

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

001

APPLICATION FOR PERMIT TO DRILL OR REENTER

5. Lease Serial No.  
UTU-43917

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

7. If Unit or CA Agreement, Name and No.  
WHITE RIVER UNIT

8. Lease Name and Well No.  
WRU EIH 16MU-23-8-22

9. API Well No.  
43-047-35804

10. Field and Pool, or Exploratory  
NATURAL BUTTES

11. Sec., T., R., M., or Blk. and Survey or Area  
Sec 24 T8S R22E Mer SLB

12. County or Parish  
UINTAH

13. State  
UT

17. Spacing Unit dedicated to this well  
40.00

20. BLM/BIA Bond No. on file  
ESB000024

23. Estimated duration  
10 DAYS

1a. Type of Work:  DRILL  REENTER

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

2. Name of Operator  
QEP UINTA BASIN, INC. Contact: JOHN BUSCH  
E-Mail: john.busch@questar.com

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

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

4. Location of Well (Report location clearly and in accordance with any State requirements.)\*  
At surface NWSW 2566FSL 617FWL 636 816 X  
At proposed prod. zone SESE 660FSL 660FEL 4440785 Y  
Sec. 23 109,39473 40.10814 40.10298 109,39941

14. Distance in miles and direction from nearest town or post office\*  
32 +/- MILES SOUTH WEST FROM VERNAL, UT

15. Distance from proposed location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any)  
617' +/-

16. No. of Acres in Lease  
320.00

18. Distance from proposed location to nearest well, drilling, completed, applied for, on this lease, ft.  
1500' +/-

19. Proposed Depth  
9243 MD  
8700 TVD

21. Elevations (Show whether DF, KB, RT, GL, etc.)  
4865 GL

22. Approximate date work will start

24. Attachments

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

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

25. Signature *John Busch* Name (Printed/Typed) JOHN BUSCH Date 06/10/2004

Title OPERATIONS

Approved by (Signature) *Bradley G. Hill* Name (Printed/Typed) BRADLEY G. HILL Date 09-20-04

Title Office ENVIRONMENTAL SCIENTIST III

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

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

Electronic Submission #31477 verified by the BLM Well Information System  
For QEP UINTA BASIN, INC., will be sent to the Vernal

Federal Approval of this  
Action is Necessary

RECEIVED  
JUN 17 2004  
DIV. OF OIL, GAS & MINING

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

## QUESTAR EXPLORATION & PRODUCTION

Well location, WRU EIH #16W-23-8-22, located as shown in the NW 1/4 SW 1/4 of Section 24, T8S, R22E, S.L.B.&M. Uintah County, Utah.

S89°20'W  
2671.68' (G.L.O.)

N89°58'W 5290.56' (G.L.O.)

R  
22  
E

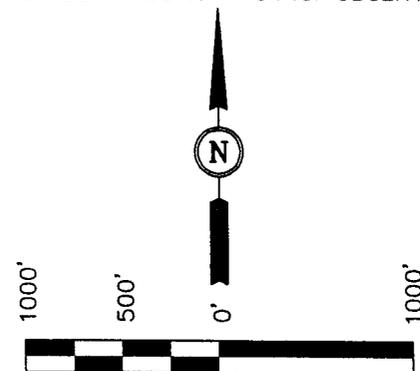
R  
23  
E

### BASIS OF ELEVATION

BENCH MARK 20EAM LOCATED IN THE SE 1/4 OF SECTION 35, T8S, R21E, S.L.B.&M. TAKEN FROM THE OURAY SE, QUADRANGLE, UTAH, UINTAH COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 4697 FEET.

### BASIS OF BEARINGS

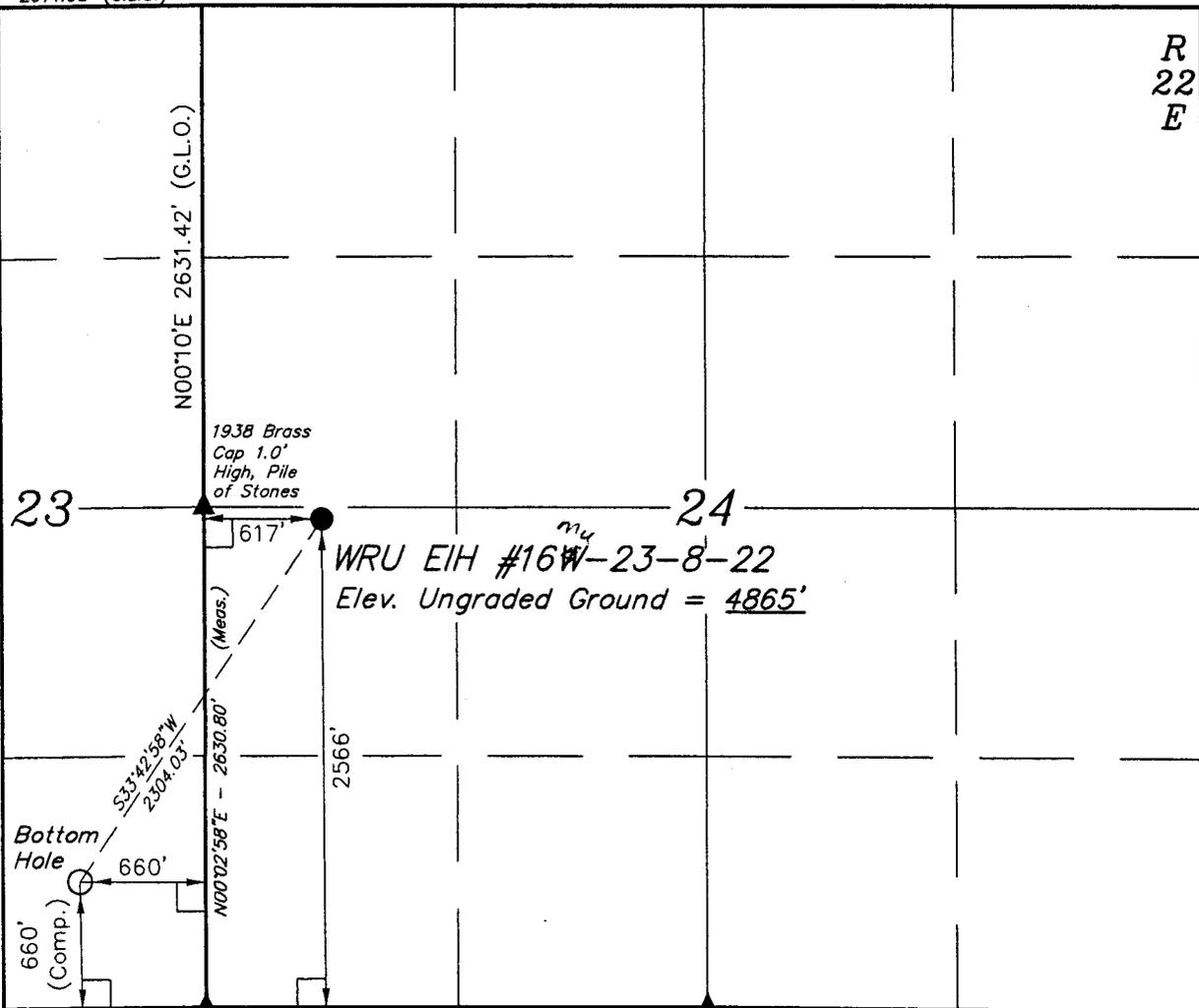
BASIS OF BEARINGS IS A G.P.S. OBSERVATION.



SCALE  
CERTIFICATE

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

**ROBERT L. COX**  
REGISTERED LAND SURVEYOR  
REGISTRATION NO: 161319  
STATE OF UTAH



S89°18'W 2659.14' (G.L.O.)  
S89°48'19"W - 2649.83' (Meas.)  
S89°42'E 2651.88' (G.L.O.)  
1967 Brass Cap, 1.0' High, Pile of Stones  
1938 Brass Cap, 2.0' High

### LEGEND:

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

(NAD 83)  
LATITUDE = 40°06'28.93" (40.108036)  
LONGITUDE = 109°23'44.25" (109.395625)

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

SCALE 1" = 1000'	DATE SURVEYED: 03-24-04	DATE DRAWN: 03-31-04
PARTY D.A. T.A.. D.COX	REFERENCES G.L.O. PLAT	
WEATHER WARM	FILE QUESTAR EXPLORATION & PRODUCTION	

## Attachment #1

### Exception Locations for Directional Drilling

Directional Wells with surface location in NWSW of Sec 24-8S-22E:

11MU-24-8-22, NESW of Sec 24-8S-22E (BHL)

12MU-24-8-22, NWSW of Sec 24-8S-22E (BHL)

16MU-23-8-22, SESE of Sec 23-8S-22E (BHL)

Directional Wells with surface location in SESW of Sec 24-8S-22E:

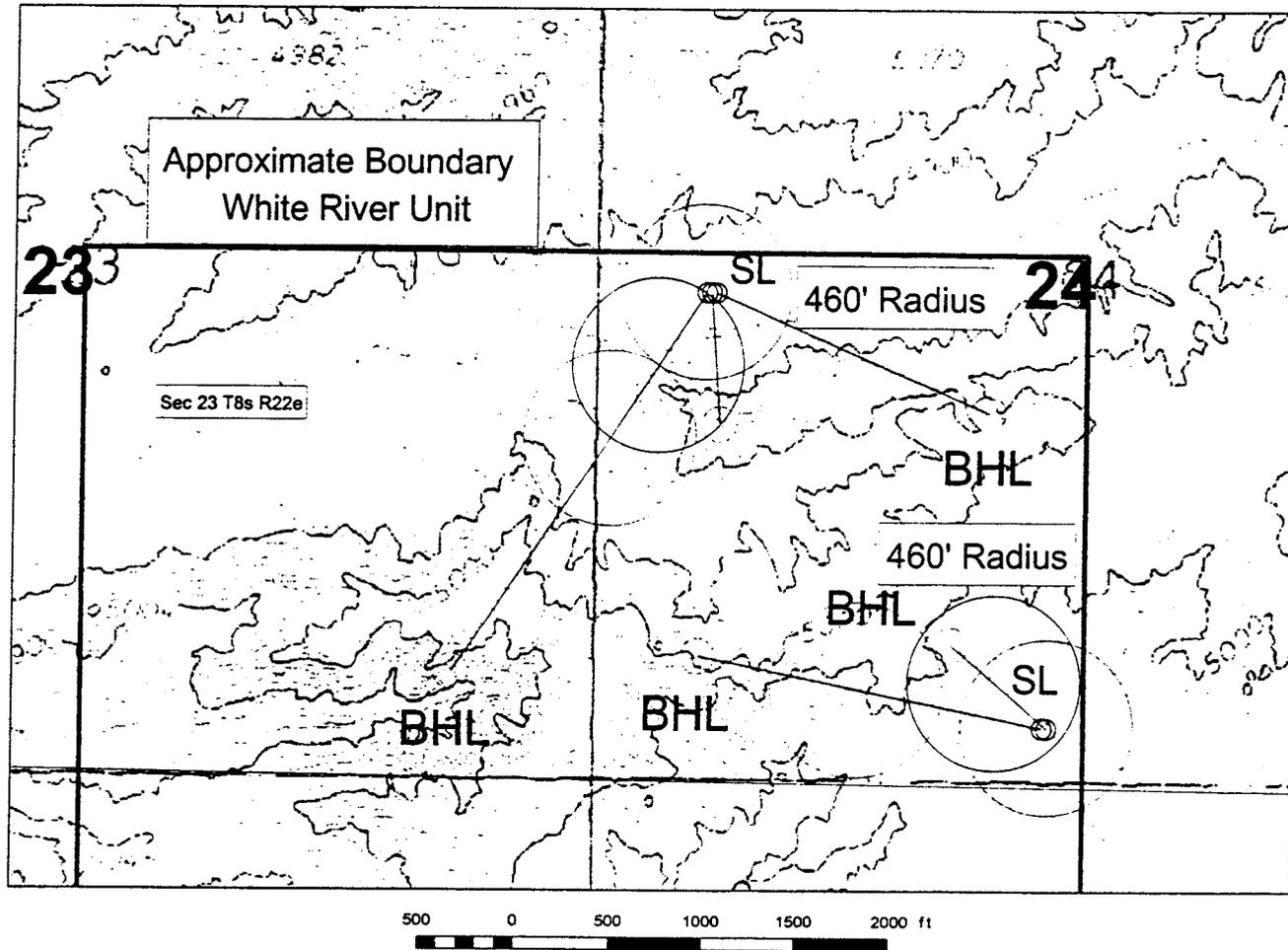
13MU-24-8-22, SWSW of Sec 24-8S-22E (BHL)

14MU-24-8-22, SESW of Sec 24-8S-22E (BHL)

#### DIRECTIONAL WELLS:

<u>Well Name</u>	<u>Proposed Total Depth</u>		<u>Objective Formation</u>
	<u>TD (TVD)</u>	<u>TD (MD)</u>	
11mu-24-8-22	8700'	8972.2'	Wasatch/Upper Mesaverde
12mu-24-8-22	8700'	8740.1'	Wasatch/Upper Mesaverde
16mu-23-8-22	8700'	9243.9'	Wasatch/Upper Mesaverde
13mu-24-8-22	8700'	9050.2'	Wasatch/Upper Mesaverde
14mu-24-8-22	8700'	8733.5'	Wasatch/Upper Mesaverde

# Attachment #2



July 15, 2004

U-0385

DESCRIPTION:

T. 8 S., R. 22 E. Uintah County, SLM, Utah  
Sec. 13: S $\frac{1}{2}$ ;  
Sec. 23: NE $\frac{1}{4}$ ;  
Sec. 24: N $\frac{1}{2}$ ,SE $\frac{1}{4}$ ;

T. 8 S., R. 23 E. Uintah County, SLM, Utah  
Sec. 18: Lots 3,4,E $\frac{1}{2}$ SW $\frac{1}{4}$ ,SE $\frac{1}{4}$ ;

TOTAL ACRES: 1,273.53

LEASE DATE/EXPIRATION DATE: 7-1-1951/HBP (Kennedy Wash Unit)

LESSEE OF RECORD

Westport Oil & Gas Company, L.P.                      50%  
1670 Broadway, #2800  
Denver, CO 80202

EOG Resources, Inc.    50%  
P.O. Box 4362  
Houston, TX 77210

OPERATING RIGHTS:

T. 8 S., R. 22 E. Uintah County, SLM, Utah  
Sec. 13: S $\frac{1}{2}$ ;  
Sec. 24: N $\frac{1}{2}$ ,SE $\frac{1}{4}$ ;  
T. 8 S., R. 23 E. Uintah County, SLM, Utah  
Sec. 18: Lots 3,4,E $\frac{1}{2}$ SW $\frac{1}{4}$ ,SE $\frac{1}{4}$ ; All Depths:

Westport Oil & Gas Company, L.P.                      100%

T. 8 S., R. 22 E. Uintah County, SLM  
Sec. 23: NE $\frac{1}{4}$ ; All Depths:

Westport Oil & Gas Company, L.P.                      50%  
EOG Resources, Inc.    50%

QEP UINTA BASIN, INC.  
WRU EIH 16MU-23-8-22  
2566' FSL 617' FWL BOTTOM HOLE 660' FSL 660' FEL  
NWSW, SECTION 24, T8S, R22E,  
UINTAH COUNTY, UTAH  
LEASE# UTU-43917

ONSHORE ORDER NO. 1

MULTI – POINT SURFACE USE & OPERATIONS PLAN

An onsite inspection was conducted for the WRU EIH 16MU-23-8-22 on June 8, 2004. Weather conditions were sunny and clear at the time of the onsite. In attendance at the inspection were the following individuals:

Paul Buhler      Bureau of Land Management  
Dixie Saddler    Bureau of Land Management  
Jan Nelson       QEP Uinta Basin, Inc.

1. **Existing Roads:**

The proposed well site is approximately 32 miles South West of Redwash, Utah.

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

There will be no improvements made to existing access roads.

2. **Planned Access Roads:**

Please see 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.

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.

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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.

Location size for WRU EIH 12MU-24-8-22 has changed from 350' x 198' to 390' x 198'. Reserve pit changed from 150' x 70' to 223' x 70' to accommodate three wells on same pad.

A pit liner is required felt if rock 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.

Reclamation will be according to the stipulations on the WRU EIH 12MU-24-8-22.

Seed Mix # 5  
Gardner Saltbush           4lbs/acre  
Shadscale                   4lbs/acre  
Hycrest Crested Wheat   4lbs/acre

11. **Surface Ownership:**

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

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

12. **Other Information**

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

There is a Burrowing Owl Stipulation from April 1st through August 15th. No construction or drilling will commence during this period unless otherwise determined by a wildlife biologist that the site is inactive.

Critical soil no drilling or construction during wet periods.

Construct Erosion Control Structure north of location use culvert for spill way

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

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

**Certification:**

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

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. its' contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

  
\_\_\_\_\_  
John Busch  
Red Wash Operations Representative

08-Jun-04  
\_\_\_\_\_  
Date

QEP

### **Additional Operator Remarks**

QEP, Uinta Basin Inc. proposes to directional drill this well to 9243' 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

See attached drilling program.

See multi point surface use program.

Please be advised that QEP, Uinta Basin Inc. agrees to be responsible under the terms and conditions of the lease for the operations conducted upon the lease lands.

Bond coverage for this well is provided by Bond No.ESB000024. The principal is QEP, Uinta Basin Inc. via surety as consent as provided for the 43 CFR 3104.2.

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Qep Uinta Basin, Inc.  
WRU EIH 16MU-23-8-22

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

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

1. Formation Tops

The estimated tops of important geologic markers are as follows:

<i>Formation</i>	<i>TVD</i>	<i>MD Depth</i>
Uinta	Surface	Surface
Wasatch	5415	5952
Mesa Verde	7900	7933
TD	8700	9243

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:

<i>Substance</i>	<i>Formation</i>	<i>TVD</i>	<i>MD</i>
Oil/Gas	Mese Verde	8700	9243

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 4008.0 psi.

