Permit to Drill  
Request for Permit Extension  
Validation**

(this form should accompany the Sundry Notice requesting permit extension)

**API:** 43-047-37310  
**Well Name:** RWS 14ML-5-9-24  
**Location:** 860' FSL 1784' FWL, SESW, SEC. 5, T9S, R24E  
**Company Permit Issued to:** QEP UINTA BASIN, INC.  
**Date Original Permit Issued:** 2/16/2006

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.

Following is a checklist of some items related to the application, which should be verified.

If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes  No

Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes  No

Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes  No

Have there been any changes to the access route including ownership, or right-of-way, which could affect the proposed location? Yes  No

Has the approved source of water for drilling changed? Yes  No

Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes  No

Is bonding still in place, which covers this proposed well? Yes  No

*Daura Bills*  
Signature

1/25/2007  
Date

Title: REGULATORY ASSISTANT

Representing: QEP UINTA BASIN, INC.

**RECEIVED**  
**MAR 05 2007**  
 DIV. OF OIL, GAS & MINING

# CONDITIONS OF APPROVAL

## QEP Uintah Basin, Inc.

### Notice of Intent APD Extension

**Lease:** UTU-73456  
**Well:** RWS 14ML-5-9-24  
**Location:** SESW Sec 5-T9S-R24E

An extension for the referenced APD is granted with the following conditions:

---

1. The extension and APD shall expire on 2/16/08.
2. No other extension shall be granted.

If you have any other questions concerning this matter, please contact Matt Baker of this office at (435) 781-4490

RECEIVED  
MAR 05 2007  
DIV. OF OIL, GAS & MINING

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**CONFIDENTIAL**

**SUNDRY NOTICES AND REPORTS ON WELLS**

*Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.*

5. Lease Serial No.

UTU-73456

6. If Indian, Allottee or Tribe Name

N/A

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

BIG VALLEY UNIT #UTU-81308X

8. Well Name and No.

RWS 14ML-5-9-24

9. API Well No.

43-047-37310

10. Field and Pool, or Exploratory Area

UNDESIGNATED

11. County or Parish, State

UINTAH

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

1. Type of Well

Oil Well  Gas Well  Other

2. Name of Operator

QUESTAR EXPLORATION & PRODUCTION, CO.

3a. Address

11002 East 17500 South Vernal, Utah 84078

3b. Phone No. (include area code)

Steven Hall @303-672-6919

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

860' FSL 1784' FWL, SESW, SECTION 5, T9S, R24E

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

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

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

Questar Exploration & Production, Co. proposes to drill this well to the Dakota formation. The approved TD was 9000', the new proposed TD will be 13,175'. Please refer to revised 8-point drilling plan.

QEP proposes to change the well name from RWS 14ML-5-9-24 to RWS 14D-5-9-24.

Approved by the  
Utah Division of  
Oil, Gas and Mining

RECEIVED

SEP 21 2007

Date: 09-24-07

By: *[Signature]*

DIV. OF OIL, GAS & MINING

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

Name (Printed/Typed)

Laura Bills

Title

Regulatory Affairs

Signature

*[Signature: Laura Bills]*

Date

September 19, 2007

COPY SENT TO OPERATOR

Date: 9/25/07

Initials: RM

**THIS SPACE FOR FEDERAL OR STATE USE**

Approved by

Title

Date

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

Office

Title 18 U.S.C. Section 1001, 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.

(Instructions on reverse)

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**

<u>Formation</u>	<u>Depth</u>
Uinta	Surface
Green River	918'
Wasatch	4,258'
Mesaverde	5,618'
Sego	7,758'
Castlegate	7,948'
Mancos Shale	8,403'
Frontier	11,538'
Dakota	12,598'
Morrison	13,048'
TD	13,175'

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>
Gas	Wasatch	4,258'
Gas	Mesaverde	5,618'
Gas	Mancos Shale	8,403'
Gas	Frontier	11,538'
Gas	Dakota	12,598'

All fresh water and prospectively valuable minerals encountered during drilling, will be recorded by depth and adequately protected. All oil and gas shows will be tested to determine commercial potential.

All water shows and water-bearing sands will be reported to the BLM in Vernal, Utah. Copies of State of Utah form OGC-8-X are acceptable. If flows are detected, samples will be submitted to the BLM along with any water analyses conducted. Fresh water will be obtained from Wonsits Valley water right # A36125 (which was filed on May 7, 1964,) or Red Wash water right # 49-2153 (which was filed on March 25, 1960). It was determined by the Fish and Wildlife Service that any water right number filed before 1989 is not depleting to the Upper Colorado River System, to supply fresh water for drilling purposes. All water resulting from drilling operations will be disposed of at Red Wash Central

DRILLING PROGRAM

Battery Disposal Site; SWSE, Section 27, T7S, R23E or Wonsits Valley Disposal Site; SWNW, Section 12, T8S, R21E.

**3. Operator's Specification for Pressure Control Equipment:**

- A. 3,000 psi double gate, and 3,000 psi annular BOP (schematic attached) to 8,550' or intermediate casing point. 10,000 psi double gate, 10,000 psi single gate, and 10,000 psi annular BOP (schematic attached) below intermediate casing point.
- B. Functional test daily
- C. All casing strings shall be pressure tested (0.22 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 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 3M and 10M system and individual components shall be operable as designed.

**4. Casing Design:**

Hole Size	Csg. Size	Top (MD)	Bottom (MD)	Wt.	Grade	Thread	Cond.
17-1/2"	14"	sfc	40'	Steel	Cond.	None	Used
12-1/4"	9-5/8"	sfc	2,200'	36.0	J-55	STC	New
8-3/4"	7"	sfc	8,550'	26.0	HCP-110	LTC	New
6-1/8"	4-1/2"	100'	13,175'	13.5	P-110	LTC	New

Casing Strengths:				Collapse	Burst	Tensile (minimum)
9-5/8"	36.0 lb.	J-55	STC	2,020 psi	3,520 psi	394,000 lb.
7"	26.0 lb.	HCP-110	LTC	7,800 psi	9,950 psi	693,000 lb.
4-1/2"	13.5 lb.	P-110	LTC	10,680 psi	12,410 psi	338,000 lb.

DRILLING PROGRAM

**MINIMUM DESIGN FACTORS:**

COLLAPSE: 1.125

BURST: 1.00

TENSION: 1.80

Area Fracture Gradient: 0.9 psi/foot  
Maximum anticipated mud weight: 13.4 ppg  
Maximum surface treating pressure: 8,500 psi  
Over pull margin (minimum): 100,000 lbs  
Pressure while bumping plug: 10,000 psi

**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  
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.

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 13.4 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.

DRILLING PROGRAM

6. **Testing, logging and coring program**

- A. Cores – none anticipated
- B. DST – none anticipated
- C. Logging – Mud logging – 3000' to TD  
GR-SP-Induction, Neutron, Density – open hole  
RST if hole conditions preclude open hole logs
- D. Formation and Completion Interval: Mancos 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.

7. **Cementing Program**

**20" Conductor:**

Cement to surface with construction cement.

**9-5/8" Surface Casing: sfc – 2,200' (MD)**

**Lead Slurry:** 0' – 1,900'. 405 sks (1190 cu ft) Rockies LT cement + 0.25 lb/sk Flocele. Slurry wt: 11.5 ppg, Slurry yield: 2.94 ft<sup>3</sup>/sk, Slurry volume: 12-1/4" hole + 100% excess.

**Tail Slurry:** 1,900' – 2,200'. 150 sks (185 cu ft) 50/50 Poz Premium AG + 5% salt + 0.25 lb/sk Flocele. Slurry wt: 11.5 ppg, Slurry yield: 1.24 ft<sup>3</sup>/sk, Slurry volume: 12-1/4" hole + 100% excess.

**7" Intermediate Casing: sfc - 8,550' (MD)**

**Lead Slurry:** 0' – 4,000'. 200 sks (775 cu ft) Halliburton Hi-Fill cement. Slurry wt: 11.0 ppg, Slurry yield: 3.86 ft<sup>3</sup>/sk, Slurry volume: 8-3/4" hole + 50% excess in open hole section.

**Tail Slurry:** 4,000' – 8,550'. 830 sks (1030 cu ft) 50/50 Poz Premium AG + 2.0% Bentonite + 0.6% Halad (R)-322 fluid loss + 2.0% Microbond M expander + 5% salt + 0.25 lb/sk Flocele. Slurry wt: 14.35 ppg, Slurry yield: 1.24 ft<sup>3</sup>/sk, Slurry volume: 8-3/4" hole + 50% excess.

**4-1/2" Production Casing: sfc - 13,175' (MD)**

**Lead Slurry:** 0' - 4,000'. 110 sks (425 cu ft) Halliburton Hi-Fill cement + 16% Bentonite + 0.75% Econolite + 3% salt + 0.8% HR-7 retarder. Slurry wt: 11.0 ppg, Slurry yield: 3.84 ft<sup>3</sup>/sk, Slurry volume: 4-1/2" casing inside 7" casing.

**Tail Slurry:** 4,000' – 13,175'. 1055 sks (1310 cu ft) of 50/50 Poz Premium AG + 2.0% Bentonite + 0.6% Halad (R)-322 fluid loss + 2.0% Microbond M expander + 5% salt + 0.2% HR-5 retarder + 0.25 lb/sk Flocele. Slurry wt: 14.35 ppg, Slurry yield: 1.24 ft<sup>3</sup>/sk, Slurry volume: 6-1/8" hole + 20% excess in open hole section.

DRILLING PROGRAM

\*Final cement volumes to be calculated from caliper log with an attempt to be made to circulate cement to the surface on the intermediate string and 4,000' on the production string. 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 9,180 psi. Maximum anticipated bottom hole temperature is 250° F.

Minor loss circulation zones (seepage) will be handled by either LCM sweeps containing 15% to 30% LCM material or by adding LCM material to the entire fluid system ranging from 5% to 30%. LCM material will include saw dust, mica (fine, medium and course), cedar fiber, fiber seal, walnut hulls, etc. Major loss circulation zones will be handled by either cement plugs or sodium silicate plugs. No major loss zones are anticipated.

# DRILLING PROGRAM

## SCHEMATIC DIAGRAM OF 3,000 PSI BOP STACK

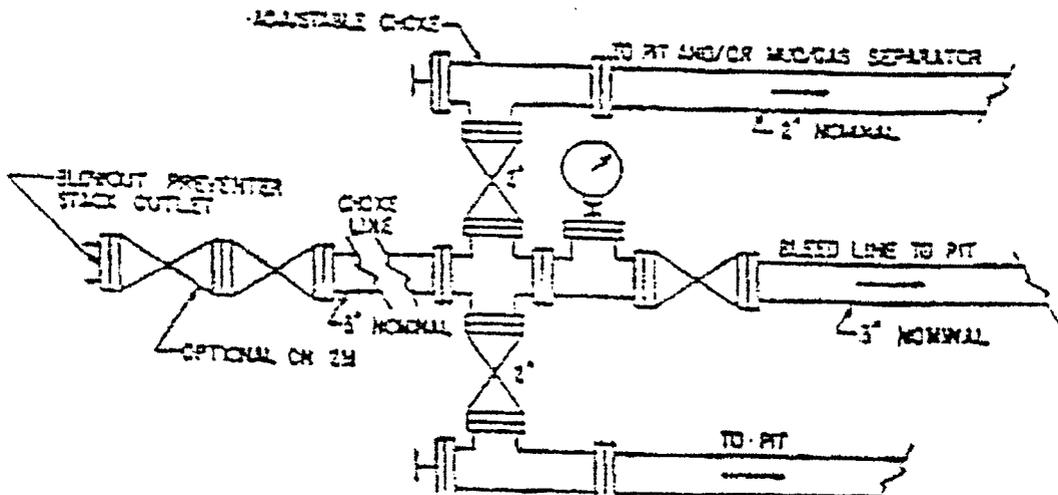
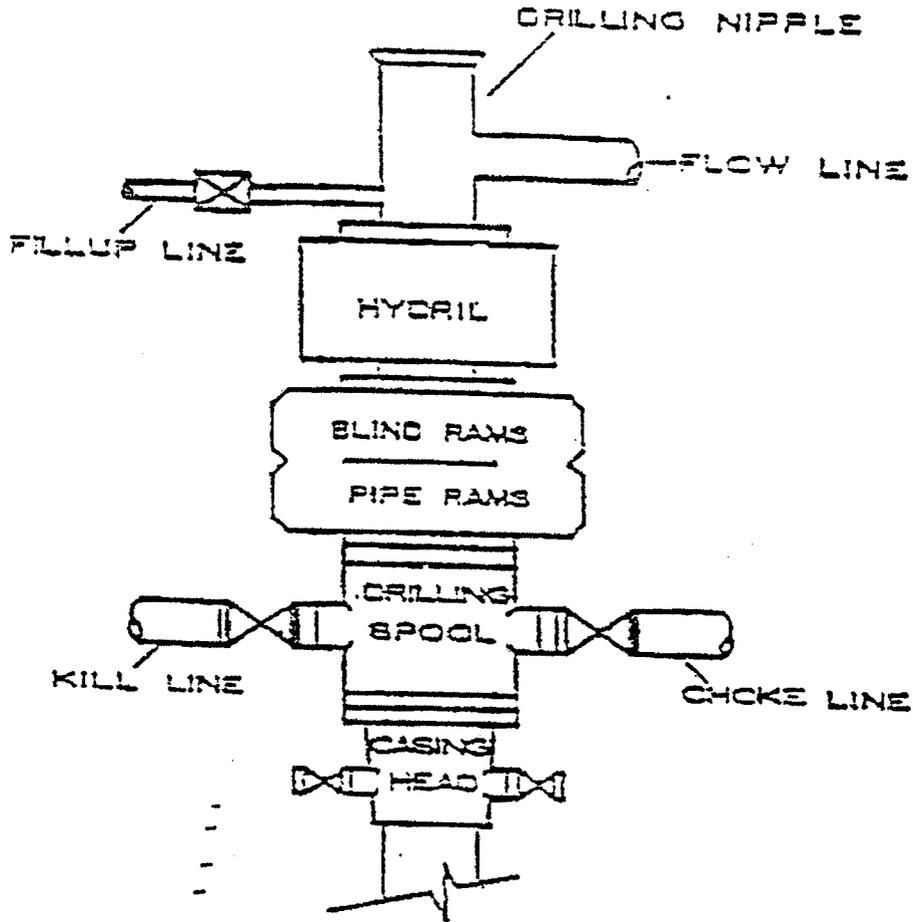
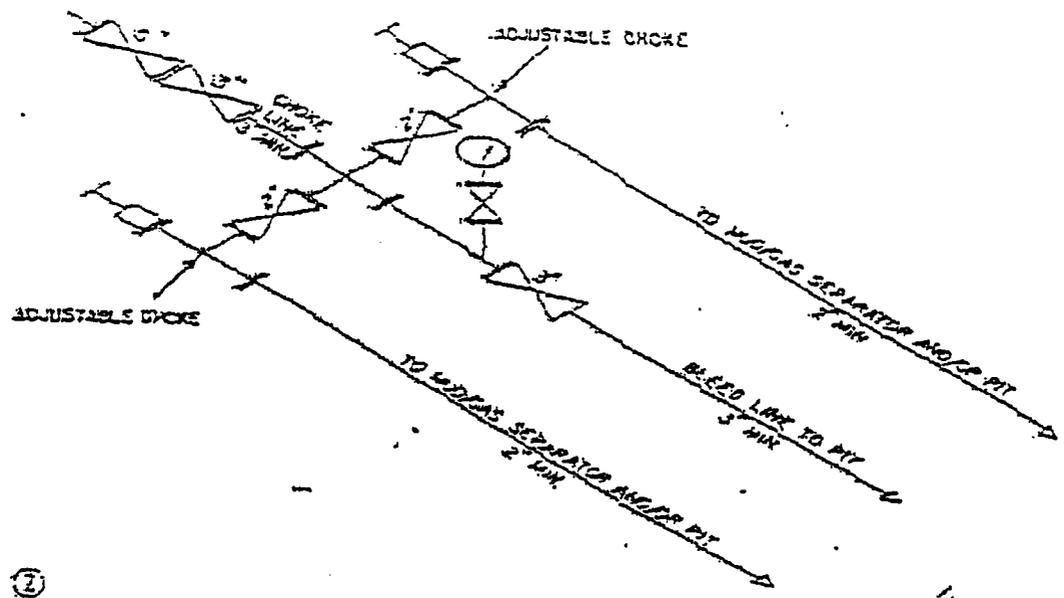


