



**QEP Uinta Basin, Inc.**

11002 East 17500 South

Vernal, UT 84078

Tel 435 781 4300 • Fax 435 781 4329

October 31, 2005

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

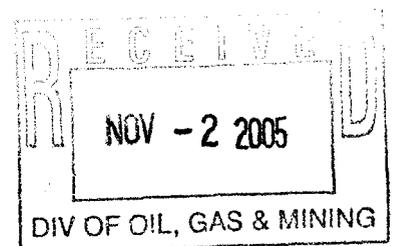
To Whom It May Concern:

In reference to the State Oil and Gas Conservation rule R649-3-3 QEP Uinta Basin, Inc. RWS 6ML-5-9-24 is an exception to this rule due to topography and drainage.

There are no additional lease owners within 460' of the proposed location. If you have any question please contact Jan Nelson @ (435) 781-4331.

Thank you,

Jan Nelson



**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>			<b>5. LEASE DESIGNATION AND SERIAL NO.</b> UTU-73456
TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/>			<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME</b> 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			<b>7. UNIT AGREEMENT NAME</b> BIG VALLEY UNIT # UTU-81308X
<b>2. NAME OF OPERATOR</b> QEP UINTA BASIN, INC.			<b>8. FARM OR LEASE NAME, WELL NO.</b> RWS 6ML-5-9-24
<b>3. ADDRESS</b> 11002 E. 17500 S. Vernal, Ut 84078			<b>9. API NUMBER:</b> 43-047-37350
Contact: Jan Nelson E-Mail: jan.nelson@questar.com			<b>10. FIELD AND POOL, OR WILDCAT</b> <del>UNDESIGNATED</del> W: wca-1
<b>4. LOCATION OF WELL (Report location clearly and in accordance with and State requirements*)</b> At Surface 650074X 1718' FNL 1824' FWL, SENW, SECTION 5, T9S, R24E At proposed production zone 4436481Y 40.067125 -109.240237			<b>11. SEC., T, R, M, OR BLK &amp; SURVEY OR AREA</b> SEC. 5, T9S R24E Mer SLB
<b>14. DISTANCE IN MILES FROM NEAREST TOWN OR POSTOFFICE*</b> 35 +/- - SOUTHEAST OF VERNAL, UTAH			<b>12. COUNTY OR PARISH</b> Uintah <b>13. STATE</b> UT
<b>15. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT.</b> (also to nearest drig, unit line if any) 1718' +/-	<b>16. NO. OF ACRES IN LEASE</b> 1239.79	<b>17. NO. OF ACRES ASSIGNED TO THIS WELL</b> 40	
<b>18. DISTANCE FROM PROPOSED location to nearest well, drilling, completed, applied for, on this lease, ft</b>	<b>19. PROPOSED DEPTH</b> 9000'	<b>20. BLM/BIA Bond No. on file</b> ESB000024	
<b>21. ELEVATIONS (Show whether DF, RT, GR, ect.)</b> 5114.6' GR	<b>22. DATE WORK WILL START</b> ASAP	<b>23. Estimated duration</b> 10 days	
<b>24. Attachments</b>			

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

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

SIGNED Jan Nelson Name (printed/typed) Jan Nelson DATE October 31, 2005

TITLE Regulatory Affairs

(This space for Federal or State office use)

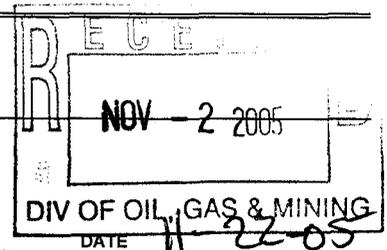
PERMIT NO. 43-047-37350 APPROVAL DATE \_\_\_\_\_

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

\*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

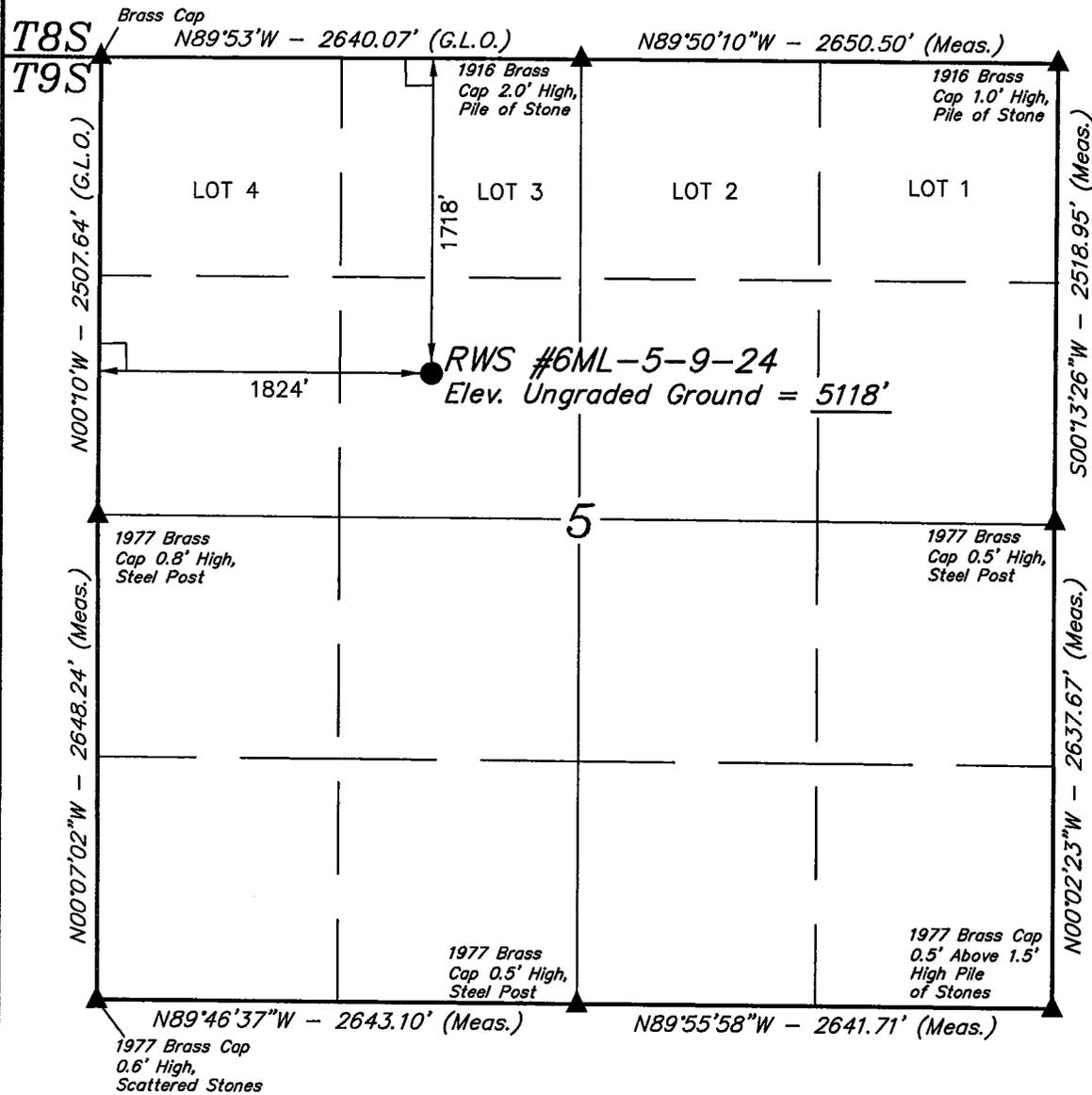
**Federal Approval of this Action is Necessary**

**CONFIDENTIAL**

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

## QUESTAR EXPLR. & PROD.

Well location, RWS #6ML-5-9-24, located as shown in the SE 1/4 NW 1/4 of Section 5, T9S, R24E, S.L.B.&M. Uintah County, Utah.

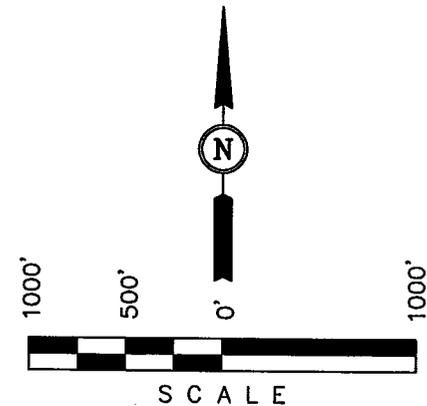


### BASIS OF ELEVATION

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.

*John H. Gray*  
 REGISTERED LAND SURVEYOR  
 REGISTRATION NO. 161319  
 STATE OF UTAH

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

(AUTONOMOUS NAD 83)  
 LATITUDE = 40°04'01.83" (40.067175)  
 LONGITUDE = 109°14'27.22" (109.240894)

(AUTONOMOUS NAD 27)  
 LATITUDE = 40°04'01.95" (40.067208)  
 LONGITUDE = 109°14'24.79" (109.240219)

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

SCALE 1" = 1000'	DATE SURVEYED: 09-15-05	DATE DRAWN: 09-19-05
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 6ML-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 6ML-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 "Mike 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:

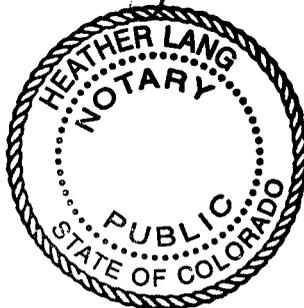
1. That I am employed by Questar Market Resources in the capacity as a Landman. My business address is Independence Plaza  
1050 17<sup>th</sup> Street, Suite 500  
Denver, CO 80265
2. In my capacity as a Landman, pursuant to the provisions of Utah Administrative Rule 615-3-22 I have provided a copy of Questar Market Resource's application for completion of the RWS 6ML-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.

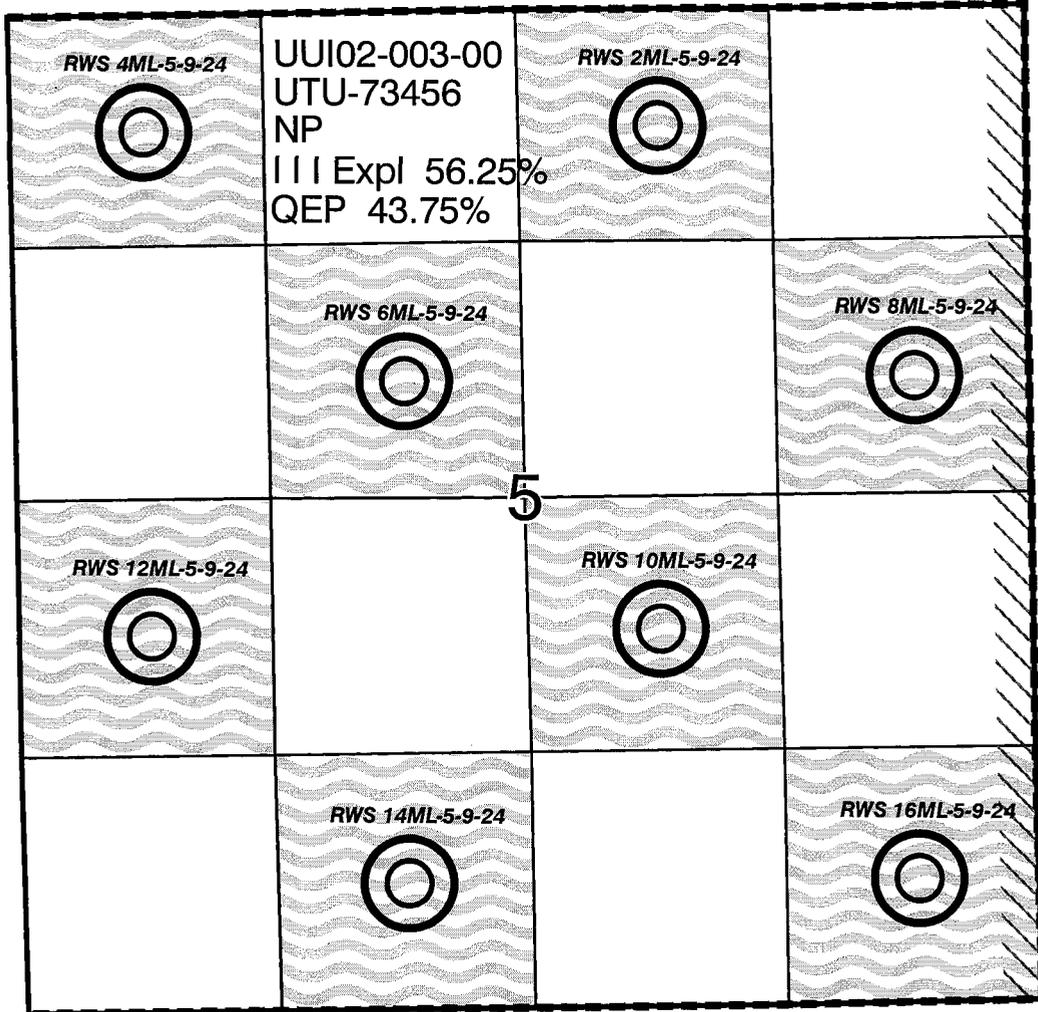
*Angela Page*  
Printed Name: Angela Page

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

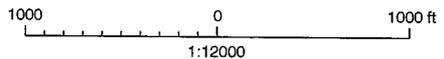
*Heather Lang*  
Notary Public

My Commission Expires 07/08/2008





**Sec 5, T9S-R24E**



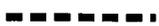
40-acre pool



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></p>							
<p><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>05722MapsUtah maps/Comm 2008050924.cdr</td> </tr> </table>	Geologist: JD Herman	Landman: Angela Page	Engineer:	Technician:	Date: August 16, 2005	05722MapsUtah maps/Comm 2008050924.cdr
Geologist: JD Herman	Landman: Angela Page						
Engineer:	Technician:						
Date: August 16, 2005	05722MapsUtah maps/Comm 2008050924.cdr						

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	4110'
Mesa Verde	5960'
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 6ML-5-9-24  
1718' FNL 1824' FWL  
SENW, 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 6ML-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.

**QEP Uinta Basin, Inc.**  
**Request for Exception to Buried Pipeline**  
**for**  
**RWS 6ML-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

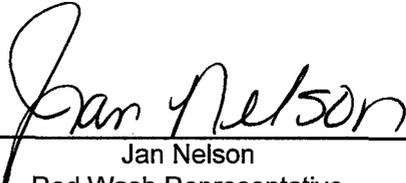
**Certification:**

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

31-Oct-05  
\_\_\_\_\_  
Date

# QUESTAR EXPLR. & PROD.

**RWS #6ML-5-9-24**

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

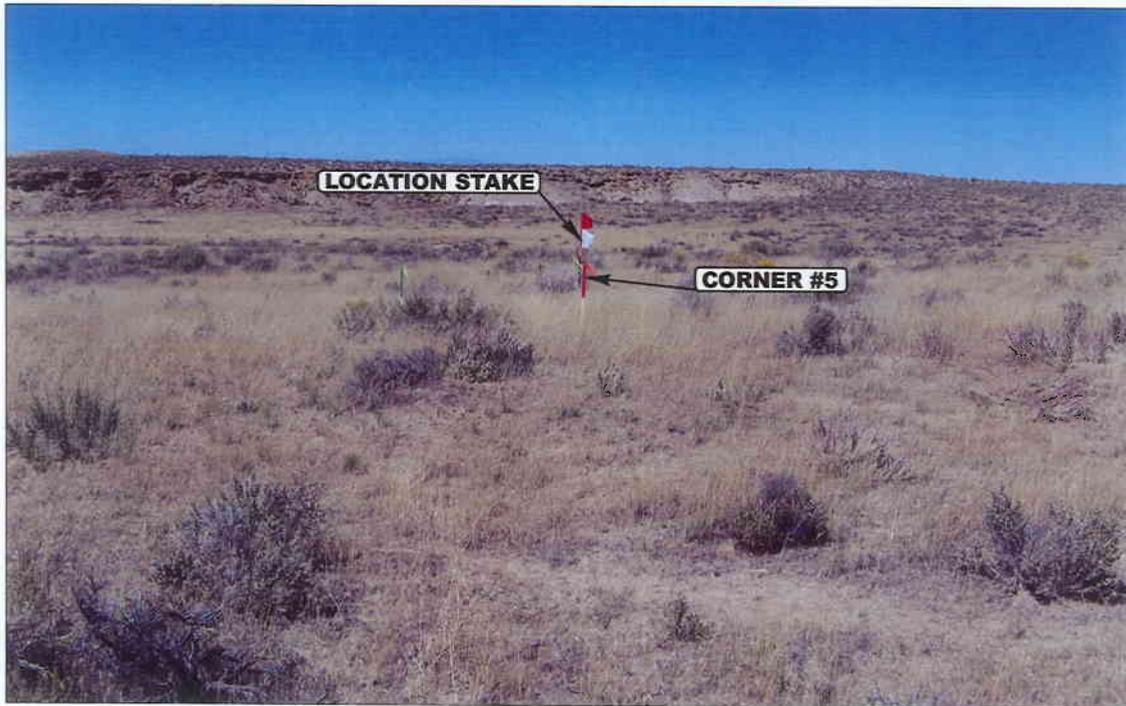


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: NORTHWESTERLY



PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: NORTHWESTERLY



- Since 1964 -

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

**LOCATION PHOTOS**

**09 19 05**  
MONTH DAY YEAR

**PHOTO**

TAKEN BY: D.A.

DRAWN BY: C.P.

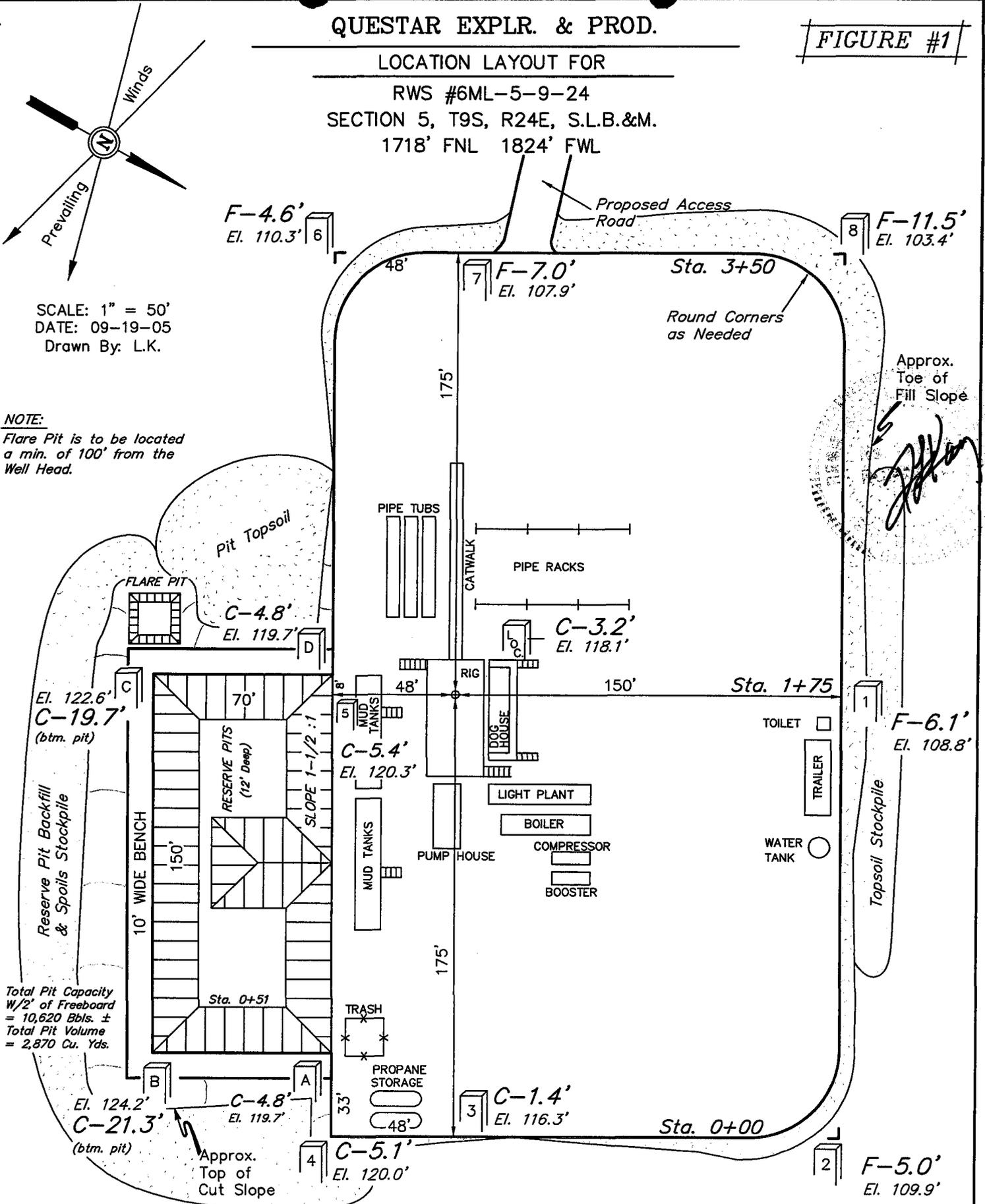
REVISED: 10-26-05

QUESTAR EXPLR. & PROD.

FIGURE #1

LOCATION LAYOUT FOR

RWS #6ML-5-9-24  
SECTION 5, T9S, R24E, S.L.B.&M.  
1718' FNL 1824' FWL



SCALE: 1" = 50'  
DATE: 09-19-05  
Drawn By: L.K.

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

Total Pit Capacity  
W/2' of Freeboard  
= 10,620 Bbls. ±  
Total Pit Volume  
= 2,870 Cu. Yds.

**NOTES:**

Elev. Ungraded Ground At Loc. Stake = 5118.1'  
FINISHED GRADE ELEV. AT LOC. STAKE = 5114.9'

QUESTAR EXPLR. & PROD.

FIGURE #2

TYPICAL CROSS SECTIONS FOR

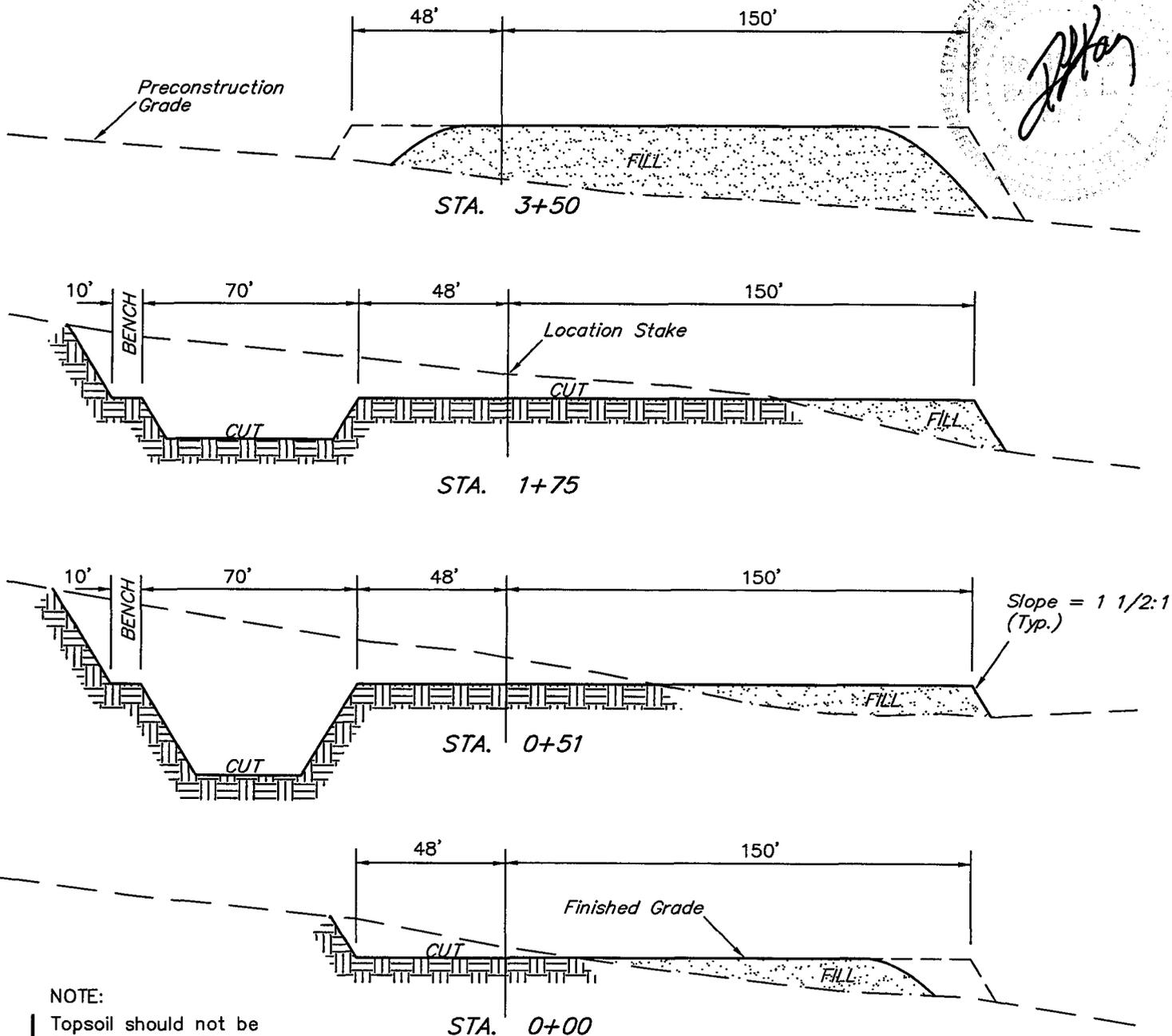
RWS #6ML-5-9-24

SECTION 5, T9S, R24E, S.L.B.&M.

1718' FNL 1824' FWL

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

DATE: 09-19-05  
Drawn By: L.K.