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**Company:** Questar E & P **Date:** 3/14/2004 **Time:** 07:50:32 **Page:** 1  
**Field:** Uintah Basin **Co-ordinate(NE) Reference:** Site: WRU EIH PAD NW4 SW/4, True North  
**Site:** WRU EIH PAD NW4 SW/4 **Vertical (TVD) Reference:** SITE 0.0  
**Well:** WRU EIH #16MU-23-8-22 **Section (VS) Reference:** Well (0.00N,-25.00E,213.28Azi)  
**Wellpath:** 16MU-23-8-22 **Plan:** 16MU-23-8-22

**Field:** Uintah Basin  
Utah

**Map System:** US State Plane Coordinate System 1983  
**Geo Datum:** GRS 1980  
**Sys Datum:** Mean Sea Level

**Map Zone:** Utah, Northern Zone  
**Coordinate System:** Site Centre  
**Geomagnetic Model:** igrf2000

**Site:** WRU EIH PAD NW4 SW/4  
 Uintah County, Utah  
 617 FW & 2566 FS of Sec 24 T8S R22E

**Site Position:** Northing: 3205882.57 ft **Latitude:** 40 6 28.930 N  
**From:** Geographic **Easting:** 2229091.98 ft **Longitude:** 109 23 44.250 W  
**Position Uncertainty:** 0.0 ft **North Reference:** True  
**Ground Level:** 0.0 ft **Grid Convergence:** 1.39 deg

**Well:** WRU EIH #16MU-23-8-22

**Slot Name:**

**Well Position:** +N/-S 0.0 ft **Northing:** 3205881.96 ft **Latitude:** 40 6 28.930 N  
 +E/-W -25.0 ft **Easting:** 2229066.99 ft **Longitude:** 109 23 44.572 W  
**Position Uncertainty:** 0.0 ft

**Wellpath:** 16MU-23-8-22

**Drilled From:** Surface  
**Tie-on Depth:** 0.0 ft  
**Above System Datum:** Mean Sea Level  
**Declination:** 12.23 deg  
**Mag Dip Angle:** 66.22 deg  
**+E/-W** **Direction**  
 ft deg  
 -25.0 213.28

**Current Datum:** SITE **Height** 0.0 ft  
**Magnetic Data:** 3/13/2004  
**Field Strength:** 53289 nT  
**Vertical Section:** Depth From (TVD) +N/-S  
 ft ft  
 0.0 0.0

**Plan:** 16MU-23-8-22

**Date Composed:** 3/13/2004  
**Version:** 1  
**Tied-to:** From Surface

**Principal:** Yes

**Plan Section Information**

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg	Target
0.0	0.00	212.77	0.0	0.0	-50.0	0.00	0.00	0.00	0.00	
900.0	0.00	212.77	900.0	0.0	-50.0	0.00	0.00	0.00	0.00	
1459.5	27.97	212.77	1437.5	-112.6	-122.5	5.00	5.00	0.00	212.77	
5722.5	27.97	212.77	5202.5	-1794.0	-1204.9	0.00	0.00	0.00	0.00	
6242.0	2.00	212.77	5700.0	-1906.0	-1277.0	5.00	-5.00	0.00	180.00	660 FS & 660 FE Sec 23 8S
9243.9	2.00	212.77	8700.0	-1994.1	-1333.7	0.00	0.00	0.00	0.00	

**Section 1 : Start Hold**

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg
0.0	0.00	212.77	0.0	0.0	-50.0	13.7	0.00	0.00	0.00	0.00
100.0	0.00	212.77	100.0	0.0	-50.0	13.7	0.00	0.00	0.00	212.77
200.0	0.00	212.77	200.0	0.0	-50.0	13.7	0.00	0.00	0.00	212.77
300.0	0.00	212.77	300.0	0.0	-50.0	13.7	0.00	0.00	0.00	212.77
400.0	0.00	212.77	400.0	0.0	-50.0	13.7	0.00	0.00	0.00	212.77
500.0	0.00	212.77	500.0	0.0	-50.0	13.7	0.00	0.00	0.00	212.77
600.0	0.00	212.77	600.0	0.0	-50.0	13.7	0.00	0.00	0.00	212.77
700.0	0.00	212.77	700.0	0.0	-50.0	13.7	0.00	0.00	0.00	212.77
800.0	0.00	212.77	800.0	0.0	-50.0	13.7	0.00	0.00	0.00	212.77
900.0	0.00	212.77	900.0	0.0	-50.0	13.7	0.00	0.00	0.00	212.77

**Section 2 : Start Build 5.00**

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg
1000.0	5.00	212.77	999.9	-3.7	-52.4	18.1	5.00	5.00	0.00	0.00
1100.0	10.00	212.77	1099.0	-14.6	-59.4	31.1	5.00	5.00	0.00	0.00
1200.0	15.00	212.77	1196.6	-32.8	-71.1	52.8	5.00	5.00	0.00	0.00

03-14-04

## Planning Report

<b>Company:</b> Questar E & P	<b>Date:</b> 3/14/2004	<b>Time:</b> 07:50:32	<b>Page:</b> 2
<b>Field:</b> Uintah Basin	<b>Co-ordinate(NE) Reference:</b> Site: WRU EIH PAD NW4 SW/4, True North		
<b>Site:</b> WRU EIH PAD NW4 SW/4	<b>Vertical (TVD) Reference:</b> SITE 0.0		
<b>Well:</b> WRU EIH #16MU-23-8-22	<b>Section (VS) Reference:</b> Well (0.00N,-25.00E,213.28Azi)		
<b>Wellpath:</b> 16MU-23-8-22	<b>Plan:</b> 16MU-23-8-22		

### Section 2 : Start Build 5.00

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg
1300.0	20.00	212.77	1291.9	-58.1	-87.4	82.8	5.00	5.00	0.00	0.00
1400.0	25.00	212.77	1384.3	-90.3	-108.1	121.1	5.00	5.00	0.00	0.00
1459.5	27.97	212.77	1437.5	-112.6	-122.5	147.6	5.00	5.00	0.00	0.00

### Section 3 : Start Hold

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg
1500.0	27.97	212.77	1473.3	-128.6	-132.8	166.6	0.00	0.00	0.00	0.00
1600.0	27.97	212.77	1561.6	-168.0	-158.2	213.5	0.00	0.00	0.00	0.00
1700.0	27.97	212.77	1649.9	-207.4	-183.5	260.4	0.00	0.00	0.00	0.00
1800.0	27.97	212.77	1738.2	-246.9	-208.9	307.3	0.00	0.00	0.00	0.00
1900.0	27.97	212.77	1826.6	-286.3	-234.3	354.2	0.00	0.00	0.00	0.00
2000.0	27.97	212.77	1914.9	-325.8	-259.7	401.1	0.00	0.00	0.00	0.00
2100.0	27.97	212.77	2003.2	-365.2	-285.1	448.0	0.00	0.00	0.00	0.00
2200.0	27.97	212.77	2091.5	-404.7	-310.5	494.9	0.00	0.00	0.00	0.00
2300.0	27.97	212.77	2179.8	-444.1	-335.9	541.9	0.00	0.00	0.00	0.00
2400.0	27.97	212.77	2268.1	-483.5	-361.3	588.8	0.00	0.00	0.00	0.00
2500.0	27.97	212.77	2356.5	-523.0	-386.7	635.7	0.00	0.00	0.00	0.00
2600.0	27.97	212.77	2444.8	-562.4	-412.1	682.6	0.00	0.00	0.00	0.00
2700.0	27.97	212.77	2533.1	-601.9	-437.5	729.5	0.00	0.00	0.00	0.00
2800.0	27.97	212.77	2621.4	-641.3	-462.8	776.4	0.00	0.00	0.00	0.00
2900.0	27.97	212.77	2709.7	-680.7	-488.2	823.3	0.00	0.00	0.00	0.00
3000.0	27.97	212.77	2798.0	-720.2	-513.6	870.2	0.00	0.00	0.00	0.00
3100.0	27.97	212.77	2886.4	-759.6	-539.0	917.1	0.00	0.00	0.00	0.00
3200.0	27.97	212.77	2974.7	-799.1	-564.4	964.0	0.00	0.00	0.00	0.00
3300.0	27.97	212.77	3063.0	-838.5	-589.8	1010.9	0.00	0.00	0.00	0.00
3400.0	27.97	212.77	3151.3	-878.0	-615.2	1057.8	0.00	0.00	0.00	0.00
3500.0	27.97	212.77	3239.6	-917.4	-640.6	1104.7	0.00	0.00	0.00	0.00
3600.0	27.97	212.77	3327.9	-956.8	-666.0	1151.6	0.00	0.00	0.00	0.00
3700.0	27.97	212.77	3416.2	-996.3	-691.4	1198.5	0.00	0.00	0.00	0.00
3800.0	27.97	212.77	3504.6	-1035.7	-716.8	1245.4	0.00	0.00	0.00	0.00
3900.0	27.97	212.77	3592.9	-1075.2	-742.1	1292.4	0.00	0.00	0.00	0.00
4000.0	27.97	212.77	3681.2	-1114.6	-767.5	1339.3	0.00	0.00	0.00	0.00
4100.0	27.97	212.77	3769.5	-1154.0	-792.9	1386.2	0.00	0.00	0.00	0.00
4200.0	27.97	212.77	3857.8	-1193.5	-818.3	1433.1	0.00	0.00	0.00	0.00
4300.0	27.97	212.77	3946.1	-1232.9	-843.7	1480.0	0.00	0.00	0.00	0.00
4400.0	27.97	212.77	4034.5	-1272.4	-869.1	1526.9	0.00	0.00	0.00	0.00
4500.0	27.97	212.77	4122.8	-1311.8	-894.5	1573.8	0.00	0.00	0.00	0.00
4600.0	27.97	212.77	4211.1	-1351.3	-919.9	1620.7	0.00	0.00	0.00	0.00
4700.0	27.97	212.77	4299.4	-1390.7	-945.3	1667.6	0.00	0.00	0.00	0.00
4800.0	27.97	212.77	4387.7	-1430.1	-970.7	1714.5	0.00	0.00	0.00	0.00
4900.0	27.97	212.77	4476.0	-1469.6	-996.1	1761.4	0.00	0.00	0.00	0.00
5000.0	27.97	212.77	4564.3	-1509.0	-1021.4	1808.3	0.00	0.00	0.00	0.00
5100.0	27.97	212.77	4652.7	-1548.5	-1046.8	1855.2	0.00	0.00	0.00	0.00
5200.0	27.97	212.77	4741.0	-1587.9	-1072.2	1902.1	0.00	0.00	0.00	0.00
5300.0	27.97	212.77	4829.3	-1627.3	-1097.6	1949.0	0.00	0.00	0.00	0.00
5400.0	27.97	212.77	4917.6	-1666.8	-1123.0	1995.9	0.00	0.00	0.00	0.00
5500.0	27.97	212.77	5005.9	-1706.2	-1148.4	2042.8	0.00	0.00	0.00	0.00
5600.0	27.97	212.77	5094.2	-1745.7	-1173.8	2089.8	0.00	0.00	0.00	0.00
5700.0	27.97	212.77	5182.6	-1785.1	-1199.2	2136.7	0.00	0.00	0.00	0.00
5722.5	27.97	212.77	5202.5	-1794.0	-1204.9	2147.2	0.00	0.00	0.00	0.00

### Section 4 : Start Drop -5.00

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg
5800.0	24.10	212.77	5272.0	-1822.6	-1223.3	2181.2	5.00	-5.00	0.00	180.00
5900.0	19.10	212.77	5365.0	-1853.5	-1243.2	2218.0	5.00	-5.00	0.00	180.00
6000.0	14.10	212.77	5460.8	-1877.5	-1258.7	2246.6	5.00	-5.00	0.00	180.00
6100.0	9.10	212.77	5558.7	-1894.5	-1269.6	2266.7	5.00	-5.00	0.00	180.00
6200.0	4.10	212.77	5658.0	-1904.1	-1275.8	2278.2	5.00	-5.00	0.00	180.00
6242.0	2.00	212.77	5700.0	-1906.0	-1277.0	2280.4	5.00	-5.00	0.00	-180.00

<b>Company:</b> Questar E & P	<b>Date:</b> 3/14/2004	<b>Time:</b> 07:50:32	<b>Page:</b> 3
<b>Field:</b> Uintah Basin	<b>Co-ordinate(NE) Reference:</b> Site: WRU EIH PAD NW4 SW/4, True North		
<b>Site:</b> WRU EIH PAD NW4 SW/4	<b>Vertical (TVD) Reference:</b> SITE 0.0		
<b>Well:</b> WRU EIH #16MU-23-8-22	<b>Section (VS) Reference:</b> Well (0.00N,-25.00E,213.28Azi)		
<b>Wellpath:</b> 16MU-23-8-22	<b>Plan:</b> 16MU-23-8-22		

**Section 5 : Start Hold**

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg
6300.0	2.00	212.77	5757.9	-1907.7	-1278.1	2282.4	0.00	0.00	0.00	0.00
6400.0	2.00	212.77	5857.9	-1910.6	-1280.0	2285.9	0.00	0.00	0.00	0.00
6500.0	2.00	212.77	5957.8	-1913.6	-1281.9	2289.4	0.00	0.00	0.00	0.00
6600.0	2.00	212.77	6057.7	-1916.5	-1283.8	2292.9	0.00	0.00	0.00	0.00
6700.0	2.00	212.77	6157.7	-1919.4	-1285.7	2296.4	0.00	0.00	0.00	0.00
6800.0	2.00	212.77	6257.6	-1922.4	-1287.5	2299.9	0.00	0.00	0.00	0.00
6900.0	2.00	212.77	6357.6	-1925.3	-1289.4	2303.4	0.00	0.00	0.00	0.00
7000.0	2.00	212.77	6457.5	-1928.2	-1291.3	2306.9	0.00	0.00	0.00	0.00
7100.0	2.00	212.77	6557.4	-1931.2	-1293.2	2310.4	0.00	0.00	0.00	0.00
7200.0	2.00	212.77	6657.4	-1934.1	-1295.1	2313.9	0.00	0.00	0.00	0.00
7300.0	2.00	212.77	6757.3	-1937.0	-1297.0	2317.3	0.00	0.00	0.00	0.00
7400.0	2.00	212.77	6857.3	-1940.0	-1298.9	2320.8	0.00	0.00	0.00	0.00
7500.0	2.00	212.77	6957.2	-1942.9	-1300.8	2324.3	0.00	0.00	0.00	0.00
7600.0	2.00	212.77	7057.1	-1945.8	-1302.7	2327.8	0.00	0.00	0.00	0.00
7700.0	2.00	212.77	7157.1	-1948.8	-1304.5	2331.3	0.00	0.00	0.00	0.00
7800.0	2.00	212.77	7257.0	-1951.7	-1306.4	2334.8	0.00	0.00	0.00	0.00
7900.0	2.00	212.77	7357.0	-1954.7	-1308.3	2338.3	0.00	0.00	0.00	0.00
8000.0	2.00	212.77	7456.9	-1957.6	-1310.2	2341.8	0.00	0.00	0.00	0.00
8100.0	2.00	212.77	7556.8	-1960.5	-1312.1	2345.3	0.00	0.00	0.00	0.00
8200.0	2.00	212.77	7656.8	-1963.5	-1314.0	2348.8	0.00	0.00	0.00	0.00
8300.0	2.00	212.77	7756.7	-1966.4	-1315.9	2352.2	0.00	0.00	0.00	0.00
8400.0	2.00	212.77	7856.7	-1969.3	-1317.8	2355.7	0.00	0.00	0.00	0.00
8500.0	2.00	212.77	7956.6	-1972.3	-1319.7	2359.2	0.00	0.00	0.00	0.00
8600.0	2.00	212.77	8056.5	-1975.2	-1321.5	2362.7	0.00	0.00	0.00	0.00
8700.0	2.00	212.77	8156.5	-1978.1	-1323.4	2366.2	0.00	0.00	0.00	0.00
8800.0	2.00	212.77	8256.4	-1981.1	-1325.3	2369.7	0.00	0.00	0.00	0.00
8900.0	2.00	212.77	8356.3	-1984.0	-1327.2	2373.2	0.00	0.00	0.00	0.00
9000.0	2.00	212.77	8456.3	-1986.9	-1329.1	2376.7	0.00	0.00	0.00	0.00
9100.0	2.00	212.77	8556.2	-1989.9	-1331.0	2380.2	0.00	0.00	0.00	0.00
9200.0	2.00	212.77	8656.2	-1992.8	-1332.9	2383.7	0.00	0.00	0.00	0.00
9243.9	2.00	212.77	8700.0	-1994.1	-1333.7	2385.2	0.00	0.00	0.00	0.00

**Casing Points**

MD ft	TVD ft	Diameter in	Hole Size in	Name
900.0	900.0	9.625	12.250	9 5/8"

WRU EIH PAD NW4 SW/4  
 Uintah County, Utah  
 Sec 24 T8S R22E

Site Centre Latitude: 40°06'28.930N  
 Longitude: 109°23'44.250W



Azimuths to True North  
 Magnetic North: 12.23°  
 Magnetic Field  
 Strength: 53289uT  
 Dip Angle: 66.22°  
 Date: 3/13/2004  
 Model: igr2000

WELL DETAILS

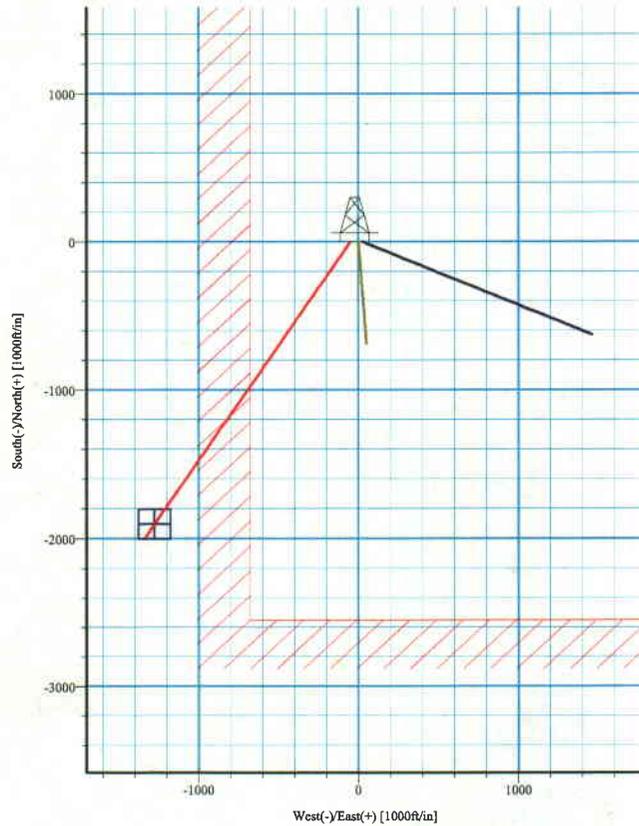
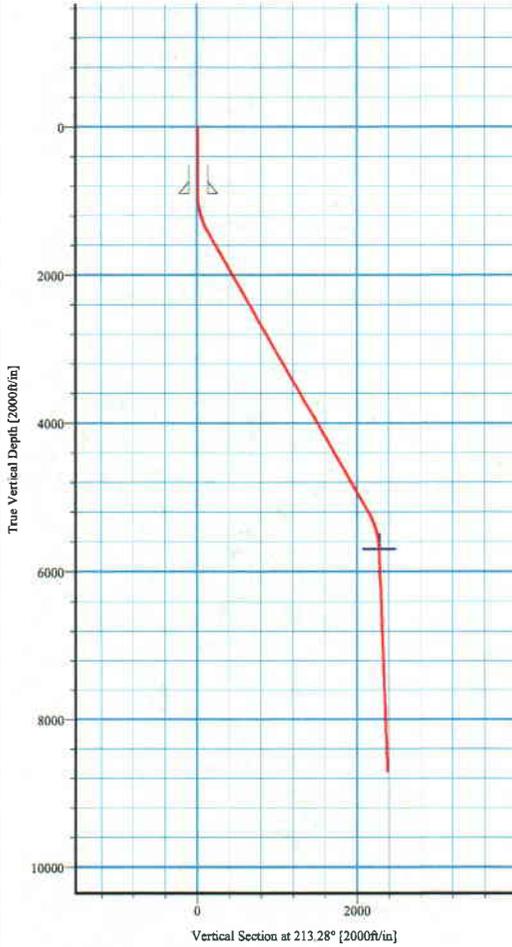
Name	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
WRU EIH #16MU-23-8-22	0.0	-25.0	3205881.96	2229066.99	40°06'28.930N	109°23'44.572W	N/A

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.0	0.00	212.77	0.0	0.0	-50.0	0.00	0.00	13.7	
2	900.0	0.00	212.77	900.0	0.0	-50.0	0.00	0.00	13.7	
3	1459.5	27.97	212.77	1437.5	-112.6	-122.5	5.00	212.77	147.6	
4	5722.5	27.97	212.77	5202.5	-1794.0	-1204.9	0.00	0.00	2147.2	
5	6242.0	2.00	212.77	5700.0	-1906.0	-1277.0	5.00	180.00	2280.4	660 FS & 660 FE Sec 23 8S 22E
6	9243.9	2.00	212.77	8700.0	-1994.1	-1333.7	0.00	0.00	2385.2	

CASING DETAILS

No.	TVD	MD	Name	Size
1	900.0	900.0	9 5/8"	9.625



Plan: 16MU-23-8-22 (WRU EIH #16MU-23-8-22/16MU-23-8-22)  
 Created By: Steve Schmitz, P.E. Date: 3/14/2004  
 Checked: \_\_\_\_\_ Date: \_\_\_\_\_

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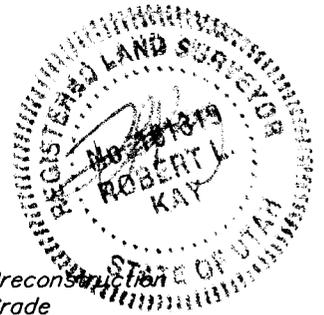


QUESTAR EXPLORATION & PROD.