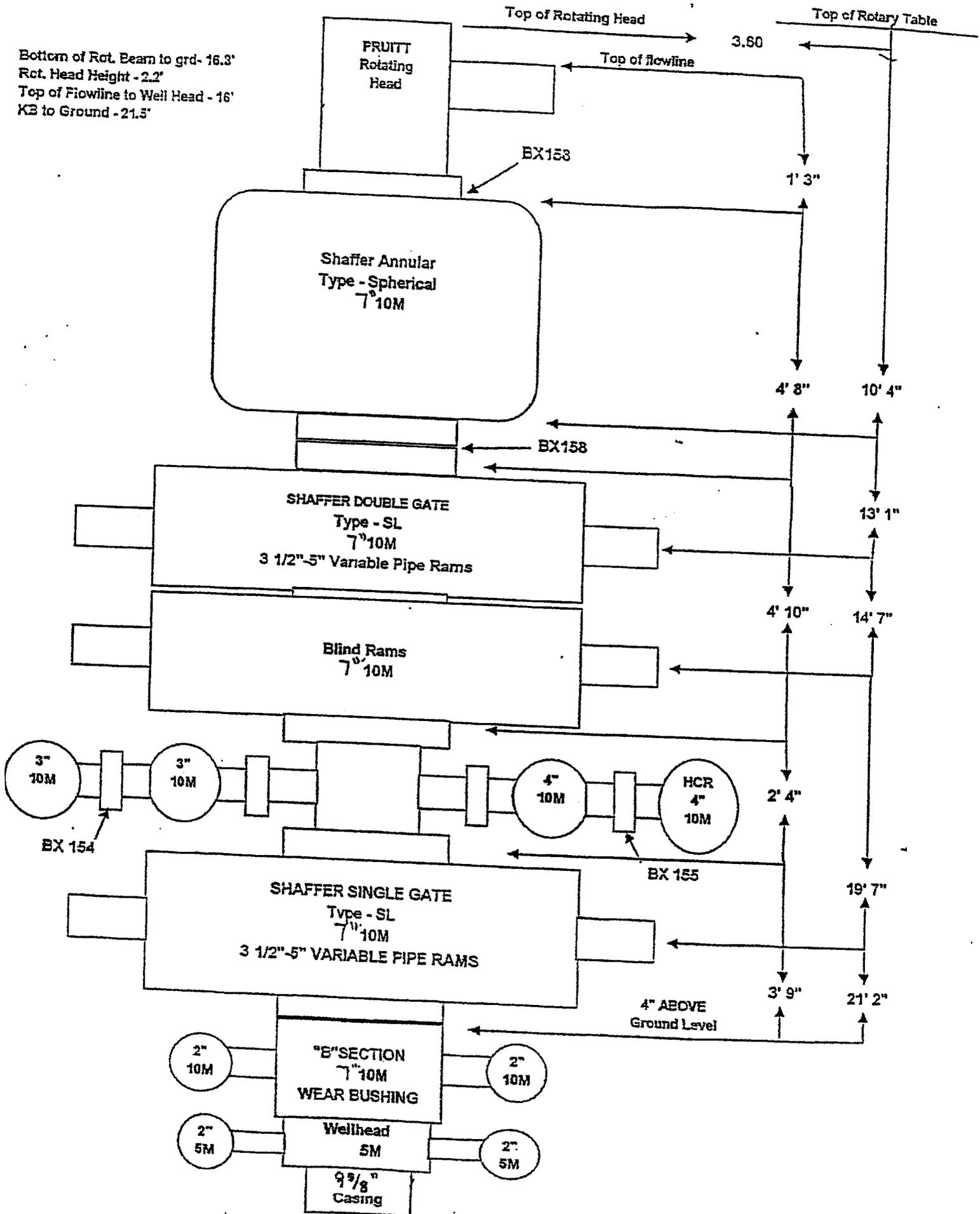
EXHIBIT A CONTINUED

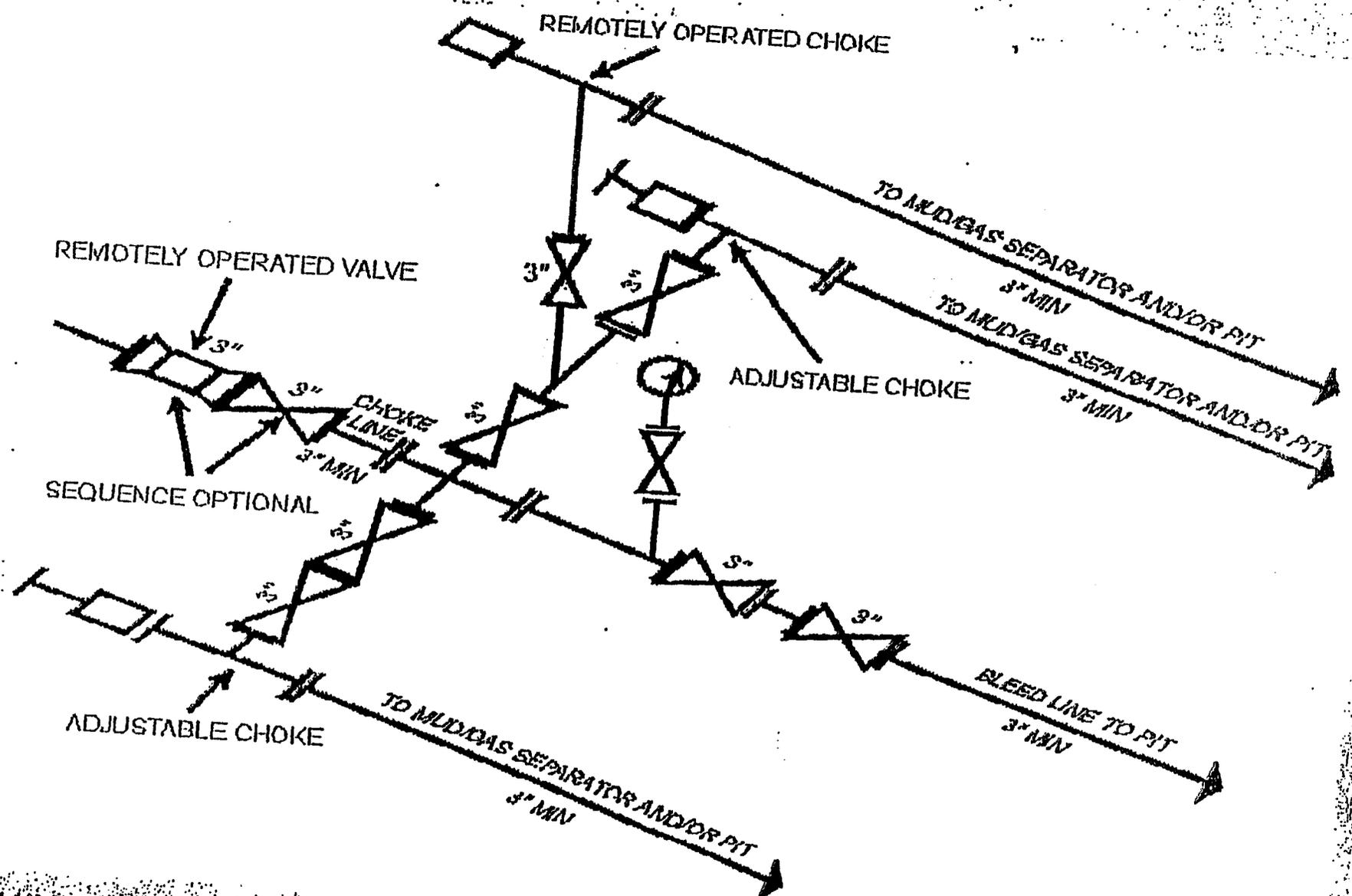
46312 Federal Register / Vol. 33, No. 223 / Friday, November 16, 1968 / Rules and Regulations



② 3M CHOKE MANIFOLD EQUIPMENT — CONFIGURATION OF CHOKES MAY VARY

Bottom of Rot. Beam to grd- 16.3'  
 Rot. Head Height - 2.2'  
 Top of Flowline to Well Head - 16'  
 KB to Ground - 21.5'





I-4-10M and 15M Choke Manifold Equipment -- Configuration of chokes may vary

[94] R 39328, Sept. 27, 1989

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

**CONFIDENTIAL**

FORM 9

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>		5. LEASE DESIGNATION AND SERIAL NUMBER: <b>UTU-73456</b>
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: <b>N/A</b>
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		7. UNIT or CA AGREEMENT NAME: <b>BIG VALLEY UNIT # UTU-81308X</b>
2. NAME OF OPERATOR: <b>QUESTAR EXPLORATION &amp; PRODUCTION CO.</b>		8. WELL NAME and NUMBER: <b>RWS 14D-5-9-24</b>
3. ADDRESS OF OPERATOR: <b>11002 E. 17500 S.</b> CITY <b>VERNAL</b> STATE <b>UT</b> ZIP <b>84078</b>		9. API NUMBER: <b>4304737310</b>
4. LOCATION OF WELL FOOTAGES AT SURFACE: <b>860' FSL 1784' FWL</b>		10. FIELD AND POOL, OR WILDCAT: <b>UNDESIGNATED</b>
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: <b>SESW 5 9S 24E</b>		COUNTY: <b>UINTAH</b>
		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: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <b>APD EXTENSION</b>
	<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.

Questar Exploration & Production Company hereby requests a 1 year extension on the RWS 14D-5-9-24.

Approved by the  
Utah Division of  
Oil, Gas and Mining

Date: 11-05-07  
By: [Signature]

NAME (PLEASE PRINT) <u>Laura Bills</u>	TITLE <u>Regulatory Affairs</u>
SIGNATURE <u>[Signature]</u>	DATE <u>11/9/2007</u>

(This space for State use only)

COPY SENT TO OPERATOR  
Date: 11-16-07  
[Signature]

(See Instructions on Reverse Side)

RECEIVED **CONFIDENTIAL**  
NOV 13 2007

DIV. OF OIL, GAS & MINING

**Application for Permit to Drill  
Request for Permit Extension  
Validation**

(this form should accompany the Sundry Notice requesting permit extension)

**API:** 43-047-37310  
**Well Name:** RWS 14D-5-9-24  
**Location:** 860' FSL 1784' FWL, SESW, SEC. 5, T9S, R24E  
**Company Permit Issued to:** Questar Exploration & Production Co.  
**Date Original Permit Issued:** 11/14/2005

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.

Following is a checklist of some items related to the application, which should be verified.

If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes  No

Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes  No

Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes  No

Have there been any changes to the access route including ownership, or right-of-way, which could affect the proposed location? Yes  No

Has the approved source of water for drilling changed? Yes  No

Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes  No

Is bonding still in place, which covers this proposed well? Yes  No

*Auna Bills*  
Signature

11/9/2007  
Date

Title: Regulatory Affairs

Representing: Questar Exploration & Production Co.

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NOV 13 2007

DIV. OF OIL, GAS & MINING

**DIVISION OF OIL, GAS AND MINING**

**SPUDDING INFORMATION**

Name of Company: QUESTAR EXPLORATION & PRODUCTION CO

Well Name: RWS 14D-5-9-24

Api No: 43-047-37310 Lease Type: FEDERAL

Section 05 Township 09S Range 24E County UINTAH

Drilling Contractor PETE MARTIN DRLG RIG # RATHOLE

**SPUDDED:**

Date 01/11/08

Time \_\_\_\_\_

How DRY

**Drilling will Commence:** \_\_\_\_\_

Reported by DOUG McCARTNEY

Telephone # (281) 615-0938

Date 01/14/08 Signed CHD

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

**CONFIDENTIAL**

5. Lease Designation and Serial No.  
**UTU-73456**

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

7. If Unit or CA, Agreement Designation  
**Big Valley Unit  
#UTU-81308X**

8. Well Name and No.  
**RWS 14D 5 9 24**

9. API Well No.  
**43-047-37310**

10. Field and Pool, or Exploratory Area  
**UNDESIGNATED**

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

**SUBMIT IN TRIPLICATE**

1. Type of Well  
Oil Gas  
 Well  Well  Other

2. Name of Operator  
**QUESTAR EXPLORATION & PRODUCTION CO.**

3. Address and Telephone No. **11002 EAST 17500 SOUTH - VERNAL, UT 84078**  
Contact: **Dahn.Caldwell@questar.com**  
**435-781-4342 Fax 435-781-4357**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
**860' FSL, 1784' FWL, SESW, SEC 5-T9S-R24E**

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

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input checked="" type="checkbox"/> Other <u>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

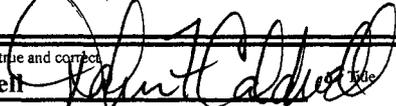
(Note) Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

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)

**On 1/12/08 - Drilled 40' of 17-1/2" conductor hole. Set 40' of 14" conductor pipe. Cmdt w/ Ready Mix.**

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

**RECEIVED**  
**JAN 17 2008**  
DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct.  
Signed Dahn F. Caldwell  Office Administrator II Date 1/14/08

(This space for Federal or State office use)

Approved by: \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_

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

OPERATOR: **Questar Exploration & Production Co.**  
ADDRESS: **11002 East 17500 South**  
**Vernal, Utah 84078 (435)781-4342**

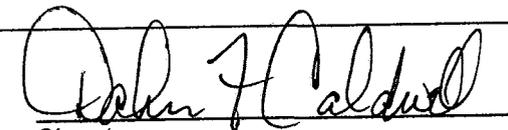
ENTITY ACTION FORM - FORM 6

Action Code	Current Entity No.	New Entity No.	API Number	Well Name	QQ	SC	TP	RG	County	Spud Date	Effective Date
A	99999	16615	43-047-37310	RWS 14D 5 9 24	SESW	5	9S	24E	Uintah	1/12/2008	1/17/08
WELL 1 COMMENTS: <i>MRSN</i>											<p><b>CONFIDENTIAL</b></p> <p><b>RECEIVED</b> JAN 17 2008 DIV. OF OIL, GAS &amp; MINING</p>
WELL 2 COMMENTS:											
WELL 3 COMMENTS:											
WELL 4 COMMENTS:											
WELL 5 COMMENTS:											

ACTION CODES (See instructions on back of form)

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (explain in comments section)

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

  
Signature

Office Administrator II      1/14/08  
Title      Date

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

**CONFIDENTIAL**

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

FORM APPROVED  
OMB No. 1004-0135  
Expires July 31, 1996

5. Lease Serial No.  
**UTU-73456**

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

7. If Unit or CA/Agreement, Name and/or No.  
**BIG VALLEY UNIT # UTU-81308X**

8. Well Name and No.  
**RWS 14D-5-9-24**

9. API Well No.  
**43-047-37310**

10. Field and Pool, or Exploratory Area  
**UNDESIGNATED**

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

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

1. Type of Well

Oil Well  Gas Well  Other

2. Name of Operator

**QUESTAR EXPLORATION & PRODUCTION CO. Contact: Steve Hall**

3a. Address

**11002 E. 17500 SO. Vernal, UT 84078**

3b. Phone No. (include area code)

**303-672-6919**

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

**860' FSL 1784' FWL, SESW, SECTION 5, T9S, R24E**

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

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

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

Questar E&P proposes to change the 4 1/2" production casing design from the approved 13.5#, P-110, LTC casing to 15.1#, P-110, LTC casing. The change will increase the safety factors during the stimulation process.