NOTE:

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

APPROXIMATE YARDAGES

CUT	
(6") Topsoil Stripping	= 1,840 Cu. Yds.
Remaining Location	= 10,190 Cu. Yds.
<b>TOTAL CUT</b>	<b>= 12,030 CU.YDS.</b>
<b>FILL</b>	<b>= 8,760 CU.YDS.</b>

\* NOTE:

FILL QUANTITY INCLUDES 5% FOR COMPACTION

Excess Material	= 3,270 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	= 3,270 Cu. Yds.
<b>EXCESS UNBALANCE (After Rehabilitation)</b>	<b>= 0 Cu. Yds.</b>

QUESTAR EXPLR. & PROD.

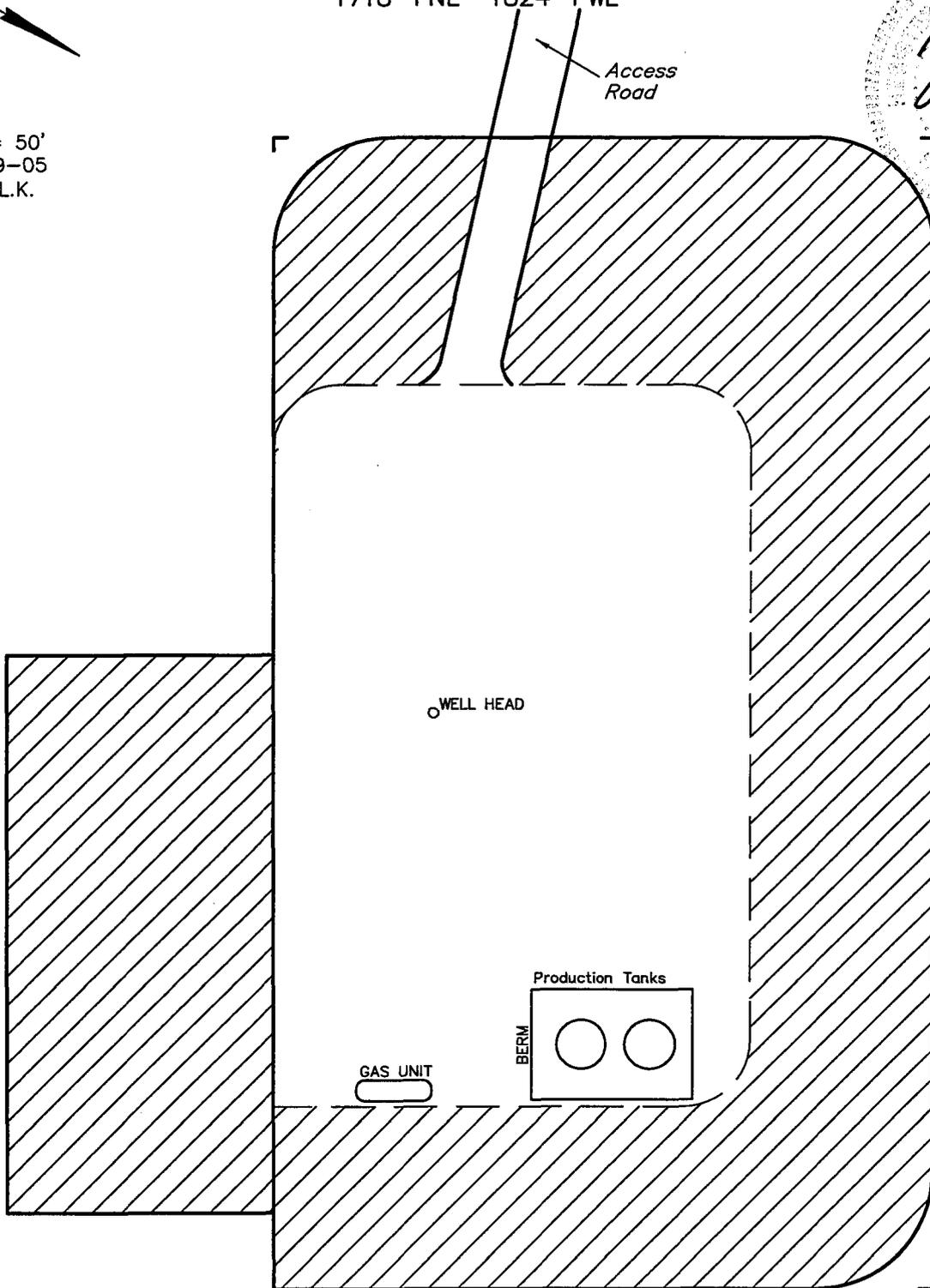
FIGURE #3

INTERIM RECLAMATION PLAN FOR

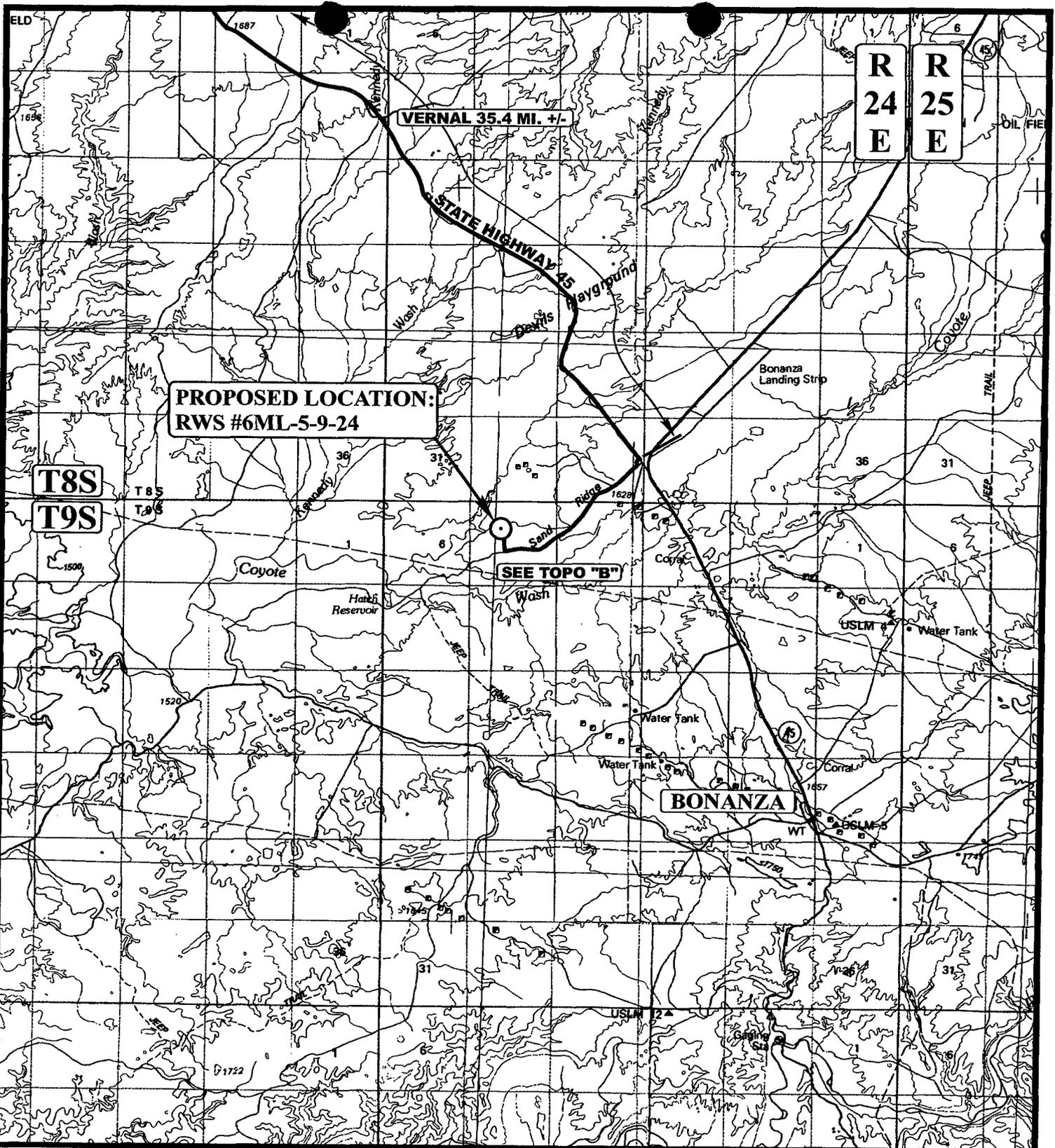
RWS #6ML-5-9-24  
SECTION 5, T9S, R24E, S.L.B.&M.  
1718' FNL 1824' FWL



SCALE: 1" = 50'  
DATE: 09-19-05  
Drawn By: L.K.



 INTERIM RECLAMATION



**LEGEND:**

○ PROPOSED LOCATION

N



**QUESTAR EXPLR. & PROD.**

RWS #6ML-5-9-24  
SECTION 5, T9S, R24E, S.L.B.&M.  
1718' FNL 1824' FWL



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

TOPOGRAPHIC  
MAP

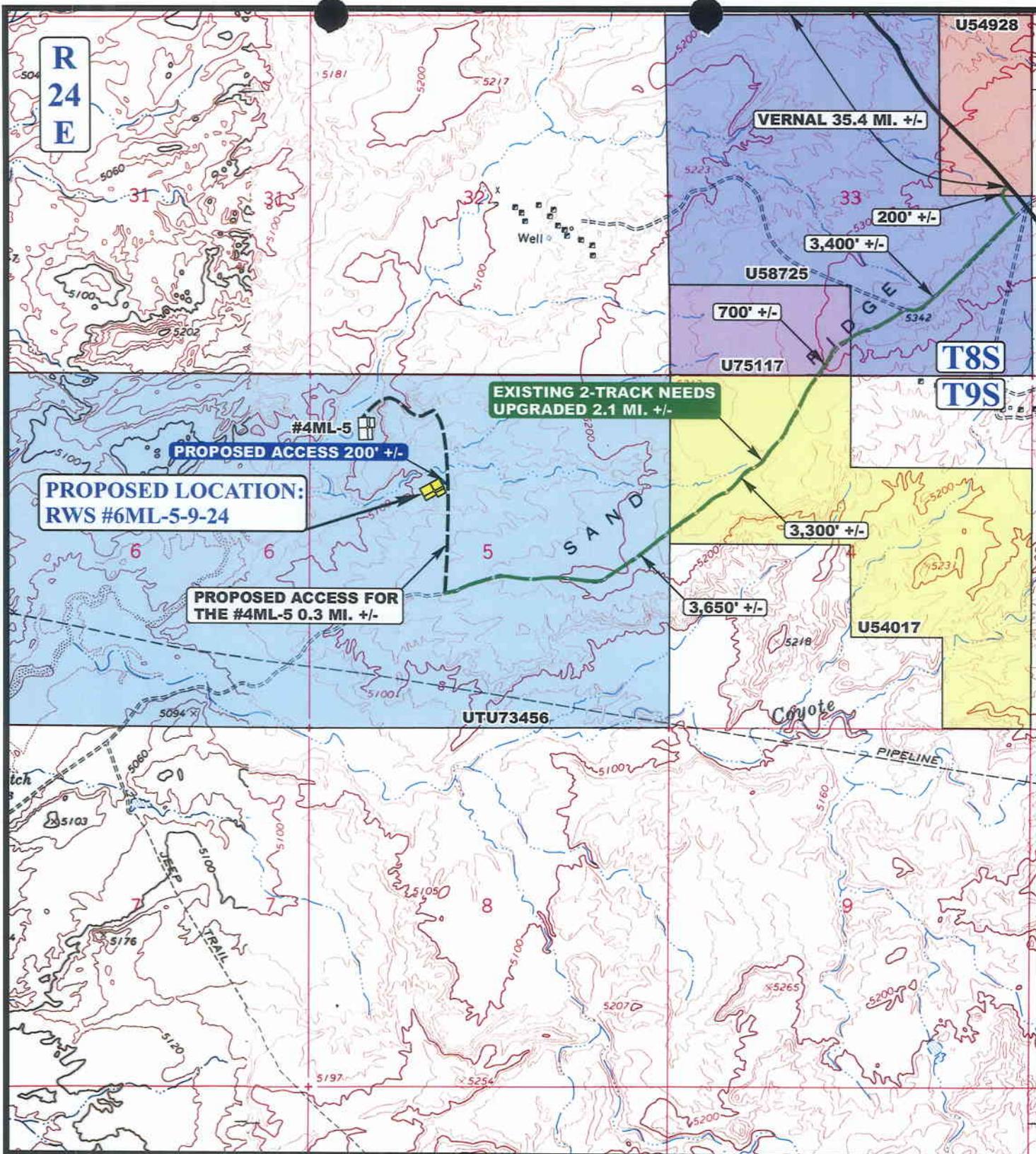
09	19	05
MONTH	DAY	YEAR

SCALE: 1:100,000

DRAWN BY: C.P.

REVISED: 10-26-05





**R  
24  
E**

**PROPOSED LOCATION:  
RWS #6ML-5-9-24**

**PROPOSED ACCESS 200' +/-**

**PROPOSED ACCESS FOR  
THE #4ML-5 0.3 MI. +/-**

**EXISTING 2-TRACK NEEDS  
UPGRADED 2.1 MI. +/-**

**VERNAL 35.4 MI. +/-**

**200' +/-**

**3,400' +/-**

**700' +/-**

**3,300' +/-**

**3,650' +/-**

**U54928**

**U58725**

**U75117**

**T8S**

**T9S**

**U54017**

**UTU73456**

**Coyote**

**PIPELINE**

**LEGEND:**

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



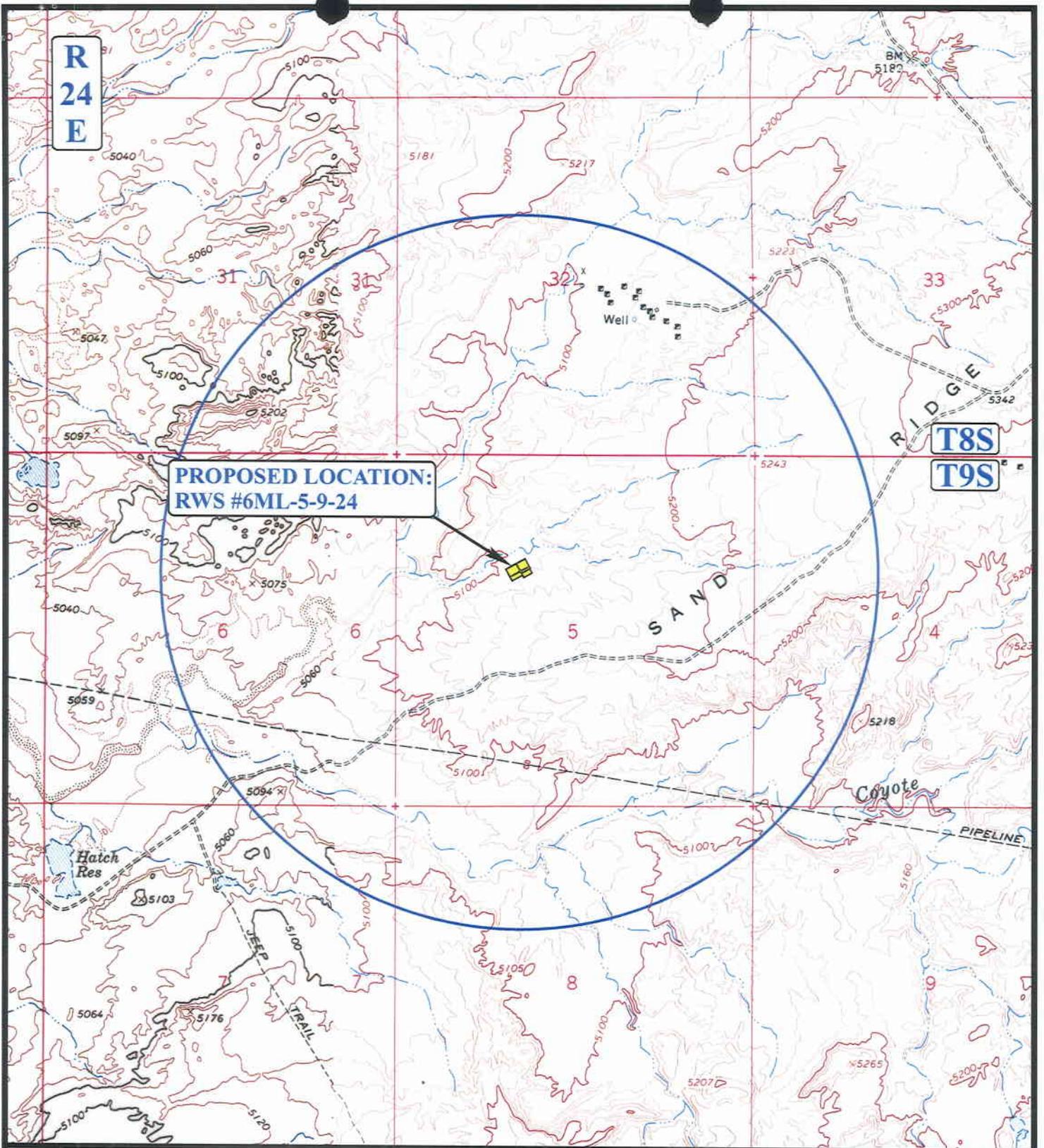
**QUESTAR EXPLR. & PROD.**

**RWS #6ML-5-9-24  
SECTION 5, T9S, R24E, S.L.B.&M.  
1718' FNL 1824' FWL**

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

**TOPOGRAPHIC MAP** 09 19 05  
MONTH DAY YEAR  
SCALE: 1" = 2000' DRAWN BY: C.P. REVISED: 10-26-05

**B**  
TOPO



**PROPOSED LOCATION:  
RWS #6ML-5-9-24**

**LEGEND:**

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



**QUESTAR EXPLR. & PROD.**

**RWS #6ML-5-9-24  
SECTION 5, T9S, R24E, S.L.B.&M.  
1718' FNL 1824' FWL**



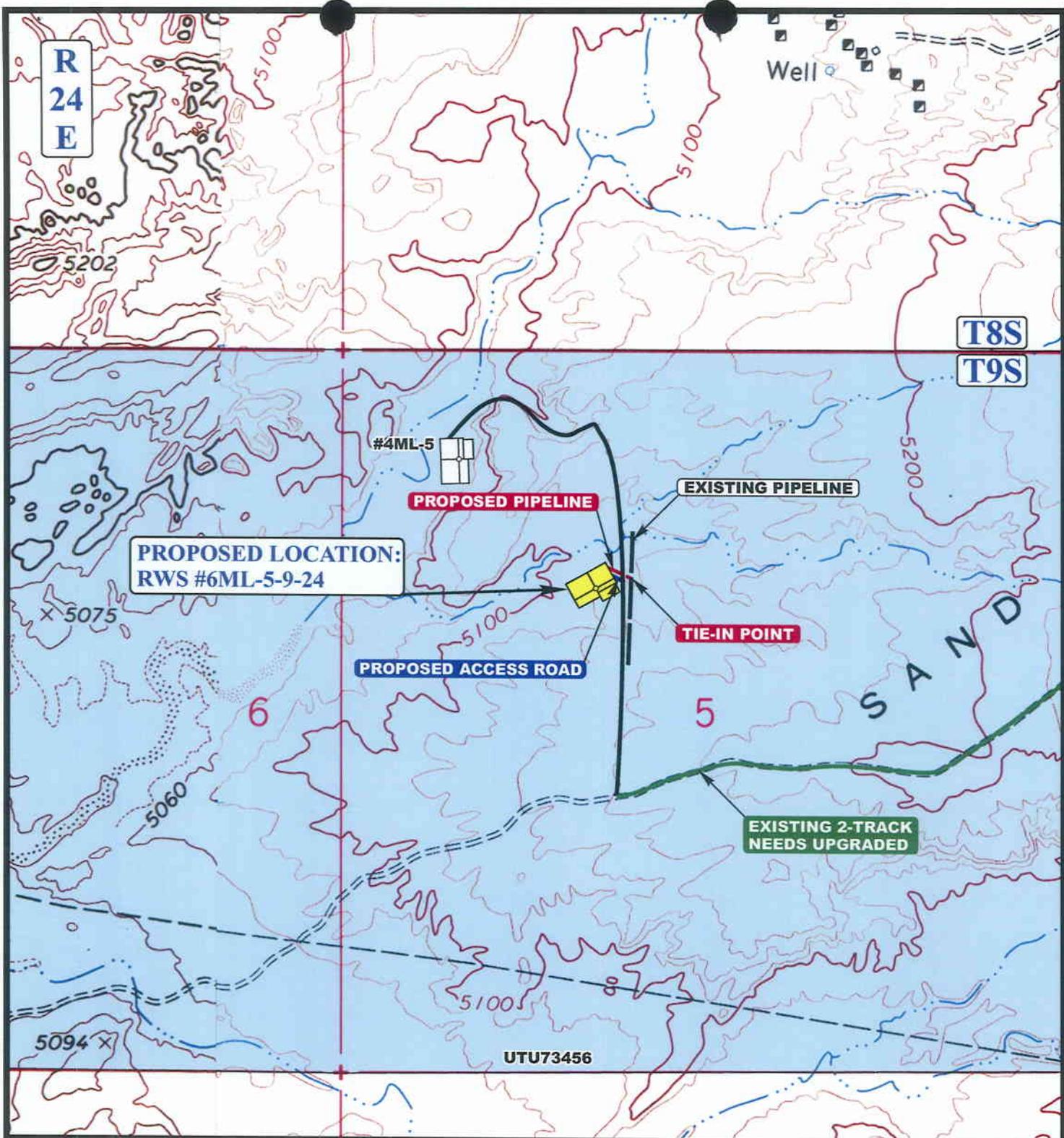
**Utah Engineering & Land Surveying**  
85 South 200 East Vernal, Utah 84078  
(435) 789-1017 \* FAX (435) 789-1813

**TOPOGRAPHIC MAP**

**09 19 05**  
MONTH DAY YEAR

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





**APPROXIMATE TOTAL PIPELINE DISTANCE = 200' +/-**

**LEGEND:**

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



**QUESTAR EXPLR. & PROD.**

**RWS #6ML-5-9-24**  
**SECTION 5, T9S, R24E, S.L.B.&M.**  
**1718' FNL 1824' FWL**



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

**TOPOGRAPHIC MAP** **09 19 05**  
MONTH DAY YEAR

SCALE: 1" = 1000' DRAWN BY: C.P. REVISED: 10-26-05



**WORKSHEET  
APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 11/02/2005

API NO. ASSIGNED: 43-047-37350

WELL NAME: RWS 6ML-5-9-24  
 OPERATOR: QEP UINTA BASIN, INC. ( N2460 )  
 CONTACT: JAN NELSON

PHONE NUMBER: 435-781-4331

PROPOSED LOCATION:

SENW 05 090S 240E  
 SURFACE: 1718 FNL 1824 FWL  
 BOTTOM: 1718 FNL 1824 FWL  
 UINTAH  
 WILDCAT ( 1 )

INSPECT LOCATN BY: / /		
Tech Review	Initials	Date
Engineering	Duo	11/22/05
Geology		
Surface		

LEASE TYPE: 1 - Federal  
 LEASE NUMBER: UTU-73456  
 SURFACE OWNER: 1 - Federal  
 PROPOSED FORMATION: WSMVD  
 COALBED METHANE WELL? NO

LATITUDE: 40.06713  
 LONGITUDE: -109.2402

RECEIVED AND/OR REVIEWED:

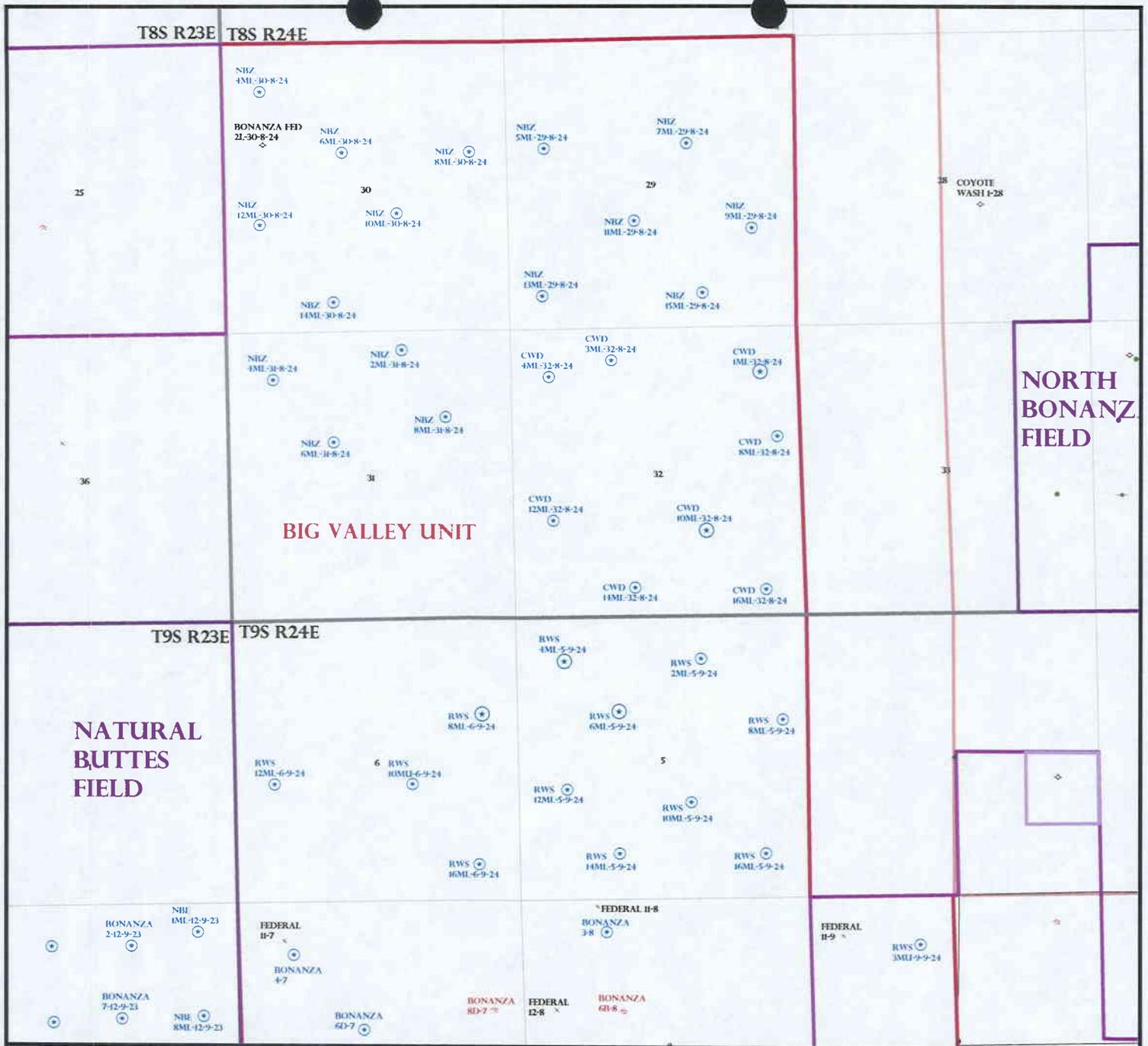
- Plat
- Bond: Fed[1] Ind[] Sta[] Fee[]  
(No. ESB000024 )
- Potash (Y/N)
- Oil Shale 190-5 (B) or 190-3 or 190-13
- Water Permit  
(No. 43-8496 )
- RDCC Review (Y/N)  
(Date: \_\_\_\_\_ )
- Fee Surf Agreement (Y/N)
- Intent to Commingle (Y/N).  
(Wesatch, Mesa Verde)

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: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

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



**NORTH  
BONANZA  
FIELD**

**BIG VALLEY UNIT**

**NATURAL  
BUTTES  
FIELD**

OPERATOR: QEP UINATA BASIN INC (N2460)

SEC: 5 T. 9S R. 24E

FIELD: WILDC AT (001)

COUNTY: UNITAH

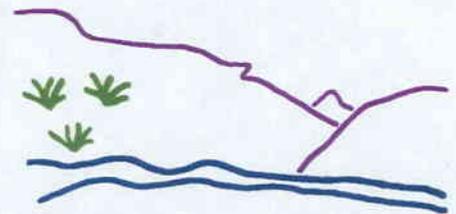
SPACING: R649-3-3 / EXCEPTION LOCATION

- 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: 2-NOVEMBER-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)

November 7, 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)		
43-047-37350	RWS 6ML-5-9-24	Sec 5 T09S R24E 1718 FNL 1824 FWL
43-047-37351	RWS 4ML-5-9-24	Sec 5 T09S R24E 0794 FNL 0845 FWL
43-047-37352	RWS 8ML-6-9-24	Sec 6 T09S R24E 1733 FNL 0675 FEL
43-047-37346	CWD 1ML-32-8-24	Sec 32 T08S R24E 0833 FNL 0764 FEL
43-047-37347	CWD 10ML-32-8-24	Sec 32 T08S R24E 1564 FSL 1800 FEL

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:11-7-05



**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 22, 2005

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

Re: RWS 6ML-5-9-24 Well, 1718' FNL, 1824' FWL, SE NW, 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.