FIGURE #2

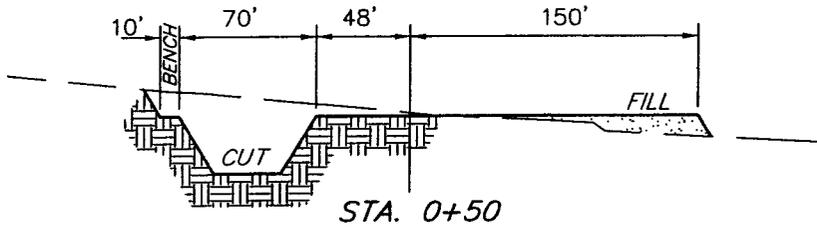
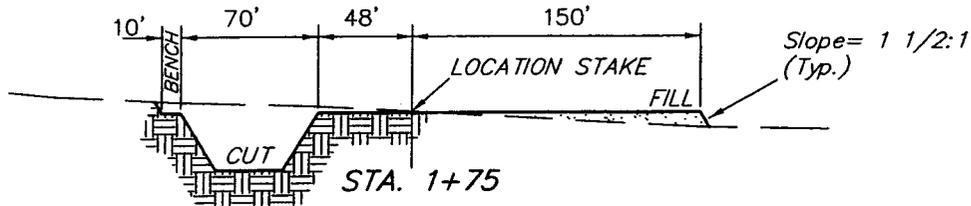
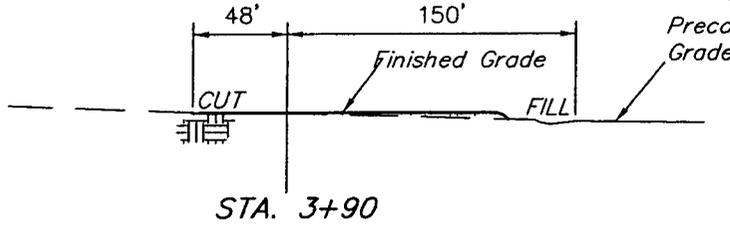
TYPICAL CROSS SECTIONS FOR

WRU EIH #11W-24-8-22, #12W-24-8-22  
& #16W-23-8-22  
SECTION 24, T8S, R22E, U.S.B.&M.  
NW 1/4 SW 1/4

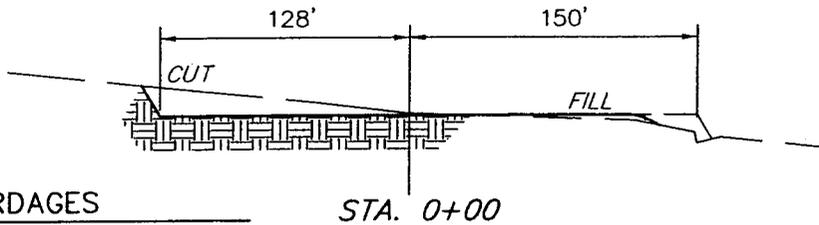


1" = 40'  
X-Section Scale  
1" = 100'

DATE: 03-31-04  
Drawn By: D.COX



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



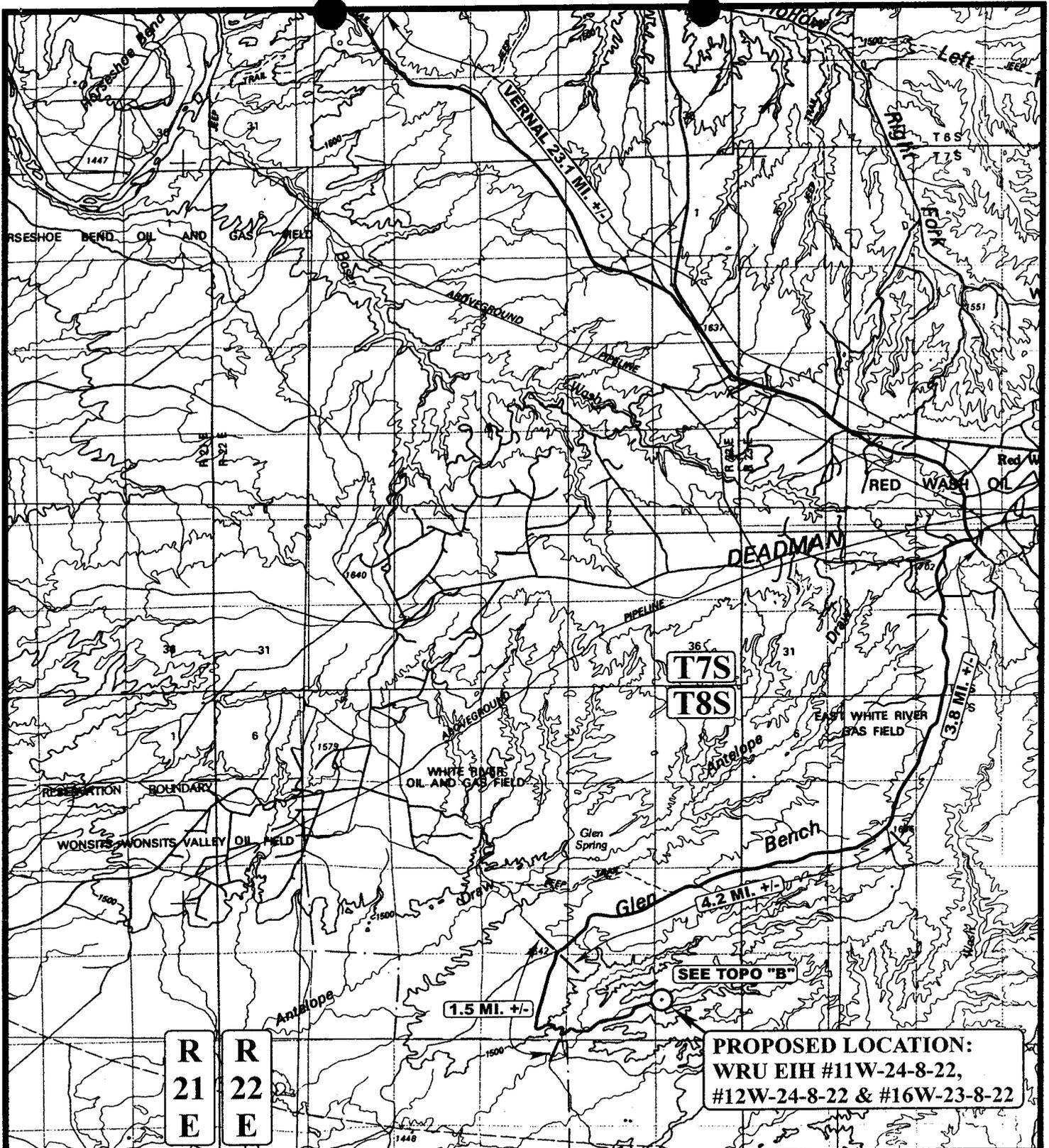
APPROXIMATE YARDAGES STA. 0+00

\* NOTE:  
FILL QUANTITY INCLUDES 5% FOR COMPACTION

CUT	
(6") Topsoil Stripping	= 1,910 Cu. Yds.
Remaining Location	= 6,780 Cu. Yds.
<b>TOTAL CUT</b>	<b>= 8,690 CU.YDS.</b>
<b>FILL</b>	<b>= 4,490 CU.YDS.</b>

EXCESS MATERIAL	=	4,200	Cu. Yds.
Topsoil & Pit Backfill	=	4,200	Cu. Yds.
(1/2 Pit Vol.) EXCESS UNBALANCE (After Rehabilitation)	=	0	Cu. Yds.

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



**PROPOSED LOCATION:**  
 WRU EIH #11W-24-8-22,  
 #12W-24-8-22 & #16W-23-8-22

**LEGEND:**

○ PROPOSED LOCATION

**QUESTAR EXPLR. & PROD.**

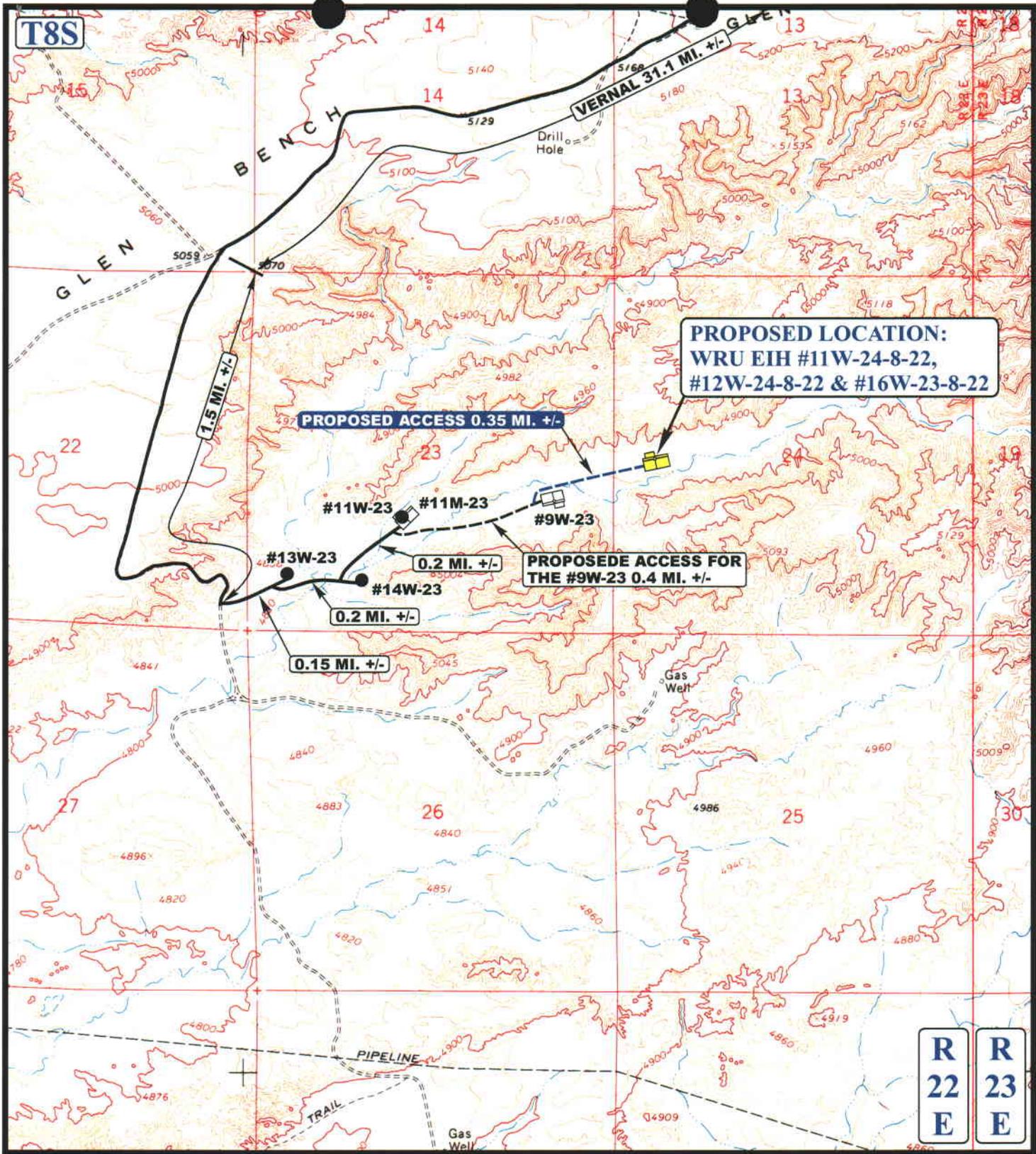
WRU EIH #11W-24-8-22, #12W-24-8-22 & #16W-23-8-22  
 SECTION 24, T8S, R22E, S.L.B.&M.  
 NW 1/4 SW 1/4

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



**TOPOGRAPHIC MAP**  
 12 03 03  
 MONTH DAY YEAR  
 SCALE: 1:100,000 DRAWN BY: P.M. REVISED: 04-17-04





**PROPOSED LOCATION:  
WRU EIH #11W-24-8-22,  
#12W-24-8-22 & #16W-23-8-22**

**PROPOSED ACCESS 0.35 MI. +/-**

**PROPOSED ACCESS FOR  
THE #9W-23 0.4 MI. +/-**

R	R
22	23
E	E

**LEGEND:**

- EXISTING ROAD
- - - - - PROPOSED ACCESS ROAD

**QUESTAR EXPLR. & PROD.**

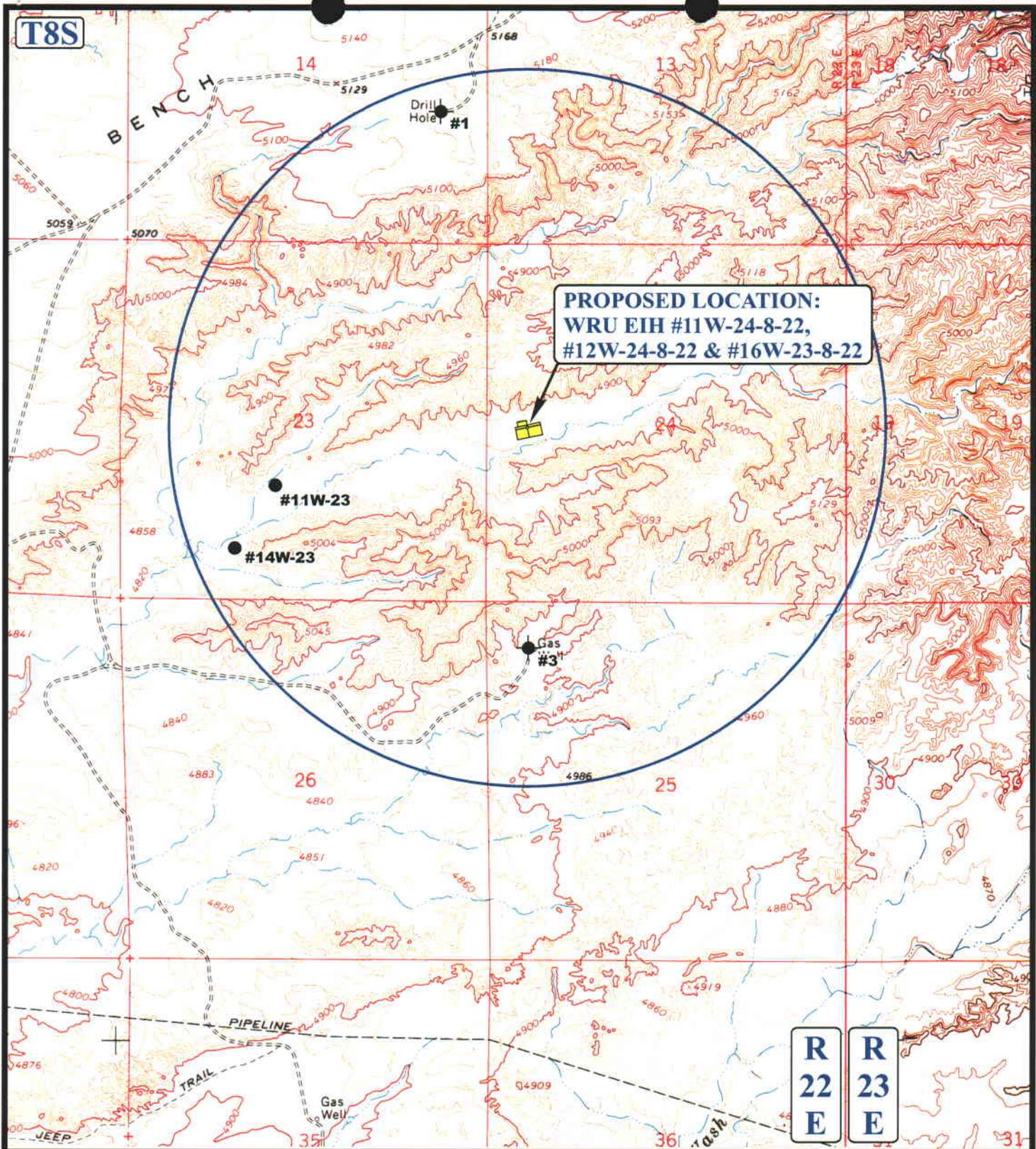
WRU EIH #11W-24-8-22, #12W-24-8-22 & #16W-23-8-22  
SECTION 24, T8S, R22E, S.L.B.&M.  
NW 1/4 SW 1/4

**UEIS** Uintah Engineering & Land Surveying  
85 South 200 East Vernal, Utah 84078  
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**TOPOGRAPHIC MAP** 12 03 03  
MONTH DAY YEAR  
SCALE: 1" = 2000' DRAWN BY: P.M. REVISED: 04-17-04 **B**  
TOPO