Questar would like to shorten the proposed total depth from 13,175' to 12,850'.

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

Name (Printed/Typed)

**Laura Bills**

Title

**Regulatory Affairs**

Signature

*Laura Bills*

Date

**February 14, 2008**

**THIS SPACE FOR FEDERAL OR STATE USE**

Approved by

Title

Date

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

Office

Title 18 U.S.C. Section 1001, 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.

(Instructions on reverse)

**RECEIVED**

**FEB 15 2008**

**CONFIDENTIAL**

DIV. OF OIL, GAS & MINING

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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FORM APPROVED  
OMB No. 1004-0135  
Expires July 31, 1996

5. Lease Serial No.

UTU-73456

6. If Indian, Allottee or Tribe Name

N/A

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

BIG VALLEY UNIT # UTU-81308X

8. Well Name and No.

RWS 14D-5-9-24

9. API Well No.

43-047-37310

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UNDESIGNATED

11. County or Parish, State

UINTAH COUNTY, UTAH

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2. Name of Operator

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860' FSL 1784' FWL, SESW, SECTION 5, T9S, R24E

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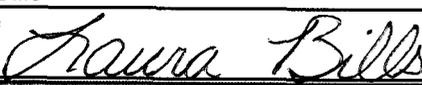
TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
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Name (Printed/Typed)	Title
Laura Bills	Regulatory Affairs
Signature	Date
	February 14, 2008

**THIS SPACE FOR FEDERAL OR STATE USE**

Approved by	Title	Date

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

Title 18 U.S.C. Section 1001, 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.

(Instructions on reverse)

RECEIVED

FEB 15 2008

CONFIDENTIAL

**NOTICE OF LATE REPORTING  
DRILLING & COMPLETION INFORMATION**

Utah Oil and Gas Conservation General Rule R649-3-6 states that,

- Operators shall submit monthly status reports for each drilling well (including wells where drilling operations have been suspended).

Utah Oil and Gas Conservation General Rule R649-3-21 states that,

- A well is considered completed when the well has been adequately worked to be capable of producing oil or gas or when well testing as required by the division is concluded.
- Within 30 days after the completion or plugging of a well, the following shall be filed:
  - Form 8, Well Completion or Recompletion Report and Log
  - A copy of electric and radioactivity logs, if run
  - A copy of drillstem test reports,
  - A copy of formation water analyses, porosity, permeability or fluid saturation determinations
  - A copy of core analyses, and lithologic logs or sample descriptions if compiled
  - A copy of directional, deviation, and/or measurement-while-drilling survey for each horizontal well

Failure to submit reports in a timely manner will result in the issuance of a Notice of Violation by the Division of Oil, Gas and Mining, and may result in the Division pursuing enforcement action as outlined in Rule R649-10, Administrative Procedures, and Section 40-6-11 of the Utah Code.

---

As of the mailing of this notice, the division has not received the required reports for

Operator: QUESTAR EXPLORATION & PRODUCTION CO      Today's Date: 06/27/2008

Well: 43 047 37310      API Number:      Drilling Commenced:  
RWS AD-5-9-24  
9S 24E 5

List Attached

To avoid compliance action, required reports should be mailed within 7 business days to:

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

If you have questions or concerns regarding this matter, please contact Rachel Medina  
at (801) 538-5260.

cc: Well File  
Compliance File

**NOTICE OF LATE REPORTING  
DRILLING & COMPLETION INFORMATION**

**ATTACHMENT**

Operator: QUESTAR EXPLORATION & PRODUCTION CO

Today's Date: 06/27/2008

Well:	API Number:	Drilling Commenced:
TU 3-35-7-21	4304738995	11/06/2007
WV 11AD-14-8-21	4304738049	11/17/2007
NBE 8BD-26-9-23	4304739351	12/27/2007
NBE 10CD-17-9-23	4304739349	01/09/2008
CWU 16D-32-8-24	4304737278	01/10/2008
RWS 8D-5-9-24	4304737307	01/11/2008
RWS 14D-5-9-24	4304737310	01/11/2008
NBZ 11D-29-8-27	4304737240	01/13/2008
NBZ 5D-29-8-24	4304737241	01/13/2008
NBZ 4D-30-8-24	4304737229	01/14/2008
NBZ 12D-30-8-24	4304737233	01/14/2008
SCS 10C-16-15-19	4304739683	01/15/2008
WRU EIH 4AD-25-8-22	4304738636	01/21/2008
RW 04-25B	4304736982	02/05/2008
NBZ 15ML-29-8-24	4304737246	02/06/2008
RWS 16ML-5-9-24	4304737311	02/06/2008
NBZ 10ML-30-8-24	4304737232	02/07/2008
NBZ 14ML-30-8-24	4304737234	02/07/2008
FR 13P-20-14-20	4304739226	02/16/2008

43-047-37310  
59524e

UNCONTROLLED

QUESTAR

Operations Summary Report

Legal Well Name: RWS 14D-5-9-24  
 Common Well Name: RWS 14D-5-9-24  
 Event Name: COMPLETION  
 Contractor Name: Pro Petro  
 Rig Name: AIR  
 Spud Date: 1/12/2008  
 Start: 6/13/2008  
 End: 6/30/2008  
 Rig Release: 3/29/2008  
 Group:  
 Rig Number: 8

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
6/13/2008	08:00 - 18:00	10.00	STIM	2	C-PRE	START SPOTTING FRAC TANKS
6/14/2008	07:00 - 14:00	7.00	LOG	2	C-LOG	MIRU LONE WOLF ELU. MU AND RIH WITH CCL/GR/CBL/VDL LOGGING TOOLS TO PBTD OF 12,711'. PULL 200' REPEAT STRIP. GBIH TO PBTD AND PRESSURED UP TO 3,500 PSI. LOG UP TO 2,470'. BLEED PRESSURE TO ZERO AND POOH. EST. TOC 3,100'. CEMENT LOOKED GOOD. RDMO ELU.
6/15/2008	06:00 - 06:00	24.00	LOG	2	C-LOG	WAIT TO RUN SONIC LOG WITH SLB
6/16/2008	07:00 - 16:30	9.50	LOG	2	C-LOG	MIRU SLB ELU. MU AND RIH WITH SLIM SONIC LOGGING TOOL. TAG PBTD AT 12,696'. PRESSURE UP TO 1,000 PSI AND LOG UP TO SURFACE. BLEED PRESSURE TO ZERO. RDMO ELU. MIRU IPS FBE.
	16:30 - 19:30	3.00	EQT	1	C-PRE	NU 4 1/16" 10K FRAC TREE. MIRU HIGH DESERT PUMP AND TEST 4 1/2" CSG TO 10,000 PSI AND 4 1/2" X 7" ANNULUS TO 3,000 PSI. BOTH HELD GOOD.
6/17/2008	07:00 - 14:00	7.00	STIM	2	C-PRE	NU SCHOONER 4 1/16" 15K HCR AND STINGER FRAC HEAD. SET FRAC STAND.
6/18/2008	06:00 - 06:00	24.00	WOT	2	C-PRE	WAITING FOR COMPLETION SUMMARY. SET CT ANCHORS.
6/20/2008	12:00 - 15:00	3.00	LOC	5	C-PRE	MIRU OWP ELU.
	15:00 - 17:00	2.00	PERF	2	C-PERF	PERF STG #1 WITH 8- 2' GUN LOADED 3 SPF, 120* PHASE, 11 GRAM CHARGE WITH 900 PSI. SHOOT 48 HOLES FROM 12,334' TO 12,603'. SDFN
6/21/2008	06:00 - 15:00	9.00	LOC	5	C-PRE	WAIT ON SAND. MIRU HES FRAC EQUIPMENT.
	15:00 - 16:15	1.25	STIM	3	C-STIM	FRAC STAGE #1 WITH 800 GAL. 15% HCL AT 10 BPM, 2,333 BBLS SLICKWATER CARRYING 35,700 LBS# 20/40 SB EXCEL. AVG RATE= 41 BPM. AVG PSI = 7,562.
	16:15 - 18:30	2.25	PERF	2	C-PERF	PERF STG #2 WITH 8- 2' GUNS LOADED 3 SPF, 120* PHASE, 11 GRAM CHARGE. SET CFP @ 12,150' WITH 5,500 PSI. SHOOT 48 HOLES FROM 11,537' TO 12,132'.
	18:30 - 20:05	1.58	STIM	2	C-STIM	FRAC STAGE #2 WITH 800 GAL. 15% HCL AT 10 BPM, 2533 BBLS SLICKWATER CARRYING 40,000 LBS# 30/50 SB EXCEL. AVG RATE= 38.7 BPM. AVG PSI = 9,036.
	20:05 - 22:00	1.92	PERF	2	C-PERF	PERF STG #3 WITH 8- 2' GUNS LOADED 3 SPF, 120* PHASE, 11 GRAM CHARGE. SET CFP @ 11,408' WITH 5,000 PSI. SHOOT 48 HOLES FROM 10,694' TO 11,381'.
6/22/2008	06:00 - 07:15	1.25	STIM	3	C-STIM	FRAC STAGE #3 WITH 800 GAL. 15% HCL AT 10 BPM, 2,465 BBLS SLICKWATER CARRYING 39,986 LBS# 30/50 SB EXCEL. AVG RATE= 42.6 BPM. AVG PSI = 7,877.
	07:15 - 09:15	2.00	PERF	2	C-PERF	PERF STG #4 WITH 8- 2' GUNS LOADED 3 SPF, 120* PHASE, 11 GRAM CHARGE. SET CFP @ 10,620' WITH 4,900 PSI. SHOOT 48 HOLES FROM 10,179' TO 10,598'.
	09:15 - 10:30	1.25	STIM	2	C-STIM	FRAC STAGE #4 WITH 800 GAL. 15% HCL AT 10 BPM, 2,414 BBLS SLICKWATER CARRYING 39,926 LBS# 30/50 SB EXCEL. AVG RATE= 44.9 BPM. AVG PSI = 6,595.
	10:30 - 11:45	1.25	PERF	2	C-PERF	PERF STG #5 WITH 8- 2' GUNS LOADED 3 SPF, 120* PHASE, 11 GRAM CHARGE. SET CBP @ 9,288' WITH 4,200 PSI. SHOOT 48 HOLES FROM 8,926' TO 9,268'.
	11:45 - 13:00	1.25	STIM	3	C-STIM	FRAC STAGE #5 WITH 800 GAL. 15% HCL AT 10 BPM, 2,526 BBLS SLICKWATER CARRYING 48,458 LBS# 30/50 SB EXCEL. AVG RATE= 44.8 BPM. AVG PSI = 4,923.
	13:00 - 14:15	1.25	PERF	2	C-PERF	PERF STG #6 WITH 8- 2' GUNS LOADED 3 SPF, 120* PHASE, 11 GRAM CHARGE. SET CFP @ 8,700' WITH 3,000 PSI. SHOOT 48 HOLES FROM 8,326' TO 8,677'.
	14:15 - 15:45	1.50	STIM	2	C-STIM	FRAC STAGE #6 WITH 800 GAL. 15% HCL AT 10 BPM, 3,040 BBLS

RECEIVED  
JUL 08 2008

**Operations Summary Report**

Legal Well Name: RWS 14D-5-9-24  
 Common Well Name: RWS 14D-5-9-24  
 Event Name: COMPLETION  
 Contractor Name: Pro Petro  
 Rig Name: AIR

Spud Date: 1/12/2008  
 Start: 6/13/2008  
 End: 6/30/2008  
 Rig Release: 3/29/2008  
 Group:  
 Rig Number: 8

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
6/22/2008	14:15 - 15:45	1.50	STIM	2	C-STIM	SLICKWATER CARRYING 67,501 LBS# 20/40 SB EXCEL. AVG RATE= 44.4 BPM. AVG PSI = 5,109.
	15:45 - 16:45	1.00	PERF	2	C-PERF	PERF STG #7 WITH 8 - 2' GUNS LOADED 3 SPF, 120* PHASE, 11 GRAM CHARGE. SET CFP @ 4,740' WITH 3,200 PSI. SHOOT 48 HOLES FROM 4,430' TO 4,712'.
	16:45 - 17:15	0.50	STIM	2	C-STIM	FRAC STAGE #7 WITH 800 GAL. 15% HCL AT 10 BPM, 553 BBLS X-LINKED GEL FLUID CARRYING 46,900 LBS# 20/40 SB EXCEL. AVG RATE= 44.0 BPM. AVG PSI = 5,431.
	17:15 - 20:00	2.75	LOC	4	C-POST	RDMO HES & OWP ELU.
6/23/2008	06:00 - 20:00	14.00	DRL	6	C-STIM	MIRU IPS CTU, GCDOE AND SPIRIT FLUIDS. LOAD CT WITH 70* WATER. MU QES 2 7/8" MOTOR/JARS WITH 3.625" 5-BLADE JUNK MILL. TEST STACK TO 8,000 PSI. RIH AND DRILL OUT 6 PLUGS IN 6 HOURS. TAG PBT D AT 12,711'. PUMP FINAL 10 BBLS SWEEP AND POOH. RDMO IPS CTU,GCDOE & SPIRIT FLUIDS. FLOWING TO SALES THRU IPS FBE.
6/24/2008	06:00 - 06:00	24.00	DRL	6	C-STIM	FLOWING TO SALES THRU IPS FBE.
6/25/2008	06:00 - 06:00	24.00	DRL	6	C-STIM	FLOWING TO SALES THRU IPS FBE.
6/26/2008	06:00 - 06:00	24.00	DRL	6	C-STIM	FLOWING TO SALES THRU IPS FBE.
6/27/2008	06:00 - 06:00	24.00	DRL	6	C-STIM	FLOWING TO SALES THRU IPS FBE. RD IPS FBE
6/30/2008	06:00 - 06:00	24.00	DRL	6	C-STIM	ND FRAC TREE, SENT IN TO CAMERON FOR INSPECTION.