Appropriate information has been submitted to DOGM and administrative approval of the requested exception location is hereby 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 43-047-37350.

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 6ML-5-9-24  
API Number: 43-047-37350  
Lease: UTU-73456

Location: SE NW                      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.

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

FORM 9

**CONFIDENTIAL**

<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>QEP UINTA BASIN, INC</b>		8. WELL NAME and NUMBER: <b>RWS 6ML-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>4304737350</b>
4. LOCATION OF WELL FOOTAGES AT SURFACE: <b>1718' FNL 1824' FWL</b>		10. FIELD AND POOL, OR WILDCAT: <b>WILDCAT</b>
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: <b>SENW 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"/> 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: <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.  
QEP Uinta Basin, Inc. hereby requests a 1 year extension on the RWS 6ML-5-9-24.

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

Date: 11-21-06  
By: [Signature]

SENT TO OPERATOR  
11-21-06  
pm

NAME (PLEASE PRINT) <u>Laura Bills</u>	TITLE <u>Regulatory Assistant</u>
SIGNATURE <u>[Signature]</u>	DATE <u>11/16/2006</u>

(This space for State use only)

**RECEIVED  
NOV 20 2006**

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

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

**API:** 43-047-37350  
**Well Name:** RWS 6ML-5-9-24  
**Location:** 1718' FNL 1824' FWL SENW, SEC. 5, T9S, R24E  
**Company Permit Issued to:** QEP UINTA BASIN, INC.  
**Date Original Permit Issued:** 11/22/2005

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

*Laura Bills*  
Signature

11/16/2006  
Date

Title: REGULATORY ASSISTANT

Representing: QEP UINTA BASIN, INC.

RECEIVED

NOV 20 2006

DIV. OF OIL, GAS & MINING



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	SENW	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	SENW	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	SENW	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	SENW	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.**

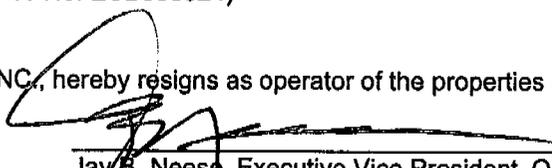
Effective January 1, 2007 operator of record, QEP Uinta Basin, Inc., will hereafter be known as QUESTAR EXPLORATION AND PRODUCTION COMPANY. This name change involves only an internal corporate name change and no third party change of operator is involved. The same employees will continue to be responsible 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

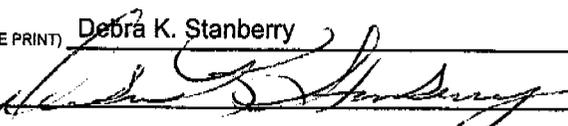
Fee Land Bond Number: 965003033

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>

(This space for State use only)

**RECEIVED**

**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.

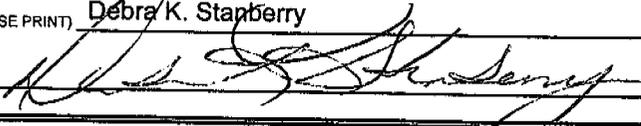
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: see attached
2. NAME OF OPERATOR: QUESTAR EXPLORATION AND PRODUCTION COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: see attached
3. ADDRESS OF OPERATOR 1050 17th Street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

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

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

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

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

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

(This space for State use only)

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



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

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



IN REPLY REFER TO  
3180  
UT-922

April 23, 2007

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

Re: 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

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APR 30 2007

DIV. OF OIL, GAS, & MINING

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED  
SUBMIT IN TRIPPLICATE

OCT 31 2005

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

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

TYPE OF WORK  
 DRILL  DEEPEN

TYPE OF WELL  
   SINGLE ZONE  MULTIPLE ZONE

OIL WELL GAS WELL OTHER

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, WELL NO.  
RWS 6ML-5-9-24

2. NAME OF OPERATOR  
QEP UINTA BASIN, INC.

Contact: Jan Nelson  
E-Mail: jan.nelson@questar.com

9. API NUMBER:  
43-049-37350

3. ADDRESS  
11002 E. 17500 S. Vernal, Ut 84078

Telephone number  
Phone 435-781-4331 Fax 435-781-4323

10. FIELD AND POOL, OR WILDCAT  
UNDESIGNATED

4. LOCATION OF WELL (Report location clearly and in accordance with and State requirements\*)  
At Surface 1718' FNL 1824' FWL, SENW, SECTION 5, T9S, R24E  
At proposed production zone

11. SEC., T, R, M, OR BLK & SURVEY OR AREA  
SEC. 5, T9S R24E Mer SLB

14. DISTANCE IN MILES FROM NEAREST TOWN OR POSTOFFICE\*  
35 +/- SOUTHEAST OF VERNAL, UTAH

12. COUNTY OR PARISH 13. STATE  
Uintah UT

15. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT.  
(also to nearest drig, unit line if any)  
1718' +/-

16. NO. OF ACRES IN LEASE  
1239.79

17. NO. OF ACRES ASSIGNED TO THIS WELL  
40

18. DISTANCE FROM PROPOSED location to nearest well, drilling, completed, applied for, on this lease, ft

19. PROPOSED DEPTH  
9000'

20. BLM/BIA Bond No. on file  
ESB000024

21. ELEVATIONS (Show whether DF, RT, GR, ect.)  
5114.6' GR

22. DATE WORK WILL START  
ASAP

23. Estimated duration  
10 days

24. Attachments

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

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

SIGNED

*Jan Nelson*

Name (printed/typed) Jan Nelson

DATE October 31, 2005

TITLE

Regulatory Affairs

Accepted by the  
Utah Division of  
Oil, Gas and Mining

RECEIVED

JAN 30 2007

FOR RECORD ONLY

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

DIV. OF OIL, GAS & MINING

CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY

*[Signature]*

TITLE

Assistant Field Manager  
Lands & Mineral Resources

DATE

1-24-2007

\*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

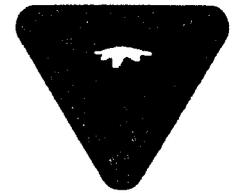
CONDITIONS OF APPROVAL ATTACHED

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 Uintah Basin, Inc.  
Well No: RWS 6ML-5-9-24  
API No: 43-047-37350

Location: SENW, Sec 5, T9S, R24E  
Lease No: UTU-73456  
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
Petroleum Engineer:	Jim Ashley	Office: 435-781-4470	Cell: 435-828-7874
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: 435-781-4513</b>		Fax: 435-781-4410	

**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 (Notify Karl Wright) - Forty-Eight (48) hours prior to construction of location and access roads.
- Location Completion (Notify Karl Wright) - Prior to moving on the drilling rig.
- Spud Notice (Notify Petroleum Engineer) - Twenty-Four (24) hours prior to spudding the well.
- Casing String & Cementing (Notify Jamie Sparger) - Twenty-Four (24) hours prior to running casing and cementing all casing strings.
- BOP & Related Equipment Tests (Notify Jamie Sparger) - Twenty-Four (24) hours prior to initiating pressure tests.
- First Production Notice (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)***

**SITE SPECIFIC CONDITIONS OF APPROVAL**

- 1.* The buried pipeline exception request has been received. It has been determined that the pipeline route has bedrock exposed at the surface. The exception is granted for a surface pipeline.

**GENERAL SURFACE CONDITIONS OF APPROVAL**

- 1.* Operator shall notify any active gilsonite mining operation within 2 miles of the location 48 hours prior to any blasting during construction for this well.

### ***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**

1. Oil shall not to be used in the water based mud system without prior approval. Written request for approval shall be required.
2. **COA version for Exploratory UnDesignated Wildcat**  
A casing shoe integrity test shall be run on the surface casing shoe.
3. **coa version for Not close to gilsonite vein, but on trend to gilisonite vein deposits.**
  - a. **COA SurfaceUse**  
Operator is to notify gilsonite lease holder prior to pad explosives blasting. Well is not close to gilsonite vein, but on trend to gilisonite vein deposits.
4. **COA version for bope upgrade to a 5m system from the proposed 3m**  
The operator is required to upgrade the BOPE to a 5M system. The operator's proposed BOPE of 3M is less then the ASP and is therefore deficient.
5. Production casing cement shall be brought up and into the surface casing. The minimum cement top is 200 ft above the surface casing shoe.
6. A cement Bond Log (CBL) shall be run from the production casing shoe to the surface casing shoe.
7. A field copy of the CBL shall be submitted to the BLM Vernal Field Office.

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

1. 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.
2. The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
3. **Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.**
4. Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.

All BOPE components shall 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 shall be performed by a test pump with a chart recorder and **NOT** by the rig pumps. Test shall be reported in the driller's log.

BOP drills shall 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.

Cement baskets shall not be run on surface casing.

The lessee/operator must report all shows of water or water-bearing sands to the BLM. If flowing water is encountered it must be sampled and analyzed (a copy of the analyses to be submitted to the BLM Field Office in Vernal, Utah).

All oil and gas shows shall be adequately tested for commercial possibilities, reported, and protected.

The lessee/operator must report encounters of all non oil & gas mineral resources (such as Gilsonite, tar sands, oil shale, etc.) to Peter Sokolosky or another geologist of the Vernal Field Office, in writing, within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.

5. All shows of fresh water and minerals shall be reported and protected. A sample shall be taken of any water flows and a water analysis furnished the BLM, Vernal Field Office. All oil and gas shows shall be adequately tested for commercial possibilities, reported, and protected.
6. No location shall be constructed or moved, no well shall be plugged, and no drilling or workover equipment shall 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 shall be obtained and notification given before resumption of operations.
7. Chronologic drilling progress reports shall 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.
8. Any change in the program shall be approved by the BLM, Vernal Field Office. "Sundry Notices and Reports on Wells" (Form BLM 3160-5) shall 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, shall 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 shall 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.

9. Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall 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, shall 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) shall be submitted only when requested by the BLM, Vernal Field Office.
10. A cement bond log (CBL) will be run from the production casing shoe to the top of the cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.
- 11. Please submit an electronic copy of all other logs run on this well in LAS format to UT\_VN\_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.**
12. All off-lease storage, off-lease measurement, or commingling on-lease or off-lease shall have prior written approval from the BLM, Vernal Field Office.
13. All measurement points shall be identified as point of sales or allocation for royalty determination prior to the installation of facilities.
14. Oil and gas meters shall 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 shall 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.
15. 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.

16. 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:
  - a. Operator name, address, and telephone number.
  - b. Well name and number.
  - c. Well location (¼¼, Sec., Twn, Rng, and P.M.).
  - d. Date well was placed in a producing status (date of first production for which royalty will be paid).
  - e. 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).
  - f. 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.
  - g. Unit agreement and / or participating area name and number, if applicable.
  - h. Communitization agreement number, if applicable.
17. Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from Field Office Petroleum Engineers.
18. 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, shall 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
19. 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.
20. 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.

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.*

**COPIES**

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 6ML-5-9-24

9. API Well No.

43-047-37350

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: STEVEN HALL

3a. Address

1571 East 1700 South, Vernal, UT 84078

3b. Phone No. (include area code)

303-672-6919

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

1718' FNL 1824' FWL, SENW, 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.)

QEP Uinta Basin, Inc. proposes to drill this well to the Dakota formation. The proposed TD was 9000', the new proposed TD will be 13,050'. Please refer to revised 8-point drilling plan, cement and BOP.

Qep Uinta Basin, Inc. proposes to change the well name from RWS 6ML-5-9-24 to RWS 6D-5-9-24.

Approved by the  
Utah Division of  
Oil, Gas and Mining

Federal Approval of this  
Action is Necessary

Date: 04-05-07

By: *[Signature]*

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

Name (Printed/Typed)

Laura Bills

Title

Regulatory Assistant

COPY SENT TO OPERATOR

Signature

*Laura Bills*

Date

March 30, 2007

Date: 4-6-07

Initials: pm

**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

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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.

APR 02 2007

(Instructions on reverse)

DIV OF OIL, GAS & MINING

DRILLING PROGRAM

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

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

1. **Formation Tops**

The estimated tops of important geologic markers are as follows:

<u>Formation</u>	<u>Depth</u>
Uinta	Surface
Green River	1,075'
Mahogany	2,207'
Wasatch	4,224'
Mesaverde	5,678'
Sego	7,700'
Bucktongue	7,780'
Castlegate	7,870'
Mancos Shale	8,341'
Mancos B	9,163'
Frontier	11,475'
Dakota Silt	12,313'
Dakota Sandstone	12,495'
TD	13,050'

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	4,224'
Gas	Mesaverde	5,678'
Gas	Mancos	8,341'
Gas	Dakota	12,495'

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

DRILLING PROGRAM

be submitted to the BLM along with any water analyses conducted. Fresh water will be obtained from Wonsits Valley water right # A36125 (which was filed on May 7, 1964,) or Red Wash water right # 49-2153 (which was filed on March 25, 1960). It was determined by the Fish and Wildlife Service that any water right number filed before 1989 is not depleting to the Upper Colorado River System, to supply fresh water for drilling purposes. All water resulting from drilling operations will be disposed of at Red Wash Central Battery Disposal Site; SWSE, Section 27, T7S, R23E or Wonsits Valley Disposal Site; SWNW, Section 12, T8S, R21E.

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

- A. 10,000 psi double gate, 10,000 psi single gate, 10,000 psi annular BOP (schematic attached)
- 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 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	8,500'	26.0	HCP-110	LTC	New
6-1/8"	4-1/2"	sfc	13,050'	13.5	P-110	LTC	New

DRILLING PROGRAM

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.

**MINIMUM DESIGN FACTORS:**

COLLAPSE: 1.125  
 BURST: 1.10  
 TENSION: 1.80

Area Fracture Gradient: 0.9 psi/foot  
 Maximum anticipated mud weight: 13.0 ppg  
 Maximum surface treating pressure: 8,200 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.

## DRILLING PROGRAM

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 13.0 ppg.

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

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

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

### 6. Testing, logging and coring program

- A. Cores – none anticipated
- B. DST – none anticipated
- C. Logging – Mud logging – 3000' to TD  
GR-SP-Induction, Neutron Density
- D. Formation and Completion Interval: Dakota, Mancos, Mesaverde, Wasatch intervals, 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/Tail Slurry:** 0' – 2,200'. 760 sks (1375 cu ft) Rockies LT cement + 0.25 lb/sk Kwik Seal + 0.125 lb/sk Poly-E-Flake. Slurry wt: 13.5 ppg, Slurry yield: 1.81 ft<sup>3</sup>/sk, Slurry volume: 12-1/4" hole + 100% excess.

#### **7" Intermediate Casing: sfc - 8,500' (MD)**

**Lead Slurry:** 0' – 4,000'. 200 sks (770 cu ft) Halliburton Hi-Fill cement. Slurry wt: 11.0 ppg, Slurry yield: 3.84 ft<sup>3</sup>/sk, Slurry volume: 8-3/4" hole + 50% excess in open hole section.

**Tail Slurry:** 4,000' – 8,500'. 820 sks (1015 cu ft) 50/50 Poz Premium + 0.6% Halad (R)-322 fluid loss + 2.0% Microbond M expander + 5% salt + 0.125 lb/sk Poly-E-Flake. Slurry wt: 14.35 ppg, Slurry yield: 1.24 ft<sup>3</sup>/sk, Slurry volume: 8-3/4" hole + 50% excess.

## DRILLING PROGRAM

### **4-1/2" Production Casing: sfc - 13,050' (MD)**

**Lead Slurry:** 0' - 4,000'. 110 sks (425 cu ft) Halliburton Hi-Fill cement + 5 lb/sk Gilsonite + 3 lb/sk Granulite TR ¼ + 0.8% HR-7 retarder. Slurry wt: 11.0 ppg, Slurry yield: 3.85 ft<sup>3</sup>/sk, Slurry volume: 4-1/2" casing inside 7" casing.

**Tail Slurry:** 4,000' - 13,050'. 1040 sks (1290 cu ft) 50/50 Poz Premium + 0.6% Halad (R)-322 fluid loss + 2.0% Microbond M expander + 5% salt + 0.2% HR-5 retarder + 0.125 lb/sk Poly-E-Flake. 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.

\*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 5,000' 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 8,820 psi. Maximum anticipated bottom hole temperature is 210° F.