CONFIDENTIAL



**PROPOSED LOCATION:  
WRU EIH #11W-24-8-22,  
#12W-24-8-22 & #16W-23-8-22**

**R  
22  
E**      **R  
23  
E**

**LEGEND:**

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

**QUESTAR EXPLR. & PROD.**

**WRU EIH #11W-24-8-22, #12W-24-8-22 & #16<sup>MU</sup>W-23-8-22**  
SECTION 24, T8S, R22E, S.L.B.&M.  
NW 1/4 SW 1/4



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

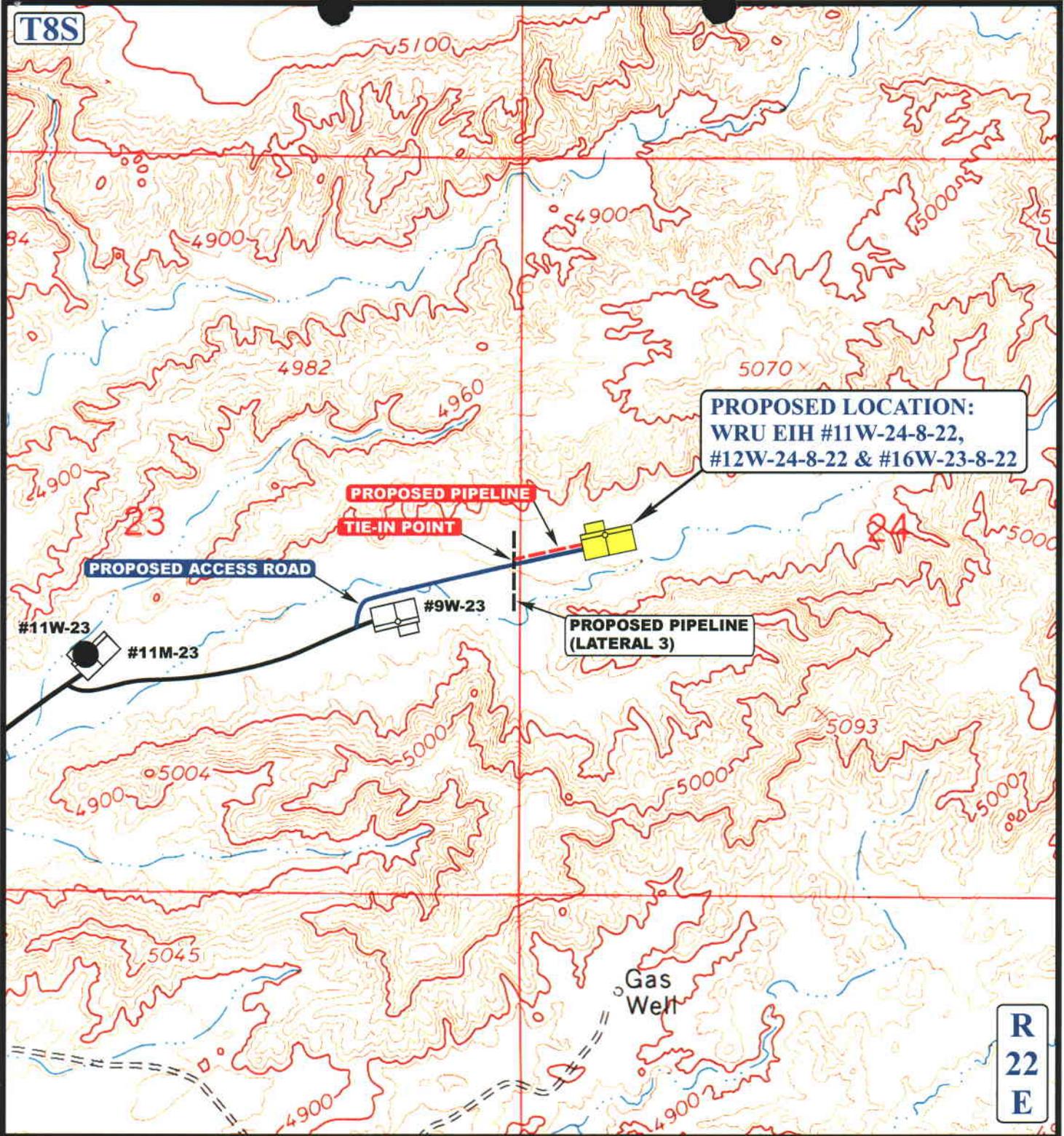


**TOPOGRAPHIC MAP**      **12 03 03**  
MONTH DAY YEAR  
SCALE: 1" = 2000'      DRAWN BY: P.M.      REVISED: 04-17-04



**CONFIDENTIAL**

T8S



APPROXIMATE TOTAL PIPELINE DISTANCE = 500' +/-

**LEGEND:**

-  PROPOSED ACCESS ROAD
-  EXISTING PIPELINE
-  PROPOSED PIPELINE

**QUESTAR EXPLR. & PROD.**

WRU EIH #11W-24-8-22, #12W-24-8-22 & #16W-23-8-22  
 SECTION 24, T8S, R22E, S.L.B.&M.  
 NW 1/4 SW 1/4



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

**TOPOGRAPHIC  
 MAP**

**12 03 03**  
 MONTH DAY YEAR

SCALE: 1" = 1000' DRAWN BY: P.M. REVISED: 04-17-04

**D  
 TOPO**

CONFIDENTIAL

# QUESTAR EXPLR. & PROD.

WRU EIH #11W-24-8-22, #12W-24-8-22 & #16<sup>mu</sup>W-23-8-22  
LOCATED IN UINTAH COUNTY, UTAH  
SECTION 24, T8S, R22E, S.L.B.&M.

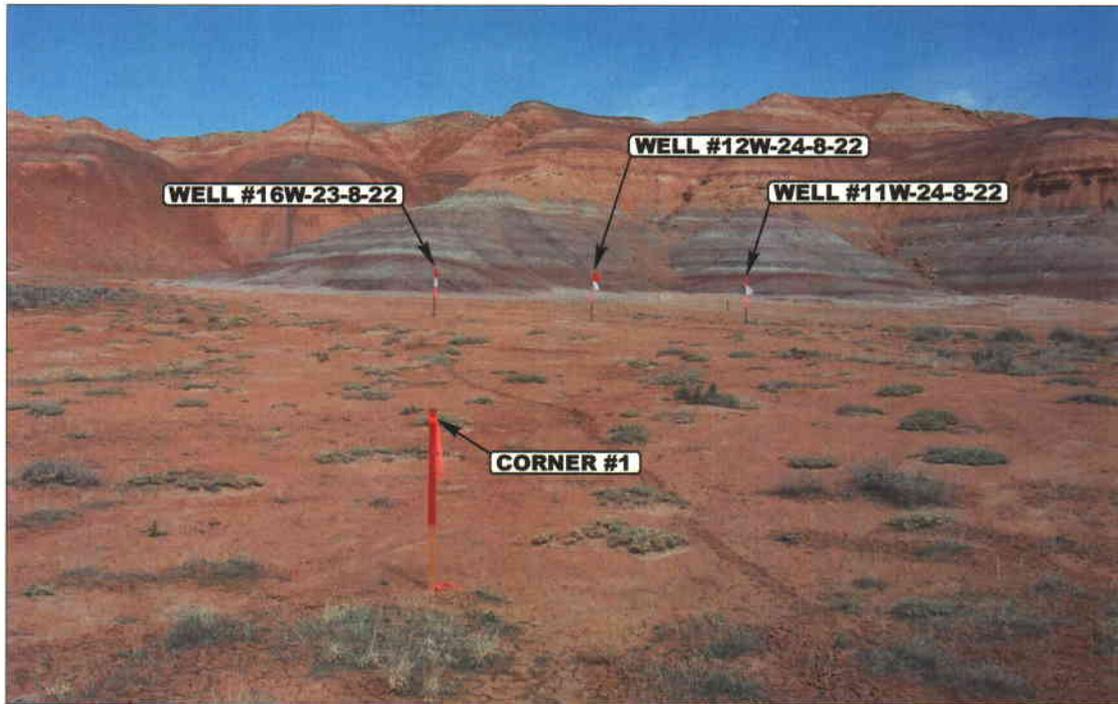


PHOTO: VIEW FROM CORNER #1 TO LOCATION STAKES

CAMERA ANGLE: NORTHERLY

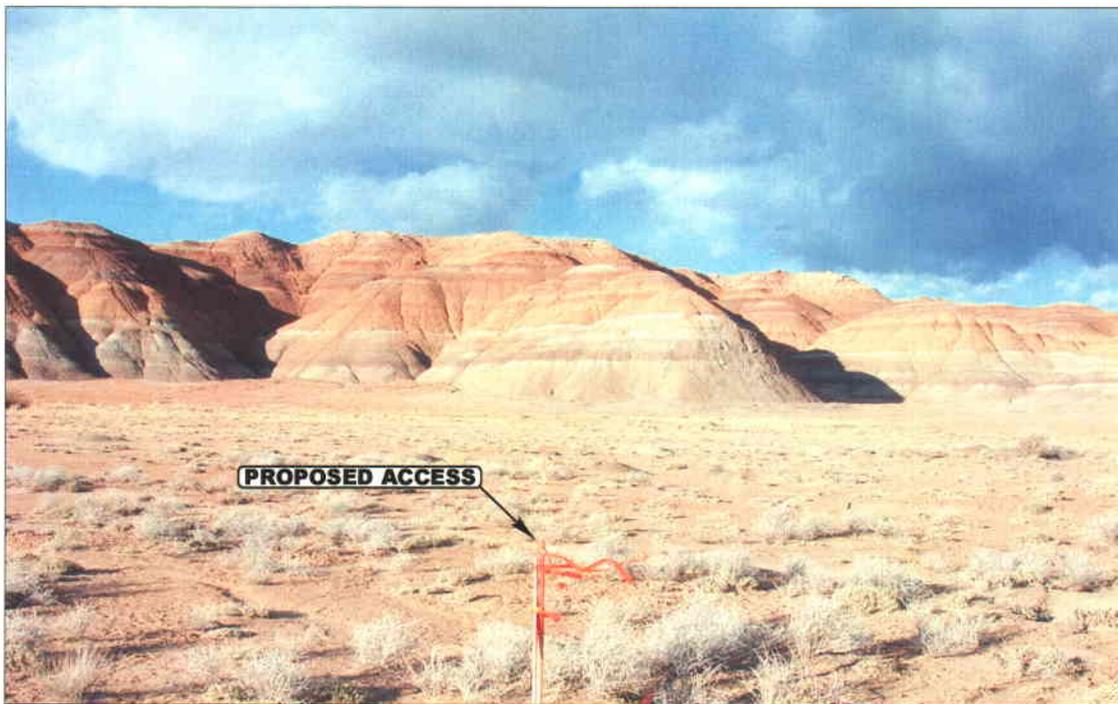


PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: NORTHEASTERLY



- Since 1964 -

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

<b>LOCATION PHOTOS</b>	<b>12</b>	<b>03</b>	<b>03</b>	<b>PHOTO</b>
	MONTH	DAY	YEAR	
TAKEN BY: D.A.	DRAWN BY: P.M.		REVISED: 04-17-04	

CONFIDENTIAL

WORKSHEET  
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 06/17/2004

API NO. ASSIGNED: 43-047-35804

WELL NAME: WRU EIH 16MU-23-8-22  
OPERATOR: QEP UINTA BASIN, INC. ( N2460 )  
CONTACT: JOHN BUSCH

PHONE NUMBER: 435-781-4341

PROPOSED LOCATION:

NWSW 24 080S 220E  
*SEE* SURFACE: 2566 FSL 0617 FWL  
BOTTOM: 0660 FSL 0660 FEL *Sec 33*  
UINTAH  
NATURAL BUTTES ( 630 )

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

LEASE TYPE: 1 - Federal  
LEASE NUMBER: UTU-43917  
SURFACE OWNER: 1 - Federal  
PROPOSED FORMATION: MVRD  
COALBED METHANE WELL? NO

LATITUDE: 40.10814  
LONGITUDE: 109.39473

RECEIVED AND/OR REVIEWED:

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

LOCATION AND SITING:

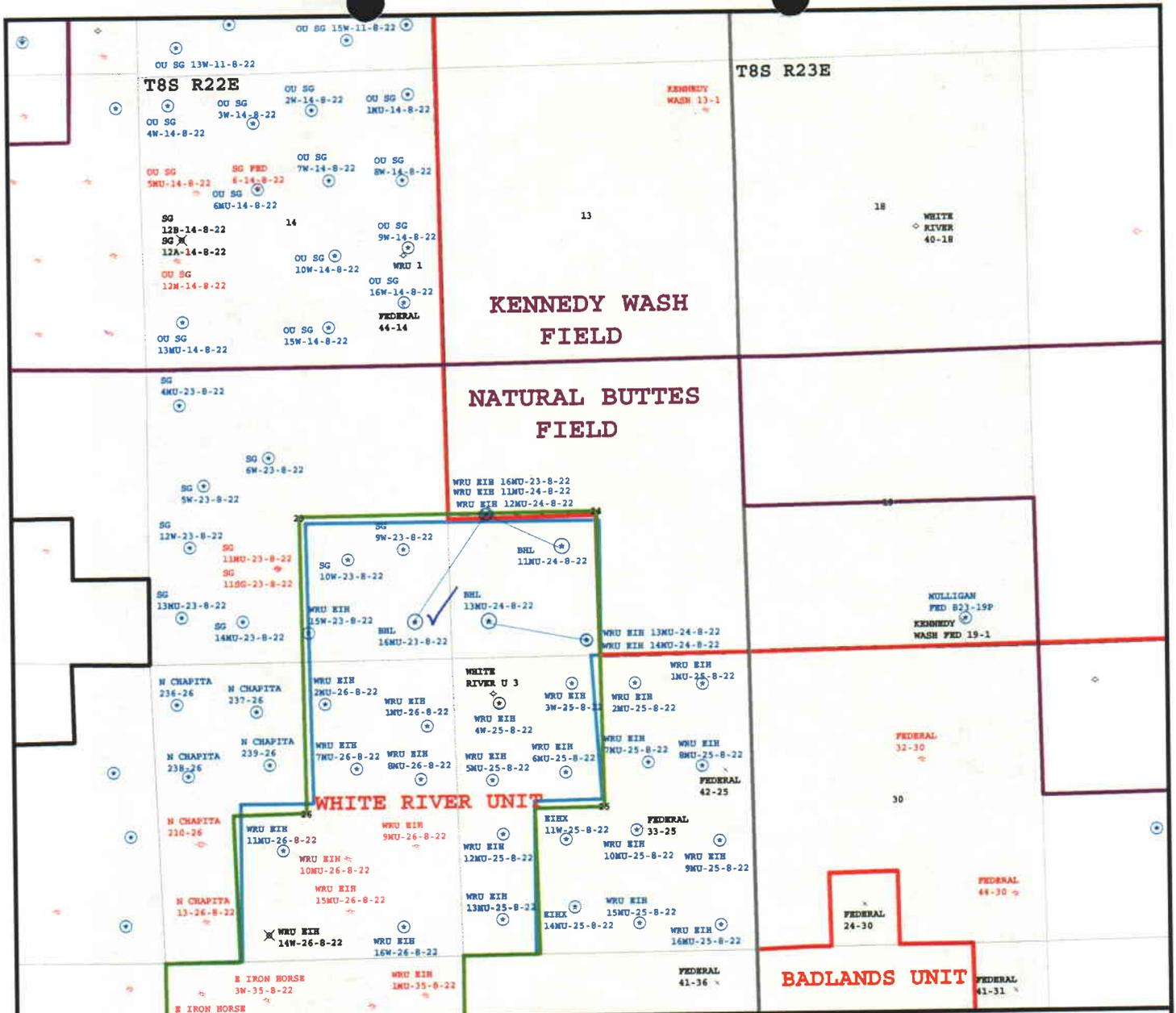
- R649-2-3.
- Unit WHITE RIVER *OK*
- R649-3-2. General  
Siting: 460 From Qtr/Qtr & 920' Between Wells
- R649-3-3. Exception
- Drilling Unit  
Board Cause No: \_\_\_\_\_  
Eff Date: \_\_\_\_\_  
Siting: \_\_\_\_\_
- R649-3-11. Directional Drill

COMMENTS:

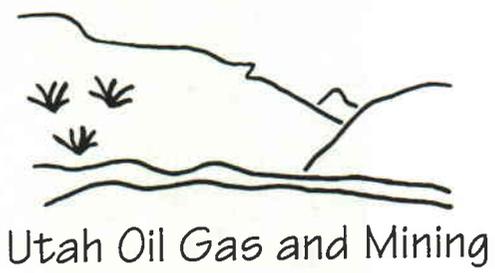
*See Separate file*

STIPULATIONS:

- 1- General approved*
- 2- Spacing Strip*



**OPERATOR: QEP UINTA BASIN INC (N2460)**  
**SEC. 24 T.8S, R.22E**  
**FIELD: NATURAL BUTTES (630)**  
**COUNTY: UINTAH**  
**SPACING: R649-3-11 / DIRECTIONAL DRILLING**



- Well 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



PREPARED BY: DIANA WHITNEY  
 DATE: 18-JUNE-2004

**QUESTAR**

SENT VIA FACSIMILE & REGULAR MAIL

July 19, 2004

Mr. Bruce Johnston  
Westport Resources Corporation  
1670 Broadway, Ste 2800  
Denver, CO 80202

**RE: Exception Locations for Directional Drilling  
Uintah County, Utah**

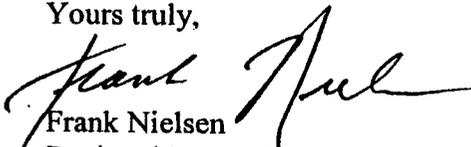
Gentlemen:

This is to request from Westport its written consent for exception locations involving the directional wells shown on Attachments #1 & 2 hereto. These wells are within the White River Unit and were recently proposed to Westport by Questar's letter of June 30, 2004.

The surface locations and points along certain upper portions of these directional wells are within the 460 ft. radius to adjoining leases where Westport is an owner, as shown on Attachment 3 hereto. However, the objective formations and prospective producing formations (Wasatch and Mesaverde) are within existing legal locations. Due to this, drainage is unlikely to occur in the upper portions of the wells. As such, Questar respectfully requests that Westport grant its consent for Questar to locate these wells at the proposed locations by executing a copy of this letter below and returning a copy to Questar.

In the event we don't hear from Westport by August 10<sup>th</sup>, 2004, we will have to pursue this matter at a State Board Hearing. However, we propose to meet with you before that time and discuss the project with you. Should you have any technical questions, please call JD Herman in our office.

Yours truly,

  
Frank Nielsen  
Regional Land Manager

Consent to Questar's proposed well locations as stated herein

Westport Resources Corporation

By   
Title Land Manager

Questar Exploration and Production Company

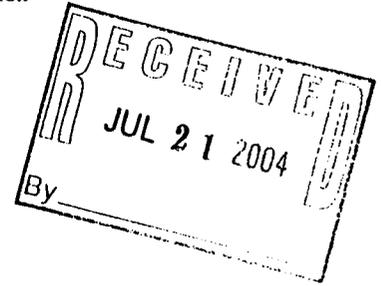
Independence Plaza

1050 17th Street, Suite 500

Denver, CO 80265

Tel 303 672 6900 • Fax 303 294 9632

Denver Division



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SEP 17 2004

DIV. OF OIL, GAS & MINING

002

# QUESTAR

QEP U nta Basin, Inc.

11002 East 17500 South

Vernal, UT 84078

Tel 435 781 4300 • Fax 435 781 4329

September 20, 2004

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

To Whom It May Concern:

QEP Uinta Basin, Inc., Well # <sup>16MU-23-8-22</sup> WRU EIH 16MU-23-8-22, <sup>11MU-24-8-22</sup> WRU EIH 11MU-24-8-22 and <sup>13MU-24-8-22</sup> WRU EIH 13MU-24-8-22 are and exception locations due to topography.

<sup>with 9 Part Encs</sup> In reference to the State Oil and Gas Conservation rule R649-3-11, the lease owners within 460' of the proposed location have been contacted and approval given (see attachment). QEP Uinta Basin, Inc. will be the operator on all three wells.

If you have any question please contact Jan Nelson @ (435) 781-4331.

Thank you,



Jan Nelson

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SEP 20 2004

DIV. OF OIL, GAS & MINING



## State of Utah

Department of  
Natural ResourcesROBERT L. MORGAN  
*Executive Director*Division of  
Oil, Gas & MiningLOWELL P. BRAXTON  
*Division Director*OLENE S. WALKER  
*Governor*GAYLE F. McKEACHNIE  
*Lieutenant Governor*

September 20, 2004

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

Re: White River Unit East Iron Horse 16MU-23-8-22 Well, Surface Location 2566' FSL, 617' FWL, NW SW, Sec. 24, T. 8 South, R. 22 East, Bottom Location 660' FSL, 660' FEL, SE SE, Sec. 23, T. 8 South, R. 22 East, Uintah County, Utah

Gentlemen:

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

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-35804.

Sincerely,

John R. Baza  
Associate Director

pab

Enclosures

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

Operator: QEP Uinta Basin, Inc.  
Well Name & Number White River Unit East Iron Horse 16MU-23-8-22  
API Number: 43-047-35804  
Lease: UTU-43917

Surface Location: NW SW      Sec. 24      T. 8 South      R. 22 East  
Bottom Location: SE SE      Sec. 23      T. 8 South      R. 22 East

### Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

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

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

- Contact Dan Jarvis at (801) 538-5338

3. Reporting Requirements

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

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

5. In accordance with Utah Admin. R.649-3-11, Directional Drilling, the operator shall submit a complete angular deviation and directional survey report to the Division within 30 days following completion of the well.