**CONFIDENTIAL**

43.047.37310

Questar E & P

Page 2 of 5

### Operations Summary Report

Well Name: RWS 14D-5-9-24  
Location: 5- 9-S 24-E 26  
Rig Name: UNIT

Spud Date: 1/12/2008  
Rig Release: 6/7/2008  
Rig Number: 234

Date	From - To	Hours	Code	Sub Code	Description of Operations
5/17/2008	17:00 - 21:30	4.50	DRL	1	DRILL F/4505-4850
	21:30 - 00:00	2.50	WCL	1	CIRCULATE THROUGH CHOKE AND MUD UP TO KILL WELL. HAD 40-55 FT FLARE WITH 7660 UNITS OF GAS, MUDDING UP SYSTEM AND RETURNED TO DRILLING WITH 8.9 MUD WEIGHT
	00:00 - 05:00	5.00	DRL	1	DRILL F/4850-5109
	05:00 - 05:30	0.50	SUR	1	SURVEY @ 5109
	05:30 - 06:00	0.50	DRL	1	DRILL F/5109-5130
5/18/2008	06:00 - 16:30	10.50	DRL	1	DRILL F/5130-5464
	16:30 - 20:00	3.50	TRP	10	TRIP OUT FOR BIT #2
	20:00 - 21:00	1.00	RIG	1	RIG AND TOP DRIVE SERVICE
	21:00 - 00:30	3.50	TRP	10	PICK UP BIT AND .15 RPG HUNTING MOTOR AND TRIP IN HOLE
	00:30 - 01:00	0.50	REAM	1	SAFETY REAM 60 FT TO BOTTOM, 7 FT OF FILL
	01:00 - 04:00	3.00	DRL	1	DRILL F/5464-5591
	04:00 - 04:30	0.50	SUR	1	SURVEY @ 5530
5/19/2008	04:30 - 06:00	1.50	DRL	1	DRILL F/5591-5700
	06:00 - 12:00	6.00	DRL	1	DRILL F/5700-6062
	12:00 - 12:30	0.50	SUR	1	SURVEY @ 6000
	12:30 - 15:00	2.50	DRL	1	DRILL F/6000-6156
	15:00 - 16:00	1.00	RIG	1	RIG AND TOP DRIVE SERVICE
	16:00 - 21:00	5.00	DRL	1	DRILL F/6156-6344
	21:00 - 21:30	0.50	SUR	1	SURVEY @ 6280
5/20/2008	21:30 - 05:30	8.00	DRL	1	DRILL F/6344-6535
	05:30 - 06:00	0.50	SUR	1	SURVEY AT 6470
	06:00 - 06:30	0.50	SUR	1	SURVEY @ 6470
	06:30 - 14:00	7.50	DRL	1	DRILL F/6535-6725
	14:00 - 14:30	0.50	SUR	1	SURVEY @ 6659
	14:30 - 19:00	4.50	DRL	1	DRILL F/6725-6815
	19:00 - 00:30	5.50	TRP	10	TRIP FOR BIT #3
5/21/2008	00:30 - 01:30	1.00	RIG	6	CUT DRILLING LINE AT THE CASING SHOE ON THE WAY IN THE HOLE
	01:30 - 04:00	2.50	TRP	10	TRIP IN HOLE
	04:00 - 04:30	0.50	REAM	1	SAFETY REAM 90 FT TO BOTTOM, 8 FT OF FILL
	04:30 - 06:00	1.50	DRL	1	DRILL F/6815-6870
	06:00 - 09:30	3.50	DRL	1	DRILL F/6870-7006
	09:30 - 10:00	0.50	SUR	1	SURVEY @ 6940
	10:00 - 16:30	6.50	DRL	1	DRILL F/7006-7194
5/22/2008	16:30 - 17:30	1.00	RIG	1	RIG AND TOP DRIVE SERVICE
	17:30 - 06:00	12.50	DRL	1	DRILL F/7194-7400
	06:00 - 11:00	5.00	DRL	1	DRLG F/ 7400-7479 DRLG @ 15.8 FT HR
	11:00 - 12:00	1.00	SUR	1	CIRC. & SURVEY @ 7419- 2.0 INC. 78.17 AZ.
5/23/2008	12:00 - 13:00	1.00	RIG	1	RIG SERVICE & SERVICE TOP DRIVE CHANGE FAN BELTS ON TOP DRIVE MOTOR
	13:00 - 06:00	17.00	DRL	1	DRLG F/ 7479- 7940 DRLG @ 27.11 FT HR
	06:00 - 07:00	1.00	DRL	1	DRLG F/ 7940-7949 DRLG @ 9 FT HR
	07:00 - 08:00	1.00	SUR	1	CIRC & SURVEY @ 7885-2.5 INC.-91.97 AZ.
	08:00 - 11:00	3.00	DRL	1	DRLG F/ 7949-8008 DRLG @ 19.66 FT HR
	11:00 - 12:00	1.00	RIG	1	RIG WENT DOWN MAIN FUEL FILTER CANNISTER WAS PLUGGED & LOST FUEL PRESSURE TO GENERATORS & CHANGED FUEL FILTERS & GOT RIG GOING AGAIN.
	12:00 - 17:00	5.00	DRL	1	DRLG F/ 8008 -8079 DRG @ 14.2 FT HR
5/24/2008	17:00 - 17:30	0.50	RIG	1	RIG SERVICE & SERVICE TOP DRIVE
	17:30 - 06:00	12.50	DRL	1	DRLG F/ 8079 -8325 DRLG @ 19.68 FT HR
	06:00 - 07:00	1.00	DRL	1	DRLG F/ 8325-8410 DRLG @ 85 FT HR -SHORT ONE HAND
	07:00 - 09:00	2.00	CIRC	1	CIRC. & COND F/ SHORT TRIP

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### Operations Summary Report

Well Name: RWS 14D-5-9-24  
 Location: 5- 9-S 24-E 26  
 Rig Name: UNIT

Spud Date: 1/12/2008  
 Rig Release: 6/7/2008  
 Rig Number: 234

Date	From - To	Hours	Code	Sub Code	Description of Operations
5/24/2008	09:00 - 14:30	5.50	TRP	14	SHORT TRIP TO SHOE & BACK TO BTM.
	14:30 - 15:00	0.50	REAM	1	WASH & REAM 95' TO BTM.
	15:00 - 19:00	4.00	CIRC	1	CIRC & COND F/ LOGS - SPOT ECD& TRIP SLUG
	19:00 - 23:00	4.00	TRP	2	DROP SURVEY & TRIP F/ LOGS (SLM) 8410.73
	23:00 - 00:00	1.00	TRP	1	L/D MONEL & MTR.
	00:00 - 01:00	1.00	LOG	1	HELD SAFETY MTG. & R/U HALLIBURTON LOGGING
	01:00 - 05:00	4.00	LOG	1	#1 RUN- TRIPLE-COMBO
5/25/2008	05:00 - 06:00	1.00	LOG	1	R/D HALLIBURTON
	06:00 - 10:30	4.50	TRP	2	TRIP IN HOLE TO L/D DRILL PIPE
	10:30 - 14:00	3.50	CIRC	1	CIRC & COND F/ CASING
	14:00 - 14:30	0.50	CSG	1	HELD SAFETY MEETING & R/U L/D MACHINE
	14:30 - 22:00	7.50	TRP	3	PUMP PILL & TRIP OUT-L/D 5" DRILL PIPE & BHA
	22:00 - 23:00	1.00	BOP	1	PULL WEAR BUSHING
	23:00 - 00:00	1.00	CSG	1	HELD SAFETY MEETING & R/U CASING TOOLS
5/26/2008	00:00 - 06:00	6.00	CSG	2	RUN 26# 7" CASING
	06:00 - 07:00	1.00	CSG	2	RUN 7 CASING - 186 JNT 7" -26#,HCP110,SET @ 8400
	07:00 - 09:00	2.00	CIRC	1	CIRC & COND. F/ CEMENT
	09:00 - 13:00	4.00	WHD	1	STING OUT OF HANGER ,P/U PACK OFF ASSEMBLE, ATTEMPT TO SET NOT GOING DOWN ALL THE WAY PULL OUT & LOOK @ IT COULD NOT SEE ANY THING THE FIRST TIME ,RUN IT BACK IN STILL WOULD NOT SET RIGHT, PULL BACK OUT AND UNSCREW PACKOFF ASEMBLE PACKOFF ASEMBLE FOUND THAT A SNAP RING ON THE INSIDE WAS HANGING UP, STUNG BACK INTO CASING TO CIRC.
	13:00 - 14:00	1.00	CIRC	1	CIRC. & COND WHILE WAITING ON ANOTHER PACKOFF ASEMBLE FROM TOWN
	14:00 - 15:00	1.00	BOP	2	RUN IN SECOND PACKOFF ASEMBLE, PACK OFF AND TEST TO ( 6000 PSI F/ 10MIN ) HELD OK
	15:00 - 16:00	1.00	CMT	1	HELD SAFETY MEETING & R/U HALLIBURTON
	16:00 - 20:00	4.00	CMT	2	CEMENT W/ HALLIBURTON-PUMPED 10 BBLS FRESH WATER,20BBLS SUPER FLUSH,10BBLS FRESH WATER, 215SKS 11PPG. HI-FILL LEAD,835SKS13.5PPG 50/50 POZ PREMIUM TAIL,DISPLACE 315 BBLS KCL MUD, SWITCHING F/ LEAD TO TAIL PUMP TRUCK HAD PROBLE W/CEMENT MIXING HEAD & HAD TO WORK IT MANUALLY BUMPED PLUG 500PSI OVER 1300/1800 HELD F/ 30 MIN FLOATS HELD FLOWED BACK 2BBLS LOST FULL RETURNS SOON AFTER CEMENT HIT SURFACE 60 BBLS LEFT ON DISPLACEMENT
	20:00 - 20:30	0.50	CMT	1	R/D HALLIBURTON
	20:30 - 03:00	6.50	BOP	2	TEST BOPS-UPPER,LOWER,PIPES (250 PSI LOW-10000 PSI HIGH),BLINDS,MANUAL VALVES, CHOKE MANIFOLD,HCR ( 205 PSI LOW 10000PSI HIGH), ANNULAR ( 250 PSI LOW 5000 PSI HIGH), FLOOR VALVES & TOP DRIVE ( 250 PSI LOW 10000 PSI HIGH) CASING F/ 30 MIN 1500 PSI
5/27/2008	03:00 - 04:00	1.00	BOP	1	INSTALL WEAR BUSHING
	04:00 - 06:00	2.00	TRP	1	STRAP BHA & DRILL PIPE & CHANGE LINERS IN MUD PUMPS
	06:00 - 06:30	0.50	TRP	1	SURFACE TEST MTR
	06:30 - 07:30	1.00	RIG	1	RIG SERVICE & SERVICE TOPDRIVE
	07:30 - 08:30	1.00	TRP	1	HELD SAFETY MTG & RIG UP L/D MACHINE ROCKY MTN.
	08:30 - 17:30	9.00	TRP	1	P/U BHA & 4" DRILL PIPE
	17:30 - 18:00	0.50	BOP	1	INSTALL ROTATING HEAD RUBBER
	18:00 - 20:00	2.00	DRL	4	DRLG SHOE TRACK
	20:00 - 20:30	0.50	DRL	1	DRLG F/ 8410-8420
	20:30 - 21:00	0.50	EQT	2	CIRC & DO FIT TEST W/ 11.1PPG,1105 PSI 13.6PPG EMW
5/28/2008	21:00 - 06:00	9.00	DRL	1	DRLG F/ 8420- 9027
	06:00 - 13:30	7.50	DRL	1	DRLG F/ 9027-9574 DRLG @ 72.93 FT HR
	13:30 - 14:00	0.50	RIG	1	RIG SERVICE & SERVICE TOP DRIVE

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### Operations Summary Report

Well Name: RWS 14D-5-9-24  
 Location: 5- 9-S 24-E 26  
 Rig Name: UNIT

Spud Date: 1/12/2008  
 Rig Release: 6/7/2008  
 Rig Number: 234

Date	From - To	Hours	Code	Sub Code	Description of Operations
5/28/2008	14:00 - 21:30	7.50	DRL	1	DRLG F/9574-10297 DRLG @ 96.4 FT HR
	21:30 - 23:30	2.00	RIG	2	WORK ON TOP DRIVE POWER UNIT ELECTRICAL SHORT HAD LOOSE WIRE & CHANGED A FUSE
5/29/2008	23:30 - 06:00	6.50	DRL	1	DRLG F/ 10297-10968 DRLG @ 103.23 FT HR
	06:00 - 09:30	3.50	DRL	1	DRLG F/ 10968-11255 DRLG @ 82 FT HR
	09:30 - 10:30	1.00	RIG	1	RIG SERVICE & SERVICE TOP DRIVE CHANGE SAVER SUB
	10:30 - 06:00	19.50	DRL	1	DRLG F/ 11255-12435 DRLG @ 60 FT HR
5/30/2008	06:00 - 08:30	2.50	DRL	1	DRLG F/ 12435- 12484 DRLG @ 19.6 FT HR
	08:30 - 10:00	1.50	CIRC	1	CIRC & COND F/ TRIP
	10:00 - 15:00	5.00	DRL	1	DRLG F/ 12484-12518 DRLG @ 6.8 FT HR
	15:00 - 16:30	1.50	CIRC	1	CIRC & SPOT ECD PILL
	16:30 - 01:30	9.00	TRP	10	TRIP OUT F/ BIT- WORK TIGHT HOLE F/ 12424-11481 - HAVE ONE EXTRA JT OF DRILL PIPE IN STRING
	01:30 - 04:00	2.50	TRP	1	CHANGE OUT MOTORS SURFACE TEST NEW SS170 MOTOR @ 100 GAL. (282 PSI-DOWN TO 226 PSI
5/31/2008	04:00 - 06:00	2.00			TRIP IN HOLE (SLM)
	06:00 - 08:30	2.50	TRP	2	TRIP IN TO SHOE FILL PIPE @ 4000 & SHOE (SLM)
	08:30 - 10:00	1.50	RIG	6	SLIP & CUT DRLG LINE
	10:00 - 11:00	1.00	RIG	1	RIG SERVICE & SERVICE TOP DRIVE-REPLACE GRABBER DIES & FIX GREASE ZERKS IN DRAWWORKS
	11:00 - 14:00	3.00	RIG	2	RIG REPAIR- CHANGE WEAR PLATE IN # 2 MUD PUMP
	14:00 - 16:30	2.50	TRP	2	FINISH TRIP IN ( SLM) CHANGE HOLE DEPTH F/ 12518- 12550
	16:30 - 18:00	1.50	REAM	1	SAFETY REAM TO BTM 92' TOOK 30 BBL GAIN & 40' FLARE
	18:00 - 21:30	3.50	DRL	1	DRLG F/ 12550- 12558- STARTED LOSING RETURN ABOUT 12553
21:30 - 00:00	2.50	CIRC	1	CIRC & COND BUILD VOLUME LOST APPROX 200 BBL BYPASS SHAKERS 10% LCM IN SYSTEM	
6/1/2008	00:00 - 06:00	6.00	DRL	1	DRLG F/ 12558-12577
	06:00 - 16:00	10.00	DRL	1	DRLG F/ 12577- 12611 DRLG @ 3.4 FT HR
	16:00 - 17:00	1.00	RIG	1	RIG SERVICE & SERVICE TOP DRIVE
6/2/2008	17:00 - 06:00	13.00	DRL	1	DRLG F/ 12611 12647
	06:00 - 21:30	15.50	DRL	1	DRLG F/ 12647-12687- DRLG @ 2.58 FT HR
6/3/2008	21:30 - 23:30	2.00	RIG	2	RIG REPAIR WORK ON TOP DRIVE LOOSE WIRE IN CONTROL BOX CAUSING FUSES TO BLOW
	23:30 - 06:00	6.50	DRL	1	DRLG F/ 12687- 12705 -DRLG @ 2.77
	06:00 - 09:00	3.00	DRL	1	DRLG F/ 12705-12715 DRLG @ 3.33 FT HR
	09:00 - 10:00	1.00	RIG	1	RIG SERVICE & SERVICE TOPDRIVE
	10:00 - 11:00	1.00	CIRC	1	CIRC BTMS UP & PUMP PILL
	11:00 - 13:00	2.00	TRP	15	TRIP OUT WORK TIGHT HOLE F/ 12630-12135
	13:00 - 14:30	1.50	CIRC	1	CIRC BTMS UP & SPOT 14.5 ECD PILL 80 BBLs
	14:30 - 17:00	2.50	TRP	15	TRIP OUT TO SHOE TIGHT F/ 12135-11720
	17:00 - 18:00	1.00	CIRC	1	CIRC @ SHOE & SPOT ECD PILL
	18:00 - 22:30	4.50	TRP	2	FINISH TRIP OUT TO CHANGE BHA
	22:30 - 00:00	1.50	TRP	1	L/D 3 D.C'S,MONEL,MTR & WOBBLE BIT
	00:00 - 04:00	4.00	TRP	2	P/U TRI-CONE & BIT SUB TRIP IN TO SHOE
	04:00 - 04:30	0.50	BOP	1	INSTALL ROTATING RUBBER
	04:30 - 05:30	1.00	CIRC	1	CIRC BTMS UP @ SHOE
	05:30 - 06:00	0.50	TRP	2	TRIP IN HOLE
6/4/2008	06:00 - 06:30	0.50	REAM	1	WASH & REAM F/ 9130-9220
	06:30 - 07:30	1.00	TRP	2	TRIP IN F/ 9220-12440
	07:30 - 10:00	2.50	REAM	1	WASH & REAM F/ 12440-12715
	10:00 - 11:00	1.00	CIRC	1	CIRC & COND F/ SHORT TRIP
	11:00 - 12:00	1.00	RIG	1	RIG SERVICE & SERVICE TOP DRIVE