5M BOP STACK

11" Rotating Head

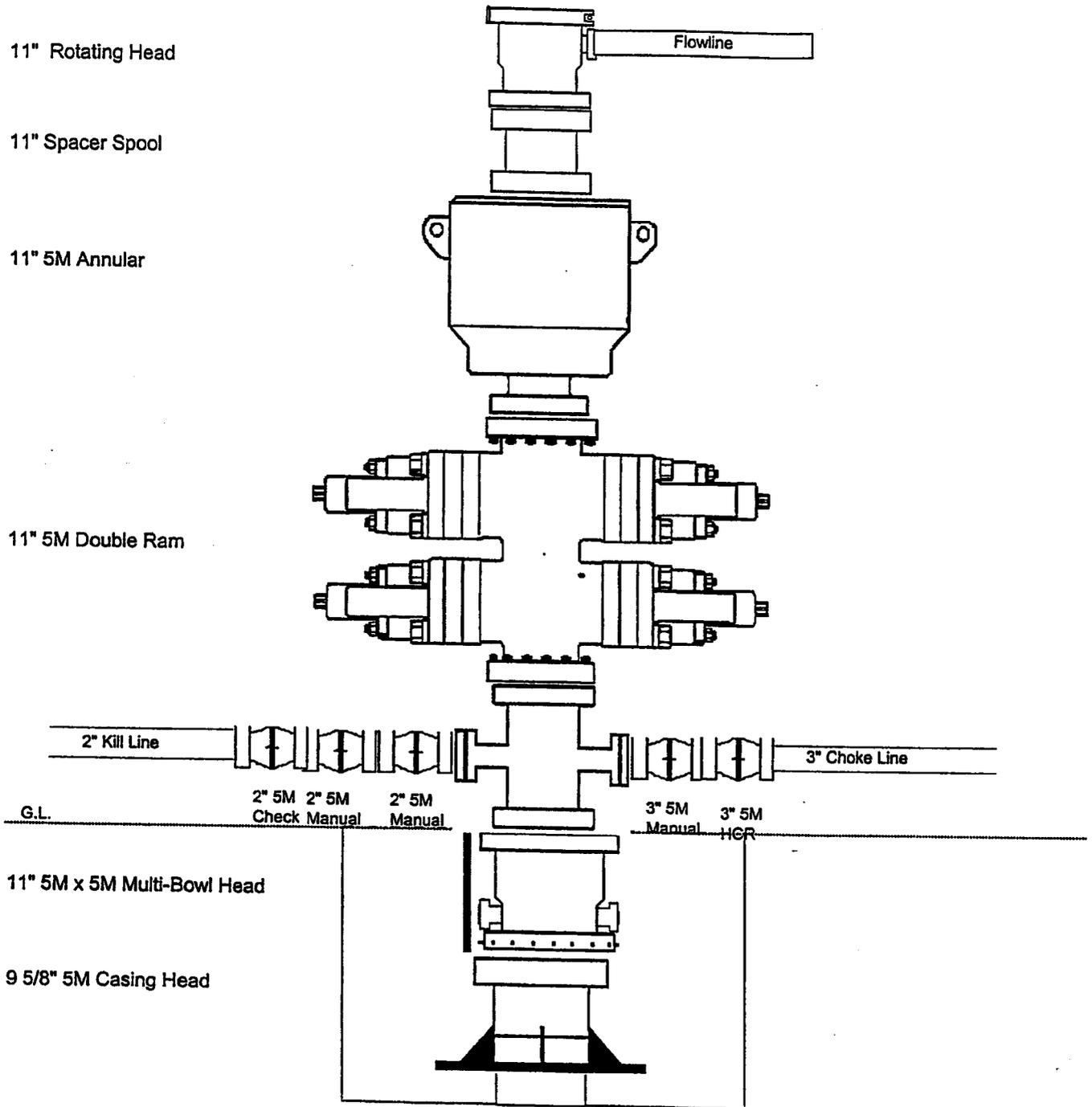
11" Spacer Spool

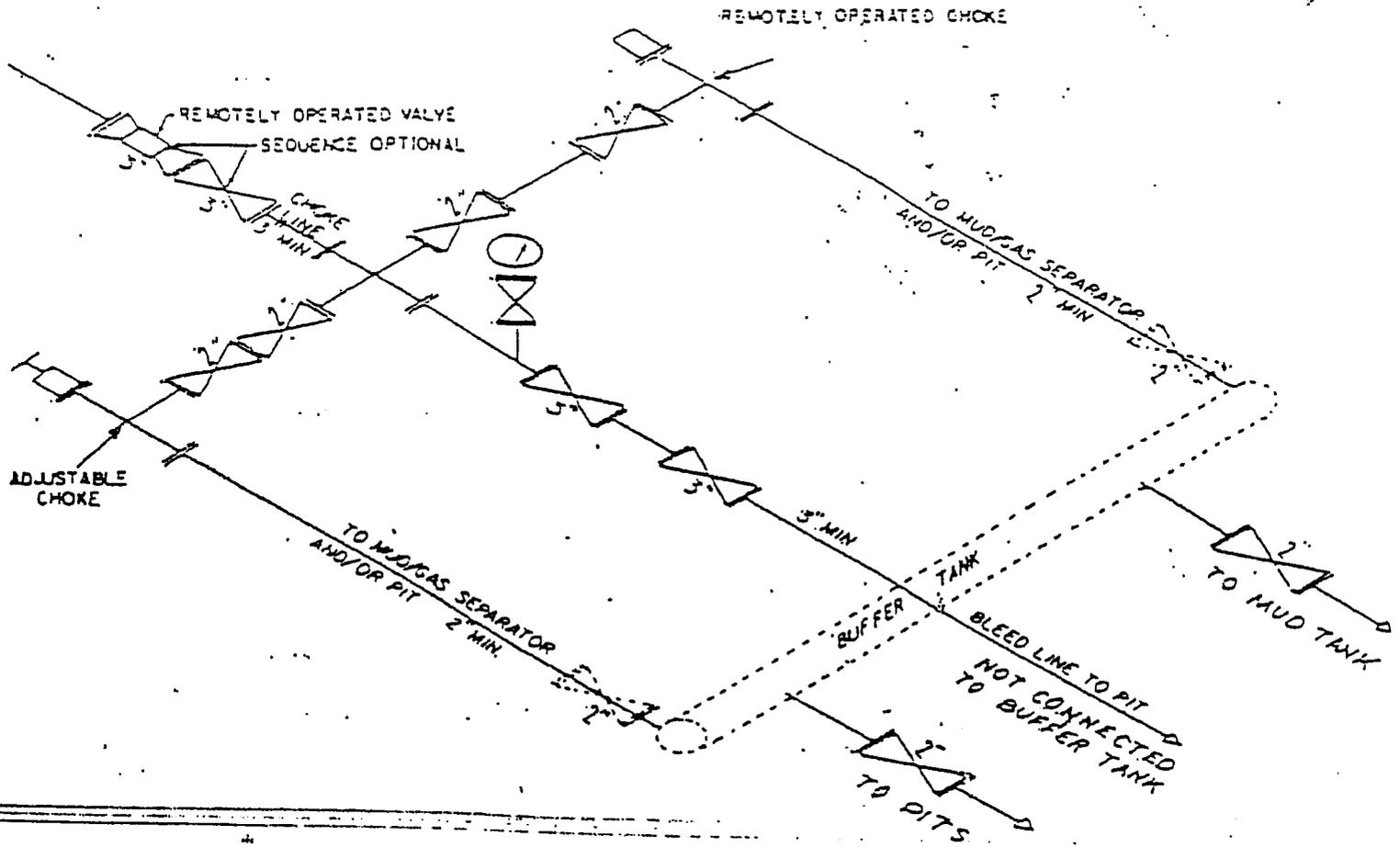
11" 5M Annular

11" 5M Double Ram

11" 5M x 5M Multi-Bowl Head

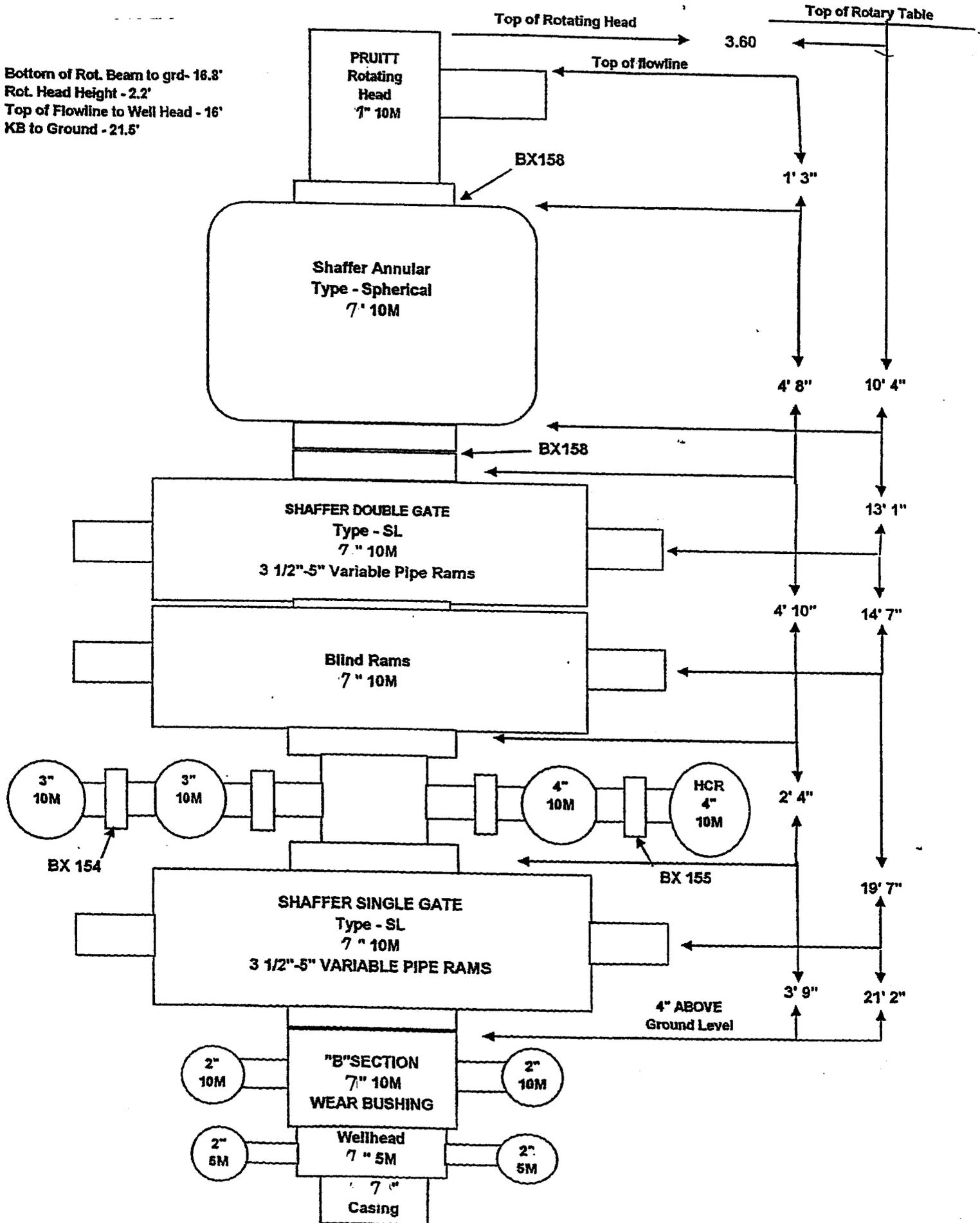
9 5/8" 5M Casing Head



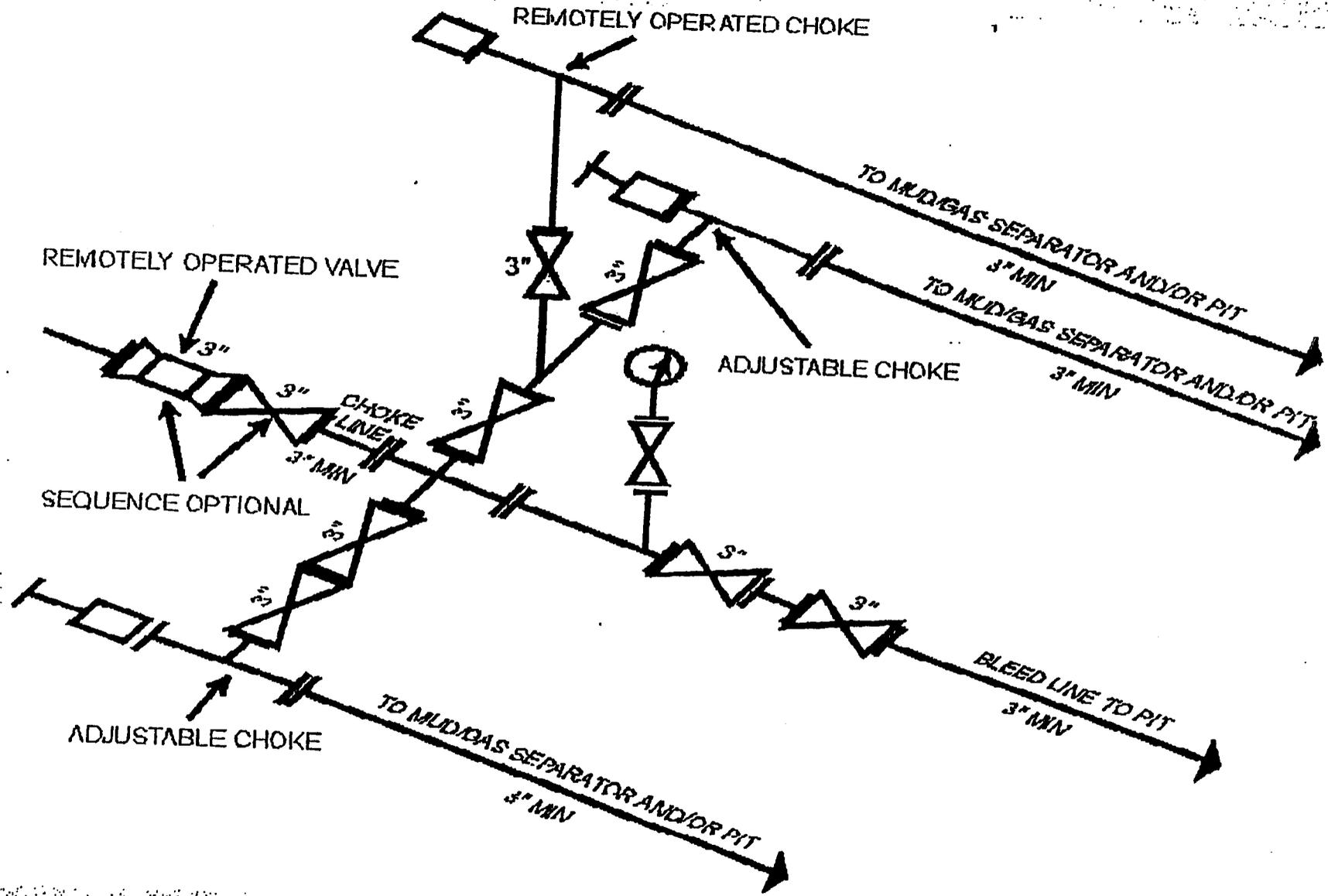


② SM CHOKE MANIFOLD EQUIPMENT — CONFIGURATION OF CHOKES MAY VARY

Bottom of Rot. Beam to grd- 16.8'  
 Rot. Head Height - 2.2'  
 Top of Flowline to Well Head - 16'  
 KB to Ground - 21.5'



Attachment I. Diagrams of Choke Manifold Equipment



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

[34 FR 39528, Sept. 27, 1969]

Last Updated March 25, 1997 by John Broderick

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**Operations Summary Report**

Well Name: RWS 6D-5-9-24 Spud Date: 4/23/2007  
 Location: 6-9-S 24-E 26 Rig Release:  
 Rig Name: TRUE Rig Number: 26  
43-047-37350

Date	From - To	Hours	Code	Sub Code	Description of Operations
4/14/2007	-				MIRU PEPE MARTIN 4/13/2007. DRILL 40' OF 20" COND HOLE. RUN 1 JT 14" CONDUCTOR PIPE. CEMENTT W/ READY MIX. DRILL RAT AND MOUSE HOLE FOR TRUE 26. RIG DOWN RELEASE 4/14/2007 MIRU BILLJR. RIG 8. 4/13/2007 DRILL 2230' OF 12.25" HOLE. RUN 50 JOINTS OF 9 5/8" 36# J-55 TO DEPTH OF 2209'. RIG DOWN AND RELEASE 4/14/2007 HIT WATER AT 300' AND 1000' MIRU BIG 4 CEMENTERS 4/14/2007 CEMENT SURFACE CASING WITH 220 SACKS OF LEAD AND 200 SACKS OF TAIL. TOP OUT WITH 200 SACKS. RIG DOWN AND RELEASE 4/14/2007
4/23/2007	06:00 - 21:00	15.00	LOC	3	MOVE RIG FROM RWS 6D-9-24 WITH WESROC TRUCKING. TRUCKS BEGAN SHOWING UP AT 0800 4/23/2007 AND WERE FINISHED MOVING RIG AT 2000 HRS. TRUCKS WERE RELEASED AT 2000 HOURS 4/23/2007 WAIT ON DAYLIGHT.
4/24/2007	21:00 - 06:00	9.00			N/U BOP ( 5 HANDS 8 HR RIG UP)
	06:00 - 09:30	3.50	BOP	1	TEST BOP 3000# CSG 1500#
	09:30 - 13:30	4.00	BOP	2	P/U BHA
	13:30 - 15:00	1.50	TRP	1	TRIP T/ CHANGE. FROM DOG SUB. T/ IBS. THAT JIM ISENHOUR ORDED. WAS LATE GETTING TO LOC.
	15:00 - 16:00	1.00	TRP	2	P/U DRILL STRING
	16:00 - 19:00	3.00	TRP	1	DRILL CMT. FLT & SHOE.
	19:00 - 21:00	2.00	DRL	4	DRILL F/ 2221' T/ 2294' ( SPUD 4/23/2007 @21:00 )
	21:00 - 22:00	1.00	DRL	1	TIGHTED PUMP BELTS,
	22:00 - 22:30	0.50	RIG	2	DRILL F/ 2294' T/ 2324'
	22:30 - 23:00	0.50	DRL	1	SURVEY @ 2245' 3 DEG.
	23:00 - 23:30	0.50	SUR	1	DRILL F/ 2324' T/ 2482'
	23:30 - 00:30	1.00	DRL	1	SURVEY @ 2400' 3 DEG.
	00:30 - 01:00	0.50	SUR	1	DRILL F/ 2482' T/ 2768'
	01:00 - 03:00	2.00	DRL	1	SURVEY @ 2690' 3 DEG
	03:00 - 03:30	0.50	SUR	1	DRILL F/ 2768' T/ 3150'
4/25/2007	03:30 - 06:00	2.50	DRL	1	DRILL F/ 3150' T/ 3337'
	06:00 - 07:00	1.00	DRL	1	SURVEY @ 3262' 3 1/4 DEG
	07:00 - 07:30	0.50	SUR	1	DRILL F/ 3337' T/ 3843'
	07:30 - 12:00	4.50	DRL	1	SURVEY @ 3768' 3 DEG.
	12:00 - 12:30	0.50	SUR	1	DRILL F/ 3843' T/ 3939'
	12:30 - 13:00	0.50	DRL	1	RIG SERVICE.
	13:00 - 13:30	0.50	RIG	1	DRILL F/ 3939' T/ 4319'
	13:30 - 20:30	7.00	DRL	1	SURVEY @ 4242' 2 1/2 DEG
	20:30 - 21:00	0.50	SUR	1	DRILL F/ 4319' T/ 4710' ( START MUD UP @ 4351' ) VIS 40 WT 9.4
4/26/2007	21:00 - 06:00	9.00	DRL	1	DRILL F/ 4710' T/ 4827'
	06:00 - 08:30	2.50	DRL	1	SURVEY. PUMP PILL. ( SURVERY @ 4757' 2 DEG.
	08:30 - 09:00	0.50	SUR	1	TRIP F/ BIT# 2 ( P/U JARS)
	09:00 - 13:30	4.50	TRP	10	WASH & REAM F/ 4550' T/ 4827'
	13:30 - 15:00	1.50	REAM	1	DRILL F/ 4827' T/ 5141'
	15:00 - 20:00	5.00	DRL	1	RIG SERVICE.
	20:00 - 20:30	0.50	RIG	1	DRILL F/ 5141' T/ 5331'
	20:30 - 23:30	3.00	DRL	1	SURVEY @ 5256' 2 1/2 DEG.
	23:30 - 00:00	0.50	SUR	1	DRILL F/ 5331' T/ 5640'
4/27/2007	00:00 - 06:00	6.00	DRL	1	DRILL F/ 5640' T/ 5837'
	06:00 - 09:00	3.00	DRL	1	SURVEY @ 5762' 3 DEG.
	09:00 - 09:30	0.50	SUR	1	DRILL F/ 5837' T/ 5900'
	09:30 - 10:00	0.50	DRL	1	

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**Questar E & P** Page 2 of 3

**Operations Summary Report**

Well Name: RWS 6D-5-9-24 Spud Date: 4/23/2007  
 Location: 6-9-S 24-E 26 Rig Release:  
 Rig Name: TRUE Rig Number: 26

Date	From - To	Hours	Code	Sub Code	Description of Operations
4/27/2007	10:00 - 10:30	0.50	RIG	1	RIG SERVICE.
	10:30 - 16:30	6.00	DRL	1	DRILL F/ 5900' T/ 6345'
	16:30 - 17:00	0.50	SUR	1	SURVEY @ 6275' 4 DEG
	17:00 - 22:30	5.50	DRL	1	DRILL F/ 6345' T/ 6567' ( 15-16,000 WT)
	22:30 - 23:00	0.50	SUR	1	SURVEY @ 6490' 4 DEG.
	23:00 - 06:00	7.00	DRL	1	DRILL F/ 6567' T/ 6760' ( 15-16,000 wt)
4/28/2007	06:00 - 07:00	1.00	DRL	1	DRILL F/ 6740' T/ 6789'
	07:00 - 07:30	0.50	SUR	1	SURVEY @ 6714' 4 DEG.
	07:30 - 10:30	3.00	DRL	1	DRILL F/ 6789' 6884'
	10:30 - 11:00	0.50	RIG	1	RIG SERVICE.
	11:00 - 13:00	2.00	DRL	1	DRILL F/ 6884' T/ 6920'
	13:00 - 13:30	0.50	SUR	1	DROP SURVEY. PUMP PILL. SURVEY @ 6890' 3 1/2 DEG.
	13:30 - 14:00	0.50	TRP	10	TRIP F/ BIT # 3
	14:00 - 15:00	1.00	FISH	6	WORK TIGHT HOLE F/ 6850' T/ 5750'
	15:00 - 18:30	3.50	TRP	10	TRIP ( TIGHT F/ 5750' T/ 4467')
	18:30 - 19:30	1.00	TRP	1	L/D SQ. MOTOR. P/U HUNTING MOTOR .15 & STAB 60' UP
	19:30 - 22:30	3.00	TRP	10	TRIP IN HOLE
	22:30 - 23:30	1.00	REAM	1	WASH & REAM 90' BTM.
	23:30 - 06:00	6.50	DRL	1	DRILL F/ 6920' T/ 7080' ( 16,000 WT)
	4/29/2007	06:00 - 06:30	0.50	SUR	1
06:30 - 10:00		3.50	DRL	1	DRILL F/ 7080' T/ 7145'
10:00 - 10:30		0.50	RIG	1	RIG SERVICE.
10:30 - 18:00		7.50	DRL	1	DRILL F/ 7145' T/ 7302'
18:00 - 18:30		0.50	SUR	1	SURVEY @ 7225' 3 DEG
18:30 - 06:00		11.50	DRL	1	DRILL F/ 7302' T/ 7515'
4/30/2007	06:00 - 06:30	0.50	DRL	1	DRILL F/ 7515' T/ 7524'
	06:30 - 07:00	0.50	SUR	1	SURVEY @ 7479' 3 DEG.
	07:00 - 11:00	4.00	DRL	1	DRILL RF/ 7524' T/ 7619'
	11:00 - 11:30	0.50	RIG	1	RIG SERVICE.
	11:30 - 18:00	6.50	DRL	1	DRILL F/ 7619' T/ 7759'
	18:00 - 18:30	0.50	RIG	2	PUMP REPAIR. DISCHARGE VALVE
	18:30 - 19:30	1.00	DRL	1	DRILL F/ 7759' T/ 7777'
	19:30 - 20:00	0.50	SUR	1	SURVEY @ 7701 2 1/2 DEG
	20:00 - 06:00	10.00	DRL	1	DRILL F/ 7777' T/ 7905'
	06:00 - 08:30	2.50	DRL	1	DRILL F/ 7905-7943
5/1/2007	08:30 - 14:00	5.50	TRP	10	TRIP OUT C/O BIT TO SMITH MI616 FUNCTION BOP. TRIP IN BHA.
	14:00 - 15:00	1.00	RIG	6	SLIP AND CUT DRILL LINE SET CROWN-O-MATIC
	15:00 - 17:30	2.50	TRP	10	TRIP IN TO 7860'
	17:30 - 18:00	0.50	REAM	1	REAM F/ 7860-7943 15' OF FILL
	18:00 - 20:30	2.50	DRL	1	DRILL F/ 7943-7997
	20:30 - 21:00	0.50	RIG	1	RIG SERVICE
	21:00 - 06:00	9.00	DRL	1	DRILL F/ 7997-8220' NO MUD LOSS.
5/2/2007	06:00 - 09:30	3.50	DRL	1	DRILL F/ 8220-8281
	09:30 - 10:00	0.50	RIG	1	RIG SERVICE
	10:00 - 18:00	8.00	DRL	1	DRILL F/ 8281-8500
	18:00 - 19:00	1.00	CIRC	1	CIRCULATE BOTTOMS UP. MIX AND PUMP DRY JOB
	19:00 - 20:00	1.00	TRP	14	SHORT TRIP 10 STANDS TO 7606
	20:00 - 22:00	2.00	CIRC	1	CIRCULATE AND CONDITION FOR LOGS

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Questar E & P						Page 3 of 3
Operations Summary Report						
Well Name: RWS 6D-5-9-24			Spud Date: 4/23/2007			
Location: 6-9-S 24-E 26			Rig Release:			
Rig Name: TRUE			Rig Number: 26			
Date	From - To	Hours	Code	Sub Code	Description of Operations	
5/2/2007	22:00 - 22:30	0.50	SUR	1	DROP SURVEY DEPTH 8425 2.75 DEGREES	
	22:30 - 02:00	3.50	TRP	2	MIX AND PUMP DRY JOB	
	02:00 - 03:00	1.00	LOG	4	TRIP OUT FOR LOGS. STRAP.	
	03:00 - 06:00	3.00	LOG	1	RIG UP HALIBURTON WL RUN OPEN HOLE LOGS WIRELINE DEPTH 8486' SLM 8500.45	

OPERATOR: **QEP Uinta Basin, Inc.**  
ADDRESS: **1571 East 1700 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	16095	43-047-37350	RWS 6D 5 9 24	SENW	5	9S	24E	Uintah	4/13/07	5/10/07

WELL 1 COMMENTS: *DK TA* CONFIDENTIAL

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WELL 2 COMMENTS:

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WELL 3 COMMENTS:

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WELL 4 COMMENTS:

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WELL 5 COMMENTS:

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

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

*John F. Caldwell*  
Signature

Office Administrator II      5/1/07  
Title      Date

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

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

**CONFIDENTIAL**

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

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

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 6D 5 9 24**

9. API Well No.  
**43-047-37350**

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

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

**SUBMIT IN TRIPLICATE - Amended Report on 1/15/07**

1. Type of Well  
Oil  Gas   
Well  Well  Other

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

3. Address and Telephone No.  
**1571 EAST 1700 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)  
**1718' FNL, 1824' FWL, SENW, SEC 5-T9S-R24E**

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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 4/13/07 - Drilled 40' of 20" conductor hole. Run 1 jt 14" conductor pipe. Cmtd w/ Ready Mix.**

**On 4/13/07 - Drilled 12-1/4" hole to 2230'. Ran 50 jts of 9-5/8", 36#, J-55 csg to 2209'. Cmtd csg w/ 220 sxs of Lead and 200 sxs of Tail. Top out w/ 200 sxs.**

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**MAY 04 2007**  
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3 - BLM, 2- Utah OG&M, 1 - Denver, 1 - file Word file-server

14. I hereby certify that the foregoing is true and correct.  
Signed Dahn F. Caldwell Title Office Administrator II Date 5/1/07

(This space for Federal or State office use)

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

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

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

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**Questar E & P** Page 1 of 6  
**Operations Summary Report**

Well Name: RWS 6D-5-9-24 Spud Date: 4/23/2007  
 Location: 6-9-S 24-E 26 Rig Release: 5/29/2007  
 Rig Name: UNIT Rig Number: 111

43-042-37350

Date	From - To	Hours	Code	Sub Code	Description of Operations
4/14/2007	-				MIRU PEPE MARTIN 4/13/2007. DRILL 40' OF 20" COND HOLE. RUN 1 JT 14" CONDUATOR PIPE. CEMENTT W/ READY MIX. DRILL RAT AND MOUSE HOLE FOR TRUE 26. RIG DOWN RELEASE 4/14/2007 MIRU BILLJR. RIG 8. 4/13/2007 DRILL 2230'OF 12.25" HOLE. RUN 50 JOINTS OF 9 5/8" 36# J-55 TO DEPTH OF 2209'. RIG DOWN AND RELEASE 4/14/2007 HIT WATER AT 300' AND 1000' MIRU BIG 4 CEMENTERS 4/14/2007 CEMENT SURFACE CASING WITH 220 SACKS OF LEAD AND 200 SACKS OF TAIL. TOP OUT WITH 200 SACKS. RIG DOWN AND RELEASE 4/14/2007
4/23/2007	06:00 - 21:00	15.00	LOC	3	MOVE RIG FROM RWS 6D-9-24 WITH WESROC TRUCKING. TRUCKS BEGAN SHOWING UP AT 0800 4/23/2007 AND WERE FINISHED MOVING RIG AT 2000 HRS. TRUCKS WERE RELEASED AT 2000 HOURS 4/23/2007 WAIT ON DAYLIGHT.
4/24/2007	21:00 - 06:00	9.00			N/U BOP ( 5 HANDS 8 HR RIG UP)
	06:00 - 09:30	3.50	BOP	1	TEST BOP 3000# CSG 1500#
	09:30 - 13:30	4.00	BOP	2	P/U BHA
	13:30 - 15:00	1.50	TRP	1	TRIP T/ CHANGE. FROM DOG SUB. T/ IBS.THAT JIM ISENHOUR ORDED. WAS LATE GETTING TO LOC.
	15:00 - 16:00	1.00	TRP	2	P/U DRILL STRING
	16:00 - 19:00	3.00	TRP	1	DRILL CMT. FLT & SHOE.
	19:00 - 21:00	2.00	DRL	4	DRILL F/ 2221' T/ 2294' ( SPUD 4/23/2007 @21:00 )
	21:00 - 22:00	1.00	DRL	1	TIGHTED PUMP BELTS,
	22:00 - 22:30	0.50	RIG	2	DRILL F/ 2294' T/ 2324'
	22:30 - 23:00	0.50	DRL	1	SURVEY @ 2245' 3 DEG.
	23:00 - 23:30	0.50	SUR	1	DRILL F/ 2324' T/ 2482'
	23:30 - 00:30	1.00	DRL	1	SURVEY @ 2400' 3 DEG.
	00:30 - 01:00	0.50	SUR	1	DRILL F/ 2482' T/ 2768'
	01:00 - 03:00	2.00	DRL	1	SURVEY @ 2690' 3 DEG
	03:00 - 03:30	0.50	SUR	1	DRILL F/ 2768' T/ 3150'
4/25/2007	03:30 - 06:00	2.50	DRL	1	DRILL F/ 3150' T/ 3337'
	06:00 - 07:00	1.00	DRL	1	SURVEY @ 3262' 3 1/4 DEG
	07:00 - 07:30	0.50	SUR	1	DRILL F/ 3337' T/ 3843'
	07:30 - 12:00	4.50	DRL	1	SURVEY @ 3768' 3 DEG.
	12:00 - 12:30	0.50	SUR	1	DRILL F/ 3843' T/ 3939'
	12:30 - 13:00	0.50	DRL	1	RIG SERVICE.
	13:00 - 13:30	0.50	RIG	1	DRILL F/ 3939' T/ 4319'
	13:30 - 20:30	7.00	DRL	1	SURVEY @ 4242' 2 1/2 DEG
	20:30 - 21:00	0.50	SUR	1	DRILL F/ 4319' T/ 4710' ( START MUD UP @ 4351' ) VIS 40 WT 9.4
	21:00 - 06:00	9.00	DRL	1	DRILL F/ 4710' T/ 4827'
4/26/2007	06:00 - 08:30	2.50	DRL	1	SURVEY. PUMP PILL. ( SURVERY @ 4757' 2 DEG.
	08:30 - 09:00	0.50	SUR	1	TRIP F/ BIT# 2 ( P/U JARS)
	09:00 - 13:30	4.50	TRP	10	WASH & REAM F/ 4550' T/ 4827'
	13:30 - 15:00	1.50	REAM	1	DRILL F/ 4827' T/ 5141'
	15:00 - 20:00	5.00	DRL	1	RIG SERVICE.
	20:00 - 20:30	0.50	RIG	1	DRILL F/ 5141' T/ 5331'
	20:30 - 23:30	3.00	DRL	1	SURVEY @ 5256' 2 1/2 DEG.
	23:30 - 00:00	0.50	SUR	1	DRILL F/ 5331' T/ 5640'
	00:00 - 06:00	6.00	DRL	1	DRILL F/ 5640' T/ 5837'
4/27/2007	06:00 - 09:00	3.00	DRL	1	SURVEY @ 5762' 3 DEG.
	09:00 - 09:30	0.50	SUR	1	DRILL F/ 5837' T/ 5900'
	09:30 - 10:00	0.50	DRL	1	