Page 2

API #43-047-35804

September 20, 2004

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

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

006

APPLICATION FOR PERMIT TO DRILL OR REENTER

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		<b>CONFIDENTIAL</b>		5. Lease Serial No. UTU43917
1b. 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				6. If Indian, Allottee or Tribe Name
2. Name of Operator QEP UINTA BASIN INC		Contact: JOHN BUSCH E-Mail: john.busch@questar.com		7. If Unit or CA Agreement, Name and No. UTU63021X
3a. Address 11002 EAST 17500 SOUTH VERNAL, UT 84078		3b. Phone No. (include area code) Ph: 435.781.4341 Fx: 435.781.4323		8. Lease Name and Well No. WRU EIH 16MU-23-8-22
4. Location of Well (Report location clearly and in accordance with any State requirements.*) At surface NWSW 2566FSL 617FWL At proposed prod. zone SESE 660FSL 660FEL				9. API Well No. 43,047-35804
14. Distance in miles and direction from nearest town or post office* 32 +/- MILES SOUTH WEST FROM VERNAL, UT				10. Field and Pool, or Exploratory NATURAL BUTTES
15. Distance from proposed location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 617' +/-		16. No. of Acres in Lease 480.00		11. Sec., T., R., M., or Blk. and Survey or Area Sec 24 T8S R22E Mer SLB SME: BLM
18. Distance from proposed location to nearest well, drilling, completed, applied for, on this lease, ft. 1500' +/-		19. Proposed Depth 9243 MD 8700 TVD		12. County or Parish UINTAH
21. Elevations (Show whether DF, KB, RT, GL, etc.) 4865 GL		22. Approximate date work will start		13. State UT
				17. Spacing Unit dedicated to this well 40.00
				20. BLM/BIA Bond No. on file
				23. Estimated duration 10 DAYS

24. Attachments

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

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

25. Signature (Electronic Submission)	Name (Printed/Typed) JOHN BUSCH	Date 06/14/2004
Title OPERATIONS		
Approved by (Signature) (Electronic Submission)	Name (Printed/Typed) HOWARD B CLEAVINGER II	Date 10/21/2004
Title AFM FOR MINERAL RESOURCES		
Office Vernal		

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

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

Additional Operator Remarks (see next page)

**Electronic Submission #31477 verified by the BLM Well Information System  
For QEP UINTA BASIN INC, sent to the Vernal  
Committed to AFMSS for processing by LESLIE WALKER on 06/17/2004 (04LW3925AE)**

\*\* BLM REVISED \*\*

**Revisions to Operator-Submitted EC Data for APD #31477**

**Operator Submitted**

Lease: UTU-43917  
Agreement: WHITE RIVER UNIT  
Operator: QEP UINTA BASIN, INC.  
11002 E. 17500 S.  
VERNAL, UT 84078  
Ph: 435.781.4341  
Fx: 435.781.4323

Admin Contact: JOHN BUSCH  
OPERATIONS  
11002 E. 17500 S.  
VERNAL, UT 84078  
Ph: 435.781.4341  
Fx: 435.781.4323  
E-Mail: john.busch@questar.com

Tech Contact:

Well Name: WRU EIH  
Number: 16MU-23-8-22  
Location:  
State: UT  
County: UINTAH  
S/T/R: Sec 24 T8S R22E Mer SLB  
Surf Loc: NWSW 2566FSL 617FWL

Field/Pool: NATURAL BUTTES

Bond: ESB000024

**BLM Revised (AFMSS)**

UTU43917  
UTU63021X  
QEP UINTA BASIN INC  
11002 EAST 17500 SOUTH  
VERNAL, UT 84078  
Ph: 435.781.4300

JOHN BUSCH  
OPERATIONS  
11002 EAST 17500 SOUTH  
VERNAL, UT 84078  
Ph: 435.781.4341  
Fx: 435.781.4323  
E-Mail: john.busch@questar.com

WRU EIH  
16MU-23-8-22

UT  
UINTAH  
Sec 24 T8S R22E Mer SLB  
NWSW 2566FSL 617FWL

NATURAL BUTTES

CONDITIONS OF APPROVAL  
APPLICATION FOR PERMIT TO DRILL

Company/Operator: Shenandoah Energy Inc.  
Well Name & Number: WRU EIH 16MU-23-8-22  
API Number: 43-047-~~35805~~ 35804  
Lease Number: U-43917  
Location: SESE Sec. 23 T.8S R. 22E  
Agreement: White River Unit

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

**CONDITIONS OF APPROVAL**

Approval of this application does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

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

Casing Program and Auxiliary Equipment

As a minimum requirement, the cement behind the production casing must extend 200' above the base of the Green River formation which has been identified at  $\pm 2485'$ .

Coring, Logging and Testing Program

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

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

Other Information

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

Ed Forsman (435) 828-7874  
Petroleum Engineer

Kirk Fleetwood (435) 828-7875  
Petroleum Engineer

BLM FAX Machine (435) 781-4410

CONDITIONS OF APPROVAL  
FOR THE SURFACE USE PROGRAM OF THE  
APPLICATION FOR PERMIT TO DRILL

Company/Operator: QEP, Uinta Basin, Inc

API Number: 43-047-35805

Well Name & Number: 16MU-23-8-22

Lease number: U-43917

Location: NW SW Sec, 24, T.8S. R. 22E.

Surface Ownership: BLM

Date NOS Received: 12/15/03

Date APD Received: 6/14/04

Conditions for Approval are in the APD

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

007

SUNDRY NOTICES AND REPORTS ON WELLS

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

**SUBMIT IN TRIPLICATE**

1. Type of Well  
 Oil  Gas   
 Well  Well  Other

2. Name of Operator  
**QEP Uinta Basin Inc.**

3. Address and Telephone No.  
**11002 E. 17500 S. VERNAL, UT 84078-8526** **435-781-4331**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
**NWSW, 2566' FSL 617' FWL SECTION 24, T8S, R22E (SURFACE)**  
**SESE, 660' FSL 660' FEL SECTION 23, T8S, R22E (BOTTOM HOLE)**

5. Lease Designation and Serial No.  
**UTU-43917**

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

7. If Unit or CA, Agreement Designation  
**WHITE RIVER UNIT**

8. Well Name and No.  
**WRU EIH 16MU-23-8-22**

9. API Well No.  
**43-047-35804**

10. Field and Pool, or Exploratory Area  
**NATURAL BUTTES**

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

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

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

**QEP Uinta Basin, Inc. proposes to change the surface location of the WRU EIH 16MU-23-8-22 from the WRU 12MU-24-8-22 pad to the WRU EIH 15ML-23-8-22 pad. This will be a directional well bore. The new surface location will be SWSE 497' FSL 2539 FEL Section 23, T8S, R22E, Bottom hole will be SESE, 660' FSL 660' FEL, Section 23, T8S, R22E.**

**QEP Uinta Basin Inc. proposes to drill this well to the Mesaverde formation. The proposed TD was 8700' TVD, 9243' MD, the new proposed TD will be 10350', 10725' MD. Please see attachments for BOP, Cement & Casing.**

**QEP Uinta Basin, Inc. proposes to change the name of the WRU EIH 16MU-23-8-22 to WRU EIH 16ML-23-8-22.**

Surf 635846X  
4440139Y  
40.102486  
- 109.406240

BHL 636417X  
4440192Y  
40.102844  
- 109.399328

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FEB 15 2005

DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct.  
 Signed **Jan Nelson** *Jan Nelson* Title **Regulatory Affairs Analyst** **2-11-05**

(This space for Federal or State office use)  
 Approved by: *Bradley G. Hill* **BRADLEY G. HILL** Date **02-24-05**  
 Conditions of approval, if any **ENVIRONMENTAL SCIENTIST III**

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.

COPIES SENT TO OPERATOR

See instruction on Reverse Side

**Federal Approval of this Action is Necessary**

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:

<b>Formation</b>	<b>TVD Depth</b>	<b>MD Depth</b>
Uinta	Surface	Surface
Kickoff Point	400'	400'
Green River	2400'	2538'
Mahogany	3025'	3217'
Wasatch	5420'	5777'
Mesa Verde	7930'	8388'
Sego	10300'	10657'
TD	10350'	10725'

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>TVD</b>	<b>MD</b>
Oil/Gas	Mesa Verde	10350'	10725'

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.

DRILLING PROGRAM

All water shows and water-bearing sands will be reported to the BLM in Vernal, Utah. Copies of State of Utah form OGC-8-X are acceptable. If no flows are detected, samples will be submitted to the BLM along with any water analyses conducted. Fresh water will be obtained from Wonsits Valley water right #36125 or where possible a fresh water line (poly pipe) will be laid in the access road to each location to supply fresh water for drilling purposes.

All waste water resulting from drilling operations will be disposed of at Red Wash Disposal Site located NESW Section 28, T7S, R22E.

3. Operator's Specification for Pressure Control Equipment:

- A. 5,000 psi W.P. Double Gate BOP or Single Gate BOP (schematic attached)
- B. Functional test daily
- C. All casing strings shall be pressure tested (0.2 psi/foot or 1500 psi, or 70% of the burst whichever is greater) prior to drilling the plug after cementing; test pressure shall not exceed the internal yield pressure of the casing.
- D. Ram type preventers and associated equipment shall be tested to approved stack working pressure if isolated by test plug or to 50 percent of internal yield pressure of casing whichever is less. BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc..., for a 5M system and individual components shall be operable as designed.

4. Casing Program

	<u>Depth</u>	<u>Hole Size</u>	<u>Csg Size</u>	<u>Type</u>	<u>Weight</u>
Surface	700'	12 1/4"	9-5/8"	J-55	36 lb/ft (new) LT&C
Intermediate	4025'	8 3/4"	7"	J-55	26lb/ft (new) LT&C
Production	1125'	6 1/8"	4 1/2"	P-110	11.60lb/ft (new) T&C
Production	9600'	6 1/8"	4 -1/2"	M-80	11.60 lb/ft (new)LT&C
TD	10725'				

DRILLING PROGRAM

5. Auxiliary Equipment

- A. Kelly Cock – yes
- B. Float at the bit – no
- C. Monitoring equipment on the mud system – visually and/or PVT/Flow Show
- D. Full opening safety valve on the rig floor – yes
- E. Rotating Head – yes  
If drilling with air the following will be used:
- F. The blooie line shall be at least 6” in diameter and extend at least 100’ from the well bore into the reserve/blooie pit.
- G. Blooie line ignition shall be provided by a continuous pilot (ignited when drilling below 500’).
- H. Compressor shall be tied directly to the blooie line through a manifold.
- I. A mister with a continuous stream of water shall be installed near the end of the blooie lines for dust suppression.

Surface hole will be drilled with air, air/mist, foam, or mud depending on hole conditions. Drilling below surface casing will be with water based drilling fluids consisting primarily of fresh water, bentonite, lignite, caustic, lime, soda ash and polymers. No chromates will be used. It is not intended to use oil in the mud, however, in the event it is used, oil concentration will be less than 4% by volume. Maximum anticipated mud weight is 9.5 ppg.

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

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

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

DRILLING PROGRAM

6. Testing, logging and coring program

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

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

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

7. Cementing Program

<u>Casing</u>	<u>Volume</u>	<u>Type &amp; Additives</u>
Surface	365sx	Class “G” single slurry mixed to 15.6 ppg, yield = 1.19 cf/sx. Fill to surface with 160 cf (365 sx) calculated. Tail plug used. Allowed to set under pressure
Intermediate	Lead-444sx* Tail-49sx*	Lead/Tail oilfield type cement circulated in place . Tail slurry: Class “G” + gilsonite and additives as required, mixed to 14.8 ppg, yield = 1.34 cf/sx. Fill to 3276’ Top of Tail.  Cement Characteristics: Lead slurry: Class “G” + extender and additives as required, mixed to 11.0 ppg, yield = 3.82 cf/sx. Fill to surface. Tail plug used. Allowed to set under pressure.

DRILLING PROGRAM

---

Production    Lead-360sx\*  
                  Tail-165sx\*

Lead/Tail oilfield type cement circulated in place .  
Tail slurry: Class "G" + gilsonite and additives as  
required, mixed to 14.8 ppg, yield = 1.34 cf/sx. Fill  
to 5277' ( $\pm 500'$  above top of Wasatch).

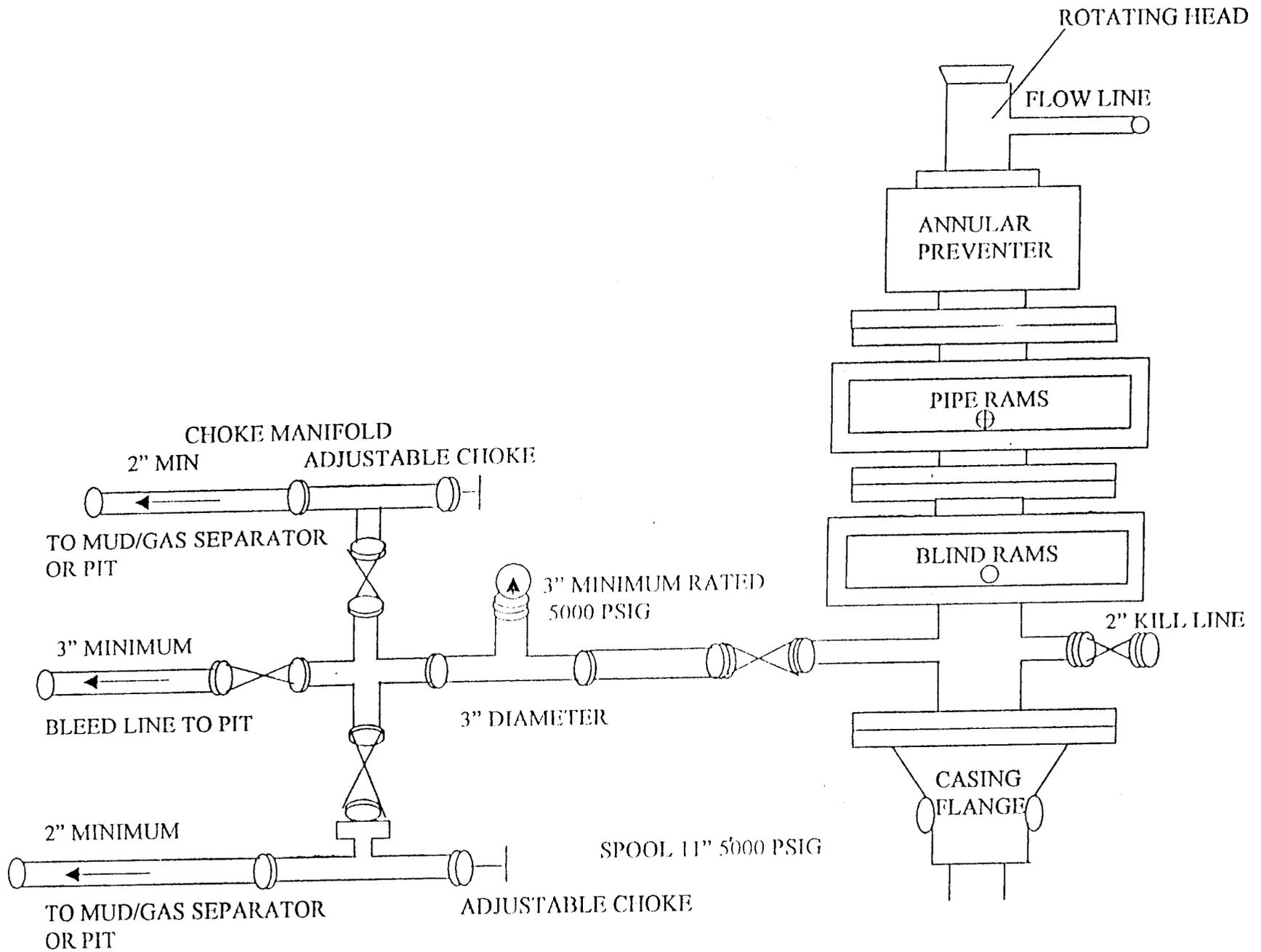
Cement Characteristics:

Lead slurry: Class "G" + extender and additives as  
required, mixed to 11.0 ppg, yield = 3.82 cf/sx. Fill  
to surface. Tail plug used. Allowed to set under  
pressure.

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 4489.0 psi. Maximum  
anticipated bottom hole temperature is 140° F.

# 5000 PSIG DIAGRAM



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

QUESTAR EXPLR. & PROD.

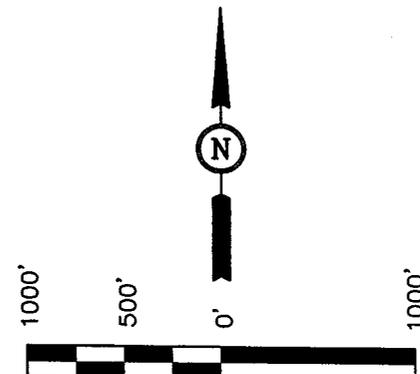
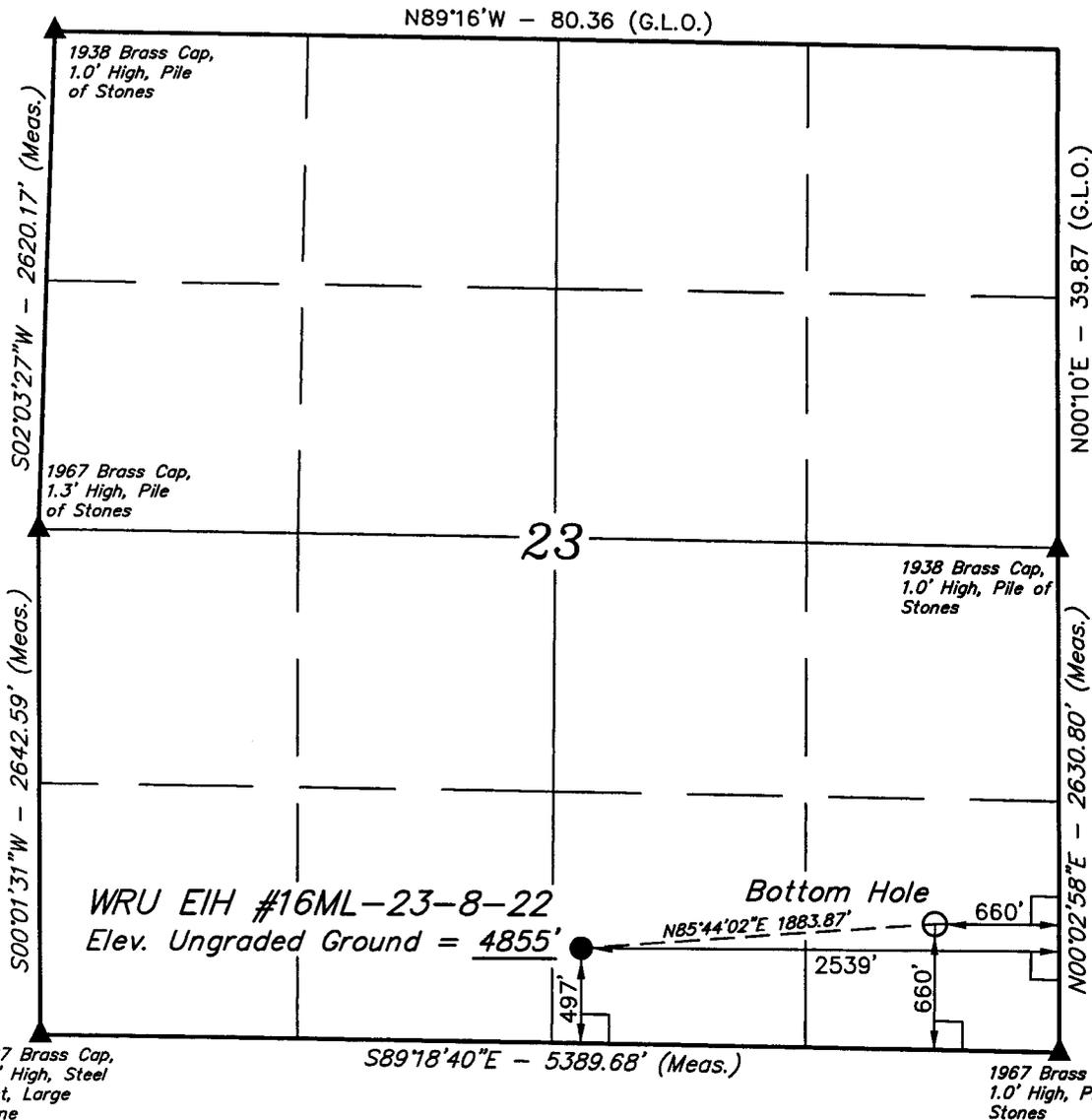
Well location, WRU EIH #16ML-23-8-22, located as shown in the SW 1/4 SE 1/4 of Section 23, T8S, R22E, S.L.B.&M. Uintah County, Utah.