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### Operations Summary Report

Well Name: RWS 14D-5-9-24  
 Location: 5- 9-S 24-E 26  
 Rig Name: UNIT

Spud Date: 1/12/2008  
 Rig Release: 6/7/2008  
 Rig Number: 234

Date	From - To	Hours	Code	Sub Code	Description of Operations
6/4/2008	12:00 - 12:30	0.50	TRP	14	TRY SHORT TRIP STILL PULLING TIGHT F/ 112656-12440
	12:30 - 14:00	1.50	REAM	1	WASH & REAM F/ 12440- 12715
	14:00 - 16:30	2.50	CIRC	1	CIRC&RAISE MUDWT 13.5PPG & SPOT 80 BBLs 14.7 ECD PILL
	16:30 - 21:00	4.50	TRP	2	TRIP OUT TO SHOE PULL TIGHT F/ 12632-11700 50-70 OVERPULL
	21:00 - 22:00	1.00	CIRC	1	CIRC BTMS UP @ SHOE & SPOT 40BBL 14.5 PPG
	22:00 - 02:30	4.50	TRP	2	FINISH TRIP OUT
	02:30 - 03:00	0.50			HELD SAFETY MTG W/ HALLIBURTON
	03:00 - 04:00	1.00	LOG	1	R/U HALLIBURTON LOGGING
	04:00 - 06:00	2.00	LOG	1	LOG W/ HALLIBURTON RUN # 1 TRIPLE-COMBO BTM OUT @ 10704
	6/5/2008	06:00 - 07:30	1.50	LOG	1
07:30 - 08:00		0.50	LOG	1	OPEN HOLE LOGS W/HALLIBURTON, LOGS STOPPED AT 10704 AND PULLED TIGHT AT 10480'. HOLE WAS STICKY COMING OUT WITH TOOL.
08:00 - 11:30		3.50	TRP	2	RIGGED DOWN LOGGERS
11:30 - 13:00		1.50	CIRC	1	TRIP IN TO SHOE
13:00 - 15:00		2.00	TRP	2	CIRCULATE OUT WEIGHTED PILL
15:00 - 18:00		3.00	REAM	1	TRIP IN TO 12335' HOLE LOOKED GOOD, NO TIGHT SPOTS
18:00 - 20:00		2.00	CIRC	1	SAFETY REAM 380 FT TO BOTTOM, REAMING TOOK 3-5000 LBS ON BIT
20:00 - 22:30		2.50	TRP	14	CIRCULATE AND CONDITION FOR WIPER TRIP
22:30 - 00:30		2.00	REAM	1	SHORT TRIP 6 STDS
00:30 - 04:00		3.50	CIRC	1	SAFETY REAM 380 FT TO BOTTOM
6/6/2008	04:00 - 05:00	1.00	TRP	3	CIRCULATE AND CONDITION FOR 4.5" CASING
	05:00 - 06:00	1.00	TRP	3	HELD PRE-JOB SAFETY MEETING AND RIGGED UP LAY DOWN MACHINE
	06:00 - 07:30	1.50	TRP	3	PUMP 12 SINGLES OUT OF HOLE
	07:30 - 10:00	2.50	CIRC	1	SINGLE OUT JOINTS TO 12335
	10:00 - 13:00	3.00	TRP	3	CIRCULATE OUT GAS, SPOT 100 BBL, 14.6# PILL ON BOTTOM AND DRY JOB
	13:00 - 14:30	1.50	CIRC	1	LAY DOWN DRILL STRING TO 8400 FT (CASING SHOE)
	14:30 - 20:30	6.00	TRP	3	SPOT 70 BBL 14.5# PILL AT SHOE AND PUMP 30 BBL DRY JOB
	20:30 - 21:00	0.50	OTH		LAY DOWN DRILL STRING
	21:00 - 23:00	2.00	CSG	1	PULL WEAR BUSHING
	23:00 - 06:00	7.00	CSG	2	HOLD SAFETY MEETING, RIG UP FILL TOOL AND CASING CREW
6/7/2008	06:00 - 12:30	6.50	CSG	2	RUN 4.5" CASING TO 5000 FT
	12:30 - 14:00	1.50	CSG	2	RUN CASING TO 12265
	14:00 - 15:30	1.50	CIRC	1	WASH DOWN 450 FT OF CASING TO 12715 FT, LANDED AT 12713 FT
	15:30 - 18:00	2.50	CMT	2	CIRCULATE AND CUT MUD WT TO 13.3 PPG
	18:00 - 18:30	0.50	CMT	1	CEMENT 4.5 CASING, BUMPED PLUG WITH 500 PSI OVER AT 17:35 HRS AND HELD PRESSURE FOR .5 HRS, FLOATS HELD.
	18:30 - 00:00	5.50	CSG	7	RIG DOWN CEMENTERS
	00:00 - 02:00	2.00	BOP	1	SET CASING SLIP, CLEAN TANKS
	02:00 - 06:00	4.00	LOC	4	NIPPLE DOWN BOPE AND CLEAN TANKS
					RIG DOWN AND GET READY FOR TRUCKS

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Operations Summary Report - COMPLETION

Well Name: RWS 14D-5-9-24  
 Location: 5-9-S 24-E 26  
 Rig Name: AIR

Spud Date: 1/12/2008  
 Rig Release: 3/29/2008  
 Rig Number: 8

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Date	From - To	Hours	Code	Sub Code	Description of Operations
6/13/2008	08:00 - 18:00	10.00	STIM	2	START SPOTTING FRAC TANKS
6/14/2008	07:00 - 14:00	7.00	LOG	2	MIRU LONE WOLF ELU. MU AND RIH WITH CCL/GR/CBL/VDL LOGGING TOOLS TO PBTD OF 12,711'. PULL 200' REPEAT STRIP. GBIH TO PBTD AND PRESSURED UP TO 3,500 PSI. LOG UP TO 2,470'. BLEED PRESSURE TO ZERO AND POOH. EST. TOC 3,100'. CEMENT LOOKED GOOD. RDMO ELU.
6/15/2008	06:00 - 06:00	24.00	LOG	2	WAIT TO RUN SONIC LOG WITH SLB
6/16/2008	07:00 - 16:30	9.50	LOG	2	MIRU SLB ELU. MU AND RIH WITH SLIM SONIC LOGGING TOOL. TAG PBTD AT 12,696'. PRESSURE UP TO 1,000 PSI AND LOG UP TO SURFACE. BLEED PRESSURE TO ZERO. RDMO ELU. MIRU IPS FBE.
	16:30 - 19:30	3.00	EQT	1	NU 4 1/16" 10K FRAC TREE. MIRU HIGH DESERT PUMP AND TEST 4 1/2" CSG TO 10,000 PSI AND 4 1/2" X 7" ANNULUS TO 3,000 PSI. BOTH HELD GOOD.
6/17/2008	07:00 - 14:00	7.00	STIM	2	NU SCHOONER 4 1/16" 15K HCR AND STINGER FRAC HEAD. SET FRAC STAND.
6/18/2008	06:00 - 06:00	24.00	WOT	2	WAITING FOR COMPLETION SUMMARY. SET CT ANCHORS.
6/20/2008	12:00 - 15:00	3.00	LOC	5	MIRU OWP ELU.
	15:00 - 17:00	2.00	PERF	2	PERF STG #1 WITH 8- 2' GUN LOADED 3 SPF, 120* PHASE, 11 GRAM CHARGE WITH 900 PSI. SHOOT 48 HOLES FROM 12,334' TO 12,603'. SDFN
6/21/2008	06:00 - 15:00	9.00	LOC	5	WAIT ON SAND. MIRU HES FRAC EQUIPMENT.
	15:00 - 16:15	1.25	STIM	3	FRAC STAGE #1 WITH 800 GAL. 15% HCL AT 10 BPM, 2,333 BBLS SLICKWATER CARRYING 35,700 LBS# 20/40 SB EXCEL. AVG RATE= 41 BPM. AVG PSI = 7,562.
	16:15 - 18:30	2.25	PERF	2	PERF STG #2 WITH 8- 2' GUNS LOADED 3 SPF, 120* PHASE, 11 GRAM CHARGE. SET CFP @ 12,150' WITH 5,500 PSI. SHOOT 48 HOLES FROM 11,537' TO 12,132'.
	18:30 - 20:05	1.58	STIM	2	FRAC STAGE #2 WITH 800 GAL. 15% HCL AT 10 BPM, 2533 BBLS SLICKWATER CARRYING 40,000 LBS# 30/50 SB EXCEL. AVG RATE= 38.7 BPM. AVG PSI = 9,036.
	20:05 - 22:00	1.92	PERF	2	PERF STG #3 WITH 8- 2' GUNS LOADED 3 SPF, 120* PHASE, 11 GRAM CHARGE. SET CFP @ 11,408' WITH 5,000 PSI. SHOOT 48 HOLES FROM 10,694' TO 11,381'.
6/22/2008	06:00 - 07:15	1.25	STIM	3	FRAC STAGE #3 WITH 800 GAL. 15% HCL AT 10 BPM, 2,465 BBLS SLICKWATER CARRYING 39,986 LBS# 30/50 SB EXCEL. AVG RATE= 42.6 BPM. AVG PSI = 7,877.
	07:15 - 09:15	2.00	PERF	2	PERF STG #4 WITH 8- 2' GUNS LOADED 3 SPF, 120* PHASE, 11 GRAM CHARGE. SET CFP @ 10,620' WITH 4,900 PSI. SHOOT 48 HOLES FROM 10,179' TO 10,598'.
	09:15 - 10:30	1.25	STIM	2	FRAC STAGE #4 WITH 800 GAL. 15% HCL AT 10 BPM, 2,414 BBLS SLICKWATER CARRYING 39,926 LBS# 30/50 SB EXCEL. AVG RATE= 44.9 BPM. AVG PSI = 6,595.
	10:30 - 11:45	1.25	PERF	2	PERF STG #5 WITH 8- 2' GUNS LOADED 3 SPF, 120* PHASE, 11 GRAM CHARGE. SET CBP @ 9,288' WITH 4,200 PSI. SHOOT 48 HOLES FROM 8,926' TO 9,268'.
	11:45 - 13:00	1.25	STIM	3	FRAC STAGE #5 WITH 800 GAL. 15% HCL AT 10 BPM, 2,526 BBLS SLICKWATER CARRYING 48,458 LBS# 30/50 SB EXCEL. AVG RATE= 44.8 BPM. AVG PSI = 4,923.
	13:00 - 14:15	1.25	PERF	2	PERF STG #6 WITH 8- 2' GUNS LOADED 3 SPF, 120* PHASE, 11 GRAM CHARGE. SET CFP @ 8,700' WITH 3,000 PSI. SHOOT 48 HOLES FROM 8,326' TO 8,677'.
	14:15 - 15:45	1.50	STIM	2	FRAC STAGE #6 WITH 800 GAL. 15% HCL AT 10 BPM, 3,040 BBLS SLICKWATER CARRYING 67,501 LBS# 20/40 SB EXCEL. AVG RATE= 44.4 BPM. AVG PSI = 5,109.
	15:45 - 16:45	1.00	PERF	2	PERF STG #7 WITH 8- 2' GUNS LOADED 3 SPF, 120* PHASE, 11 GRAM CHARGE. SET CFP @ 4,740' WITH 3,200 PSI. SHOOT 48 HOLES FROM 4,430'

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Printed: 9/15/2008 1:48:39 PM

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## Operations Summary Report

Well Name: RWS 14D-5-9-24  
 Location: 5-9-S 24-E 26  
 Rig Name: AIR

Spud Date: 1/12/2008  
 Rig Release: 3/29/2008  
 Rig Number: 8

Date	From - To	Hours	Code	Sub Code	Description of Operations
6/22/2008	15:45 - 16:45	1.00	PERF	2	TO 4,712'.
	16:45 - 17:15	0.50	STIM	2	FRAC STAGE #7 WITH 800 GAL. 15% HCL AT 10 BPM, 553 BBLS X-LINKED GEL FLUID CARRYING 46,900 LBS# 20/40 SB EXCEL. AVG RATE= 44.0 BPM. AVG PSI = 5,431.
	17:15 - 20:00	2.75	LOC	4	RDMO HES & OWP ELU.
6/23/2008	06:00 - 20:00	14.00	DRL	6	MIRU IPS CTU, GCDOE AND SPIRIT FLUIDS. LOAD CT WITH 70* WATER. MU QES 2 7/8" MOTOR/JARS WITH 3.625" 5-BLADE JUNK MILL. TEST STACK TO 8,000 PSI. RIH AND DRILL OUT 6 PLUGS IN 6 HOURS. TAG PBTD AT 12,711'. PUMP FINAL 10 BBLS SWEEP AND POOH. RDMO IPS CTU,GCDOE & SPIRIT FLUIDS. FLOWING TO SALES THRU IPS FBE.
6/24/2008	06:00 - 06:00	24.00	DRL	6	FLOWING TO SALES THRU IPS FBE.
6/25/2008	06:00 - 06:00	24.00	DRL	6	FLOWING TO SALES THRU IPS FBE.
6/26/2008	06:00 - 06:00	24.00	DRL	6	FLOWING TO SALES THRU IPS FBE.
6/27/2008	06:00 - 06:00	24.00	DRL	6	FLOWING TO SALES THRU IPS FBE. RD IPS FBE
6/30/2008	06:00 - 06:00	24.00	DRL	6	ND FRAC TREE, SENT IN TO CAMERON FOR INSPECTION.