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**Operations Summary Report**

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Well Name: RWS 6D-5-9-24  
Location: 6-9-S 24-E 26  
Rig Name: UNIT

Spud Date: 4/23/2007  
Rig Release: 5/29/2007  
Rig Number: 111

Date	From - To	Hours	Code	Sub Code	Description of Operations	
4/27/2007	10:00 - 10:30	0.50	RIG	1	RIG SERVICE.	
	10:30 - 16:30	6.00	DRL	1	DRILL F/ 5900' T/ 6345'	
	16:30 - 17:00	0.50	SUR	1	SURVEY @ 6275' 4 DEG	
	17:00 - 22:30	5.50	DRL	1	DRILL F/ 6345' T/ 6567' ( 15-16,000 WT)	
	22:30 - 23:00	0.50	SUR	1	SURVEY @ 6490' 4 DEG.	
4/28/2007	23:00 - 06:00	7.00	DRL	1	DRILL F/ 6567' T/ 6760' ( 15-16,000 wt)	
	06:00 - 07:00	1.00	DRL	1	DRILL F/ 6740' T/ 6789'	
	07:00 - 07:30	0.50	SUR	1	SURVEY @ 6714' 4 DEG.	
	07:30 - 10:30	3.00	DRL	1	DRILL F/ 6789' 6884'	
	10:30 - 11:00	0.50	RIG	1	RIG SERVICE.	
	11:00 - 13:00	2.00	DRL	1	DRILL F/ 6884' T/ 6920'	
	13:00 - 13:30	0.50	SUR	1	DROP SURVEY. PUMP PILL. SURVEY @ 6890' 3 1/2 DEG.	
	13:30 - 14:00	0.50	TRP	10	TRIP F/ BIT # 3	
	14:00 - 15:00	1.00	FISH	6	WORK TIGHT HOLE F/ 6850' T/ 5750'	
	15:00 - 18:30	3.50	TRP	10	TRIP ( TIGHT F/ 5750' T/ 4467')	
4/29/2007	18:30 - 19:30	1.00	TRP	1	L/D SQ, MOTOR. P/U HUNTING MOTOR .15 & STAB 60' UP	
	19:30 - 22:30	3.00	TRP	10	TRIP IN HOLE	
	22:30 - 23:30	1.00	REAM	1	WASH & REAM 90' BTM.	
	23:30 - 06:00	6.50	DRL	1	DRILL F/ 6920' T/ 7080' ( 16,000 WT)	
	06:00 - 06:30	0.50	SUR	1	SURVEY @ 7037' 3 1/2 DEG.	
	06:30 - 10:00	3.50	DRL	1	DRILL F/ 7080' T/ 7145'	
	10:00 - 10:30	0.50	RIG	1	RIG SERVICE.	
	10:30 - 18:00	7.50	DRL	1	DRILL F/ 7145' T/ 7302'	
	18:00 - 18:30	0.50	SUR	1	SURVEY @ 7225' 3 DEG	
	18:30 - 06:00	11.50	DRL	1	DRILL F/ 7302' T/ 7515'	
4/30/2007	06:00 - 06:30	0.50	DRL	1	DRILL F/ 7515' T/ 7524'	
	06:30 - 07:00	0.50	SUR	1	SURVEY @ 7479' 3 DEG.	
	07:00 - 11:00	4.00	DRL	1	DRILL RF/ 7524' T/ 7619'	
	11:00 - 11:30	0.50	RIG	1	RIG SERVICE.	
	11:30 - 18:00	6.50	DRL	1	DRILL F/ 7619' T/ 7759'	
	18:00 - 18:30	0.50	RIG	2	PUMP REPAIR. DISCHARGE VALVE	
	18:30 - 19:30	1.00	DRL	1	DRILL F/ 7759' T/ 7777'	
	19:30 - 20:00	0.50	SUR	1	SURVEY @ 7701 2 1/2 DEG	
	20:00 - 06:00	10.00	DRL	1	DRILL F/7777' T/ 7905'	
	5/1/2007	06:00 - 08:30	2.50	DRL	1	DRILL F/7905-7943
08:30 - 14:00		5.50	TRP	10	TRIP OUT C/O BIT TO SMITH MI616 FUNCTION BOP. TRIP IN BHA.	
14:00 - 15:00		1.00	RIG	6	SLIP AND CUT DRILL LINE SET CROWN-O-MATIC	
15:00 - 17:30		2.50	TRP	10	TRIP IN TO 7860'	
17:30 - 18:00		0.50	REAM	1	REAM F/7860-7943 15' OF FILL	
18:00 - 20:30		2.50	DRL	1	DRILL F/7943-7997	
20:30 - 21:00		0.50	RIG	1	RIG SERVICE	
21:00 - 06:00		9.00	DRL	1	DRILL F/7997-8220' NO MUD LOSS.	
5/2/2007		06:00 - 09:30	3.50	DRL	1	DRILL F/8220-8281
		09:30 - 10:00	0.50	RIG	1	RIG SERVICE
	10:00 - 18:00	8.00	DRL	1	DRILL F/8281-8500	
	18:00 - 19:00	1.00	CIRC	1	CIRCULATE BOTTOMS UP. MIX AND PUMP DRY JOB	
	19:00 - 20:00	1.00	TRP	14	SHORT TRIP 10 STANDS TO 7606	
20:00 - 22:00	2.00	CIRC	1	CIRCULATE AND CONDITION FOR LOGS		

**Questar E & P**  
**Operations Summary Report**

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Well Name: RWS 6D-5-9-24  
Location: 6-9-S 24-E 26  
Rig Name: UNIT

Spud Date: 4/23/2007  
Rig Release: 5/29/2007  
Rig Number: 111

Date	From - To	Hours	Code	Sub Code	Description of Operations
5/2/2007	22:00 - 22:30	0.50	SUR	1	DROP SURVEY DEPTH 8425 2.75 DEGREES MIX AND PUMP DRY JOB
	22:30 - 02:00	3.50	TRP	2	TRIP OUT FOR LOGS. STRAP.
	02:00 - 03:00	1.00	LOG	4	RIG UP HALIBURTON WL
	03:00 - 06:00	3.00	LOG	1	RUN OPEN HOLE LOGS WIRELINE DEPTH 8486' SLM 8500.45
5/3/2007	06:00 - 06:30	0.50	LOG	1	WIRELINE LOGS WITH HALIBURTON WL
	06:30 - 07:00	0.50	LOG	4	RIG DOWN WIRELINE AND RELEASE
	07:00 - 10:30	3.50	TRP	2	TRIP IN HOLE WITH RR TRICONE
	10:30 - 11:00	0.50	REAM	1	REAM 72' TO BOTTOM. 10' FILL
	11:00 - 12:00	1.00	CIRC	1	CIRCULATE OUT GAS. RIG UP FRANKS WESTATES L/D MACHINE.
	12:00 - 17:30	5.50	TRP	3	L/D DRILL PIPE.
	17:30 - 19:00	1.50	TRP	1	L/D BHA
	19:00 - 20:00	1.00	CSG	1	RIG UP CASING CREW. HOLD SAFETY MEETING.
	20:00 - 03:30	7.50	CSG	2	STAGE IN 185 JOINTS OF HCP-110 26# 7" CASING TO DEPTH OF 8500' KBM LOST 75 BBLs OF MUD WHILE RUNNING CASING.
	03:30 - 04:30	1.00	REAM	1	WASH LAST JOINT OF CASING TO BOTTOM. RIG DOWN WESTATES CASING CREW AND RELEASE
5/4/2007	04:30 - 05:30	1.00	CMT	1	RIG UP HALIBURTON CEMENTERS HOLD SAFETY MEETING
	05:30 - 06:00	0.50	CMT	2	CEMENT 7" INTERMEDIATE CASING
	06:00 - 08:00	2.00	CMT	2	CEMENT INTERMEDIATE 7" CASING WITH 250 SACKS OF LEAD. 830 SACKS OF TAIL.
	08:00 - 08:30	0.50	CMT	1	RIG DOWN HALIBURTON CEMENTERS AND RELEASE
	08:30 - 11:00	2.50	BOP	1	SET CASING. NIPPLE DOWN AND CUT CASING.
5/12/2007	11:00 - 15:00	4.00	LOC	7	CLEAN MUD PITS. (RIG RELEASED ON 5/3/2007 AT 15:00)
	15:00 - 06:00	15.00	LOC	4	RIG DOWN
	06:00 - 06:00	24.00	LOC	3	MOVE UNIT 111 ONTO LOCATION. RIG TOGETHER. DERRICK ON STAND, EVERYTHING HERE BUT MUD VANS AND MUD TRAILER. CRANE NEEDS TO PUT BAR HOPPER TOGETHER. AND SOME LIGHT CRANE WORK. MOST OF TRUCKS RELEASED.
5/13/2007	06:00 - 06:00	24.00	LOC	4	FINISH WITH CRANE WORK. CRANE RELEASED, FINISHED WITH TRUCKS. RIG UP RIG. RAISE DERRICK. NIPPLE UP, RIG UP PITS, RIG UP CHOKE AND CHOKE LINES., RIG UP BACK YARD. RIGGING UP FLOOR.
5/14/2007	06:00 - 13:00	7.00	LOC	4	RIG UP FLOOR, RIG UP 4" ROT. TOOLS, RUN HYDRALICS TO BOP'S. STRAIGHTEN UP CHOKE MANIFOLD.
	13:00 - 23:00	10.00	BOP	2	PRESSURE TEST BOP AND CHOKE AND KELLY. REPAIR ONE VALVE ON CHOKE AND REPLACE LOWER KELLY VALVE.
	23:00 - 03:30	4.50	TRP	1	RIG UP CALIBER, P/U BHA. 1500'
5/15/2007	03:30 - 04:00	0.50	CIRC	1	FILL PIPE AND CIRC.
	04:00 - 06:00	2.00	TRP	1	P/U DRILL PIPE @ 4,000'
	06:00 - 13:00	7.00	TRP	1	PICK UP 4" DP TAG @ 8445'
	13:00 - 13:30	0.50	TRP	1	RIG DOWN PICK UP TRUCK
	13:30 - 14:30	1.00	RIG	2	LIGHT PLANT WENT DOWN WORK ON LIGHT PLANT
	14:30 - 16:30	2.00	DRL	4	FILL PIPE DRLG CEMENT FLOAT @ 8449' shoe @ 8495'
	16:30 - 18:30	2.00	CIRC	1	DISPLACE WITH MUD BUILD VALUM
	18:30 - 19:00	0.50	CIRC	1	F.I.T. TEST 1500 P.S.I. 15 MIN =13.2 MUD WT
5/16/2007	19:00 - 06:00	11.00	DRL	1	DRILLING F/ 8495' TO 9060'
	06:00 - 17:30	11.50	DRL	1	DRILLING F 9060 TO 9515

**Questar E & P**  
**Operations Summary Report**

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Well Name: RWS 6D-5-9-24  
Location: 6-9-S 24-E 26  
Rig Name: UNIT

Spud Date: 4/23/2007  
Rig Release: 5/29/2007  
Rig Number: 111

Date	From - To	Hours	Code	Sub Code	Description of Operations
5/16/2007	17:30 - 18:30	1.00	RIG	1	RIG SERVICE + WORK ON SWIVEL
	18:30 - 06:00	11.50	DRL	1	DRILLING F/ 9515' TO 9969
5/17/2007	06:00 - 16:30	10.50	DRL	1	DRILLING F/ 9969 TO 10392'
	16:30 - 17:00	0.50	RIG	1	RIG SERVICE
	17:00 - 06:00	13.00	DRL	1	DRILLING F/ 10392 TO 10943'
5/18/2007	06:00 - 15:30	9.50	DRL	1	DRILLING F/ 10943' TO 11301' DRILLING FLAIR WENT FROM 3' FLAIR TO 20' 1' BREAK @ 11174' FLAIR INCREASED AFTER 11247' MUD WT 11.6
	15:30 - 16:00	0.50	RIG	1	RIG SERVICE
	16:00 - 16:30	0.50	BOP	3	REPLACE ROTATING HEAD RUBBER
	16:30 - 23:30	7.00	DRL	1	DRILLING F/ 11301' TO 11561'
	23:30 - 00:00	0.50	RIG	2	ROTARY HANDLE BROKE / REPLACE
	00:00 - 06:00	6.00	DRL	1	DRILLING F/ 11561' TO 11774' 3' TO 10' FLAIR MUD WT 12.7
5/19/2007	06:00 - 15:30	9.50	DRL	1	DRILLING F/ 11723' TO 11950'
	15:30 - 16:00	0.50	RIG	1	RIG SERVICE
	16:00 - 16:30	0.50	RIG	2	RIG REPAIR INSTALL NEW KELLY SPINNER LINE
	16:30 - 06:00	13.50	DRL	1	DRILLING / 11950' TO 12155 3' DRILLING FLAIR 15' ON CONN MUD WI 13.4 LOST 100+ BBL MUD RASE LCM TO 5%
5/20/2007	06:00 - 15:30	9.50	DRL	1	DRILLING F/ 12155' TO 12307'
	15:30 - 16:00	0.50	RIG	1	RIG SERVICE
	16:00 - 06:00	14.00	DRL	1	DRILLING F/ 12307 TO 12480' VIS 52 WT 13.6 LCM 12% CONN FLAIR 10' TO 15'
5/21/2007	06:00 - 08:00	2.00	DRL	1	DRILLING F/ 12480' TO 12498'
	08:00 - 08:30	0.50	CIRC	1	CIRC CIRC PUMP PILL
	08:30 - 10:30	2.00	TRP	10	T.O.H. FOR BIT # 6
	10:30 - 11:30	1.00	FISH	6	WORK TIGHT HOLE 9385' TO 9483'
	11:30 - 16:00	4.50	TRP	10	T.O.H FOR BIT #6, S.L.M. 12501' DRILLING DEPTH 12498'
	16:00 - 18:00	2.00	TRP	1	LAY DOWN I.B.S.s REPLACE BIT + MUDMOTOR
	18:00 - 21:30	3.50	TRP	10	TRIP IN HOLE FILL @ BHA
	21:30 - 23:00	1.50	CIRC	1	CIRC OUT GAS & SLUG 20' FLAIR
	23:00 - 00:00	1.00	TRP	10	TRIP TO BOTTEM
	00:00 - 01:00	1.00	REAM	1	FILL PIPE, WASH ,TO BOTTEM 45', NO FILL
5/22/2007	01:00 - 06:00	5.00	DRL	1	DRILLING 12498' TO 12541' 45' FLAIR TRIP GAS , 4140 UNITS ?
	06:00 - 12:30	6.50	DRL	1	DRILL FROM 12541 TO 12591
	12:30 - 13:00	0.50	RIG	1	RIG SERVICE, FUNCTION PIPE RAMS AND ANNULLAR
	13:00 - 18:00	5.00	DRL	1	DRILL FROM 12591 TO 12620'
	18:00 - 18:30	0.50	CIRC	1	PUMP OUT TWO JTS. OUT OF TIGHT HOLE PUMP DRY JOB
	18:30 - 02:30	8.00	TRP	10	TRIP OUT OF HOLE, C/O TO BIT #7, TRIP IN HOLE W/ BHA.
	02:30 - 03:00	0.50	CIRC	1	FILL BHA AND BREAK CIRC.
	03:00 - 05:30	2.50	TRP	10	TRIP IN HOLE TO SHOE 8500'
	05:30 - 06:00	0.50	RIG	6	SLIP AND CUT DRILL LINE. CIRC THROUGH CIRC. HEAD.
5/23/2007	06:00 - 07:30	1.50	RIG	6	SLIP AND CUT DRILL LINE.
	07:30 - 10:30	3.00	TRP	10	TRIP IN HOLE. 4-5' OF FILL. HOLE GOOD. 45' DOWNTIME FLARE.
	10:30 - 15:30	5.00	DRL	1	DRILL FROM 12620 TO 12656
	15:30 - 16:00	0.50	RIG	1	RIG SERVICE, FUNCTION PPIPE RAMS.
	16:00 - 19:30	3.50	DRL	1	DRILL FROM 12656 TO 12664'.
	19:30 - 20:00	0.50	CIRC	1	MIX DRY JOB AND PUMP.
	20:00 - 22:00	2.00	TRP	10	TIRP TO 8500'
	22:00 - 22:30	0.50	CIRC	1	PUMP 15.5# 40 BBL AT SHOE.
	22:30 - 06:00	7.50	TRP	10	TRIP OUT OF HOLE, C/O MUD MOTOR AND BIT, TRIP IN HOLE BREAK CIRC ON BHA.
					NO DRILLING FLARE 2' CONNECTION FLARE, TRIPPING FLARE 45'.

**Questar E & P**  
**Operations Summary Report**

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Well Name: RWS 6D-5-9-24  
Location: 6-9-S 24-E 26  
Rig Name: UNIT

Spud Date: 4/23/2007  
Rig Release: 5/29/2007  
Rig Number: 111

Date	From - To	Hours	Code	Sub Code	Description of Operations
5/24/2007	06:00 - 08:00	2.00	TRP	10	TRIP IN HOLE TO 8500'
	08:00 - 09:00	1.00	CIRC	1	CIRC OUT GAS. 30' FLARE.
	09:00 - 11:00	2.00	TRP	10	TRIP IN HOLE. NO FILL
	11:00 - 16:30	5.50	DRL	1	DRILL FROM 12664 TO 12689'. 5' DRILLING FLARE.
	16:30 - 17:00	0.50	RIG	1	RIG SERVICE. FUNCTION PIPE RAMS. PUMP DRY JOB.
	17:00 - 19:00	2.00	TRP	10	TRIP OUT OF HOLE FOR BIT # 8, TRIP TO 8500'
	19:00 - 20:00	1.00	CIRC	1	CIRC OUT GAS 25' FLARE, PUMP HEAVY 40 BBL 15.6# PILL AT 8500'.
	20:00 - 02:00	6.00	TRP	10	TRIP OUT OF HOLE, CHANGE TO BIT # 9, FUNTION BLIND RAMS AND PIPE RAMS, TRIP IN W/ BHA
	02:00 - 02:30	0.50	CIRC	1	FILL PIPE BREAK CIRC.
	02:30 - 04:30	2.00	TRP	10	TIRP IN HOLE TO SHOE. 8500'
5/25/2007	04:30 - 05:30	1.00	CIRC	1	CIRC OUT GAS 35' FLARE.
	05:30 - 06:00	0.50	TRP	10	TRIP IN HOLE @ 10,000'
	06:00 - 07:00	1.00	TRP	10	TRIP IN HOLE BRIDGE OUT @ 12450'
	07:00 - 09:00	2.00	REAM	1	WASH OUT BRIDGE, TRIP IN LAST STAND, WASH AND REAM 12540 TO 12689'. 15' TRIP FLARE.
	09:00 - 15:30	6.50	DRL	1	DRILL FROM 12689 TO 12786
	15:30 - 18:00	2.50	OTH		HOLE PACKED OFF. DRILLER COMING UP FOR CONNECTION. LOSS 90% CIRC.
	18:00 - 20:00	2.00	DRL	1	WORK TIGHT HOLE, REGAIN 100% CIRC. 12786-12756 LOSS 140 BBLS
	20:00 - 21:00	1.00	OTH		DRILL FROM 12786 TO 12813.
	21:00 - 23:00	2.00	DRL	1	TIGHT COMING UP FOR CONNECTION., DID NOT PACK OFF. WORK TIGHT HOLE. INCREASE MUD WT TO 13.7 WT. VIS 50 LCM% 15%
	23:00 - 23:30	0.50	OTH		DRILL FROM 12813 TO 12825.
5/26/2007	23:30 - 00:00	0.50	DRL	1	WORK TIGHT HOLE. FULL CIRC. GETTING BETTER. INCREASE MUD WT TO 13.7+
	00:00 - 00:30	0.50	CIRC	1	12825 TO 12827. MOTOR SEIZED UP.
	00:30 - 02:30	2.00	TRP	12	CIRC. MIX AND PUMP DRY JOB.
	02:30 - 03:00	0.50	CIRC	1	TRIP TO 8500', NO TIGHT HOLE .
	03:00 - 06:00	3.00	TRP	12	PUMP 15.5# 40 BBL PILL.
	06:00 - 12:30	6.50	TRP	12	TRIP OUT OF HOLE @ 3000' COMING OUT
	12:30 - 13:30	1.00	CIRC	1	TRIP OUT, CHANGE MOTOR AND BIT, WORK PIPE AND BLIND RAMS, TRIP IN W/ BHA, BREAK CIRC. TRIP IN TO SHOE 8500'
	13:30 - 15:30	2.00	TRP	12	CIRC OUT HEAVY PILL AND GAS. 15-20' FLARE
	15:30 - 18:00	2.50	REAM	1	TRIP IN HOLE TAG @ 12519'.
	18:00 - 06:00	12.00	DRL	1	WASH AND REAM 12519 TO 12827'. RATTY PRETTY EASY REAMING. DRILL FROM 12827 TO 12965. DRILL THROUGH QUARTZ SEAM 12840' ABOUT 15' LONG.
5/27/2007	06:00 - 08:30	2.50	DRL	1	NO DRILLING FLARE
	08:30 - 10:00	1.50	CIRC	1	DRILL FROM 12965 TO 130000'.
	10:00 - 11:30	1.50	TRP	14	CIRC AND CONDITION.
	11:30 - 12:00	0.50	RIG	1	TRIP TO 8500'. HOLE GOOD
	12:00 - 14:30	2.50	CIRC	1	RIG SERVICE, FUNCTION TEST ANNULAR AND PIPE RAMS.
	14:30 - 17:30	3.00	TRP	2	CIRC AND CONDITON FOR LOGS.
	17:30 - 18:30	1.00	CIRC	1	TRIP OUT FOR LOGS.
	18:30 - 00:00	5.50	TRP	2	MIX HEAVY 40 BBL 15.7# PILL AND PUMP @ 8500'
5/28/2007	00:00 - 06:00	6.00	LOG	1	TRIP OUT OF HOLE FOR LOGS. HOLE DEAD. SLM= 12996.02
	06:00 - 11:00	5.00	TRP	2	HOLD SAFETY MEETING, RIG UP LOGGERS, LOG LOGGERS DEPTH 13000'. RIG DOWN LOGGERS.
					NO DRILLING FLARE OR CONNECTION FLARE.
					TRIP IN TO 8500', REMOVED DRILL PIPE RUBBERS

**Operations Summary Report**

Well Name: RWS 6D-5-9-24  
 Location: 6-9-S 24-E 26  
 Rig Name: UNIT

Spud Date: 4/23/2007  
 Rig Release: 5/29/2007  
 Rig Number: 111

Date	From - To	Hours	Code	Sub Code	Description of Operations
5/28/2007	11:00 - 13:30	2.50	RIG	6	CUT DRILLING LINE, CIRCULATED OUT GAS, NO FLARE, 400U
	13:30 - 15:00	1.50	TRP	2	TRIP IN
	15:00 - 16:30	1.50	CIRC	1	CIRCULATE OUT GAS, 20' FLARE, GAS DETECTOR MALFUNCTION, RIG UP ROCKY MOUNTAIN CASERS, PUM PILL
5/29/2007	16:30 - 06:00	13.50	TRP	3	LAY DOWN PIPE, PUMPED 40 BBL., 15.7# SLUG AT 8000'
	06:00 - 06:30	0.50	TRP	1	LAY DOWN BHA
	06:30 - 08:00	1.50	CSG	1	RIG UP ROCKY MOUNTAIN CASERS, HELD SAFETY MEETING
	08:00 - 14:00	6.00	CSG	2	RUN CASING, BROKE CIRCULATION AT 5600'
	14:00 - 14:30	0.50	CIRC	1	CIRCULATE OUT PILLS AND ANY GAS AT 8471, NO DETECTABLE GAS
	14:30 - 18:00	3.50	CSG	2	RUN CASING, BROKE CIRCULATION AT 10584 RAN 10 JOINTS P110, 15.1#, 4.5" CASING ON BOTTOM, THEN 265 JOINTS P110, 13.5#, WITH LAST 2 JOINTS 15.1#. LAND CASING WITH PUP JOINT. LAND SHOE AT 13000', FLOAT AT 12955', MANCOS MARKER COLLAR AT 8323', MESA AT 5688', WASATCH AT 4222'
	18:00 - 20:00	2.00	REAM	1	WASH 110' TO BOTTOM, A LITTLE RATTY SENT 400 BBL MUD TO UPRIGHT ON NEXT LOCATION
	20:00 - 21:30	1.50	CIRC	1	CIRCULATE, RIG DOWN CASERS
	21:30 - 22:00	0.50	CMT	1	RIG UP CEMENTERS
	22:00 - 02:00	4.00	CMT	2	CEMENT WITH 1120 SACKS 50/50 POZ TAIL CEMENT. BROUGHT TOP OF TAIL TO 4000'. GOOD RETURNS. PLUG DOWN AT 0144 HRS., FLOAT HELD
5/30/2007	02:00 - 02:30	0.50	CMT	1	RIG DOWN CEMENTERS
	02:30 - 05:00	2.50	BOP	1	NIPPLE DOWN BOP, SET SLIPS WITH 130K, CUT CASING, SET BOP DOWN
	05:00 - 06:00	1.00	LOC	7	CLEAN PITS
	06:00 - 10:00	4.00	LOC	7	CLEAN PITS, RIG RELEASED AT 1000 HRS., 5/29/2007
	10:00 - 06:00	20.00	LOC	4	RIG DOWN