**BASIS OF ELEVATION**

BENCH MARK 20EAM LOCATED IN THE SE 1/4 OF SECTION 35, T8S, R21E, S.L.B.&M. TAKEN FROM THE OURAY SE, QUADRANGLE, UTAH, UINTAH COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 4697 FEET.

**BASIS OF BEARINGS**

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



**CERTIFICATE**

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

*Robert H. ...*

REGISTERED LAND SURVEYOR  
REGISTRATION NO. 161319  
STATE OF UTAH

1967 Brass Cap,  
0.5' High, Steel  
Post, Large  
Stone

1967 Brass Cap,  
1.0' High, Pile of  
Stones

**LEGEND:**

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

(NAD 83)  
LATITUDE = 40°06'08.80" (40.102444)  
LONGITUDE = 109°24'24.91" (109.406919)  
(NAD 27)  
LATITUDE = 40°06'08.93" (40.102481)  
LONGITUDE = 109°24'22.45" (109.406236)

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

SCALE 1" = 1000'	DATE SURVEYED: 1-13-05	DATE DRAWN: 1-16-05
PARTY D.A. T.C. K.G.	REFERENCES G.L.O. PLAT	
WEATHER COLD	FILE QUESTAR EXPLR. & PROD.	

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

QUESTAR EXPLR. & PROD.

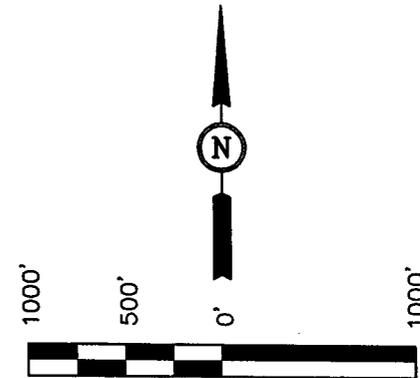
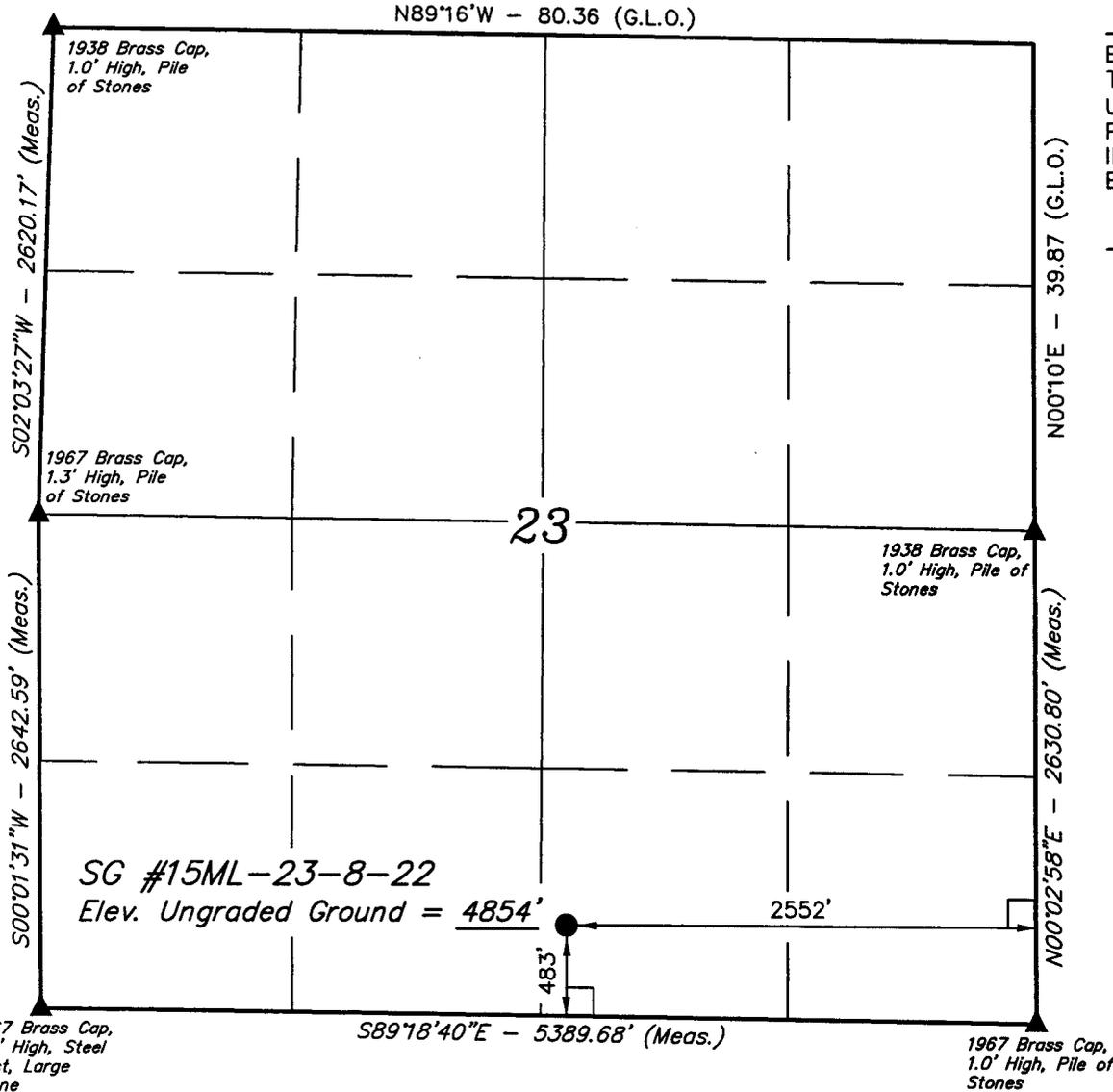
Well location, SG #15ML-23-8-22, located as shown in the SW 1/4 SE 1/4 of Section 23, T8S, R22E, S.L.B.&M. Uintah County, Utah.

BASIS OF ELEVATION

BENCH MARK 20EAM LOCATED IN THE SE 1/4 OF SECTION 35, T8S, R21E, S.L.B.&M. TAKEN FROM THE OURAY SE, QUADRANGLE, UTAH, UINTAH COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 4697 FEET.

BASIS OF BEARINGS

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



CERTIFICATE

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

*John A. Hayes*  
REGISTERED LAND SURVEYOR  
REGISTRATION NO. 161319  
STATE OF UTAH

Revised: 1-16-05 K.G

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

LEGEND:

- = 90° SYMBOL
- = PROPOSED WELL HEAD.
- = SECTION CORNERS LOCATED.

(NAD 83)  
LATITUDE = 40°06'08.66" (40.102406)  
LONGITUDE = 109°24'25.08" (109.406967)  
(NAD 27)  
LATITUDE = 40°06'08.79" (40.102442)  
LONGITUDE = 109°24'22.62" (109.406283)

SCALE 1" = 1000'	DATE SURVEYED: 02-20-03	DATE DRAWN: 02-24-03
PARTY J.F. A.F. D.COX	REFERENCES G.L.O. PLAT	
WEATHER COLD	FILE QUESTAR EXPLR. & PROD.	



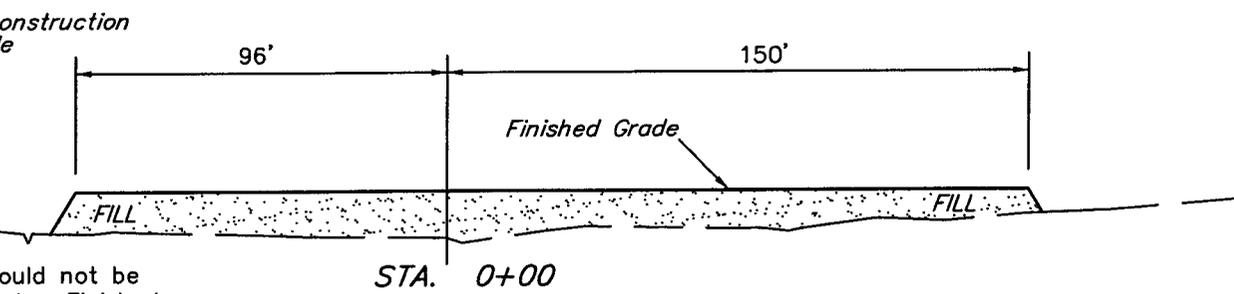
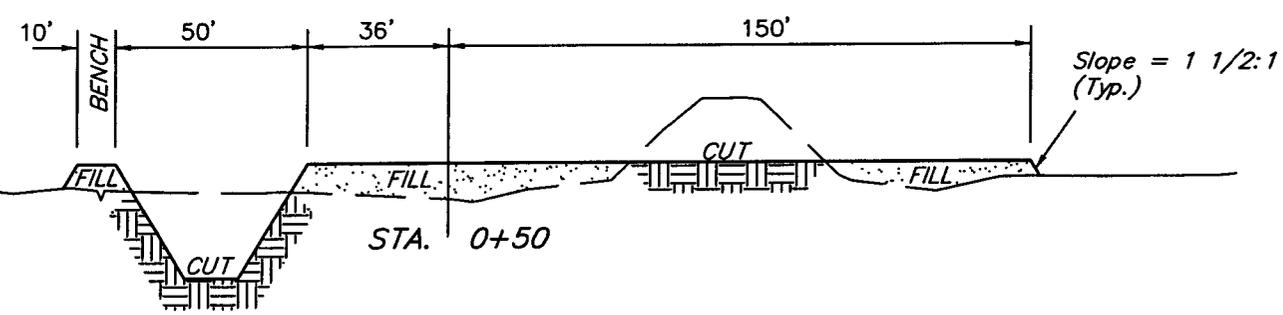
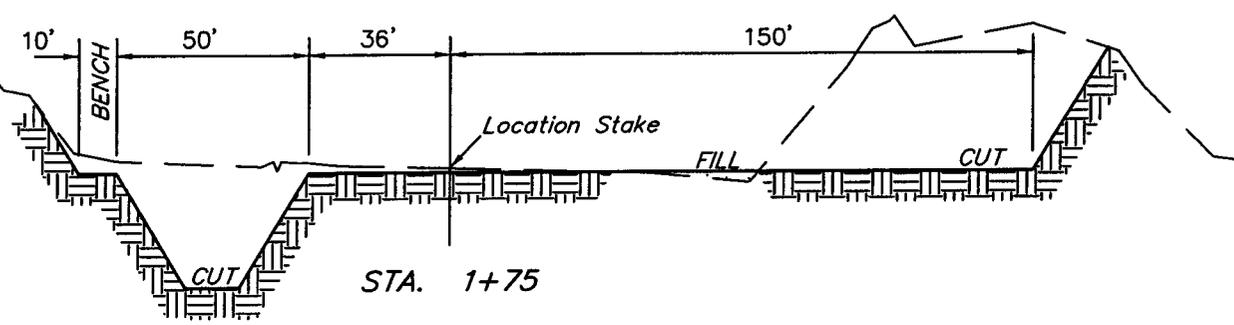
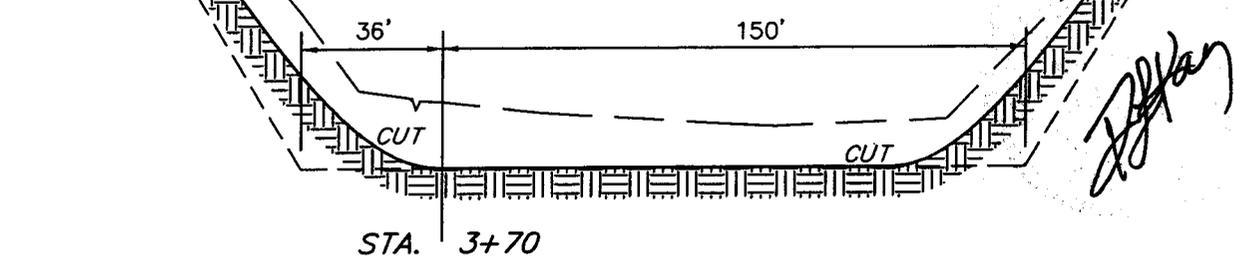
TYPICAL CROSS SECTIONS FOR

SG #15ML-23-8-22 & WRU EIH #16ML-23-8-22

SECTION 23, T8S, R22E, S.L.B.&M.

SW 1/4 SE 1/4

X-Section Scale  
1" = 50'  
DATE: 1-17-05  
Drawn By: K.G.

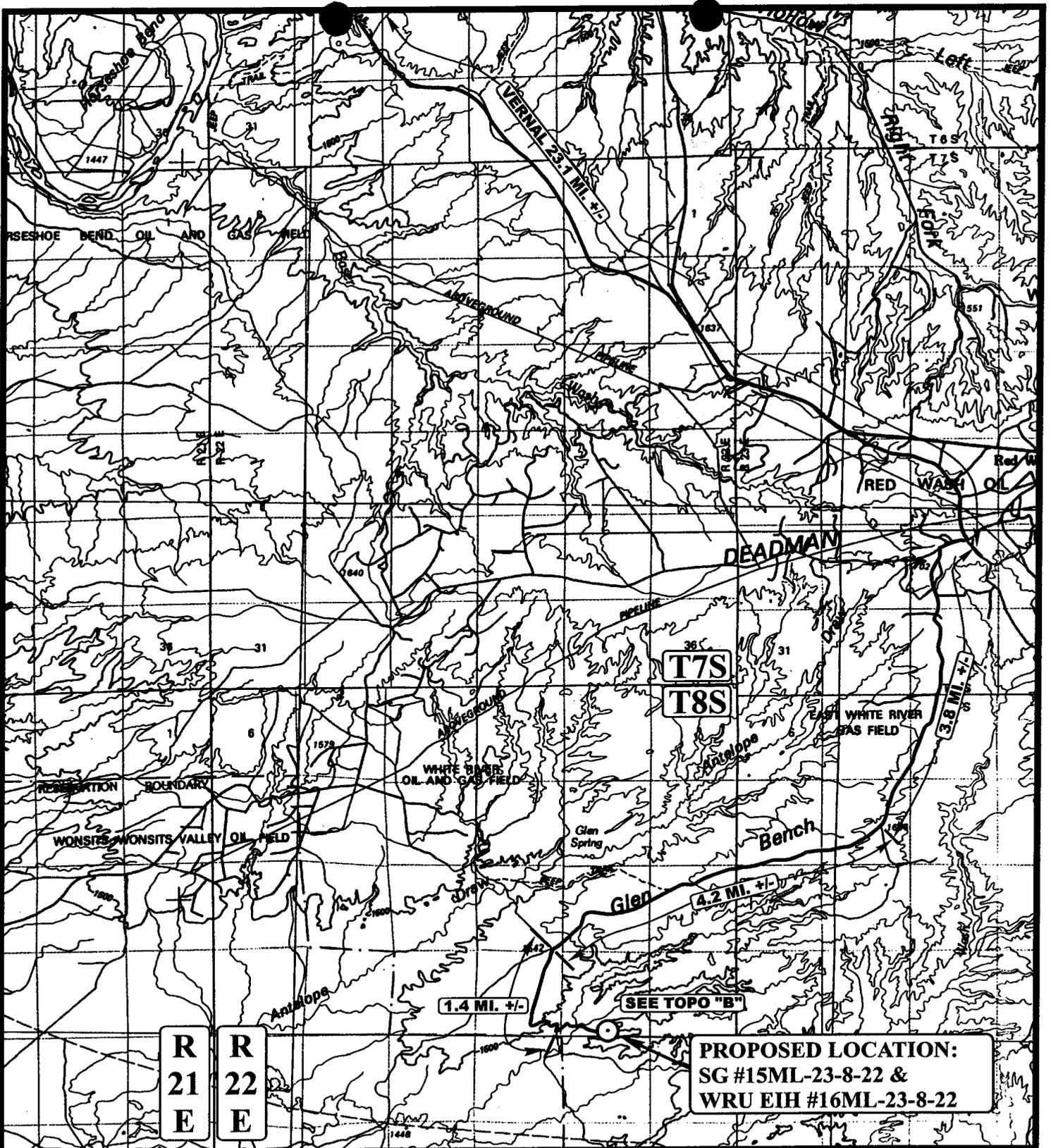


NOTE:  
Topsoil should not be Stripped Below Finished Grade on Substructure Area.

\* NOTE:  
FILL QUANTITY INCLUDES 5% FOR COMPACTION  
Excess Material = 14,420 Cu. Yds.  
Topsoil & Pit Backfill (1/2 Pit Vol.) = 3,300 Cu. Yds.  
EXCESS UNBALANCE (After Rehabilitation) = 11,120 Cu. Yds.