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Operations Summary Report - DEILLIN G

Well Name: RWS 14D-5-9-24  
 Location: 5- 9-S 24-E 26  
 Rig Name: UNIT

Spud Date: 1/12/2008  
 Rig Release: 6/7/2008  
 Rig Number: 234

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Date	From - To	Hours	Code	Sub Code	Description of Operations	
3/29/2008	06:00 - 15:30	9.50	LOC	4	MOVE IN RIG UP.	
	15:30 - 00:00	8.50	DRL	1	DRILL 12 1/4" HOLE FROM 40' TO 2266'. START DRILLING ON 3/29/2008 AT 15:30 HRS. TD ON 3/30/2008 AT 23:30 HOURS.	
	00:00 - 03:00	3.00	CSG	2	RUN 51 JOINTS OF 9 5/8" J-55, 36#, ST&C CASING AS FOLLOWS. SHOE AT 2236', FLOAT AT 2190'. RAN 4 CENTRALIZERS 3 ON BOTTOM AND ONE AT 87'.	
	03:00 - 06:00	3.00	CMT	2	CEMENT AS FOLLOWS: LOAD HOLE WITH 165 BBL WATER, PUMP 20 BBL GEL SPACER. TAIL 265 SK, 54 BBL 15.8#. SWITCH TO TOP JOB #1 185 SK, 37.8 BBL 15.8#. #2 TOP OUT-10 SK, 15.8#, 20.4 BBL. #3 TOP OUT 170 SK 34.8 BBL 15.8#. ALL TOP OUTS HAD 4% CACL2. PLUG BUMPED, FLOAT HELD, NO RETURNS OR CEMENT TO SURFACE.	
5/9/2008	06:00 - 21:00	15.00	LOC	4	RIGGED DOWN TOPDRIVE, SERVICE LOOP, FLOOR, LAID DERRICK OVER AND UNSTRUNG BLOCKS, READIED DERRICK FOR TRUCKS.	
5/10/2008	21:00 - 06:00	9.00	OTH		RIG IDLE	
	06:00 - 18:00	12.00	LOC	3	RIG DOWN AND MOVE RIG WITH KUHR TRUCKING; TRAILERS, C-CANS, 4" PIPE AND A COUPLE MISC LOADS LEFT ON OLD LOCATION. PREMIX, MUD TANKS GEN HOUSES, FUEL TANK, PARTS HOUSES AND SCR HOUSE ARE SET ON NEW LOCATION.	
5/11/2008	18:00 - 06:00	12.00	OTH		RIG IDLE	
	06:00 - 20:00	14.00	LOC	3	MOVE IN AND RIG UP RIG, DONE WITH TRUCKS. DERRICK IS ON THE STAND, BLOCKS ARE NOT STRUNG UP-35% RIGGED UP.	
	20:00 - 06:00	10.00	OTH		RIG IDLE-BOTH CREWS WILL BE IN AT 6:00 AM AND WILL BREAK TOUR ON MONDAY	
5/12/2008	06:00 - 18:00	12.00	LOC	4	RIGGED UP BACK END, STRUNG ALL CORDS, FIRED GENERATOR, STRUNG BLOCKS, RAISED DERRICK, STARTED RIGGING UP FLOOR. 70% RIGGED UP	
	18:00 - 06:00	12.00	OTH		RIG IDLE	
5/13/2008	06:00 - 22:00	16.00	LOC	4	RIGGED UP FLOOR, CIRC SYSTEM, TOP DRIVE TRACK AND KICK OUT, HUNG SERVICE LOOP	
	22:00 - 06:00	8.00	RIG	2	WAIT ON TOP DRIVE	
5/14/2008	06:00 - 03:00	21.00	RIG	2	RIG REPAIR, WORK ON AND WAIT ON TOP DRIVE PARTS	
	03:00 - 06:00	3.00	BOP	1	NIPPLE UP BOPE, RIG ON DAY WORK @ 0300 HRS, 5/14/2008	
5/15/2008	06:00 - 07:00	1.00	BOP	1	NIPPLE UP BOPE	
	07:00 - 14:30	7.50	BOP	2	PRESSURE TEST BOPE TO 5000 PSI	
	14:30 - 15:00	0.50	OTH		INSTALL WEAR BUSHING	
	15:00 - 20:30	5.50	TRP	2	PICK UP DRILL STRING	
	20:30 - 23:30	3.00	DRL	4	DRILL CEMENT AND FLOAT EQUIPMENT	
	23:30 - 00:00	0.50	EQT	2	RUN FIT TO 250 PSI (10.4 EMW), BLEED OFF TO 0 PSI IN 10 MINUTES	
	00:00 - 06:00	6.00	DRL	1	DRILL FROM 2256 TO 2510	
	06:00 - 07:30	1.50	DRL	1	DRILL FROM 2510-2580	
5/16/2008	07:30 - 08:30	1.00	SUR	1	SURVEY @2528	
	08:30 - 10:00	1.50	DRL	1	DRILL 2580-2712	
	10:00 - 10:30	0.50	RIG	2	REPAIR AUTO DRILLER	
	10:30 - 12:30	2.00	RIG	2	REPAIR #2 PUMP (BOTH PUMPS DOWN)	
	12:30 - 16:00	3.50	DRL	1	DRILL F/2712-3054	
	16:00 - 16:30	0.50	SUR	1	SURVEY @ 3002	
	16:30 - 17:00	0.50	DRL	1	DRILL F/3002-3151	
	17:00 - 18:00	1.00	RIG	1	RIG AND TOP DRIVE SERVICE	
	18:00 - 23:00	5.00	DRL	1	DRILL F/3151-3522	
	23:00 - 23:30	0.50	SUR	1	SURVEY @ 3466	
	23:30 - 06:00	6.50	DRL	1	DRILL F/3522-4050	
	5/17/2008	06:00 - 07:00	1.00	DRL	1	DRILL F/4050-4088
		07:00 - 07:30	0.50	SUR	1	SURVEY @ 4036
		07:30 - 16:30	9.00	DRL	1	DRILL F/4088-4557
16:30 - 17:00		0.50	SUR	1	SURVEY @ 4505	

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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.
WASATCH	4268'		
MESA VERDE	5612'		
CASTLE GATE	7902'		
BLACKHAWK	8340'		
MANCOS	8756'		
MANCOS 'B'	9204'		
FRONTIER	11520'		
DAKOTA SILT	12370'		
DAKOTA	12546'		
TD	12,715'		

38. GEOLOGIC MARKERS  
RWS 14D 5 9 24

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
WASATCH	4268'	
MESA VERDE	5612'	
CASTLE GATE	7902'	
BLACKHAWK	8340'	
MANCOS	8756'	
MANCOS 'B'	9204'	
FRONTIER	11520'	
DAKOTA SILT	12370'	
DAKOTA	12546'	
TD	12,715'	

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**RWS 14D 5-9-24  
PERFORATION DETAIL:**

Open Perfs	Stimulation					Perf Status
4430' - 4436'	Frac w/	46,900	Lbs in	23,226	Gals	Open - Wasatch
4642' - 4648'						Open - Wasatch
4700' - 4702'						Open - Wasatch
4710' - 4712'						Open - Wasatch
8326' - 8328'	Frac w/	67,501	Lbs in	127,680	Gals	Open - Blackhawk
8348' - 8350'						Open - Blackhawk
8396' - 8398'						Open - Blackhawk
8442' - 8444'						Open - Blackhawk
8564' - 8568'						Open - Blackhawk
8578' - 8580'						Open - Blackhawk
8675' - 8677'						Open - Blackhawk
8926' - 8928'	Frac w/	48,458	Lbs in	106,092	Gals	Open - Blackhawk
9016' - 9018'						Open - Blackhawk
9116' - 9118'						Open - Blackhawk
9192' - 9194'						Open - Blackhawk
9196' - 9198'						Open - Blackhawk
9206' - 9208'						Open - Mancos 'B'
9214' - 9216'						Open - Mancos 'B'
9266' - 9268'						Open - Mancos 'B'
10179' - 10181'	Frac w/	39,926	Lbs in	101,388	Gals	Open - Mancos
10212' - 10214'						Open - Mancos
10222' - 10224'						Open - Mancos
10232' - 10234'						Open - Mancos
10254' - 10256'						Open - Mancos
10472' - 10474'						Open - Mancos
10500' - 10502'						Open - Mancos
10596' - 10598'						Open - Mancos
10694' - 10696'						Frac w/
10706' - 10708'	Open - Mancos					
10821' - 10823'	Open - Mancos					
10930' - 10932'	Open - Mancos					
10988' - 10990'	Open - Mancos					
11176' - 11178'	Open - Mancos					
11274' - 11276'	Open - Mancos					
11379' - 11381'	Open - Mancos					

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11537' - 11539'						Open - Frontier
11564' - 11566'						Open - Frontier
11576' - 11578'						Open - Frontier
11666' - 11668'						Open - Frontier
11744' - 11746'	Frac w/	40,000	Lbs in	106,386	Gals	Open - Frontier
11946' - 11948'						Open - Frontier
12100' - 12102'						Open - Frontier
12130' - 12132'						Open - Frontier
12334' - 12336'						Open - Dakota
12372' - 12374'						Open - Dakota
12397' - 12399'						Open - Dakota
12558' - 12560'						Open - Dakota
12562' - 12564'	Frac w/	35,700	Lbs in	97,986	Gals	Open - Dakota
12568' - 12570'						Open - Dakota
12572' - 12574'						Open - Dakota
12601' - 12603'						Open - Dakota

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(November 1983)  
(formerly 9-330)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

(See other in-  
structions on  
reverse side).

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

1a. TYPE OF WELL

OIL WELL  GAS WELL  DRY

b. TYPE OF COMPLETION

NEW WELL  WORK OVER  DEEP-EN  PLUG BACK  DIFF. RESVR  Other \_\_\_\_\_

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5. LEASE DESIGNATION AND SERIAL NO.

UTU-73456

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

N/A

7. UNIT AGREEMENT NAME

BIG VALLEY UNIT

#UTU-81308X

8. FARM OR LEASE NAME

N/A

2. NAME OF OPERATOR

QUESTAR EXPLORATION & PRODUCTION CO.

9. WELL NO.

RWS 14D 5-9-24

3. ADDRESS OF OPERATOR.

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

DAHN CALDWELL

435-781-4342

10. FIELD AND POOL, OR WILDCAT

UNDESIGNATED

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

At surface 860' FSL, 1784' FWL, SEC 5-T9S-R24E, SESW

At top rod. interval reported below 860' FSL, 1784' FWL, SEC 5-T9S-R24E, SESW

At total depth 860' FSL, 1784' FWL, SEC 5-T9S-R24E, SESW *per HSM review*

*899 fsl 1973 fwl*

14. PERMIT NO.

43-047-37310

DATE ISSUED

12. COUNTY OR PARISH

UINTAH

13. STATE

UT

15. DATE SPUNDED

1/12/08

16. DATE T.D. REACHED

6/2/08

17. DATE COMPL. (Ready to prod.)

6/23/08

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

KB

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

12,715' 12711

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

12,710' 12706

22. IF MULTIPLE COMPL., HOW MANY\*

23. INTERVALS DRILLED BY

ROTARY TOOLS

CABLE TOOLS

X

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

SEE ATTACHMENT ONE

25. WAS DIRECTIONAL SURVEY MADE

YES

26. TYPE ELECTRIC AND OTHER LOGS RUN

CCL/GR/CBL/VDL, Array Comp True Resistivity & Comp Neutron/GR SD, DSN

27. WAS WELL CORED

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
9-5/8"	36#	2236'	12-1/4"	720 sxs	
7"	26#	8399'	8-3/4"	1050 sxs	
4-1/2"	15.1#	12713'	6-1/8"	685 sxs	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
N/A					N/A		

30. TUBING RECORD

31. PERFORATION RECORD (Interval, size and number)

SEE ATTACHMENT ONE

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
SEE ATTACHMENT ONE	SEE ATTACHMENT ONE

33.\* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping-size and type of pump)	WELL STATUS (Producing or shut-in)					
6/23/08	FLOWING	PRODUCING					
DATE OF TEST	HOURS TESTED	CHOKER SIZE	PROD'N FOR TEST PERIOD	OIL-BBL.	GAS-MCF.	WATER-BBL.	GAS-OIL RATIO
6/26/08	24	24		54	807	1674	
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL-BBL.	GAS-MCF	WATER-BBL.	OIL GRAVITY-API (CORR.)	
N/A	1150					RECEIVED	

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

SOLD

TEST WITNESSED BY

SEP 29 2008

35. LIST OF ATTACHMENTS

PERFORATION DETAIL ATTACHMENT ONE

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

SIGNED JIM SIMONTON

*Jim Simonton*

TITLE

COMPLETION SUPERVISOR

DATE

9/17/08

DIV. OF OIL, GAS & MINING

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

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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

**SUBMIT IN TRIPLICATE**

1. Type of Well  
 Oil Well     Gas Well     Other

2. Name of Operator  
**QUESTAR EXPLORATION & PRODUCTION COMPANY**

3. Address and Telephone No.  
**11002 E. 17500 S. VERNAL, UT 84078-8526**      **Contact: Mike Stahl**  
**Phone: (303) 308-3613**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
**860' FSL 1784' FWL, SESW, SECTION 5, T9S, R24E**

5. Lease Designation and Serial No.  
**UTU-73456**

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

7. If Unit or CA, Agreement Designation  
**BIG VALLEY UNIT #  
UTU-81308X**

8. Well Name and No.  
**RWS 14D-5-9-24**

9. API Well No.  
**43-047-37310**

10. Field and Pool, or Exploratory Area  
**UNDESIGNATED**

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

**CONFIDENTIAL**

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
<b>COPY SENT TO OPERATOR</b>	<input type="checkbox"/> Casing Repair
<b>Date: 11/6/2008</b>	<input type="checkbox"/> Altering Casing
<b>Initials: KS</b>	<input checked="" type="checkbox"/> Other <u>Commingling</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)

**"In compliance with the stated objectives of the Federal Regulations for Onshore Oil & Gas Operations and the applicable Federal Unit Agreement, Questar Exploration and Production Company hereby requests the commingling of production between intervals in the RWS 14D-5-9-24. Questar considers this commingling to be in the public interest in that it promotes maximum ultimate economic recovery, prevents waste, provides for orderly and efficient production of oil and gas and presents no detrimental effects from commingling the two gas streams.**

**Questar requests approval for the commingling of production between the Dakota and Wasatch formations. Based upon offset production logs, the proposed initial allocation is as follows: Dakota - 10%, Mancos - 40%, Wasatch - 50%.  
A production log will be run within 30 days to determine contribution from each interval. At that time a Subsequent Report will be filed detailing the results of the production log.**

**After the well has produced for a period of 6 to 9 months, Questar shall prepare and submit to the BLM, Questar will then submit an application for the formation (or expansion if necessary) of a single participating area covering the Wasatch, mancos and Dakota formations consolidated to cover all 3 formations.**

**On an annual basis the gas will be sampled and a determination will be made of the BTU content and gas constituents. These annual samples can be used to determine if the gas allocation is changing over time. If these samples do not indicate that any adjustments in allocation are necessary they may be discontinued after the fifth anniversary of the initial production.**

14. I hereby certify that the foregoing is true and correct.  
 Signed *Auna Bill* Title Associate Regulatory Affairs Analyst Date 06/24/2008

(This space for Federal or State office use)  
 Approved by: *[Signature]* Title Pet. Eng. Date 11/3/08  
 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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**OCT 09 2008**  
**CONFIDENTIAL**  
 DIV. OF OIL, GAS & MINING  
 \*See instruction on Reverse Side  
 Federal Approval of This Action Is Necessary

AFFIDAVIT OF NOTICE

STATE OF COLORADO )  
COUNTY OF DENVER ) ss:

Chad W. Matney, being duly sworn, deposes and says:

- 1. That I am employed by Questar Exploration and Production Company in the capacity as a Landman. My business address is:

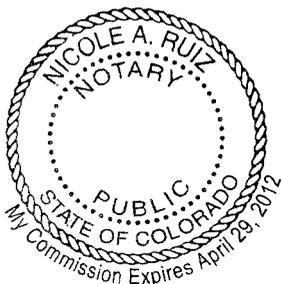
Independence Plaza  
1050 17<sup>th</sup> Street, Suite 500  
Denver, CO 80265

- 2. In my capacity as a Landman, pursuant to the provisions of Utah Administrative Rule 649-3-22, I have provided a copy of Questar Exploration and Production Company's application for completion of the RWS 14D-5-9-24 well into two or more pools, in the form of Utah Division of Oil, Gas and Mining's Form 9 Sundry Notice, to owners of all contiguous oil and gas leases or drilling units overlying the pools which are the subject of that application.
- 3. In my capacity as a Landman, I am authorized to provide such notice of Questar Exploration and Production Company's application to contiguous owners and to make this affidavit on this 17th day of September 2008.

Printed Name: Chad W. Matney

The foregoing instrument was sworn to and subscribed before me this 23rd day of September 2008, by Chad W. Matney.

Notary Public





---

**Questar Exploration and Production Company**

Independence Plaza

1050 17th Street, Suite 500

Denver, CO 80265

Tel 303 672 6900 • Fax 303 294 9632

**Rocky Mountain Region**

September 17, 2008

SEE ATTACHED MAILING LIST

Dear Owner:

Attached for your information is a copy of Questar's application to the State of Utah Division of Oil, Gas and Mining for commingling of the RWS 14D-5-9-24 Well located in Uintah County, Utah.