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Operations Summary Report

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Well Name: RWS 6D-5-9-24  
Location: 6-9-S 24-E 26  
Rig Name: TRUE

43-049-37350

Spud Date: 4/23/2007  
Rig Release: 5/3/2007  
Rig Number: 26

Date	From - To	Hours	Code	Sub Code	Description of Operations
6/14/2007	06:00 - 16:00	10.00	LOG	3	On 6/13/07 MIRU Cutters WL. RU 3.625" gauge ring, tagged up @ 12,545'. POOH w/ gauge ring. RIH w/ CBL tool. Run a CBL/VDL/GR log from tag @ 12,544' to 3600' w/ top of cement est @ 4100'. RDMO Cutters WL. SWIFN.  24 Hour Forecast: Will pressure test frac valve & csg.  Csg Size: 4-1/2" 13.5# & 15.1# P-110 Csg Depth: 13,003'
6/15/2007	06:00 - 16:00	10.00	WOT	4	On 6/14/07 - Waiting on Service Rig.  24 Hour Forecast: Will MIRU Rocky Mtn Well Service.  Csg Size: 4-1/2" 13.5# & 15.1# P-110 Csg Depth: 13,003'
6/16/2007	06:00 - 16:00	10.00	TRP	2	On 6/15/07 Pressure Test csg & frac valve to 9000#. OK. MIRU Rocky Mtn Well Service #3. NU 7-1/16" 10K double BOP on 4-1/16" 10K frac valve. PU, tally & rabbit in hole w/ 3-5/8" drag bit, bit sub, 1 jt 2-3/8" P-110 tbg, 1.81" F-Nipple & 200 jts new 2-3/8" P-110 tbg to put EOT @ 6550'. SWIFN & Lock Rams.  24 Hour Forecast: Will finish PU tbg.  Csg Size: 4-1/2" 13.5# & 15.1# P-110 Csg Depth: 13,003'
6/18/2007	06:00 - 16:00	10.00	TRP	2	On 6/16/07 SICP & SITP = 0#. Open well. Finish PU, tally & rabbit in hole w/ 3-5/8" drag bit, bit sub, 1 jt 2-3/8" P-110 tbg, 1.81" F-nipple & 378 jts new 2-3/8" P-110 tbg to EOT @ 12,290'. SWIFN & Lock Rams.  24 Hour Forecast: Will drill up cement to PBTD.  Csg Size: 4-1/2" 13.5# & 15.1# P-110 Csg Depth: 13,003'
6/19/2007	06:00 - 16:00	10.00	SEQ	1	On 6/18/07 - SICP = 0#, SITP = 0#. Open well. RIH w/ 3-5/8" drag bit, bit sub, 1 jt 2-3/8" P-110 tbg, 1.81" F-Nipple & new 2-3/8" P-110 tbg to tag @ 12,530'. RU Power Swivel & drill up scattered cmt stringers from 12,530' to PBTD @ 12,924'. FC @ 12,955'. Circulate clean & displace well w/ 162 bbls 2% KCL water. POOH to 12,763'. SWIFN. Lock rams. Hook up flowback manifold.  24 Hour Forecast: Will run CBL & perf.  Csg Size: 4-1/2" 13.5# & 15.1# P-110 Csg Depth: 13,003'
6/20/2007	06:00 - 16:00	10.00	PERF	2	On 6/19/07 SICP = 0# & SITP = 0#. Open well. POOH w/ 3-5/8" drag bit, bit sub, 1 jt 2-3/8" P-110 tbg, 1.81" F-Nipple & new 2-3/8" P-110 tbg. RU Cutters WL & run CBL from PBTD @ 12926' to 11926'. Correlated the CBL to the Halliburton Open Hole Log dated 5/27/07. Perforated per the Cutters CBL Log dated 6/19/07 - Dakota interval 12796' - 12806'; 12786' - 12788' & 12766' - 12770' @ 3 SPF w/ 120" phasing, 3-1/8" csg gun w/ Power Pak charges. Saw no pressure change. Well not flowing. RDMO Cutters WL. SWIFN & lock rams.  24 Hour Forecast: Will RIH w/ PKR & tbg.  Csg Size: 4-1/2" 13.5# & 15.1# P-110 Csg Depth: 13,003'

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**Questar E & P**  
**Operations Summary Report**

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Well Name: RWS 6D-5-9-24  
Location: 6-9-S 24-E 26  
Rig Name: TRUE

Spud Date: 4/23/2007  
Rig Release: 5/3/2007  
Rig Number: 26

Date	From - To	Hours	Code	Sub Code	Description of Operations
6/20/2007	06:00 - 16:00	10.00	PERF	2	<p>Perfs Dakota 12796' - 12806' 12786' - 12788' 12766' - 12770'</p>
6/21/2007	06:00 - 16:00	10.00	PERF	2	<p>On 6/20/07 SICP = 750#. Bleed off csg. Died in one minute. RIH w/ 4-1/2" HD Weatherford PKR, 1 jt 2-3/8" P-110 tbg, 1.81" F-Nipple &amp; new 2-3/8" P-110 tbg. Set PKR @ 12,667'. Pressure csg to 3000# &amp; breakdown perfs @ 12,766' - 12,806'. Perfs broke @ 4100#. Pump 10 bbls KCL water @ 3/4 BPM &amp; 3900#. ISIP = 3500#. Total load w/ csg volume = 180 bbls. Bled back 2 bbls. Swab tbg. Made 10 runs &amp; recovered 50 bbls water. No gas. IFL @ surface. FFL = 4400#. Csg = 0#. 128 BLLTR. PKR appears to be not sealing annulus. SWIFN &amp; Lock rams.</p> <p>24 Hour Forecast: Will pump 1000 gal acid job on perfs.</p> <p>Csg Size: 4-1/2" 13.5# &amp; 15.1# P-110 Csg Depth: 13,003'</p> <p>Perfs Dakota 12796' - 12806' 12786' - 12788' 12766' - 12770'</p>
6/22/2007	06:00 - 16:00	10.00	STIM	1	<p>On 6/21/07 SICP &amp; SITP = 0#. PKR leaking. Open well. Release 4-1/2" PKR @ 12,667'. Pump 10 bbls to break circulation. Circulate tbg volume (50 bbls).MIRU Halliburton Acid Crew. Pressure test to lines to 9500#. Hold pre-job safety meeting.</p> <p>Start pumping w/ 1000 gals 15% acid down tbg w/ csg open. Spotted acid to 11,700'. Closed csg. Flushed tbg &amp; csg to bottom perf w/ 55 bbls 2% KCL water. Break @ 5885#. Avg pressure = 3600#. Avg rate = 2.4 BPM. Max Rate = 2.4 BPM. Max pressure = 3741#. ISIP = 3625#. Total load = 81 bbls. (FG = .89). RDMO Halliburton Acid Crew.</p> <p>Open tbg, well flowed back 20 bbls water &amp; died. Swab tbg. Made 15 runs &amp; recovered 104 bbls water &amp; acid. IFL @ surface. FFL = 33500'. Final csg = 0#. 101 BLLTR. SWIFN &amp; lock rams.</p> <p>24 Hour Forecast: Will flow test well.</p> <p>Csg Size: 4-1/2" 13.5# &amp; 15.1# P-110 Csg Depth: 13,003'</p> <p>Perfs Dakota 12796' - 12806' 12786' - 12788' 12766' - 12770'</p>
6/25/2007	06:00 - 16:00	10.00	SWAB	1	<p>On 6/22/07 SICP = 0#, SITP = 0#. Open tbg. With PKR un-set @ 12,667'. Swab perfs @ 12,766' - 12,806'. Made 6 runs &amp; recovered 36 bbls water. No gas. IFL = 1400'. FFL = 2800'. Final csg = 0#. 65 bbls left to recover. RD swab equipment. LD 310 jts 2-3/8" P-110 tbg to 2940'. SWIFWE &amp; Lock rams.</p> <p>24 Hour Forecast: Will finish POOH w/ tbg &amp; set CIBP.</p>

**Questar E & P**  
**Operations Summary Report**

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Well Name: RWS 6D-5-9-24  
Location: 6- 9-S 24-E 26  
Rig Name: TRUE

Spud Date: 4/23/2007  
Rig Release: 5/3/2007  
Rig Number: 26

Date	From - To	Hours	Code	Sub Code	Description of Operations
6/25/2007	06:00 - 16:00	10.00	SWAB	1	Csg Size: 4-1/2" 13.5# & 15.1# P-110 Csg Depth: 13,003'  Perfs Dakota 12796' - 12806' 12786' - 12788' 12766' - 12770'
6/26/2007	06:00 - 16:00	10.00	TRP	2	On 6/25/07, SICP = 10# & SITP = 10#. Bleed off well. Finish POOH laying down 2-3/8" P-110 tbg, 1.81" F-Nipple & 4-1/2" HD PKR. ND 7-1/16" 10K BOP. RU Cutters WL & set CIBP @ 12,740'. RD wireline. Fill csg w/ 10 bbls KCL water. NU Stinger Frac Head. RU Quick Test & test 4-1/2" csg, frac valve & CIBP to 9000#. OK. Shut well in. RDMO Rocky Mtn Well Service.  24 Hour Forecast: Will RU Halliburton Frac Crew.  Csg Size: 4-1/2" 13.5# & 15.1# P-110 Csg Depth: 13,003'  Perfs Dakota 12796' - 12806' 12786' - 12788' 12766' - 12770' Set CIBP @ 12740'
6/27/2007	06:00 - 16:00	10.00	LOC	4	On 6/26/07 - MIRU Halliburton Frac Crew, OWP Perforators & Parchman Flow Back. SDFN  24 Hour Forecast: Will frac well.  Csg Size: 4-1/2" 13.5# & 15.1# P-110 Csg Depth: 13,003'  Perfs Dakota 12796' - 12806' 12786' - 12788' 12766' - 12770' Set CIBP @ 12740'
6/28/2007	06:00 - 16:00	10.00	STIM	3	On 6/27/07 Pre-job safety meeting. RU Protechnics. Zone 2 - Dakota 12284' - 12644'. Perforate per Cutters intervals 12644' - 12650'; 12610' - 12618'; 12576' - 12580'; 12306' - 12308' & 12280' - 12282'. Breakdown @ 5450#. Pump 400 gals 15% HCL ahead of 286 bbl pad. Frac w/ 35# Hybor G-UT fluid system. Ramp 1-4 ppg SRC 30/50 Sand om 739 bbl fluid. Flush w/ 400 gals 28% HCL in 183 bbls water. Total load = 1155 bbls. Total sand = 70,300#, avg rate = 38 BPM, max rate = 54 BPM, avg psi = 8149#, max psi = 9035#. ISIP = 7081#. FG = (1.01). Zone 3 - Frontier 11669' - 12116'. Lube in frac plug @ 12140'. Perforate per Cutters CBL intervals 12116' - 12118'; 11961' - 11936'; 11874' - 11876'; 11866' - 11868'; 11852' - 11854'; 11709' - 11711' & 11667' - 11669'. Breakdown @ 7434#. Pump 286 bbl pad. Frac w/ 10# water fluid system. Ramp 5 - 2 ppg 30/50 PRC Sand in 734 bbl fluid. Flush 185 bbls water. Total load = 1174 bbls. Total sand =

**Operations Summary Report**

Well Name: RWS 6D-5-9-24  
 Location: 6-9-S 24-E 26  
 Rig Name: TRUE

Spud Date: 4/23/2007  
 Rig Release: 5/3/2007  
 Rig Number: 26

Date	From - To	Hours	Code	Sub Code	Description of Operations
6/28/2007	06:00 - 16:00	10.00	STIM	3	<p>35,900#. Avg rate = 42 BPM, max rate = 48 BPM, avg psi = 8149#, max psi = 8663#. ISIP = 5511#. FG = (.90).</p> <p>Zone 4 - Frontier 11252' - 11529'. Lube in frac plug @ 11590'. Perforate per Cutters CBL intervals 11527' - 11529'; 11491' - 11493'; 11463' - 11465'; 11402' - 11404'; 11353' - 11355'; 11259' - 11261'; 11252' - 11254'. Breakdown @ 6076#. Pump 478 bbl pad. Frac w/ slick water fluid system. Ramp .2-1 ppg 30/50 PRC Sand in 1827 bbl fluid. Flush w/ 179 bbl water. Total load = 2444 bbbs. Total sand = 34,700#. Avg rate = 44 BPM, max rate = 50 BPM, avg psi = 7106#, max psi = 9232#. ISIP = 5477#. FG = (.92).</p> <p>Zone 5 - Frontier 10572' - 11005'. Lube in frac plug @ 11070'. Perforate per Cutters CBL intervals 11003' - 11005'; 10935' - 10937'; 10868' - 10870'; 10770' - 10772'; 10745' - 10747'; 10603' - 10605' &amp; 10572' - 10574'. SDFN.</p> <p>All zones were traced w/ Protechnics Radioactive Tracer. All frac plugs are Halliburton 8K plugs.                      All perforations were correlated to HES dated 5/27/07 &amp; perforated w/ CBL dated 6/13/07 &amp; 6/19/07.</p> <p>24 Hour Forecast:</p> <p>Csg Size: 4-1/2" 13.5# &amp; 15.1# P-110                      Csg Depth: 13,003'</p> <p>Perfs                      Dakota                      12796' - 12806'                      12786' - 12788'                      12766' - 12770'                      Set CIBP @ 12740'                      Dakota                      12644' - 12650'                      12610' - 12618'                      12576' - 12580'                      12306' - 12308'                      12280' - 12284'                      Frontier                      12116' - 12118'                      11961' - 11963'                      11874' - 11876'                      11866' - 11868'                      11852' - 11854'                      11709' - 11711'                      11667' - 11669'                      Frontier                      11527' - 11529'                      11491' - 11493'                      11463' - 11465'                      11402' - 11404'                      11353' - 11355'                      11259' - 11261'                      11252' - 11254'                      Mancos                      11003' - 11005'</p>

Operations Summary Report

Well Name: RWS 6D-5-9-24  
 Location: 6- 9-S 24-E 26  
 Rig Name: TRUE

Spud Date: 4/23/2007  
 Rig Release: 5/3/2007  
 Rig Number: 26

Date	From - To	Hours	Code	Sub Code	Description of Operations
6/28/2007	06:00 - 16:00	10.00	STIM	3	10953' - 10937' 10868' - 10870' 10770' - 10772' 10745' - 10747' 10603' - 10605' 10572' - 10574'
6/29/2007	06:00 - 16:00	10.00	STIM	3	<p>On 6/28/07 Pre-job safety meeting. RU Protecnitics.</p> <p>Zone 5 - Frontier 10572' - 11006'. Breakdown @ 5450#. Pump 400 gal 15% HCL ahead of 286 bbl pad. Frac w/ 10# linear gel fluid system. Ramp .5-2 ppg 30/50 PRC Sand in 718 bbls fluid. Flush w/ 168 bbls water. Total load = 1147 bbls. Total sand = 34,500#, avg rate = 40 BPM, max rate = 50 BPM, avg psi = 8082#, max psi = 8928#, ISIP = 4806#, FG = (.88).</p> <p>Zone 6 - Mancos 10113' - 10349'. Lube in frac plug @ 10420'. Perforate per Cutters CBL intervals 10347' - 10349'; 10317' - 10319'; 10235' - 10237'; 10192' - 10194'; 10146' - 10148'; 10125' - 10127' &amp; 10113' - 10115'. Breakdown @ 5977#. Pump 478 bbl pad. Frac w/ slick water fluid system. Stage .2-.75 ppg 30/50 PRC Sand in 2004 bbl fluid. Flush 161 bbls water. Total load = 2349 bbls. Total sand = 34,200#. Avg rate = 43 BPM, max rate = 46 BPM, avg psi = 6562#, max psi = 8579#, ISIP = 3845#, FG = (.82).</p> <p>Zone 7 - Mancos 9460' - 9648'. Lube in frac plug @ 9715'. Perforate per Cutters CBL intervals 9646' - 9648'; 9588' - 9590'; 9542' - 9544'; 9522' - 9524'; 9480' - 9482' &amp; 9460' - 9462'. Breakdown @ 5776#. Pump 286 bbl pad. Frac w/ 10# linear gel fluid system. Ramp .5 - 2 ppg 30/50 PRC Sabd ub 703 bbls fluid. Flush with 152 bbl water. Total Load = 1165 bbls. Total sand = 33,500#. Avg rate = 45 BPM, max rate = 47 BPM, avg psi = 7628#; max psi = 8490#. ISIP = 3855#. FG = (.84).</p> <p>Zone 8 - Mancos 8869' - 9214'. Lube in frac plug @ 9295'. Perforate per Cutters CBL intervals 9207' - 9209'; 9183' - 9185'; 9173' - 9175'; 9079' - 9081'; 8935' - 8937'; 8869' - 8871'. Breakdown @ 6004#. Pump 477 bbl pad. Frac w/ slick water fluid system. Stage .25 - 1.25 ppg 30/50 PRC Sand in 1557 bbl fluid. Flush w/ 143 bbl water. Total load = 2149 bbls. Total sand = 34,700#. Avg rate = 46 BPM, max rate = 50 BPM, avg psi = 6059#, max psi = 8655#, ISIP = 2719#. FG = (.74).</p> <p>Zone 8 - Blackhawk 8317' - 8678'. Lube in frac plug @ 8775'. Perforate per Cutters CBL intervals 8676' - 8678'; 8644' - 8646'; 8582' - 8584'; 8531' - 8533'; 8506' - 8508'; 8408' - 8410' &amp; 8317' - 8319'. SDFN.</p> <p>24 Hour Forecast: Finish Frac Job.</p> <p>Csg Size: 4-1/2" 13.5# &amp; 15.1# P-110                      Csg Depth: 13,003'</p> <p>Perfs                      Dakota                      12796' - 12806'                      12786' - 12788'                      12766' - 12770'                      Set CIBP @ 12740'                      Dakota                      12644' - 12650'                      12610' - 12618'                      12576' - 12580'                      12306' - 12308'                      12280' - 12284'</p>

**Questar E & P**  
**Operations Summary Report**

Well Name: RWS 6D-5-9-24  
Location: 6-9-S 24-E 26  
Rig Name: TRUE

Spud Date: 4/23/2007  
Rig Release: 5/3/2007  
Rig Number: 26

Date	From - To	Hours	Code	Sub Code	Description of Operations
6/29/2007	06:00 - 16:00	10.00	STIM	3	Frontier 12116' - 12118' 11961' - 11963' 11874' - 11876' 11866' - 11868' 11852' - 11854' 11709' - 11711' 11667' - 11669' Frontier 11527' - 11529' 11491' - 11493' 11463' - 11465' 11402' - 11404' 11353' - 11355' 11259' - 11261' 11252' - 11254' Mancos 11003' - 11005' 10953' - 10937' 10868' - 10870' 10770' - 10772' 10745' - 10747' 10603' - 10605' 10572' - 10574' Mancos 10347' - 10349' 10317' - 10319' 10868' - 10870' 10770' - 10772' 10745' - 10747' 10125' - 10127' 10113' - 10115'  Mancos 9646' - 9648' 9588' - 9590' 9542' - 9544' 9522' - 9524' 9480' - 9482' 9460' - 9462' Mancos 9207' - 9209' 9183' - 9185' 9173' - 9175' 9079' - 9081' 8935' - 8937' 8869' - 8871' Blackhawk 8676' - 8678' 8644' - 8646' 8582' - 8584' 8531' - 8533' 8506' - 8508'

Operations Summary Report

Well Name: RWS 6D-5-9-24  
 Location: 6- 9-S 24-E 26  
 Rig Name: TRUE

Spud Date: 4/23/2007  
 Rig Release: 5/3/2007  
 Rig Number: 26

Date	From - To	Hours	Code	Sub Code	Description of Operations
6/29/2007	06:00 - 16:00	10.00	STIM	3	8408' - 8410' 8317' - 8319'
7/2/2007	06:00 - 16:00	10.00	STIM	3	<p>On 6/29/07 Pre-job safety meeting. RU Protechnics.</p> <p>Zone 9 - Blackhawk 8317' - 8678'. Break @ 4537#. Pump 400 gals 15% HCL ahead of 382 bbls pad. Frac w/ 10# linear gel fluid system. Ramp .5 - 2 ppg 30/50 PRC Sand in 2217 bbl fluid. Flush w/ 134 bbl water. Total load = 2617 bbls. Total sand = 124,900#. Avg rate = 53 BPM, max rate = 50 BPM, avg psi = 6188#, max psi = 8464#, ISIP = 3163#. FG = (.81).</p> <p>Zone 10 - Wasatch - 4832' - 5035'. Lube in frac plug @ 5130'. Perforate per Cutters CBL intervals 5029' - 5035' &amp; 4832' - 4842'. Breakdown @ 6300#. Pump 91 bbl pad. Pump 91 bbl pad. Frac w/ Delta 140 fluid system. Ramp 1 - 5 ppg 20/40 Prem white sand in 427 bbl fluid. Flush 97 bbl water. Total load = 568 bbls. Total sand = 49,300#. Avg rate = 33 BPM, Max rate = 44 BPM, avg psi = 4006#, max psi = 9093#, ISIP = 1662#, FG = 1662#. FG = (.78).</p> <p>Zone 11 - Wasatch 4581' - 4619'. Lube in frac plug @ 4705'. Perforate per Cutters CBL intervals 4615' - 4619', 4605' - 4609' &amp; 4581' - 4585'. Breakdown @ 3811#. Pump 155 bbl pad. Frac w/ Delta 140 fluid system. Ramp 1-5 ppg 20/40 Premium white sand in 332 bbl fluid. Flush 68 bbl water. Total load = 440 bbls. Total sand = 37,500#. Avg rate = 35 BPM, max rate = 37 BPM, avg psi = 3504#, max psi = 7987#. ISIP = 1375#. FG = (.74). Shut well in for 3 hours. NU IPS Flowback manifold. RDMO Halliburton, OWP wireline &amp; Quick Test. See IPS flow report.</p> <p>All zones were traced w/ Protechnics Radioactive Tracer. All frac plug are Halliburton 8K plugs. All perforations were correlated to HES dated 5/27/07 &amp; perforated w/ CBL dated 6/13/07 &amp; 6/19/07.</p> <p>24 Hour Forecast: Will continue to flow back well.</p> <p>Csg Size: 4-1/2" 13.5# &amp; 15.1# P-110                      Csg Depth: 13,003'</p> <p>Perfs                      Dakota                      12796' - 12806'                      12786' - 12788'                      12766' - 12770'                      Set CIBP @ 12740'                      Dakota                      12644' - 12650'                      12610' - 12618'                      12576' - 12580'                      12306' - 12308'                      12280' - 12284'                      Frontier                      12116' - 12118'                      11961' - 11963'                      11874' - 11876'                      11866' - 11868'                      11852' - 11854'                      11709' - 11711'                      11667' - 11669'                      Frontier                      11527' - 11529'</p>

**Questar E & P**  
**Operations Summary Report**

Well Name: RWS 6D-5-9-24  
Location: 6- 9-S 24-E 26  
Rig Name: TRUE

Spud Date: 4/23/2007  
Rig Release: 5/3/2007  
Rig Number: 26

Date	From - To	Hours	Code	Sub Code	Description of Operations
7/2/2007	06:00 - 16:00	10.00	STIM	3	11491' - 11493' 11463' - 11465' 11402' - 11404' 11353' - 11355' 11259' - 11261' 11252' - 11254' <b>Mancos</b> 11003' - 11005' 10953' - 10937' 10868' - 10870' 10770' - 10772' 10745' - 10747' 10603' - 10605' 10572' - 10574' <b>Mancos</b> 10347' - 10349' 10317' - 10319' 10868' - 10870' 10770' - 10772' 10745' - 10747' 10125' - 10127' 10113' - 10115'  <b>Mancos</b> 9646' - 9648' 9588' - 9590' 9542' - 9544' 9522' - 9524' 9480' - 9482' 9460' - 9462' <b>Mancos</b> 9207' - 9209' 9183' - 9185' 9173' - 9175' 9079' - 9081' 8935' - 8937' 8869' - 8871' <b>Blackhawk</b> 8676' - 8678' 8644' - 8646' 8582' - 8584' 8531' - 8533' 8506' - 8508' 8408' - 8410' 8317' - 8319' <b>Wasatch</b> 5029' - 5035' 4832' - 4842' 4615' - 4619' 4605' - 4609' 4581' - 4585'

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE  
(See other instructions on reverse side).