APPROXIMATE YARDAGES

CUT	
(6") Topsoil Stripping	= 1,960 Cu. Yds.
Remaining Location	= 15,390 Cu. Yds.
<b>TOTAL CUT</b>	<b>= 17,350 CU.YDS.</b>
<b>FILL</b>	<b>= 2,930 CU.YDS.</b>



R  
21  
E

R  
22  
E

**PROPOSED LOCATION:**  
 SG #15ML-23-8-22 &  
 WRU EIH #16ML-23-8-22

**LEGEND:**

○ PROPOSED LOCATION

**QUESTAR EXPLR. & PROD.**

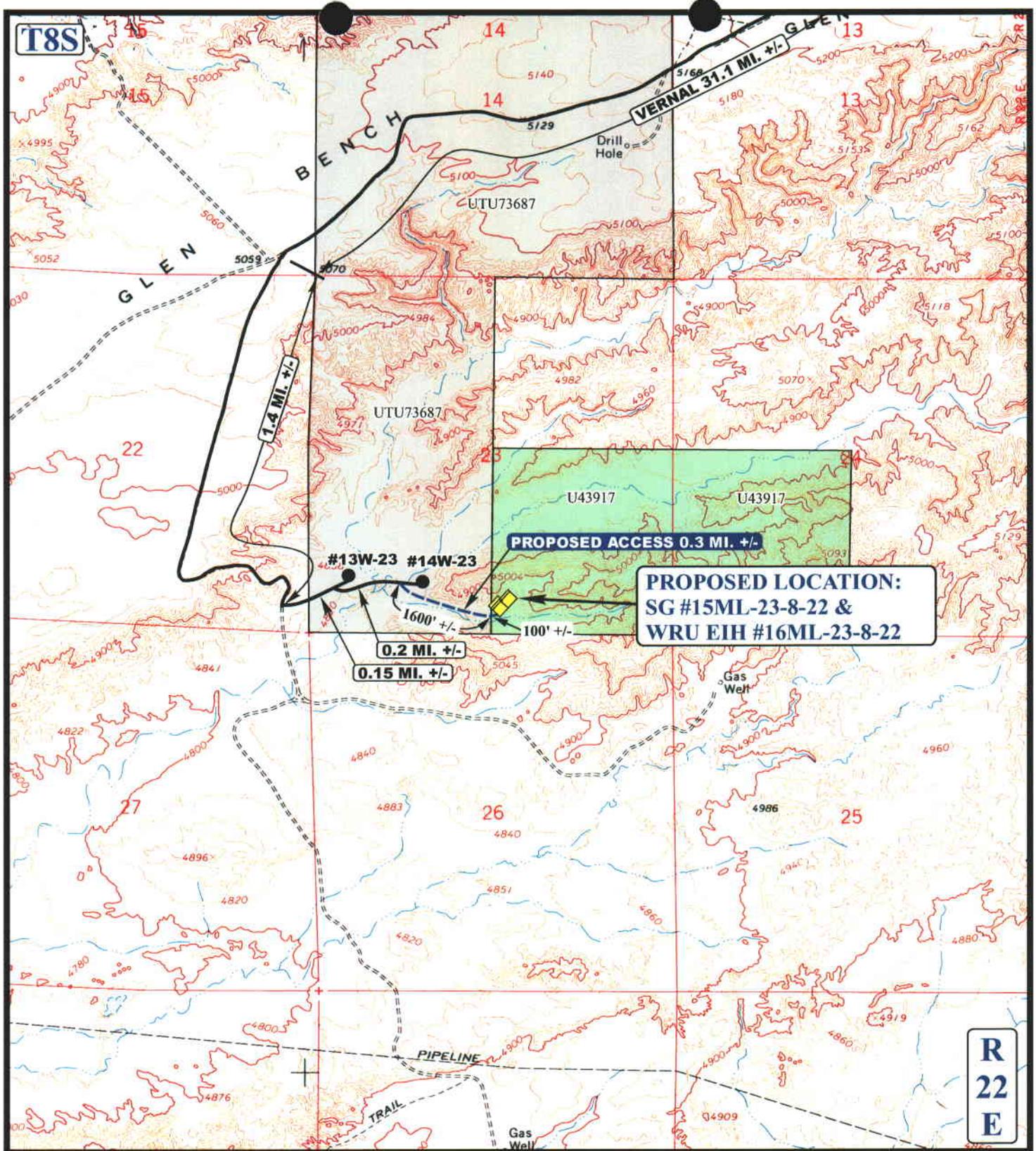
SG #15ML-23-8-22 & WRU EIH #16ML-23-8-22  
 SECTION 23, T8S, R22E, S.L.B.&M.  
 SW 1/4 SE 1/4



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

**TOPOGRAPHIC** 02 25 03  
**MAP** MONTH DAY YEAR  
 SCALE: 1:100,000 DRAWN BY: P.M. REVISED: 01-17-05





**PROPOSED LOCATION:  
SG #15ML-23-8-22 &  
WRU EIH #16ML-23-8-22**

**R  
22  
E**

**LEGEND:**

-  EXISTING ROAD
-  PROPOSED ACCESS ROAD

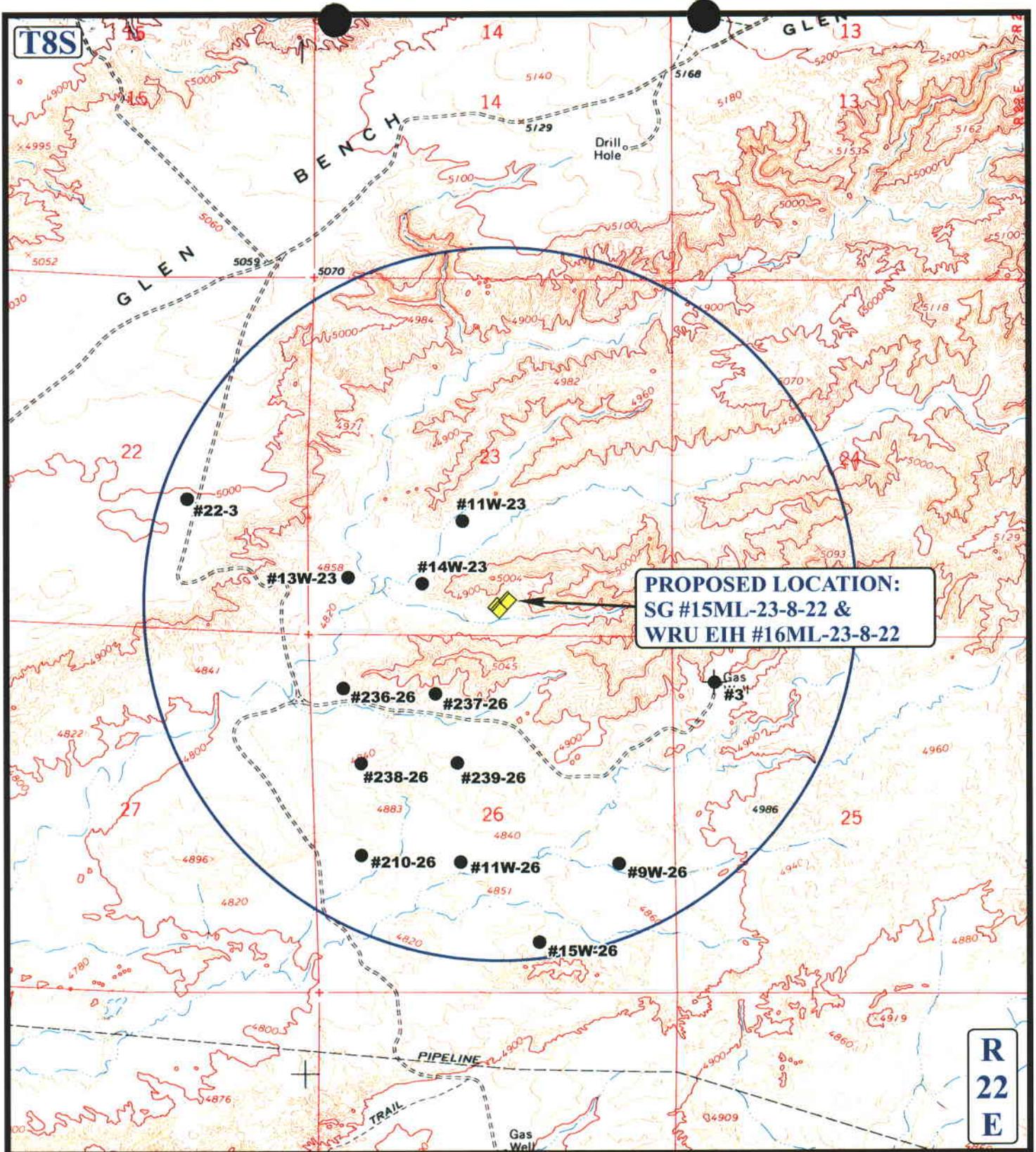
**QUESTAR EXPLR. & PROD.**

**SG #15ML-23-8-22 & WRU EIH #16ML-23-8-22  
SECTION 23, T8S, R22E, S.L.B.&M.  
SW 1/4 SE 1/4**

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



**TOPOGRAPHIC MAP** **02 25 03**  
MONTH DAY YEAR  
SCALE: 1" = 2000' DRAWN BY: P.M. REVISED: 01-17-05 **B**  
TOPO



**PROPOSED LOCATION:  
SG #15ML-23-8-22 &  
WRU EIH #16ML-23-8-22**

**R  
22  
E**

**LEGEND:**

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

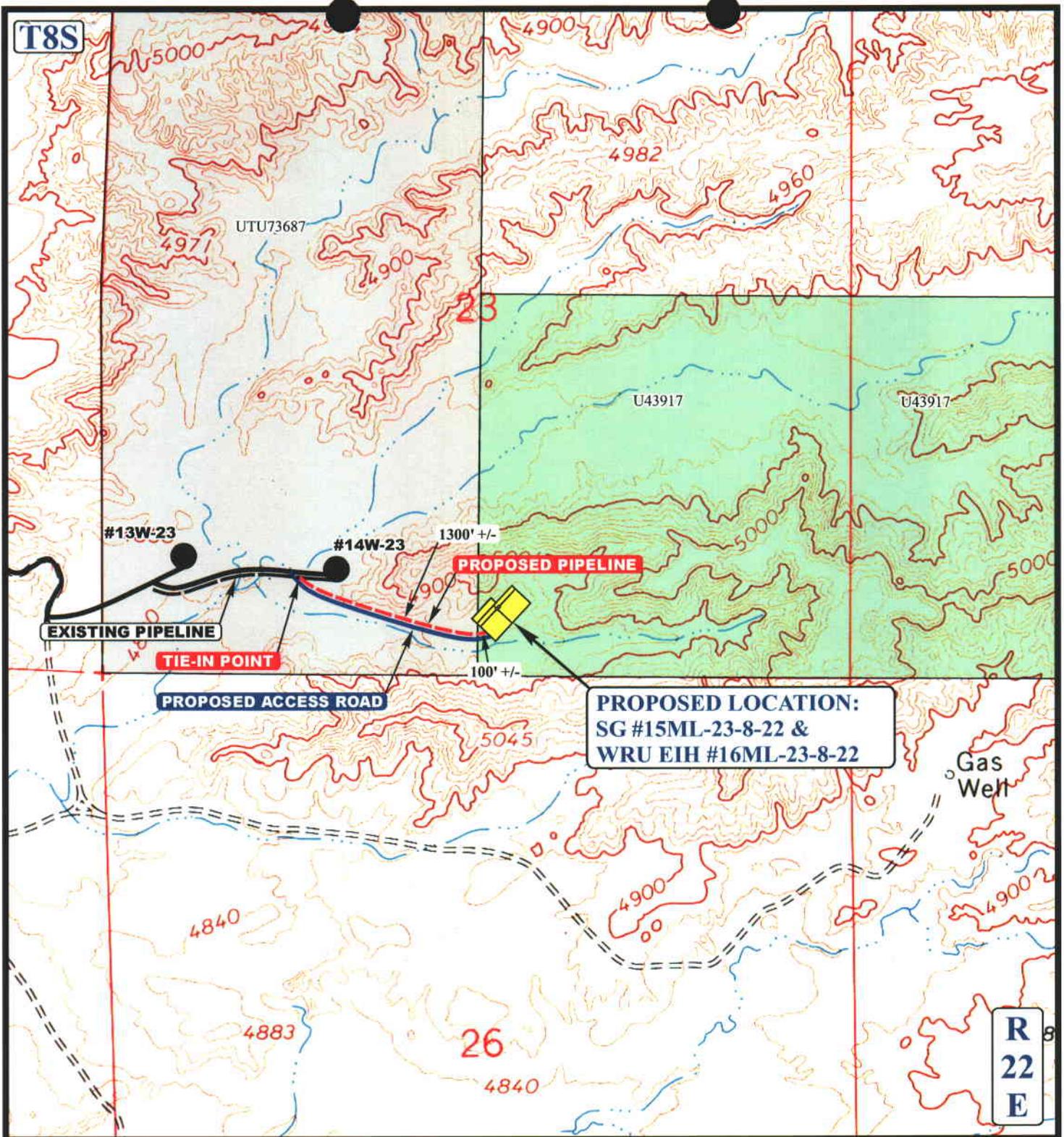
**QUESTAR EXPLR. & PROD.**

**SG #15ML-23-8-22 & WRU EIH #16ML-23-8-22  
SECTION 23, T8S, R22E, S.L.B.&M.  
SW 1/4 SE 1/4**

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



**TOPOGRAPHIC MAP** **02 25 03**  
 MONTH DAY YEAR  
 SCALE: 1" = 2000' DRAWN BY: P.M. REVISED: 01-17-05 **C TOPO**



**PROPOSED LOCATION:  
SG #15ML-23-8-22 &  
WRU EIH #16ML-23-8-22**

**APPROXIMATE TOTAL PIPELINE DISTANCE = 1,400' +/-**

**LEGEND:**

-  PROPOSED ACCESS ROAD
-  EXISTING PIPELINE
-  PROPOSED PIPELINE

**QUESTAR EXPLR. & PROD.**

**SG #15ML-23-8-22 & WRU EIH #16ML-23-8-22  
SECTION 23, T8S, R22E, S.L.B.&M.  
SW 1/4 SE 1/4**



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



**TOPOGRAPHIC  
MAP**

**02 25 03**  
MONTH DAY YEAR

SCALE: 1" = 1000' DRAWN BY: P.M. REVISED: 01-17-05

**D  
TOPO**

**QUESTAR EXPLR. & PROD.**  
**SG #15ML-23-8-22 & WRU EIH #16ML-23-8-22**  
 LOCATED IN UINTAH COUNTY, UTAH  
 SECTION 23, T8S, R22E, S.L.B.&M.



PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKES

CAMERA ANGLE: SOUTHEASTERLY



PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: SOUTHEASTERLY



- Since 1964 -

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

<b>LOCATION PHOTOS</b>			<b>02</b>	<b>25</b>	<b>03</b>	<b>PHOTO</b>
			MONTH	DAY	YEAR	
TAKEN BY: J.F.		DRAWN BY: P.M.		REVISED: 01-17-05		

008

ENTITY ACTION FORM

Operator: QEP Uinta Basin, Inc.  
Address: 11002 East 17500 South  
city Vernal  
state UT zip 84078

Operator Account Number: N 2460  
Phone Number: (435) 781-4342

Well 1

API Number	Well Name		QQ	Sec	Twp	Rng	County
4304735804	WRU EIH 16ML 23 8 22		NWSW	23	8	22	Uintah
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
A	99999	14683	4/15/2005		4/28/05		
Comments: Bottom Location - SESE, 660' FSL, 660' FEL, Sec 23-T8S-R22E mVRD - not in unit pa							

CONFIDENTIAL

Well 2

API Number	Well Name		QQ	Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
Comments:							

Well 3

API Number	Well Name		QQ	Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
Comments:							

ACTION CODES:

- 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)

Dahn F. Caldwell  
Name (Please Print)  
*Dahn F. Caldwell*  
Signature  
Office Administrator II. 4/22/2005  
Title Date

RECEIVED

APR 26 2005

DIV. OF OIL, GAS & MINING

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

009

SUBMIT IN TRIPLICATE

1. Type of Well

Oil Gas  
 Well  Well  Other

CONFIDENTIAL

2. Name of Operator

QEP, UINTA BASIN, INC.

3. Address and Telephone No.

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

Contact: Dahn.Caldwell@questar.com

435-781-4342 Fax 435-781-4357

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

NWSW, 2566' FSL, 617' FWL, Sec 24-T8S-R22E (Surface)  
SESE, 660' FSL, 660' FEL, Sec 23-T8S-R22E (Bottom Hole)

5. Lease Designation and Serial No.

UTU-43917

6. If Indian, Allottee or Tribe Name

N/A

7. If Unit or CA, Agreement Designation

WHITE RIVER UNIT

8. Well Name and No.

WRU EIH 16ML 23 8 22

9. API Well No.

43-047-35804

10. Field and Pool, or Exploratory Area

NATURAL BUTTES

11. County or Parish, State

UINTAH COUNTY, UTAH

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

TYPE OF SUBMISSION

TYPE OF ACTION

Notice of Intent  
 Subsequent Report  
 Final Abandonment Notice

Abandonment  
 Recompletion  
 Plugging Back  
 Casing Repair  
 Altering Casing  
 Other SPUD

Change of Plans  
 New Construction  
 Non-Routine Fracturing  
 Water Shut-Off  
 Conversion to Injection  
 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 4/15/2005 - Drilled 40', set 40' of 14" conductor. Cement 14" conductor w/ Ready Mix

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 Office Administrator II

Date 4/22/05

(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.

RECEIVED

APR 26 2005

DIV. OF OIL, GAS & MINING

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

010

**SUBMIT IN TRIPLICATE**

1. Type of Well  
Oil  Well Gas  Well  Well Other

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

3. Address and Telephone No. **11002 E. 17500 S. VERNAL, UT 84078-8526** Contact: **Dahn.Caldwell@questar.com**  
**435-781-4342 Fax 435-781-4357**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
**SUSE 497 2539 E**  
**NWSW, 2866' FSL, 617' FWL, Sec 24-T8S-R22E (Surface)**  
**SESE, 660' FSL, 660' FEL, Sec 23-T8S-R22E (Bottom Hole)**

5. Lease Designation and Serial No.  
**UTU-43917**

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

7. If Unit or CA, Agreement Designation  
**WHITE RIVER UNIT**

8. Well Name and No.  
**WRU EIH 16ML 23 8 22**

9. API Well No.  
**43-047-35804**

10. Field and Pool, or Exploratory Area  
**NATURAL BUTTES**

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

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

TYPE OF SUBMISSION	TYPE OF ACTION
<input 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 4/15/2005 - Drilled 40', set 40' of 14" conductor. Cement 14" conductor w/ Ready Mix**

**On 4/27/05 - Drill 12-1/4" hole to 710'. Run 16 jts of 9-5/8" 36# tbg and land shoe @ 716'KB. Cemented with 450 sxs of Premium Plus Cmt.**

RECEIVED  
MAY 03 2005

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

DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct  
Signed Dahn F. Caldwell Title Office Administrator II Date 4/29/05

(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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**WEEKLY OPERATIONS REPORT – June 23, 2005**

QEP

**UINTA BASIN**TORS RARE S-23  
43-047-35804**“Drilling Activity – Operated” 6-16-05**

- Patterson #51 – WRU EIH 16ML-23-8-22 drilling at 3,571 feet. PTD 10,769' MD. Next well SG 6ML-11-8-22. PTD 11,200' MD.
- Patterson #52 – GHU 1G-17-8-21 drilling at 910 feet. Grass roots G-1 Lime horizontal well. Kickoff point is 4949'. Next well WV 12G-10 horizontal.
- True #26 – WRU EIH 13ML-24-8-22 drilling at 10,205 feet. PTD 10,754' MD. Next well WRU EIH 14ML-24-8-22. PTD 10,383' MD.
- Caza #57 – GB 7M-28-8-21 drilling at 11,552 feet. PTD 12,850'. Next well EIH X 8MU-25-8-22. PTD 8,700'.

**“Completions & New Wells to Sales” 6-16-05:**

**FR 9P-36-14-19:** (100% WI) Flowing well (Dakota, Cedar Mtn., Morrison, Entrada, & Wingate) up tbg to sales; RU CTU and drilled out final plug last Sat.; currently making 5.1 Mmcfpd @ 642 psi FTP & 1275 psi CP on a 23/64" & 25/64" choke w/ 93 BWPD & 8 BOPD.

**GB 3M-27-8-21:** (77.5% WI) Well went to sales Weds. May 25<sup>th</sup>; tied into HP line on Tues. May 31<sup>st</sup>; currently flowing to sales @ 1.22 mmcfpd @ 465 psi FTP and 1018 psi CP thru 2 units w/ wide-open chokes; w/ 240 BWPD & 20 BOPD.

**CWD 4ML-32-8-24:** (36.13% WI) 6 fracs pumped Tues./Weds.; well was flowing @ 825 psi FCP on a 24/64" w/ 30 BWPH; lubed in comp. BP and currently drilling plugs.

**EIH X 1MU-25-8-22:** (100% WI) Frac'ing today w/ BJ.

**WEEKLY OPERATIONS REPORT – June 16, 2005**

QEP

T085 RAZE S-23  
43-047-35-804**UINTA BASIN****“Drilling Activity – Operated” 6-16-05**

- Patterson #51 – WRU EIH 16ML-23-8-22 drilling at 3,571 feet. PTD 10,769' MD. Next well SG 6ML-11-8-22. PTD 11,200' MD.
- Patterson #52 – GHU 1G-17-8-21 drilling at 910 feet. Grass roots G-1 Lime horizontal well. Kickoff point is 4949'. Next well WV 12G-10 horizontal.
- True #26 – WRU EIH 13ML-24-8-22 drilling at 10,205 feet. PBTB 10,754' MD. Next well WRU EIH 14ML-24-8-22. PTD 10,383' MD.
- Caza #57 – GB 7M-28-8-21 drilling at 11,552 feet. PTD 12,850'. Next well EIHX 8MU-25-8-22. PBTB 8,700'.