Very truly yours,

A handwritten signature in black ink, appearing to read "Chad W. Matney", with a stylized flourish at the end.

Chad W. Matney  
Associate Landman

Enclosure

MAILING LIST  
RWS 14D-5-9-24  
NOTICE OF COMMINGLING

Anadarko Petroleum Corporation  
1099 18<sup>th</sup> Street, Suite 1800  
Denver, CO 80202  
Attn: W. Chris Latimer

EnCana Oil & Gas (USA) Inc.  
370 17<sup>th</sup> Street, Suite 1700  
Denver, CO 80202  
Attn: Uinta Division Land Manager

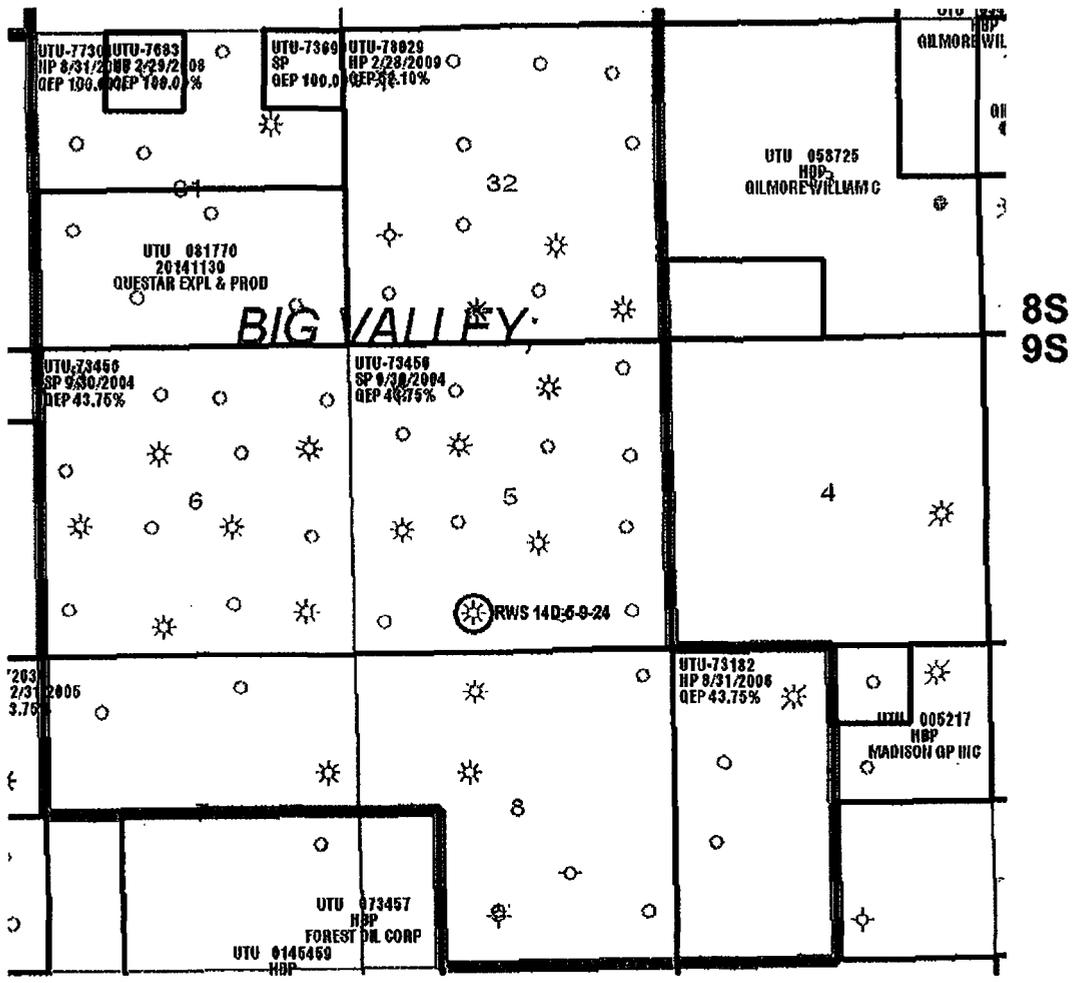
Enduring Resources, LLC  
475 17th Street, Suite 1500  
Denver, CO 80202  
Attn: Alex Campbell

EOG Resources, Inc.  
600 17<sup>th</sup> Street, Suite 1000N  
Denver, CO 80202  
Attn: Debbie Spears

Forest Oil Corporation  
707 17<sup>th</sup> Street, Suite 3600  
Denver, CO 80202  
Attn: Uinta Basin Division Land Manager

III Exploration Company  
555 South Cole Road  
Boise, ID 83707  
Attn: William Glynn/Ken Smith

Rosetta Resources Operating LP  
717 Texas Street  
Houston, TX 77002  
Attn: Uinta Division Land Manager



24E

○ Commingled well

<p><b>Tw/Kmv</b>  <b>COMMINGLED PRODUCTION</b>          Uinta Basin—Uintah County, Utah</p>							
<p><b>Well: RWS 14D-5-9-24</b>  <b>Lease: UTU 73456</b></p>							
<p><b>QUESTAR</b>  <i>Exploration and Production</i></p> <p><small>1080 17th St., # 500 Denver, CO 80202</small></p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 2px;">Geologist:</td> <td style="padding: 2px;"> </td> </tr> <tr> <td style="padding: 2px;">Landman: Chad Matney</td> <td style="padding: 2px;"> </td> </tr> <tr> <td style="padding: 2px;">Date: July 1, 2008</td> <td style="padding: 2px;"> </td> </tr> </table>	Geologist:		Landman: Chad Matney		Date: July 1, 2008	
Geologist:							
Landman: Chad Matney							
Date: July 1, 2008							

Deviation Summary

Legal Well Name: RWS 14D-5-9-24  
 Common Well Name: RWS 14D-5-9-24

Spud Date: 1/12/2008

S/T #	V.S. AZI °
OH	0.00

TMD: 8,330.0 (ft)      TVD: 8,325.54 (ft)  
 Closure Distance: 193.2 (ft)      Closure Direction: 78.26 (°)

Calculation Method: Minimum Curvature

S/T #	TMD ft	Angle °	Azimuth °	CTM	TVD ft	N-S ft	E-W ft	Section ft	DLS °/100ft	BUR °/100ft	Type
OH	0.0	0.00	0.00	YNN	0.00	0.00	0.00	0.00	0.00	0.00	
OH	2,528.0	1.00	45.00	YNN	2,527.87	15.60	15.60	15.60	0.04	0.04	MSS
OH	3,002.0	1.50	72.60	YNN	3,001.76	20.38	24.44	20.38	0.16	0.11	MSS
OH	3,466.0	1.80	73.90	YNN	3,465.57	24.22	37.24	24.22	0.07	0.06	MSS
OH	4,036.0	1.30	63.90	YNN	4,035.36	29.54	51.65	29.54	0.10	-0.09	MSS
OH	4,505.0	1.10	124.50	YNN	4,504.27	29.33	60.14	29.33	0.26	-0.04	MSS
OH	5,046.0	0.50	169.40	YNN	5,045.22	24.07	64.85	24.07	0.15	-0.11	MSS
OH	5,530.0	1.70	213.50	YNN	5,529.13	16.01	61.28	16.01	0.29	0.25	MSS
OH	6,000.0	4.00	85.30	YNN	5,998.78	11.54	73.77	11.54	1.11	0.49	MSS
OH	6,280.0	4.20	72.20	YNN	6,278.07	15.47	93.27	15.47	0.34	0.07	MSS
OH	6,470.0	3.70	66.10	YNN	6,467.62	20.08	105.50	20.08	0.34	-0.26	MSS
OH	6,470.0	3.70	66.10	YNN	6,467.62	20.08	105.50	20.08	0.00	0.00	MSS
OH	6,659.0	3.30	67.50	YNN	6,656.27	24.63	116.10	24.63	0.22	-0.21	MSS
OH	6,940.0	2.80	69.60	YNN	6,936.87	30.12	130.01	30.12	0.18	-0.18	MSS
OH	7,419.0	2.00	78.17	YNN	7,415.44	35.91	149.15	35.91	0.18	-0.17	MSS
OH	7,885.0	2.50	91.97	YNN	7,881.09	37.23	167.27	37.23	0.16	0.11	MSS
OH	8,330.0	3.20	78.77	YNN	8,325.54	39.32	189.15	39.32	0.21	0.16	MSS

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SEP 29 2008

Page 1 of 1

Questar E & P

Deviation Summary

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Well Name: RWS 14D-5-9-24	Location: 5- 9-S 24-E 26	S/T #	V.S. AZI (°)
TMD: 8,330.0 (ft)	TVD: 5,797.67 (ft)	OH	0.00
Closure Distance: 175.2 (ft)	Closure Direction: 82.22 (°)	Calculation Method: Minimum Curvature	

S/T #	TMD (ft)	Angle (°)	Azimuth (°)	CTM	TVD (ft)	N-S (ft)	E-W (ft)	Vert. Section (ft)	DLS (°/100ft)	BUR (°/100ft)	Type
OH	2,528.0	1.00	45.00	YNN	0.00	0.00	0.00	0.00	0.00	0.00	MSS
OH	3,002.0	1.50	72.60	YNN	473.89	4.78	8.84	4.78	0.16	0.11	MSS
OH	3,466.0	1.80	73.90	YNN	937.70	8.62	21.64	8.62	0.07	0.06	MSS
OH	4,036.0	1.30	63.90	YNN	1,507.49	13.94	36.05	13.94	0.10	-0.09	MSS
OH	4,505.0	1.10	124.50	YNN	1,976.40	13.73	44.54	13.73	0.26	-0.04	MSS
OH	5,046.0	0.50	169.40	YNN	2,517.35	8.47	49.25	8.47	0.15	-0.11	MSS
OH	5,530.0	1.70	213.50	YNN	3,001.26	0.41	45.68	0.41	0.29	0.25	MSS
OH	6,000.0	4.00	85.30	YNN	3,470.91	-4.06	58.18	-4.06	1.11	0.49	MSS
OH	6,280.0	4.20	72.20	YNN	3,750.20	-0.13	77.67	-0.13	0.34	0.07	MSS
OH	6,470.0	3.70	66.10	YNN	3,939.75	4.48	89.90	4.48	0.34	-0.26	MSS
OH	6,470.0	3.70	66.10	YNN	3,939.75	4.48	89.90	4.48	0.00	0.00	MSS
OH	6,659.0	3.30	67.50	YNN	4,128.39	9.03	100.50	9.03	0.22	-0.21	MSS
OH	6,940.0	2.80	69.60	YNN	4,409.00	14.52	114.41	14.52	0.18	-0.18	MSS
OH	7,419.0	2.00	78.17	YNN	4,887.57	20.31	133.55	20.31	0.18	-0.17	MSS
OH	7,885.0	2.50	91.97	YNN	5,353.22	21.63	151.67	21.63	0.16	0.11	MSS
OH	8,330.0	3.20	78.77	YNN	5,797.67	23.72	173.55	23.72	0.21	0.16	MSS

No survey after intermediate csg.

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# 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>



IN REPLY REFER TO:  
3160  
(U-922)

**RECEIVED**  
**NOV 24 2008**  
DIV. OF OIL, GAS & MINING

November 20, 2008

Questar Exploration and Production Co.  
Independence Plaza  
1050 17th Street, Suite 500  
Denver, CO 80265  
Attn: Chad W. Matney

Re: Non-Paying Well Determination  
RWS 14D-5-9-24 Well,  
Big Valley Unit  
Uintah County, Utah

Gentlemen:

Pursuant to your request of November 12, 2008, it has been determined by this office that under existing conditions the following well is not capable of producing unitized substances in paying quantities as defined in Section 9 of the unit agreement.

API Number	Well Name	Location	Comp. Date	Lease
4304737310	RWS 14D-5-9-24	SE $\frac{1}{4}$ SW $\frac{1}{4}$ 5 9.0 S 24.0 E SLB&M	06/23/2008	UTU73456

All past and future production from this well shall be handled and reported on a lease basis.

Sincerely,

/s/ Becky J. Hammond

Becky J. Hammond  
Chief, Branch of Fluid Minerals

bcc: FOM Vernal  
Big Valley Unit File  
MMS  
SITLA  
~~Division of Oil, Gas and Mining~~  
Central Files  
Agr. Sec. Chron.  
Fluid Chron  
Tickler (December, 2008)

MCoulthard:mc:11-20-08

OPERATOR: **Questar Exploration & Production Co.**  
ADDRESS: **11002 East 17500 South**  
**Vernal, Utah 84078 (435)781-4342**

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
E	16615	16615	43-047-37310	RWS 14D 5 9 24	SESW	5	9S	24E	Uintah	1/12/2008	3/1/09
WELL 1 COMMENTS: <b>WMMFD</b> → <i>WSMVD</i> → <i>MFD</i>										<b>CONFIDENTIAL</b> 4/14/09	
WELL 2 COMMENTS:											
WELL 3 COMMENTS:											
WELL 4 COMMENTS:											
WELL 5 COMMENTS:											

**ACTION CODES** (See instructions on back of form)

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (explain in comments section)

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

(3/89)



Signature

Office Administrator Title      4/10/09 Date

Phone No. (435)781-4342

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DIV. OF OIL, GAS & MINING

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UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**CONFIDENTIAL**

FORM APPROVED  
OMB No. 1004-0137  
Expires: July 31, 2010

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

5. Lease, Series No.  
UTU 73456

6. If Indian, Allottee or Tribe Name

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

1. Type of Well

Oil Well  Gas Well  Other

2. Name of Operator  
Questar Exploration and Production Co.

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

8. Well Name and No.  
RWS 14D-5-9-24

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

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

9. API Well No.  
43-047-37310

10. Field and Pool or Exploratory Area

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
860' FSL, 1784' FWL, SESW SECTION 5, T9S, R24E

11. Country or Parish, State  
Utah

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

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

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

The operator requests approval to isolate water in this well as follows:

1. Set composite BP at ±9220'. Set cement retainer at ±8575'
2. RIH with tubing, sting into retainer and obtain injection rate
3. Squeeze perfs
4. Drill out retainer, cement and CBP
5. Return well to production

**COPY SENT TO OPERATOR**

Date: 4.28.2009

Initials: KS

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

Name (Printed/Typed)  
Kirk Eleetwood

Title Petroleum Engineer

Signature

Date 03/31/2009

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

Approved by

*[Signature]*

Title Pet. Eng.

Date 4/23/09

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

Office DOG.M

Federal Approval of This Action Is Necessary

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

(Instructions on page 2)

**RECEIVED**  
APR 02 2009

DIV. OF OIL, GAS & MINING

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**CONFIDENTIAL**

FORM APPROVED  
OMB No. 1004-0137  
Expires: July 31, 2010

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

5. Lease Serial No.  
UTU 73456

6. If Indian, Allottee or Tribe Name

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

1. Type of Well

Oil Well  Gas Well  Other

2. Name of Operator  
Questar Exploration and Production Co.

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

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

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
860' FSL, 1784' FWL, SESW SECTION 5, T9S, R24E

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

8. Well Name and No.  
RWS 14D-5-9-24

9. API Well No.  
43-047-37310

10. Field and Pool or Exploratory Area

11. Country or Parish, State  
Uintah

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

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

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

The operator requests approval to isolate water in this well by setting a CIBP at 11160' and capping it with a minimum of 35' of cement.