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

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WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

1a. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> DRY <input type="checkbox"/> Other _____										5. LEASE DESIGNATION AND SERIAL NO. UTU - 81308X	
b. TYPE OF COMPLETION NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP-EN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR <input type="checkbox"/> Other _____										6. IF INDIAN, ALLOTTEE OR TRIBE NAME N/A	
2. NAME OF OPERATOR QUESTAR EXPLORATION & PRODUCTION CO.										7. UNIT AGREEMENT NAME BIG VALLEY UNIT UTU - 81308X	
3. ADDRESS OF OPERATOR 1571 East 1700 South - Vernal, UT 84078 Contact: Dahn Caldwell 435-781-4342 Fax # 435.781.4357										8. FARM OR LEASE NAME N/A	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface SENW, SEC 5-T9S-R24E, 1718' FNL, 1824' FWL At top rod. interval reported below SENW, SEC 5-T9S-R24E, 1718' FNL, 1824' FWL At total depth SENW, SEC 5-T9S-R24E, 1718' FNL, 1824' FWL										9. WELL NO. RWS 6D 5 9 24	
14. PERMIT NO. 43-047-37350										12. COUNTY OR PARISH UINTAH	
DATE ISSUED										13. STATE UT	
15. DATE SPUNDED 4/13/07		16. DATE T.D. REACHED 5/26/07		17. DATE COMPL. (Ready to prod.) 6/30/07		18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* KB		19. ELEV. CASINGHEAD			
20. TOTAL DEPTH, MD & TVD 13,000'		21. PLUG BACK TD., MD & TVD 12,955'		22. IF MULTIPLE COMPL., HOW MANY*		23. INTERVALS DRILLED BY ROTARY TOOLS X CABLE TOOLS					
24. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)* SEE ATTACHMENT PAGE 1										25. WAS DIRECTIONAL SURVEY MADE NO	
26. TYPE ELECTRIC AND OTHER LOGS RUN GR/CBL, SPECTRAL DENSITY DSN, ARRAY COMPENSATED TRUE RESISTIVITY, 50/100										27. WAS WELL CORED NO	
28. CASING RECORD (Report all strings set in well)											
CASING SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)		HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED	
9 5/8"		36#		2209' GL		12 1/4"		620 SXS			
7"		26#		8499'		8 3/4"		1,080 SXS			
4 1/2"		15.1#		13,000'		6 1/8"		1,125 SXS			
29. LINER RECORD											
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT*		SCREEN (MD)		30. TUBING RECORD	
										SIZE	
										DEPTH SET (MD)	
										PACKER SET (MD)	
31. PERFORATION RECORD (Interval, size and number) SEE ATTACHMENT PAGE 1											
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.											
DEPTH INTERVAL (MD)						AMOUNT AND KIND OF MATERIAL USED					
SEE ATTACHMENT PG 1						SEE ATTACHMENT PAGE 1					
33.* PRODUCTION											
DATE FIRST PRODUCTION 6/30/07			PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump) FLOWING						WELL STATUS (Producing or shut-in) PRODUCING		
DATE OF TEST 7/2/07		HOURS TESTED 24		CHOKE SIZE 26/64"		PROD'N FOR TEST PERIOD →		OIL--BBL. 45		GAS--MCF. 1548	
								WATER--BBL. 1488		GAS-OIL RATIO	
FLOW. TUBING PRESS. N/A		CASING PRESSURE 1325		CALCULATED 24-HOUR RATE →		OIL--BBL.		GAS--MCF		WATER--BBL	
										OIL GRAVITY-API (CORR.)	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) SOLD											
35. LIST OF ATTACHMENTS WELLBORE SCHEMATIC & PERFORATION DETAIL ATTACHMENT PAGE 1											
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records											
SIGNED JIM SIMONTON				TITLE COMPLETION SUPERVISOR				DATE 8/7/07		DIVISION OIL, GAS & MINING	

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

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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):

38. GEOLOGIC MARKERS  
RWS 6D 5 9 24

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
UINTA	SURFACE			UINTA	SURFACE	
GREEN RIVER	1075'			GREEN RIVER	1075'	
MAHOGANY	2207'			MAHOGANY	2207'	
WASATCH	4224'			WASATCH	4224'	
MESAVERDE	5678'			MESAVERDE	5678'	
SEGO	7700'			SEGO	7700'	
BUCK TONGUE	7780'			BUCK TONGUE	7780'	
CASTLEGATE	7870'			CASTLEGATE	7870'	
MANCOS SHALE	8341'			MANCOS SHALE	8341'	
MANCOS 'B'	9163'			MANCOS 'B'	9163'	
FRONTIER	11475'			FRONTIER	11475'	
DAKOTA SILT	12313'			DAKOTA SILT	12313'	
DAKOTA SANDSTONE	12495'			DAKOTA SANDSTONE	12495'	
TD	13000'			TD	13000'	

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**RWS 6D 5 9 24**  
**PERFORATION DETAIL ATTACHMENT PAGE 1**

Open Perfs	Stimulation					Perf Status
4581' - 4585'	} Frac w/	37,500	Lbs in	18,480	Gals	Open - Wasatch
4605' - 4609'						Open - Wasatch
4615' - 4619'						Open - Wasatch
4832' - 4842'	} Frac w/	49,300	Lbs in	23,856	Gals	Open - Wasatch
5029' - 5035'						Open - Wasatch
8317' - 8319'	} Frac w/	124,900	Lbs in	109,914	Gals	Open - Blackhawk
8408' - 8410'						Open - Blackhawk
8506' - 8508'						Open - Blackhawk
8531' - 8533'						Open - Blackhawk
8582' - 8584'						Open - Blackhawk
8644' - 8646'						Open - Blackhawk
8676' - 8678'						Open - Blackhawk
8869' - 8871'	} Frac w/	34,700	Lbs in	90,258	Gals	Open - Mancos
8935' - 8937'						Open - Mancos
9079' - 9081'						Open - Mancos
9173' - 9175'						Open - Mancos
9183' - 9185'						Open - Mancos
9207' - 9209'						Open - Mancos
9460' - 9462'	} Frac w/	33,500	Lbs in	48,930	Gals	Open - Mancos
9480' - 9482'						Open - Mancos
9522' - 9524'						Open - Mancos
9542' - 9544'						Open - Mancos
9588' - 9590'						Open - Mancos
9646' - 9648'						Open - Mancos
10113' - 10115'	} Frac w/	34,200	Lbs in	98,658	Gals	Open - Mancos
10125' - 10127'						Open - Mancos
10146' - 10148'						Open - Mancos
10192' - 10194'						Open - Mancos
10235' - 10237'						Open - Mancos
10317' - 10319'						Open - Mancos
10347' - 10349'						Open - Mancos
10572' - 10574'	} Frac w/	34,500	Lbs in	48,174	Gals	Open - Mancos
10603' - 10605'						Open - Mancos
10745' - 10747'						Open - Mancos
10770' - 10772'						Open - Mancos
10868' - 10870'						Open - Mancos
10935' - 10937'						Open - Mancos
11003' - 11005'						Open - Mancos

11252' - 11254'	}	Frac w/	34,700	Lbs in	102,648	Gals	Open - Frontier
11259' - 11261'							Open - Frontier
11353' - 11355'							Open - Frontier
11402' - 11404'							Open - Frontier
11463' - 11465'							Open - Frontier
11491' - 11493'							
11527' - 11529'							
11667' - 11669'	}	Frac w/	35,900	Lbs in	49,308	Gals	Open - Frontier
11709' - 11711'							Open - Frontier
11852' - 11854'							Open - Frontier
11866' - 11868'							Open - Frontier
11874' - 11876'							Open - Frontier
11961' - 11963'							Open - Frontier
12116' - 12118'							Open - Frontier
12280' - 12282'	}	Frac w/	70,300	Lbs in	48,510	Gals	Open - Dakota
12306' - 12308'							Open - Dakota
12576' - 12580'							Open - Dakota
12610' - 12618'							Open - Dakota
12644' - 12650'							Open - Dakota
12766' - 12770'	}	Acidize w/	1000	Gals	15% HCL		Closed - Dakota
12786' - 12788'							Closed - Dakota
12796' - 12806'							Closed - Dakota

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UTO8625P19 <b>FIELD:</b> Redwash South	GL: 5,118' KBE: 5,130'	Spud Date: 4-13-07 Completion date: 7-9-07
<b>Well:</b> RWS 6D-5-9-24	TD: 13,000' PBD: 12,955'	Current Well Status: Flowing Gas Well
Location - surface: SE/NW Sec. 5, T9S, R24E 1718' FNL, 1824' FWL	Reason for Pull/Workover: Initial completion	
Location - bottom hole: Same	Deviation: _____	
API#: 43-047- 37350	Utah County, Utah	

**Wellbore Schematic**

**Surface casing**

Size: 9.625"  
Weight: 36#  
Grade: J-55  
Set @ 2209'  
Cmtd w/ 420  
Hole size: 12 1/4"

**Intermediate Casing**

Size: 7"  
Weight: 26  
Grade: HCP-110  
Set @ 8499  
Cmtd w/ 1080  
Hole size: 9-7/8"

**Production Casing**

Size: 4-1/2"  
Weight: 15.1#  
Grade: P-110  
Set @ 98'  
Size: 4-1/2"  
Weight: 13.5#  
Grade: P-110  
Set @ 12,456'  
Size: 4-1/2"  
Weight: 15.1#  
Grade: P-110  
Set @ 13,003'  
Cmtd w/ 1120 sks  
Hole size: 6-1/2"

OPEN PERES

Wasatch  
4581'-85' w/ 3 spf  
4605'-09' w/ 3 spf  
4615'-19' w/ 3 spf

Wasatch  
4832'-42' w/ 3 spf  
5029'-35' w/ 3 spf

Blackhawk  
8317'-19' w/ 3 spf  
8408'-10' w/ 3 spf  
8506'-08' w/ 3 spf  
8531'-33' w/ 3 spf  
8582'-84' w/ 3 spf  
8644'-46' w/ 3 spf  
8676'-78' w/ 3 spf

Mancos  
8869'-71' w/ 3 spf  
8935'-37' w/ 3 spf  
9079'-81' w/ 3 spf  
9173'-75' w/ 3 spf  
9183'-85' w/ 3 spf  
9207'-09' w/ 3 spf

Mancos  
9460'-62' w/ 3 spf  
9480'-82' w/ 3 spf  
9522'-24' w/ 3 spf  
9542'-44' w/ 3 spf  
9588'-90' w/ 3 spf  
9646'-48' w/ 3 spf

Mancos  
10113'-15' w/ 3 spf  
10125'-27' w/ 3 spf  
10146'-48' w/ 3 spf  
10192'-94' w/ 3 spf  
10235'-37' w/ 3 spf  
10317'-19' w/ 3 spf  
10347'-49' w/ 3 spf

**Tubing Landing Detail:**

Description	Size	Footage	Depth
KB		12.00	12.00
			12.00
			12.00
			12.00
			12.00
			12.00
EOT @			12.00

**Tubing Information:**

Condition: \_\_\_\_\_  
New: \_\_\_\_\_ Used: \_\_\_\_\_ Rerun: \_\_\_\_\_  
Grade: \_\_\_\_\_  
Weight (#/ft): \_\_\_\_\_

Wellhead Detail: Example: 7-1/16" 3000#  
7-1/16" 15,000#

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

**SUMMARY**

**Dakota**  
Zone 1 - Gross Interval 12766'-12806'. Acidize w/ 1000 gal 15% Hcl  
SET CIBP @ 12,740'

**Dakota**  
Zone 2 - Gross Interval 12280'-12650' Frac w/ 70,300# 30/50 PR-6000  
Frontier

Zone 3 - Gross Interval 11667'-12118'. Frac w/ 35,900# 30/50 PR-6000  
Zone 4 - Gross Interval 11252'-11529'. Frac w/ 34,700# 30/50 PR-6000

**Mancos**  
Zone 5 - Gross Interval 10572'-11005'. Frac w/ 34,500# 30/50 PR-6000  
Zone 6 - Gross Interval 10113'-10349'. Frac w/ 34,200# 30/50 PR-6000  
Zone 7 - Gross Interval 10113'-10349'. Frac w/ 33,500# 30/50 PR-6000  
Zone 8 - Gross Interval 10113'-10349'. Frac w/ 34,700# 30/50 PR-6000

**Blackhawk**  
Zone 9 - Gross Interval 10113'-10349'. Frac w/ 124,900# 30/50 PR-6000

**Wasatch**  
Zone 10 - Gross Interval 4832'-5035'. Frac w/ 49,300# 20/40 prem white.

**Wasatch**  
Zone 11 - Gross Interval 4581'-4619'. Frac w/ 37,500# 20/40 prem white.

7-6-07 MIRU CTU, Baker tool & Spirit Completion fluids. Drill up plugs.  
Flow well & turn over to production on 7-9-07.  
Note: Sand tracer was run in all fracs.



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Questar E & P						Page 1 of 13
Operations Summary Report						
Well Name: RWS 6D-5-9-24				Spud Date: 4/23/2007		
Location: 6-9-S 24-E 26				Rig Release: 5/3/2007		
Rig Name: TRUE				Rig Number: 26		
43-047-37350						
Date	From - To	Hours	Code	Sub Code	Description of Operations	
6/14/2007	06:00 - 16:00	10.00	LOG	3	<p>On 6/13/07 MIRU Cutters WL. RUn 3.625" gauge ring, tagged up @ 12,545'. POOH w/ gauge ring. RIH w/ CBL tool. Run a CBL/VDL/GR log from tag @ 12,544' to 3600' w/ top of cement est @ 4100'. RDMO Cutters WL. SWIFN.</p> <p>24 Hour Forecast: Will pressure test frac valve &amp; csg.</p> <p>Csg Size: 4-1/2" 13.5# &amp; 15.1# P-110 Csg Depth: 13,003'</p>	
6/15/2007	06:00 - 16:00	10.00	WOT	4	<p>On 6/14/07 - Waiting on Service Rig.</p> <p>24 Hour Forecast: Will MIRU Rocky Mtn Well Service.</p> <p>Csg Size: 4-1/2" 13.5# &amp; 15.1# P-110 Csg Depth: 13,003'</p>	
6/16/2007	06:00 - 16:00	10.00	TRP	2	<p>On 6/15/07 Pressure Test csg &amp; frac valve to 9000#. OK. MIRU Rocky Mtn Well Service #3. NU 7-1/16" 10K double BOP on 4-1/16" 10K frac valve. PU, tally &amp; rabbit in hole w/ 3-5/8" drag bit, bit sub, 1 jt 2-3/8" P-110 tbg, 1.81" F-Nipple &amp; 200 jts new 2-3/8" P-110 tbg to put EOT @ 6550'. SWIFN &amp; Lock Rams.</p> <p>24 Hour Forecast: Will finish PU tbg.</p> <p>Csg Size: 4-1/2" 13.5# &amp; 15.1# P-110 Csg Depth: 13,003'</p>	
6/18/2007	06:00 - 16:00	10.00	TRP	2	<p>On 6/16/07 SICP &amp; SITP = 0#. Open well. Finish PU, tally &amp; rabbit in hole w/ 3-5/8" drag bit, bit sub, 1 jt 2-3/8" P-110 tbg, 1.81" F-nipple &amp; 378 jts new 2-3/8" P-110 tbg to EOT @ 12,290'. SWIFN &amp; Lock Rams.</p> <p>24 Hour Forecast: Will drill up cement to PBTD.</p> <p>Csg Size: 4-1/2" 13.5# &amp; 15.1# P-110 Csg Depth: 13,003'</p>	
6/19/2007	06:00 - 16:00	10.00	SEQ	1	<p>On 6/18/07 - SICP = 0#, SITP = 0#. Open well. RIH w/ 3-5/8" drag bit, bit sub, 1 jt 2-3/8" P-110 tbg, 1.81" F-Nipple &amp; new 2-3/8" P-110 tbg to tag @ 12,530'. RU Power Swivel &amp; drill up scattered cmt stringers from 12,530' to PBTD @ 12,924'. FC @ 12,955'. Circulate clean &amp; displace well w/ 162 bbls 2% KCL water. POOH to 12,763'. SWIFN. Lock rams. Hook up flowback manifold.</p> <p>24 Hour Forecast: Will run CBL &amp; perf.</p> <p>Csg Size: 4-1/2" 13.5# &amp; 15.1# P-110 Csg Depth: 13,003'</p>	
6/20/2007	06:00 - 16:00	10.00	PERF	2	<p>On 6/19/07 SICP = 0# &amp; SITP = 0#. Open well. POOH w/ 3-5/8" drag bit, bit sub, 1 jt 2-3/8" P-110 tbg, 1.81" F-Nipple &amp; new 2-3/8" P-110 tbg. RU Cutters WL &amp; run CBL from PBTD @ 12926' to 11926'. Correlated the CBL to the Halliburton Open Hole Log dated 5/27/07. Perforated per the Cutters CBL Log dated 6/19/07 - Dakota interval 12796' - 12806'; 12786' - 12788' &amp; 12766' - 12770' @ 3 SPF w/ 120" phasing, 3-1/8" csg gun w/ Power Pak charges. Saw no pressure change. Well not flowing. RDMO Cutters WL. SWIFN &amp; lock rams.</p> <p>24 Hour Forecast: Will RIH w/ PKR &amp; tbg.</p> <p>Csg Size: 4-1/2" 13.5# &amp; 15.1# P-110 Csg Depth: 13,003'</p>	

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**Questar E & P**  
**Operations Summary Report**

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Well Name: RWS 6D-5-9-24  
Location: 6-9-S 24-E 26  
Rig Name: TRUE

Spud Date: 4/23/2007  
Rig Release: 5/3/2007  
Rig Number: 26

Date	From - To	Hours	Code	Sub Code	Description of Operations
6/20/2007	06:00 - 16:00	10.00	PERF	2	Perfs Dakota 12796' - 12806' 12786' - 12788' 12766' - 12770'
6/21/2007	06:00 - 16:00	10.00	PERF	2	On 6/20/07 SICP = 750#. Bleed off csg. Died in one minute. RIH w/ 4-1/2" HD Weatherford PKR, 1 jt 2-3/8" P-110 tbg, 1.81" F-Nipple & new 2-3/8" P-110 tbg. Set PKR @ 12,667'. Pressure csg to 3000# & breakdown perfs @ 12,766' - 12,806'. Perfs broke @ 4100#. Pump 10 bbls KCL water @ 3/4 BPM & 3900#. ISIP = 3500#. Total load w/ csg volume = 180 bbls. Bled back 2 bbls. Swab tbg. Made 10 runs & recovered 50 bbls water. No gas. IFL @ surface. FFL = 4400#. Csg = 0#. 128 BLLTR. PKR appears to be not sealing annulus. SWIFN & Lock rams.  24 Hour Forecast: Will pump 1000 gal acid job on perfs.  Csg Size: 4-1/2" 13.5# & 15.1# P-110 Csg Depth: 13,003'  Perfs Dakota 12796' - 12806' 12786' - 12788' 12766' - 12770'
6/22/2007	06:00 - 16:00	10.00	STIM	1	On 6/21/07 SICP & SITP = 0#. PKR leaking. Open well. Release 4-1/2" PKR @ 12,667'. Pump 10 bbls to break circulation. Circulate tbg volume (50 bbls).MIRU Halliburton Acid Crew. Pressure test to lines to 9500#. Hold pre-job safety meeting.  Start pumping w/ 1000 gals 15% acid down tbg w/ csg open. Spotted acid to 11,700'. Closed csg. Flushed tbg & csg to bottom perf w/ 55 bbls 2% KCL water. Break @ 5885#. Avg pressure = 3600#. Avg rate = 2.4 BPM. Max Rate = 2.4 BPM. Max pressure = 3741#. ISIP = 3625#. Total load = 81 bbls. (FG = .89). RDMO Halliburton Acid Crew. Open tbg, well flowed back 20 bbls water & died. Swab tbg. Made 15 runs & recovered 104 bbls water & acid. IFL @ surface. FFL = 33500'. Final csg = 0#. 101 BLLTR. SWIFN & lock rams.  24 Hour Forecast: Will flow test well.  Csg Size: 4-1/2" 13.5# & 15.1# P-110 Csg Depth: 13,003'  Perfs Dakota 12796' - 12806' 12786' - 12788' 12766' - 12770'
6/25/2007	06:00 - 16:00	10.00	SWAB	1	On 6/22/07 SICP = 0#, SITP = 0#. Open tbg. With PKR un-set @ 12,667'. Swab perfs @ 12,766' - 12,806'. Made 6 runs & recovered 36 bbls water. No gas. IFL = 1400'. FFL = 2800'. Final csg = 0#. 65 bbls left to recover. RD swab equipment. LD 310 jts 2-3/8" P-110 tbg to 2940'. SWIFWE & Lock rams.  24 Hour Forecast: Will finish POOH w/ tbg & set CIBP.

**Operations Summary Report**

Well Name: RWS 6D-5-9-24  
 Location: 6-9-S 24-E 26  
 Rig Name: TRUE

Spud Date: 4/23/2007  
 Rig Release: 5/3/2007  
 Rig Number: 26

Date	From - To	Hours	Code	Sub Code	Description of Operations
6/25/2007	06:00 - 16:00	10.00	SWAB	1	<p>Csg Size: 4-1/2" 13.5# &amp; 15.1# P-110                      Csg Depth: 13,003'</p> <p>Perfs                      Dakota                      12796' - 12806'                      12786' - 12788'                      12766' - 12770'</p>
6/26/2007	06:00 - 16:00	10.00	TRP	2	<p>On 6/25/07, SICP = 10# &amp; SITP = 10#. Bleed off well. Finish POOH laying down 2-3/8" P-110 tbg, 1.81" F-Nipple &amp; 4-1/2" HD PKR. ND 7-1/16" 10K BOP. RU Cutters WL &amp; set CIBP @ 12,740'. RD wireline. Fill csg w/ 10 bbls KCL water. NU Stinger Frac Head. RU Quick Test &amp; test 4-1/2" csg, frac valve &amp; CIBP to 9000#. OK. Shut well in. RDMO Rocky Mtn Well Service.</p> <p>24 Hour Forecast: Will RU Halliburton Frac Crew.</p> <p>Csg Size: 4-1/2" 13.5# &amp; 15.1# P-110                      Csg Depth: 13,003'</p> <p>Perfs                      Dakota                      12796' - 12806'                      12786' - 12788'                      12766' - 12770'                      Set CIBP @ 12740'</p>
6/27/2007	06:00 - 16:00	10.00	LOC	4	<p>On 6/26/07 - MIRU Halliburton Frac Crew, OWP Perforators &amp; Parchman Flow Back. SDFN</p> <p>24 Hour Forecast: Will frac well.</p> <p>Csg Size: 4-1/2" 13.5# &amp; 15.1# P-110                      Csg Depth: 13,003'</p> <p>Perfs                      Dakota                      12796' - 12806'                      12786' - 12788'                      12766' - 12770'                      Set CIBP @ 12740'</p>
6/28/2007	06:00 - 16:00	10.00	STIM	3	<p>On 6/27/07 Pre-job safety meeting. RU Protechnices.</p> <p>Zone 2 - Dakota 12284' - 12644'. Perforate per Cutters intervals 12644' - 12650'; 12610' - 12618'; 12576' - 12580'; 12306' - 12308' &amp; 12280' - 12282'. Breakdown @ 5450#. Pump 400 gals 15% HCL ahead of 286 bbl pad. Frac w/ 35# Hybor G-UT fluid system. Ramp 1-4 ppg SRC 30/50 Sand om 739 bbl fluid. Flush w/ 400 gals 28% HCL in 183 bbls water. Total load = 1155 bbls. Total sand = 70,300#, avg rate = 38 BPM, max rate = 54 BPM, avg psi = 8149#, max psi = 9035#. ISIP = 7081#. FG = (1.01).</p> <p>Zone 3 - Frontier 11669' - 12116'. Lube in frac plug @ 12140'. Perforate per Cutters CBL intervals 12116' - 12118'; 11961' - 11936'; 11874' - 11876'; 11866' - 11868'; 11852' - 11854'; 11709' - 11711' &amp; 11667' - 11669'. Breakdown @ 7434#. Pump 286 bbl pad. Frac w/ 10# water fluid system. Ramp 5 - 2 ppg 30/50 PRC Sand in 734 bbl fluid. Flush 185 bbls water. Total load = 1174 bbls. Total sand =</p>

**Operations Summary Report**

Well Name: RWS 6D-5-9-24  
 Location: 6- 9-S 24-E 26  
 Rig Name: TRUE

Spud Date: 4/23/2007  
 Rig Release: 5/3/2007  
 Rig Number: 26

Date	From - To	Hours	Code	Sub Code	Description of Operations
6/28/2007	06:00 - 16:00	10.00	STIM	3	<p>35,900#. Avg rate = 42 BPM, max rate = 48 BPM, avg psi = 8149#, max psi = 8663#. ISIP = 5511#. FG = (.90).</p> <p>Zone 4 - Frontier 11252' - 11529'. Lube in frac plug @ 11590'. Perforate per Cutters CBL intervals 11527' - 11529'; 11491' - 11493'; 11463' - 11465'; 11402' - 11404'; 11353' - 11355'; 11259' - 11261'; 11252' - 11254'. Breakdown @ 6076#. Pump 478 bbl pad. Frac w/ slick water fluid system. Ramp -2-1 ppg 30/50 PRC Sand in 1827 bbl fluid. Flush w/ 179 bbl water. Total load = 2444 bbls. Total sand = 34,700#. Avg rate = 44 BPM, max rate = 50 BPM, avg psi = 7106#, max psi = 9232#. ISIP = 5477#. FG = (.92).</p> <p>Zone 5 - Frontier 10572' - 11005'. Lube in frac plug @ 11070'. Perforate per Cutters CBL intervals 11003' - 11005'; 10935' - 10937'; 10868' - 10870'; 10770' - 10772'; 10745' - 10747'; 10603' - 10605' &amp; 10572' - 10574'. SDFN.</p> <p>All zones were traced w/ Protechnics Radioactive Tracer. All frac plugs are Halliburton 8K plugs.                      All perforations were correlated to HES dated 5/27/07 &amp; perforated w/ CBL dated 6/13/07 &amp; 6/19/07.</p> <p>24 Hour Forecast:</p> <p>Csg Size: 4-1/2" 13.5# &amp; 15.1# P-110                      Csg Depth: 13,003'</p> <p>Perfs                      Dakota                      12796' - 12806'                      12786' - 12788'                      12766' - 12770'                      Set CIBP @ 12740'                      Dakota                      12644' - 12650'                      12610' - 12618'                      12576' - 12580'                      12306' - 12308'                      12280' - 12284'                      Frontier                      12116' - 12118'                      11961' - 11963'                      11874' - 11876'                      11866' - 11868'                      11852' - 11854'                      11709' - 11711'                      11667' - 11669'                      Frontier                      11527' - 11529'                      11491' - 11493'                      11463' - 11465'                      11402' - 11404'                      11353' - 11355'                      11259' - 11261'                      11252' - 11254'                      Mancos                      11003' - 11005'</p>

**Operations Summary Report**

Well Name: RWS 6D-5-9-24  
 Location: 6-9-S 24-E 26  
 Rig Name: TRUE

Spud Date: 4/23/2007  
 Rig Release: 5/3/2007  
 Rig Number: 26

Date	From - To	Hours	Code	Sub Code	Description of Operations
6/28/2007	06:00 - 16:00	10.00	STIM	3	10953' - 10937' 10868' - 10870' 10770' - 10772' 10745' - 10747' 10603' - 10605' 10572' - 10574'
6/29/2007	06:00 - 16:00	10.00	STIM	3	On 6/28/07 Pre-job safety meeting. RU Protecnitics. Zone 5 - Frontier 10572' - 11006'. Breakdown @ 5450#. Pump 400 gal 15% HCL ahead of 286 bbl pad. Frac w/ 10# linear gel fluid system. Ramp .5-2 ppg 30/50 PRC Sand in 718 bbls fluid. Flush w/ 168 bbls water. Total load = 1147 bbls. Total sand = 34,500#, avg rate = 40 BPM, max rate = 50 BPM, avg psi = 8082#, max psi = 8928#, ISIP = 4806#, FG = (.88). Zone 6 - Mancos 10113' - 10349'. Lube in frac plug @ 10420'. Perforate per Cutters CBL intervals 10347' - 10349'; 10317' - 10319'; 10235' - 10237'; 10192' - 10194'; 10146' - 10148'; 10125' - 10127' & 10113' - 10115'. Breakdown @ 5977#. Pump 478 bbl pad. Frac w/ slick water fluid system. Stage .2-.75 ppg 30/50 PRC Sand in 2004 bbl fluid. Flush 161 bbls water. Total load = 2349 bbls. Total sand = 34,200#. Avg rate = 43 BPM, max rate = 46 BPM, avg psi = 6562#, max psi = 8579#, ISIP = 3845#, FG = (.82). Zone 7 - Mancos 9460' - 9648'. Lube in frac plug @ 9715'. Perforate per Cutters CBL intervals 9646' - 9648'; 9588' - 9590'; 9542' - 9544'; 9522' - 9524'; 9480' - 9482' & 9460' - 9462'. Breakdown @ 5776#. Pump 286 bbl pad. Frac w/ 10# linear gel fluid system. Ramp .5 - 2 ppg 30/50 PRC Sand in 703 bbls fluid. Flush with 152 bbl water. Total Load = 1165 bbls. Total sand = 33,500#. Avg rate = 45 BPM, max rate = 47 BPM, avg psi = 7628#; max psi = 8490#. ISIP = 3855#. FG = (.84). Zone 8 - Mancos 8869' - 9214'. Lube in frac plug @ 9295'. Perforate per Cutters CBL intervals 9207' - 9209'; 9183' - 9185'; 9173' - 9175'; 9079' - 9081'; 8935' - 8937'; 8869' - 8871'. Breakdown @ 6004#. Pump 477 bbl pad. Frac w/ slick water fluid system. Stage .25 - 1.25 ppg 30/50 PRC Sand in 1557 bbl fluid. Flush w/ 143 bbl water. Total load = 2149 bbls. Total sand = 34,700#. Avg rate = 46 BPM, max rate = 50 BPM, avg psi = 6059#, max psi = 8655#, ISIP = 2719#. FG = (.74). Zone 8 - Blackhawk 8317' - 8678'. Lube in frac plug @ 8775'. Perforate per Cutters CBL intervals 8676' - 8678'; 8644' - 8646'; 8582' - 8584'; 8531' - 8533'; 8506' - 8508'; 8408' - 8410' & 8317' - 8319'. SDFN.  24 Hour Forecast: Finish Frac Job.  Csg Size: 4-1/2" 13.5# & 15.1# P-110 Csg Depth: 13,003'  Perfs Dakota 12796' - 12806' 12786' - 12788' 12766' - 12770' Set CIBP @ 12740' Dakota 12644' - 12650' 12610' - 12618' 12576' - 12580' 12306' - 12308' 12280' - 12284'

**Operations Summary Report**

Well Name: RWS 6D-5-9-24  
 Location: 6- 9-S 24-E 26  
 Rig Name: TRUE

Spud Date: 4/23/2007  
 Rig Release: 5/3/2007  
 Rig Number: 26

Date	From - To	Hours	Code	Sub Code	Description of Operations
6/29/2007	06:00 - 16:00	10.00	STIM	3	Frontier 12116' - 12118' 11961' - 11963' 11874' - 11876' 11866' - 11868' 11852' - 11854' 11709' - 11711' 11667' - 11669' Frontier 11527' - 11529' 11491' - 11493' 11463' - 11465' 11402' - 11404' 11353' - 11355' 11259' - 11261' 11252' - 11254' Mancos 11003' - 11005' 10953' - 10937' 10868' - 10870' 10770' - 10772' 10745' - 10747' 10603' - 10605' 10572' - 10574' Mancos 10347' - 10349' 10317' - 10319' 10868' - 10870' 10770' - 10772' 10745' - 10747' 10125' - 10127' 10113' - 10115' Mancos 9646' - 9648' 9588' - 9590' 9542' - 9544' 9522' - 9524' 9480' - 9482' 9460' - 9462' Mancos 9207' - 9209' 9183' - 9185' 9173' - 9175' 9079' - 9081' 8935' - 8937' 8869' - 8871' Blackhawk 8676' - 8678' 8644' - 8646' 8582' - 8584' 8531' - 8533' 8506' - 8508'

**Operations Summary Report**

Well Name: RWS 6D-5-9-24  
 Location: 6-9-S 24-E 26  
 Rig Name: TRUE

Spud Date: 4/23/2007  
 Rig Release: 5/3/2007  
 Rig Number: 26

Date	From - To	Hours	Code	Sub Code	Description of Operations
6/29/2007	06:00 - 16:00	10.00	STIM	3	8408' - 8410' 8317' - 8319'
7/2/2007	06:00 - 16:00	10.00	STIM	3	<p>On 6/29/07 - Pre-job safety meeting. RU Protechnics.</p> <p>Zone 9 - Blackhawk 8317' - 8678'. Break @ 4537#. Pump 400 gals 15% HCL ahead of 382 bbls pad. Frac w/ 10# linear gel fluid system. Ramp .5 - 2 ppg 30/50 PRC Sand in 2217 bbl fluid. Flush w/ 134 bbl water. Total load = 2617 bbls. Total sand = 124,900#. Avg rate = 53 BPM, max rate = 50 BPM, avg psi = 6188#, max psi = 8464#, ISIP = 3163#, FG = (.81).</p> <p>Zone 10 - Wasatch 4832' - 5035'. Lube in frac plug @ 5130'. Perforate per Cutters CBL intervals 5029' - 5035' &amp; 4832' - 4842'. Breakdown @ 6300#. Pump 91 bbl pad. Frac w/ Delta 140 fluid system. Ramp 1-5 ppg 20/40 Premium White Sand in 427 bbl fluid. Flush 97 bbl water. Total load = 568 bbls. Total sand = 49,300#. Avg rate = 33 BPM. Max rate = 44 BPM. Avg psi = 4006#, max psi = 9093#, ISIP = 1662#. FG = (.78).</p> <p>Zone 11 - Wasatch 4581' - 4619'. Lube in frac plug @ 4705'. Perforate per Cutters CBL intervals 4615' - 4619'; 4605' - 4609'; 4581' - 4585'. Breakdown @ 3811#. Pump 155 bbls pad. Frac w/ Delta 140 fluid system. Ramp 1-5 ppg 20/40 Premium White Sand in 332 bbls fluid. Flush 68 bbls water. Total load = 440 bbls. Total sand = 37,500#. Avg rate = 35 BPM, max rate = 37 BPM, avg psi = 3504#, max psi = 7987#. ISIP = 1375#. FG = (.74).</p> <p>Shut well in for 3 hours. NU IPS flowback manifold. RDMO Halliburton, OWP wireline &amp; Quick Test. See IPS flow report.</p> <p>24 Hour Forecast: Will continue to flow back well.</p> <p>All zones were traced w/ Protechnics Radioactive Tracer. All frac plugs are Halliburton 8K plugs.</p> <p>All perforations were correlated to HES dated 5/27/07 &amp; perforated w/ CBL dated 6/13/07 &amp; 6/19/07..</p> <p>Csg Size: 4-1/2" 13.5# &amp; 15.1# P-110                      Csg Depth: 13,003'</p> <p>Perfs                      Dakota                      12796' - 12806'                      12786' - 12788'                      12766' - 12770'                      Set CIBP @ 12740'                      Dakota                      12644' - 12650'                      12610' - 12618'                      12576' - 12580'                      12306' - 12308'                      12280' - 12284'                      Frontier                      12116' - 12118'                      11961' - 11963'                      11874' - 11876'                      11866' - 11868'                      11852' - 11854'                      11709' - 11711'                      11667' - 11669'</p>

**Operations Summary Report**

Well Name: RWS 6D-5-9-24  
 Location: 6-9-S 24-E 26  
 Rig Name: TRUE

Spud Date: 4/23/2007  
 Rig Release: 5/3/2007  
 Rig Number: 26

Date	From - To	Hours	Code	Sub Code	Description of Operations
7/2/2007	06:00 - 16:00	10.00	STIM	3	Frontier 11527' - 11529' 11491' - 11493' 11463' - 11465' 11402' - 11404' 11353' - 11355' 11259' - 11261' 11252' - 11254' Mancos 11003' - 11005' 10953' - 10937' 10868' - 10870' 10770' - 10772' 10745' - 10747' 10603' - 10605' 10572' - 10574' Mancos 10347' - 10349' 10317' - 10319' 10868' - 10870' 10770' - 10772' 10745' - 10747' 10125' - 10127' 10113' - 10115'  Mancos 9646' - 9648' 9588' - 9590' 9542' - 9544' 9522' - 9524' 9480' - 9482' 9460' - 9462' Mancos 9207' - 9209' 9183' - 9185' 9173' - 9175' 9079' - 9081' 8935' - 8937' 8869' - 8871' Blackhawk 8676' - 8678' 8644' - 8646' 8582' - 8584' 8531' - 8533' 8506' - 8508' 8408' - 8410' 8317' - 8319' Wasatch 5029' - 5035' 4832' - 4842' 4615' - 4619' 4605' - 4609' 4581' - 4585'

**Operations Summary Report**

Well Name: RWS 6D-5-9-24  
 Location: 6- 9-S 24-E 26  
 Rig Name: TRUE

Spud Date: 4/23/2007  
 Rig Release: 5/3/2007  
 Rig Number: 26

Date	From - To	Hours	Code	Sub Code	Description of Operations
7/2/2007	06:00 - 16:00	10.00	STIM	3	On 7/2/07 - Discontinue daily report until drill out. IPS sending in flow vack report.  24 Hour Forecast: Will continue to flow back well.  Csg Size: 4-1/2" 13.5# & 15.1# P-110 Csg Depth: 13,003'  Perfs Dakota 12796' - 12806' 12786' - 12788' 12766' - 12770' Set CIBP @ 12740' Dakota 12644' - 12650' 12610' - 12618' 12576' - 12580' 12306' - 12308' 12280' - 12284' Frontier 12116' - 12118' 11961' - 11963' 11874' - 11876' 11866' - 11868' 11852' - 11854' 11709' - 11711' 11667' - 11669' Frontier 11527' - 11529' 11491' - 11493' 11463' - 11465' 11402' - 11404' 11353' - 11355' 11259' - 11261' 11252' - 11254' Mancos 11003' - 11005' 10953' - 10937' 10868' - 10870' 10770' - 10772' 10745' - 10747' 10603' - 10605' 10572' - 10574' Mancos 10347' - 10349' 10317' - 10319' 10868' - 10870' 10770' - 10772' 10745' - 10747' 10125' - 10127' 10113' - 10115'
7/3/2007	06:00 - 16:00	10.00	WOT	2	

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**Operations Summary Report**

Well Name: RWS 6D-5-9-24  
Location: 6- 9-S 24-E 26  
Rig Name: TRUE

Spud Date: 4/23/2007  
Rig Release: 5/3/2007  
Rig Number: 26

Date	From - To	Hours	Code	Sub Code	Description of Operations
7/3/2007	06:00 - 16:00	10.00	WOT	2	<p>Mancos 9646' - 9648' 9588' - 9590' 9542' - 9544' 9522' - 9524' 9480' - 9482' 9460' - 9462' Mancos 9207' - 9209' 9183' - 9185' 9173' - 9175' 9079' - 9081' 8935' - 8937' 8869' - 8871' Blackhawk 8676' - 8678' 8644' - 8646' 8582' - 8584' 8531' - 8533' 8506' - 8508' 8408' - 8410' 8317' - 8319' Wasatch 5029' - 5035' 4832' - 4842' 4615' - 4619' 4605' - 4609' 4581' - 4585'</p>
7/9/2007	06:00 - 16:00	10.00	DRL	5	<p>On 7/6/07 Continuation of Completion Daily Report. MIRU IPS Coil Tbg unit, Baker Tools &amp; Spirit Completion Fluids. Pressure test frac valves &amp; flow manifold to 8000#. Function test BOP's. Pull &amp; pressure test Baker Tools. RIH w/ bit, mud motor &amp; coil tbg to tag @ 4705'. Pumping 2.3 BPM w/ returns of 3.0 BPM. Drill up frac plugs at 4705'; 5130'; 8773'; 9293'; 9714'; 10420'; 11070'; 11590' &amp; 12140'. Clean out sand to 12,720'. Bottom perfs @ 12,650'. Circulate well w/ gel sweep. CIBP @ 12,740'. POOH w/ coil tbg, mud motor, &amp; bit. RDMO IPS, Spirit Completion fluids &amp; Baker Tools. Open csg up and turn well over to flow watch. Parchman Flow Watch sending in flow report.</p> <p>24 Hour Forecast: Will RDMO flow watch.</p> <p>Csg Size: 4-1/2" 13.5# &amp; 15.1# P-110 Csg Depth: 13,003'</p> <p>Perfs Dakota 12796' - 12806' 12786' - 12788' 12766' - 12770' Set CIBP @ 12740' Dakota 12644' - 12650' 12610' - 12618'</p>

**Operations Summary Report**

Well Name: RWS 6D-5-9-24  
 Location: 6- 9-S 24-E 26  
 Rig Name: TRUE

Spud Date: 4/23/2007  
 Rig Release: 5/3/2007  
 Rig Number: 26

Date	From - To	Hours	Code	Sub Code	Description of Operations
7/9/2007	06:00 - 16:00	10.00	DRL	5	12576' - 12580' 12306' - 12308' 12280' - 12284' Frontier 12116' - 12118' 11961' - 11963' 11874' - 11876' 11866' - 11868' 11852' - 11854' 11709' - 11711' 11667' - 11669' Frontier 11527' - 11529' 11491' - 11493' 11463' - 11465' 11402' - 11404' 11353' - 11355' 11259' - 11261' 11252' - 11254' Mancos 11003' - 11005' 10953' - 10937' 10868' - 10870' 10770' - 10772' 10745' - 10747' 10603' - 10605' 10572' - 10574' Mancos 10347' - 10349' 10317' - 10319' 10868' - 10870' 10770' - 10772' 10745' - 10747' 10125' - 10127' 10113' - 10115'  Mancos 9646' - 9648' 9588' - 9590' 9542' - 9544' 9522' - 9524' 9480' - 9482' 9460' - 9462' Mancos 9207' - 9209' 9183' - 9185' 9173' - 9175' 9079' - 9081' 8935' - 8937' 8869' - 8871' Blackhawk 8676' - 8678' 8644' - 8646'

**Operations Summary Report**

Well Name: RWS 6D-5-9-24  
 Location: 6-9-S 24-E 26  
 Rig Name: TRUE

Spud Date: 4/23/2007  
 Rig Release: 5/3/2007  
 Rig Number: 26

Date	From - To	Hours	Code	Sub Code	Description of Operations
7/9/2007	06:00 - 16:00	10.00	DRL	5	8582' - 8584' 8531' - 8533' 8506' - 8508' 8408' - 8410' 8317' - 8319' Wasatch 5029' - 5035' 4832' - 4842' 4615' - 4619' 4605' - 4609' 4581' - 4585'
7/10/2007	06:00 - 16:00	10.00	DRL	5	On 7/9/07, RDMO Parchman Flow Back. Discontinuation of report until further activity.  Csg Size: 4-1/2" 13.5# & 15.1# P-110 Csg Depth: 13,003'  Perfs Dakota 12796' - 12806' 12786' - 12788' 12766' - 12770' Set CIBP @ 12740' Dakota 12644' - 12650' 12610' - 12618' 12576' - 12580' 12306' - 12308' 12280' - 12284' Frontier 12116' - 12118' 11961' - 11963' 11874' - 11876' 11866' - 11868' 11852' - 11854' 11709' - 11711' 11667' - 11669' Frontier 11527' - 11529' 11491' - 11493' 11463' - 11465' 11402' - 11404' 11353' - 11355' 11259' - 11261' 11252' - 11254' Mancos 11003' - 11005' 10953' - 10937' 10868' - 10870' 10770' - 10772' 10745' - 10747' 10603' - 10605'

**Operations Summary Report**

Well Name: RWS 6D-5-9-24  
 Location: 6-9-S 24-E 26  
 Rig Name: TRUE

Spud Date: 4/23/2007  
 Rig Release: 5/3/2007  
 Rig Number: 26

Date	From - To	Hours	Code	Sub Code	Description of Operations
7/10/2007	06:00 - 16:00	10.00	DRL	5	10572' - 10574' Mancos 10347' - 10349' 10317' - 10319' 10868' - 10870' 10770' - 10772' 10745' - 10747' 10125' - 10127' 10113' - 10115'  Mancos 9646' - 9648' 9588' - 9590' 9542' - 9544' 9522' - 9524' 9480' - 9482' 9460' - 9462' Mancos 9207' - 9209' 9183' - 9185' 9173' - 9175' 9079' - 9081' 8935' - 8937' 8869' - 8871' Blackhawk 8676' - 8678' 8644' - 8646' 8582' - 8584' 8531' - 8533' 8506' - 8508' 8408' - 8410' 8317' - 8319' Wasatch 5029' - 5035' 4832' - 4842' 4615' - 4619' 4605' - 4609' 4581' - 4585'

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

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

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

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

8. Well Name and No.  
**RWS 6D 5 9 24**

9. API Well No.  
**43-047-37350**

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

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

**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. **Contact: dahn.caldwell@questar.com**  
**11002 East 17500 South - Vernal, UT 84078** **435.781.4342 Fax 435.781.4357**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
**SENW, SEC 5-T9S-R24E, 1718' FNL, 1824' FWL**

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>SET TBG &amp; SI</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)

**Continued completion on 12/3/07 to run tbg & clean out well.**

- MIRU Basin Well Service
- Clean out well.
- Land tbg @ 8723'.
- Left well SI for production department on 12/10/07. MO Basin Well Service.

**RECEIVED**  
**JUL 10 2008**  
DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct.  
Signed Jim Simonton *Jim Simonton* Title Completion Supervisor Date 7/7/08

(This space for Federal or State office use)

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

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

**CONFIDENTIAL**

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

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

5. Lease Serial No. **UTU-73456**  
6. If Indian, Allottee or Tribe Name  
**N/A**

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

1. Type of Well  
 Oil Well  Gas Well  Other

2. Name of Operator  
**QUESTAR EXPLORATION & PRODUCTION CO.** CONTACT: Mike Stahl

3a. Address  
**11002 EAST 17500 SOUTH, VERNAL, UTAH 84078**

3b. Phone No. (include area code)  
**(303) 308-3613**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
**1718' FNL 1824' FWL, SENW, SECTION 5, T9S, R24E**

7. If Unit of CA/Agreement, Name and/or No.  
**BIG VALLEY UNIT**

8. Well Name and No.  
**RWS 6D-5-9-24**

9. API Well No.  
**43-047-37350**

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

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

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other <u>COMMINGLING</u>
	<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.)

In Compliance with the Administrative Utah code for drilling and operating practice R649-3-22, completion into two or more pools. Questar Exploration & Production Company hereby requests the commingling of production between intervals in the RWS 6D-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 gas streams.

Questar requests approval for the commingling of production of the Dakota to the Wasatch intervals. Based upon offset production logs, the proposed initial allocation is as follows: Dakota - 12%; Mancos - 48%; Wasatch - 40%.

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.

**COPY SENT TO OPERATOR**

Date: 5.18.2009  
Initials: KS

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)  
**Laura Bills** Title **Associate Regulatory Affairs Analyst**

Signature *Laura Bills* Date **04/13/2009**

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

Approved by *[Signature]* Title **Pet Eng.** Date **5/13/09**

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 16 2009**

AFFIDAVIT OF NOTICE

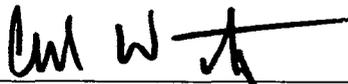
STATE OF COLORADO )  
 ) ss:  
COUNTY OF DENVER )

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 6D-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 10<sup>th</sup> day of April 2009.

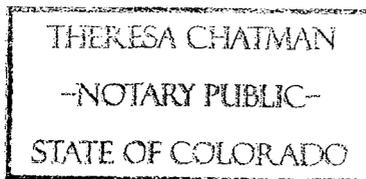


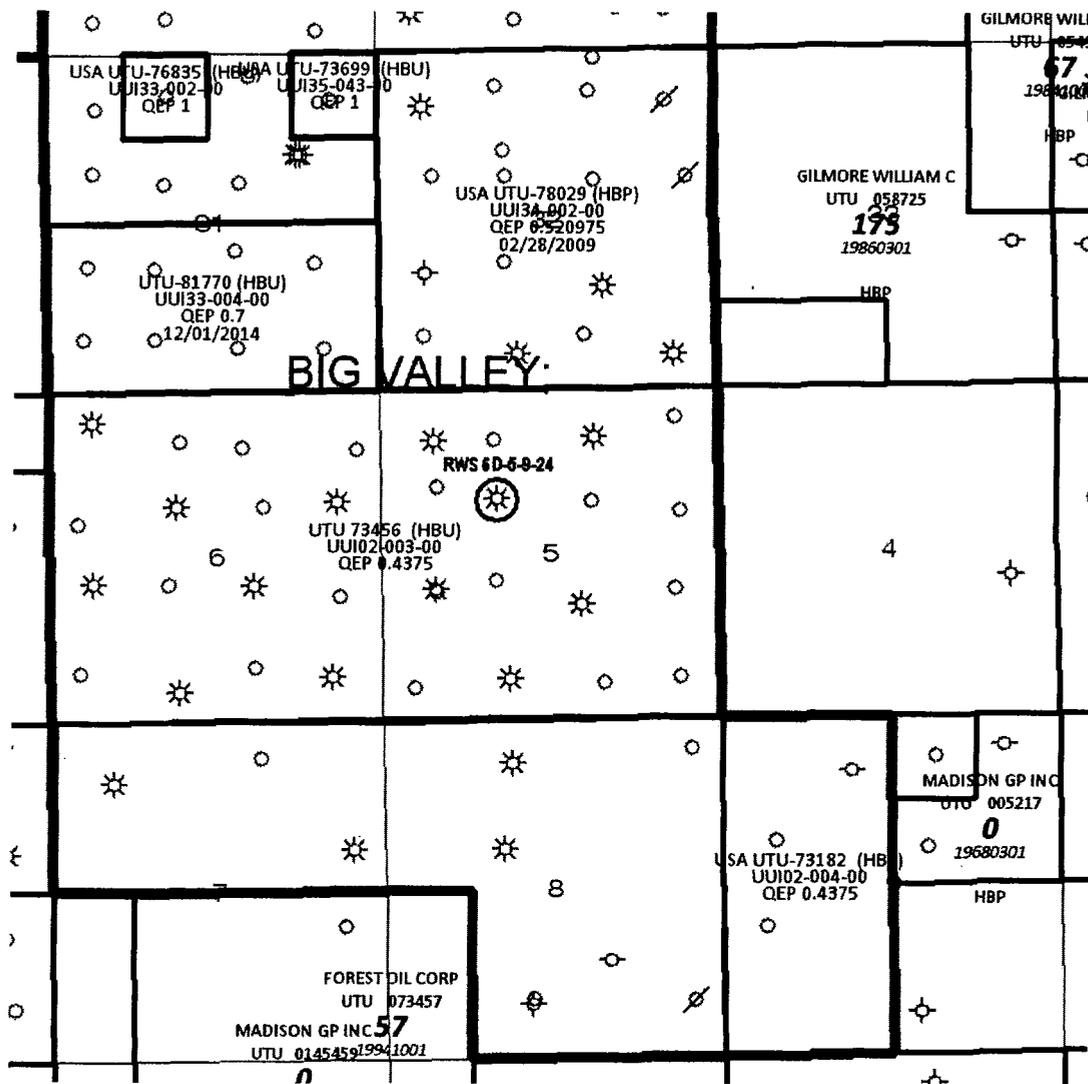
Printed Name: Chad W. Matney

The foregoing instrument was sworn to and subscribed before me this 10<sup>th</sup> day of April 2009, by Chad W. Matney.

  
Notary Public

MY COMMISSION EXPIRES: 7/7/11





T9S-R24E

○ Commingled well

<p><b>Tw/Kmv</b>  <b>COMMINGLED PRODUCTION</b>          Uinta Basin—Uintah County, Utah</p>							
<p><b>Well: RWS 6D 5-9-24</b>  <b>Lease: UTU 73456</b></p>							
<p><b>QUESTAR</b>  <i>Exploration and          Production</i></p> <p><small>1060 17th St., # 600 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: April 7, 2009</td> <td style="padding: 2px;"></td> </tr> </table>	Geologist:		Landman: Chad Matney		Date: April 7, 2009	
Geologist:							
Landman: Chad Matney							
Date: April 7, 2009							



# 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  
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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JUN 07 2010

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
--	--

**CA No.**

**Unit:**

**BIG VALLEY**

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

**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

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

**DATA ENTRY:**

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

**BOND VERIFICATION:**

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

**LEASE INTEREST OWNER NOTIFICATION:**

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

**COMMENTS:**

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

FORM 9

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

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

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

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

Federal Bond Number: 965002976 (BLM Reference No. ESB000024) *N3700*  
 Utah State Bond Number: ~~965003033~~  
 Fee Land Bond Number: ~~965003033~~ } *965010695*  
 BIA Bond Number: ~~799446~~ *965010693*

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

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

(This space for State use only)

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

DIV. OF OIL, GAS & MINING

**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