COPY SENT TO OPERATOR

Date: 5.4.2009

Initials: KS

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

Name (Printed/Typed)  
Kirk Fleetwood

Title Petroleum Engineer

Signature

Date 04/08/2009

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

Approved by

Title Pet\_Eng

Date 4/28/09

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

Office Down

Federal Approval Of This  
Action Is Necessary

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

(Instructions on page 2)

**RECEIVED**

APR 13 2009

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  
<http://www.blm.gov/ut/st/en.html>

TAKE PRIDE  
IN AMERICA

43-047-37310  
RWS 14D-5-9-24  
Sec 5 T9S R24E

IN REPLY REFER TO  
3180  
UT-922

May 25, 2010

Birgit Roesink-Miller  
Questar Exploration & Production Co.  
1050 17<sup>th</sup> Street, Suite 500  
Denver, CO 80265

Re: Initial Consolidated Wasatch-Mesaverde-  
Mancos-Dakota Formation PA  
Big Valley Unit  
Uintah County, Utah

Dear Mrs. Roesink-Miller:

The Initial Consolidated Wasatch-Mesaverde-Mancos-Dakota Formation PA, Big Valley Unit, CRS No. UTU81308C, is hereby approved effective as of December 1, 2006, pursuant to Section 11 of the Big Valley Unit Agreement, Uintah County, Utah.

The Initial Consolidated Wasatch-Mesaverde-Mancos-Dakota Formation PA results in an initial consolidated participating area of 3,780.63 acres and is based upon the completion of the following wells as capable of producing unitized substances in paying quantities.

WELL NO.	API NO.	LOCATION	LEASE NO.
RWS 16ML-6-9-24	43-047-37335	SE $\frac{1}{4}$ SE $\frac{1}{4}$ , 06-9S-24E	UTU73456
RWS 2ML-5-9-24	43-047-37306	NW $\frac{1}{4}$ NE $\frac{1}{4}$ , 05-9S-24E	UTU73456
RWS 12ML-6-9-24	43-047-37312	NW $\frac{1}{4}$ SW $\frac{1}{4}$ , 06-9S-24E	UTU73456
RWS 4ML-5-9-24	43-047-37351	NW $\frac{1}{4}$ NW $\frac{1}{4}$ , 05-9S-24E	UTU73456
RWS 4ML-6-9-24	43-047-37412	NW $\frac{1}{4}$ NW $\frac{1}{4}$ , 06-9S-24E	UTU73456
RWS 8D-6-9-24	43-047-37352	SE $\frac{1}{4}$ NE $\frac{1}{4}$ , 06-9S-24E	UTU73456
RWS 6D-5-9-24	43-047-37350	SE $\frac{1}{4}$ NW $\frac{1}{4}$ , 05-9S-24E	UTU73456
RWS 6D-6-9-24	43-047-37413	SE $\frac{1}{4}$ NW $\frac{1}{4}$ , 06-9S-24E	UTU73456
NBZ 8D-31-8-24	43-047-37238	SE $\frac{1}{4}$ NE $\frac{1}{4}$ , 31-8S-24E	UTU77301
CWD 10D-32-8-24	43-047-37347	NW $\frac{1}{4}$ SE $\frac{1}{4}$ , 32-8S-24E	UTU78029
CWD 14D-32-8-24	43-047-37277	SE $\frac{1}{4}$ SW $\frac{1}{4}$ , 32-8S-24E	UTU78029

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The following wells not capable of producing unitized substances in paying quantities will be included in the Initial Consolidated Wasatch-Mesaverde-Mancos-Dakota Formation PA pursuant to Section 11 of the unit agreement as necessary for unit operations.

WELL NO.	API NO.	LOCATION	LEASE NO.
RWS 10ML-5-9-24	43-047-37308	NW¼SE¼, 05-9S-24E	UTU73456
RWS 14D-5-9-24	43-047-37310	SE¼SW¼, 05-9S-24E	UTU73456
RWS 14D-6-9-24	43-047-37414	SE¼SW¼, 06-9S-24E	UTU73456
NBZ 8ML-30-8-24	43-047-37231	SE¼NE¼, 30-8S-24E	UTU77301
NBZ 13ML-29-8-24	43-047-37237	SW¼SW¼, 29-8S-24E	UTU77301
CWD 16D-32-8-24	43-047-37278	SE¼SE¼, 32-8S-24E	UTU78029

Copies of the approved request are being distributed to the appropriate Federal agencies and one copy is returned herewith. Please advise all interested parties of the approval of the Initial Consolidated Wasatch-Mesaverde-Mancos-Dakota Formation PA, Big Valley Unit, and the effective date.

No action will be taken at this time to your request for the contraction of the Big Valley Unit as it will automatically contract June 16, 2010.

Sincerely,

*/s/ Roger L. Bankert*

Roger L. Bankert  
Chief, Branch of Minerals

Enclosure

bcc: UDOGM  
SITLA  
MMS - MRM w/enclosure (Attn: Leona Reilly)  
FOM - Vernal w/enclosure  
Unit file - Big Valley w/enclosure  
Fluids - Mickey  
Fluids - Judy  
Agr. Sec. Chron.  
Reading File  
Central Files

LWilcken:lw:(05/25/10)

**RECEIVED**  
JUN 07 2010  
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: (Old Operator):</b> N5085-Questar Exploration and Production Company 1050 17th St, Suite 500 Denver, CO 80265  Phone: 1 (303) 308-3048	<b>TO: ( New Operator):</b> N3700-QEP Energy Company 1050 17th St, Suite 500 Denver, CO 80265  Phone: 1 (303) 308-3048
--	---

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

Unit:

BIG VALLEY

**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

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

**DATA ENTRY:**

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

**BOND VERIFICATION:**

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

**LEASE INTEREST OWNER NOTIFICATION:**

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

**COMMENTS:**

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

FORM 9

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>		5. LEASE DESIGNATION AND SERIAL NUMBER: See attached
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: See attached
		7. UNIT or CA AGREEMENT NAME: See attached
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____	8. WELL NAME and NUMBER: See attached	
2. NAME OF OPERATOR: Questar Exploration and Production Company <i>N5085</i>	9. API NUMBER: Attached	
3. ADDRESS OF OPERATOR: 1050 17th Street, Suite 500 <small>CITY</small> Denver <small>STATE</small> CO <small>ZIP</small> 80265	PHONE NUMBER: (303) 672-6900	10. FIELD AND POOL, OR WILDCAT: See attached
4. LOCATION OF WELL FOOTAGES AT SURFACE: See attached	COUNTY: Attached	
QTR/QTR. SECTION, TOWNSHIP, RANGE, MERIDIAN:	STATE: UTAH	

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

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

Effective June 14, 2010 Questar Exploration and Production Company changed its name to QEP Energy Company. This name change involves only an internal corporate name change and no third party change of operator is involved. The same employees will continue to be responsible for operations of the properties described on the attached list. All operations will continue to be covered by bond numbers:

Federal Bond Number: 965002976 (BLM Reference No. ESB000024) *N3700*

Utah State Bond Number: ~~965003033~~ } *965010695*

Fee Land Bond Number: ~~965003033~~ }

BIA Bond Number: ~~799446~~ *965010693*

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

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

(This space for State use only)

**RECEIVED**  
**JUN 28 2010**

DIV. OF OIL, GAS & MINING

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

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

well_name	sec	twp	rng	api	entity	mineral lease	type	stat	C
RWS 3ML-9-9-24	09	090S	240E	4304735483	15190	Federal	GW	S	
RWS 10ML-6-9-24	06	090S	240E	4304735653	17644	Federal	GW	P	
CWD 4ML-32-8-24	32	080S	240E	4304735684	17644	Federal	GW	S	
NBZ 4D-30-8-24	30	080S	240E	4304737229	16630	Federal	GW	OPS	C
NBZ 6ML-30-8-24	30	080S	240E	4304737230	16810	Federal	GW	OPS	C
NBZ 8ML-30-8-24	30	080S	240E	4304737231	17644	Federal	GW	P	
NBZ 10ML-30-8-24	30	080S	240E	4304737232	16695	Federal	GW	OPS	C
NBZ 12D-30-8-24	30	080S	240E	4304737233	16631	Federal	GW	OPS	C
NBZ 14ML-30-8-24	30	080S	240E	4304737234	16696	Federal	GW	OPS	C
NBZ 6D-31-8-24	31	080S	240E	4304737235	16611	Federal	GW	OPS	C
NBZ 4D-31-8-24	31	080S	240E	4304737236	16576	Federal	GW	OPS	C
NBZ 13ML-29-8-24	29	080S	240E	4304737237	17644	Federal	GW	P	
NBZ 8D-31-8-24	31	080S	240E	4304737238	17644	Federal	GW	P	
NBZ 2ML-31-8-24	31	080S	240E	4304737239	17098	Federal	GW	OPS	C
NBZ 11D-29-8-24	29	080S	240E	4304737240	16612	Federal	GW	OPS	C
NBZ 5D-29-8-24	29	080S	240E	4304737241	16632	Federal	GW	OPS	C
NBZ 9D-29-8-24	29	080S	240E	4304737244	15677	Federal	GW	OPS	C
NBZ 15ML-29-8-24	29	080S	240E	4304737246	16697	Federal	GW	OPS	C
CWD 3D-32-8-24	32	080S	240E	4304737274	16923	Federal	GW	OPS	C
CWD 14ML-32-8-24	32	080S	240E	4304737277	17644	Federal	GW	P	
CWD 16D-32-8-24	32	080S	240E	4304737278	17644	Federal	GW	P	
RWS 2ML-5-9-24	05	090S	240E	4304737306	17644	Federal	GW	P	
RWS 8D-5-9-24	05	090S	240E	4304737307	16614	Federal	GW	OPS	C
RWS 10ML-5-9-24	05	090S	240E	4304737308	17644	Federal	GW	S	
RWS 12ML-5-9-24	05	090S	240E	4304737309	17644	Federal	GW	P	
RWS 14D-5-9-24	05	090S	240E	4304737310	17644	Federal	GW	P	
RWS 16ML-5-9-24	05	090S	240E	4304737311	16698	Federal	GW	OPS	C
RWS 12ML-6-9-24	06	090S	240E	4304737312	17644	Federal	GW	P	
RWS 16ML-6-9-24	06	090S	240E	4304737335	17644	Federal	GW	P	
CWD 10D-32-8-24	32	080S	240E	4304737347	17644	Federal	GW	P	
RWS 6D-5-9-24	05	090S	240E	4304737350	17644	Federal	GW	P	
RWS 4ML-5-9-24	05	090S	240E	4304737351	17644	Federal	GW	P	
RWS 8D-6-9-24	06	090S	240E	4304737352	17644	Federal	GW	P	
RWS 2D-6-9-24	06	090S	240E	4304737411	17272	Federal	GW	OPS	C
RWS 4ML-6-9-24	06	090S	240E	4304737412	17644	Federal	GW	S	
RWS 6D-6-9-24	06	090S	240E	4304737413	17644	Federal	GW	P	
RWS 14D-6-9-24	06	090S	240E	4304737414	17644	Federal	GW	P	
RWS 5ML-9-9-24	09	090S	240E	4304738645	17273	Federal	GW	OPS	C
RWS 12ML-9-9-24	09	090S	240E	4304738646	17274	Federal	GW	OPS	C
NBZ 16D-31-8-24	31	080S	240E	4304739435		Federal	GW	APD	C
NBZ 10D-31-8-24	31	080S	240E	4304739456		Federal	GW	APD	C
NBZ 12D-31-8-24	31	080S	240E	4304739457		Federal	GW	APD	C
NBZ 14D-31-8-24	31	080S	240E	4304739458		Federal	GW	APD	C
CWD 13D-32-8-24	32	080S	240E	4304739464		Federal	GW	APD	C
RWS 7D-6-9-24	06	090S	240E	4304739494		Federal	GW	APD	C
RWS 13D-6-9-24	06	090S	240E	4304739495		Federal	GW	APD	C
RWS 11D-6-9-24	06	090S	240E	4304739496		Federal	GW	APD	C
RWS 9D-6-9-24	06	090S	240E	4304739497		Federal	GW	APD	C
RWS 3D-6-9-24	06	090S	240E	4304739498		Federal	GW	APD	C
RWS 15D-6-9-24	06	090S	240E	4304739500		Federal	GW	APD	C

Bonds: BLM = ESB000024  
 BIA = 956010693  
 State = 965010695

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

well_name	sec	twp	rng	api	entity	mineral lease	type	stat	C
RWS 5D-6-9-24	06	090S	240E	4304739501		Federal	GW	APD	C
RWS 7D-5-9-24	05	090S	240E	4304739502		Federal	GW	APD	C
RWS 11D-5-9-24	05	090S	240E	4304739503		Federal	GW	APD	C
RWS 9D-5-9-24	05	090S	240E	4304739504		Federal	GW	APD	C
RWS 13D-5-9-24	05	090S	240E	4304739505		Federal	GW	APD	C
RWS 15D-5-9-24	05	090S	240E	4304739506		Federal	GW	APD	C
RWS 3D-5-9-24	05	090S	240E	4304739507		Federal	GW	APD	C
RWS 1D-5-9-24	05	090S	240E	4304739508		Federal	GW	APD	C
NBZ 5D-31-8-24	31	080S	240E	4304739511		Federal	GW	APD	C
CWD 11D-32-8-24	32	080S	240E	4304739535		Federal	GW	APD	C
CWD 15D-32-8-24	32	080S	240E	4304739536		Federal	GW	APD	C
RWS 5D-5-9-24	05	090S	240E	4304739673		Federal	GW	APD	C
RWS 1D-6-9-24	06	090S	240E	4304739674		Federal	GW	APD	C
NBZ 3D-31-8-24	31	080S	240E	4304739675		Federal	GW	APD	C
NBZ 16D-30-8-24	30	080S	240E	4304740355		Federal	GW	APD	C
NBZ 15D-30-8-24	30	080S	240E	4304740356		Federal	GW	APD	C
CWD 6D-32-8-24	32	080S	240E	4304740357		Federal	GW	APD	C
CWD 2D-32-8-24	32	080S	240E	4304740358		Federal	GW	APD	C
CWD 5D-32-8-24	32	080S	240E	4304740359		Federal	GW	APD	C
NBZ 10D-29-8-24	29	080S	240E	4304740360		Federal	GW	APD	C
NBZ 8D-29-8-24	29	080S	240E	4304740361		Federal	GW	APD	C
NBZ 14D-29-8-24	29	080S	240E	4304740362		Federal	GW	APD	C
NBZ 16D-29-8-24	29	080S	240E	4304740363		Federal	GW	APD	C
NBZ 12D-29-8-24	29	080S	240E	4304740364		Federal	GW	APD	C
NBZ 13D-30-8-24	30	080S	240E	4304740365		Federal	GW	APD	C
RWS 4D-9-9-24	09	090S	240E	4304740470		Federal	GW	APD	C
NBZ 9D-30-8-24	30	080S	240E	4304740471		Federal	GW	APD	C
NBZ 11D-30-8-24	30	080S	240E	4304740472		Federal	GW	APD	C
NBZ 7D-30-8-24	30	080S	240E	4304740473		Federal	GW	APD	C
NBZ 2D-29-8-24	29	080S	240E	4304740476		Federal	GW	APD	C
CWD 7D-32-8-24	32	080S	240E	4304740477		Federal	GW	APD	C
CWD 9D-32-8-24	32	080S	240E	4304740478		Federal	GW	APD	C
RWS 6D-9-9-24	09	090S	240E	4304740479		Federal	GW	APD	C
RWS 13D-9-9-24	09	090S	240E	4304740480		Federal	GW	APD	C
NBZ 6D-29-8-24	29	080S	240E	4304740483		Federal	GW	APD	C
NBZ 1D-30-8-24	30	080S	240E	4304740484		Federal	GW	APD	C
NBZ 2D-30-8-24	30	080S	240E	4304740485		Federal	GW	APD	C
NBZ 3D-30-8-24	30	080S	240E	4304740486		Federal	GW	APD	C



## 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

*Roy L Bankert*

Subject: Name Change Recognized

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

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

cc: MMS  
UDOGM

RECEIVED

AUG 16 2010

DIV. OF OIL, GAS & MINERALS