**“Completions & New Wells to Sales” 6-16-05:**

**FR 9P-36-14-19:** (100% WI) Flowing well (Dakota, Cedar Mtn., Morrison, Entrada, & Wingate) up tbg to sales; RU CTU and drilled out final plug last Sat.; currently making 5.1 Mmcfpd @ 642 psi FTP & 1275 psi CP on a 23/64" & 25/64" choke w/ 93 BWPB & 8 BOPD.

**GB 3M-27-8-21:** (77.5% WI) Well went to sales Weds. May 25<sup>th</sup>; tied into HP line on Tues. May 31<sup>st</sup>; currently flowing to sales @ 1.22 mmcfpd @ 465 psi FTP and 1018 psi CP thru 2 units w/ wide-open chokes; w/ 240 BWPB & 20 BOPD.

**CWD 4ML-32-8-24:** (36.13% WI) 6 fracs pumped Tues./Weds.; well was flowing @ 825 psi FCP on a 24/64" w/ 30 BWPB; lubed in comp. BP and currently drilling plugs.

**EIHX 1MU-25-8-22:** (100% WI) Frac'ing today w/ BJ.

## WEEKLY OPERATIONS REPORT – June 30, 2005

QEP

### UINTA BASIN

TOBS RARE S-23  
43-049-35804

#### “Drilling Activity – Operated” 6-23-05

- Patterson #51 – WRU EIH 16ML-23-8-22 drilling at 8,092 feet. PTD 10,769’ MD. Next well SG 6ML-11-8-22. PTD 11,200’ MD.
- Patterson #52 – GHU 1G-17-8-21 horizontally drilling at 5,610 feet in zone. Drill one 3500’ G-1 lateral. Next well WV 12G-10 horizontal.
- True #26 – WRU EIH 14ML-24-8-22 directionally drilling at 6,675 feet. PBTD 10,383’ MD. Next rig is to be loaned out to Wexpro for 3 months.
- Caza #57 – EIH 8MU-25-8-22 finish rigging up and spud today. PBTD 8,700’. Next well EIH 16MU-25-8-22. PTD 8,700’.

#### “Completions & New Wells to Sales” 6-30-05:

**FR 9P-36-14-19:** (100% WI) Flowing well (Dakota, Cedar Mtn., Morrison, Entrada, & Wingate) up tbg to sales. Planning to open up annulus to sales, but was curtailed to 3 mmcfpd. Currently producing 3.87 mmcfpd w/ 388 psi FTP, 1028 psi CP, 280 psi line pressure.

**GB 5M-9-8-22:** (77.5% WI) Perforated Mancos from 12,726’ to 13,034’. Scheduled to frac tomorrow.

**RWU 12-35B:** (100% WI) To sales 6/25/05. Currently producing 2.75 BOPD & 21 BWPD.

**WRU EIH 12ML-24-8-22:** To sales 6/24/05. Currently producing 1.152 mmcfpd @ 685 psi FTP & 990 psi CP w/ 103 BWPD & 15 BOPD on a 21/64” ck.

**BSW 11MU-12-9-24:** Tubing landed, currently flow testing. Expected pipeline completion date July 12<sup>th</sup>. Currently flowing 10 bph @ 25 psi FTP & 25 psi CP on a 2” ck.

## WEEKLY OPERATIONS REPORT – July 7, 2005

*QEP*

### UINTA BASIN

*TOBS R22E S-23  
43-049-35804*

#### “Drilling Activity – Operated” 7-7-05

- Patterson #51 – WRU EIH 16ML-23-8-22 drilling at 10,727 feet. PBTB extended to 10,900' MD. Next well SG 6ML-11-8-22. PTD 11,200'.
- Patterson #52 – GHU 1G-17-8-21 horizontally drilling at 6,455 feet in zone. Drill one 3500' G-1 lateral. Next well EIH 4MU-36-8-21. PBT 8,200'.
- True #26 – WRU EIH 14ML-24-8-22 drilling at 9,751 feet. PBTB 10,383' MD. Next rig is to be loaned out to Wexpro for 3 months.
- Caza #57 – EIH 8MU-25-8-22 drilling at 7818'. PBTB 8,700'. Next well EIH 16MU-25-8-22. PTD 8,700'.

#### “Completions & New Wells to Sales” 7-8-05:

**FR 9P-36-14-19:** (100% WI) Flowing well (Dakota, Cedar Mtn., Morrison, Entrada, & Wingate) up tbg to sales. Curtailed to 3 mmcfpd. Currently producing 2.9 mmcfpd w/ 950 psi FTP, 1200 psi CP, 900 psi line pressure.

**GB 5M-9-8-22:** (77.5% WI) Mancos B to sales 7-9-05. Tested at 175 psi on 32/64" choke, 1.2 mmcfpd. Will sell until horsepower available for next frac (expected 7-18-05).

**WRU EIH 11ML-24-8-22:** (43.75% WI) To sales 7-9-05. 4284 BLLTR.

## WEEKLY OPERATIONS REPORT – August 18, 2005

QEP

UINTA BASIN

TOBS R2AES-23  
43-047-35804

### “Drilling Activity – Operated” 8-18-05

- Patterson #51 – rig windowed out to Dominion for approximately 60-70 days.
- Caza #57 – rigging up on the Robbers Gulch #2 south of Wamsutter, WY.
- True 32 – WF 1P-1-15-19 drilling at 2,059 feet with aerated KCL water. PBTB 12,850'. Next well FR 1P-36-14-19. PBTB 13,000'.

### “Completions & New Wells to Sales” 8-18-05:

**FR 9P-36-14-19:** (100% WI) Flowing well (Dakota, Cedar Mtn., Morrison, Entrada, & Wingate) to sales. Currently producing 2.565 mmcfpd w/ 822 psi FTP & 823 psi FCP; 33 BW & 6 BO. Curtailed due to QPC work.

**GB 7M-28-8-21:** (77.5% WI) Went to sales 8-9-05; currently flowing @ 2.783 mmcfpd @ 737 psi FCP on a 24/64” ck. w/ 375 BWPD & 3 BOPD (4313 BLLTR).

**WRU EIH 15ML-23-8-22:** (43.75% WI) Went to sales late on 8-11-05. Currently SI due to completion work on 16ML-23.

**WRU EIH 13ML-24-8-22:** (43.75% WI) Turn to sales late 8/18/05.

**WRU EIH 16ML-23-8-22:** (43.75% WI) Finish frac'ing 8/18/05



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-43917**

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

7. If Unit or CA, Agreement Designation  
**WHITE RIVER UNIT**

8. Well Name and No.  
**WRU EIH 16ML-23-8-22**

9. API Well No.  
**43-047-35804**

10. Field and Pool, or Exploratory Area  
**NATURAL BUTTES**

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

**SUBMIT IN TRIPLICATE**

1. Type of Well  
Oil  Gas   
Well  Well  Other

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

3. Address and Telephone No  
**11002 E. 17500 S. VERNAL, UT 84078-8526**  
**Contact: mike.stahl@questar.com**  
**435.781.4389 Fax 435.781.4329**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
**SURFACE Sec 23, T8S, R22E SWSE - 497' FSL, 2539' FEL**  
**BOTTOMHOLE Sec 23, T8S, R22E SESE - 572' FSL, 607' FEL**

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

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

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

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

**"In compliance with the stated objectives of the Federal Regulations for Onshore Oil & Gas Operations and the applicable Federal Unit Agreement, Questar Exploration and Production Company hereby requests the commingling of production between intervals in the WRU EIH 15ML-23-8-22. 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. The proposed method to determine the allocation of production between the intervals is described below:**

**1 - Five Wasatch zones located at 6668'-7920' and thirteen Mesa Verde zones located at 8288'-10,702' will be placed on production for a minimum of 90 days to stabilize production. At that time a gas sample will be taken and analyzed to serve as a baseline. See attached perforation detail sheet.**

**2 - The initial allocation is being estimated from the net pay of the Mesa Verde and Wasatch formations. That allocation would be:**  
**Mesa Verde Production: 38% - for 35' of net pay**  
**Wasatch Production: 62% - for 56' of net pay**

**3 - After the well is stabilized a production survey will be run across all of the zones to determine the allocation of produced gas from the Mesa Verde and the Wasatch.**

**4 - If the production survey demonstrates that the allocation rates are different by more than 2% from the estimated allocation, the OGOR Report will be amended to reflect those changes.**

**5 - 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.**

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

**AUG 23 2005**

14. I hereby certify that the foregoing is true and correct.  
Signed Mike Stahl Title Engineer Date 8/19/05

(This space for Federal or State office use)

Approved by:

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.

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

Federal Approval Of This  
Action Is Necessary

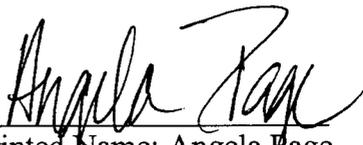
9/13/05  
BY: [Signature]

AFFIDAVIT OF NOTICE

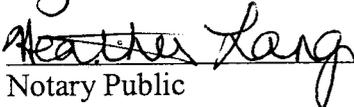
STATE OF COLORADO )  
COUNTY OF DENVER ) ss:

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 WRU EIH 16ML-23-8-22 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 8<sup>th</sup> day of August, 2005.

  
Printed Name: Angela Page

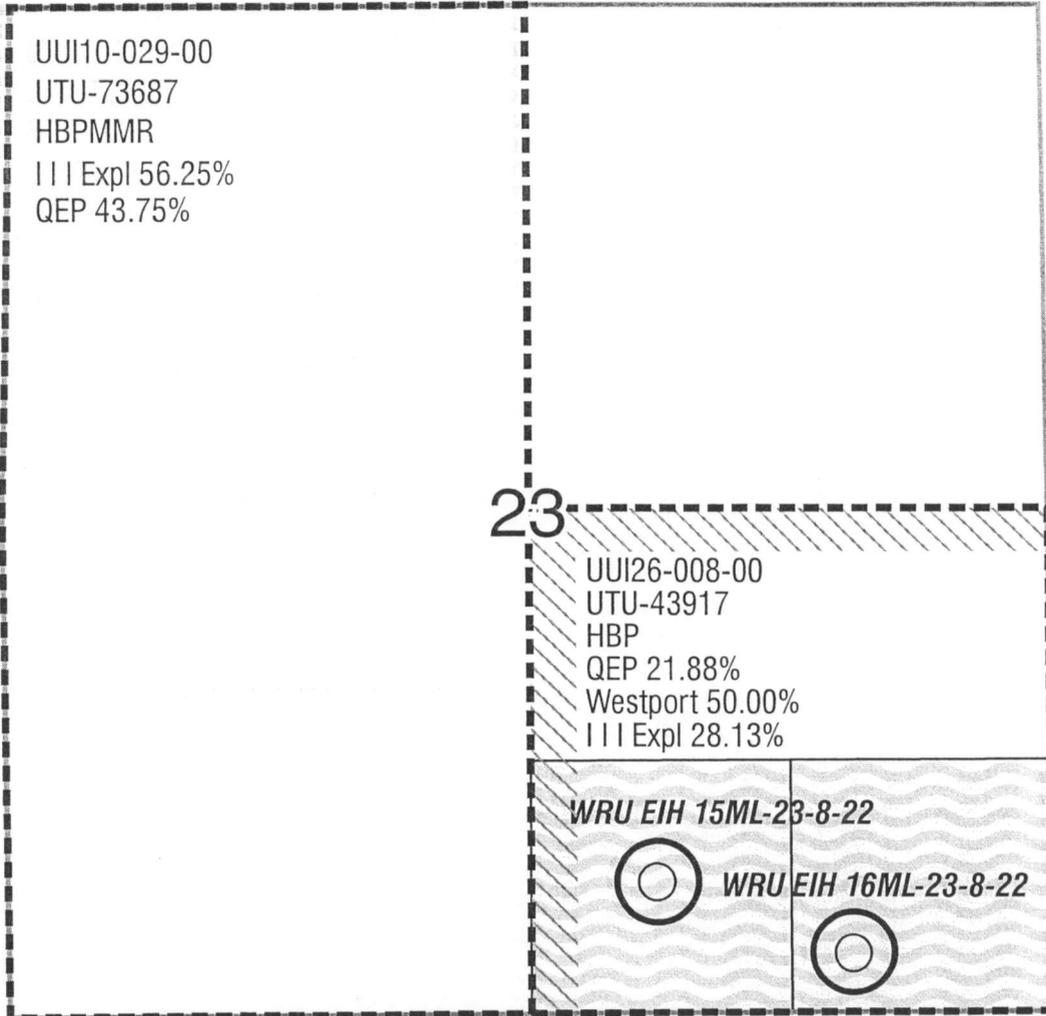
The foregoing instrument was sworn to and subscribed before me this 8<sup>th</sup> day of August, 2005, by Angela Page

  
Notary Public

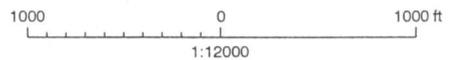
My Commission Expires 07/08/2008



CONFIDENTIAL



**Sec 23, T8S-R22E**



40-acre pool



Commingled well



White River Unit boundary



Lease line

**Tw/Kmv  
 COMMINGLED PRODUCTION**

Uinta Basin—Uintah County, Utah

**Well: WRU EIH 15ML-23-8-22  
 WRU EIH 16ML-23-8-22  
 Lease: UTU-43917**

**QUESTAR**  
 Exploration and  
 Production

1050 17th St., # 500 Denver, CO 80265

Geologist: JD Herman

Engineer:

Date: August 2, 2005

Landman: Angela Page

Technician:

05722\Maps\Utah maps\Comm 2005\23822.cdr

## WEEKLY OPERATIONS REPORT – August 25, 2005

QEP

### UINTA BASIN

T08S R22E S23  
43-047-35804

#### “Drilling Activity – Operated” 8-25-05

- True 32 – WF 1P-1-15-19 currently waiting on cement. Drilled to intermediate casing point, 4,425', logged, ran 9-5/8" casing and cemented. PBTD 12,850'. Next well FR 1P-36-14-19. PBTD 13,000'.

#### “Completions & New Wells to Sales” 8-26-05:

**FR 9P-36-14-19:** (100% WI) Flowing well (Dakota, Cedar Mtn., Morrison, Entrada, & Wingate) to sales. Currently producing 3.753 mmcfpd w/ 442 psi FTP & 458 psi FCP.

**GB 7M-28-8-21:** (77.5% WI) Went to sales 8-9-05; currently flowing @ 1.461 mmcfpd @ 599 psi FCP on a 24/64" ck. w/ 260 BWPD & 5 BOPD (1885 BLLTR).

**WRU EIH 16ML-23-8-22:** (43.75% WI) Went to sales 8-23-05. Currently flowing 553 mcfpd on 18/64" choke, 1464 psi FTP, 1908 psi CP, 12 BOPD, 174 BWPD, 3529 BLLTR.

**WRU EIH 13ML-24-8-22:** (43.75% WI) Turn to sales late 8/18/05. Currently 1057 mcfpd on 23/64" ck, 379 psi FTP, 700 psi CP, 28 BOPD, 130 BWPD, 3469 BLLTR.

**EIHX 8MU-25-8-22:** (100% WI) Turn to sales 8-26-05, 3065 BLLTR.

**EIHX 2MU-36-8-22:** (100% WI) Turn to sales 8-26-05, 1375 BLLTR.

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

SUBMIT IN DUPLICATE  
(See instructions on reverse side)

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

- 5. LEASE DESIGNATION AND SERIAL NO.  
**UTU-43917**
- 6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
**N/A**
- 7. UNIT AGREEMENT NAME  
**WHITE RIVER UNIT**
- 8. FARM OR LEASE NAME  
**N/A**
- 9. WELL NO.  
**WRU EIH 16ML 23 8 22**
- 10. FIELD AND POOL, OR WILDCAT  
**NATURAL BUTTES**
- 11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA  
**S23-T8S-R22E**

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG \***

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

2. NAME OF OPERATOR  
**QEP UINTA BASIN, INC.**

3. ADDRESS OF OPERATOR  
**11002 E. 17500 S. VERNAL, UT 84078-8526 435-781-4342**

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*  
 At surface **497' FSL, 2539' FEL - SWSE - S23-T8S-R22E**  
 At top rod. interval reported below **603 FSL 1492 FEL P3TD**  
 At total depth **602 1491 660' FSL, 660' FEL - SESE - S23-T8S-R22E**

14. PERMIT NO. **43-047-35804** DATE ISSUED \_\_\_\_\_  
 COUNTY OR PARISH **UINTAH** STATE **UTAH**

15. DATE SPUDDED **4/14/2005** 16. DATE T.D. REACHED **7/8/2005** 17. DATE COMPL. (Ready to prod.) **8/23/2005** 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\* **KB** 19. ELEV. CASINGHEAD \_\_\_\_\_

20. TOTAL DEPTH, MD & TVD **MD 10,900' TVD 10,535'** 21. PLUG BACK T.D., MD & TVD **TVD 10,499' 10,862' MD** 22. IF MULTIPLE COMPL., HOW MANY\* \_\_\_\_\_ 23. INTERVALS DRILLED BY \_\_\_\_\_ ROTARY TOOLS \_\_\_\_\_ CABLE TOOLS \_\_\_\_\_

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\*  
**SEE ATTACHMENT PG 1**

25. WAS DIRECTIONAL SURVEY MADE **YES** 27. WAS WELL CORED **NO**

26. TYPE ELECTRIC AND OTHER LOGS RUN  
**TRAC CBL, AIT W/LC/GR, TDD/CML/GR, FELT/C/L/GR**

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#	716'	12-1/4"	450 SXS	
7"	26#	6377'	8-3/4"	645 SXS	
4-1/2"	11.6#	10,900'	7-7/8"	700 SXS	

LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-3/8"	6,547'	

31. PERFORATION RECORD (Interval, size and number)  
**SEE ATTACHMENT PAGE 1**

ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
<b>SEE ATTACHMENT PG 1</b>	<b>SEE ATTACHMENT PG 1</b>

33.\* PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)  
**FLOWING**

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
<b>8/23/2005</b>	<b>24</b>	<b>18</b>	<b>→</b>	<b>12</b>	<b>553</b>	<b>174</b>	

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF	WATER—BBL.	OIL GRAVITY-API (CORR.)
<b>1464</b>	<b>1908</b>	<b>→</b>				

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

35. LIST OF ATTACHMENTS  
**ATTACHMENT PAGE 1 - PERFORATION DETAIL**

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 **10/19/2005**

**RECEIVED**  
**NOV 01 2005**

DIV. OF OIL, GAS & MINING

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

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

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
UINTA	SURFACE		
GREEN RIVER	2538'		
MAHOGANY	3217'		
WASATCH	5777'		
MESA VERDE	8388'		
SEGO	10657'		
TD	10900'		

38. GEOLOGIC MARKERS  
WRU EIH 16ML 23 8 22

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
UINTA	SURFACE	
GREEN RIVER	2538'	
MAHOGANY	3217'	
WASATCH	5777'	
MESA VERDE	8388'	
SEGO	10657'	
TD	10900'	

**CONFIDENTIAL**

**WRU EIH 16ML 23 8 22 – ATTACHMENT PAGE 1**  
**PERFORATION DETAIL:**

<u>Open Perfs</u>	<u>Stimulation</u>	<u>Zone</u>
6664' – 6668' 6850' – 6856' 6868' – 6874'	Frac w/ 125,000 Lbs in	47,628 Gals Open – Wasatch
7785' – 7793' 7909' – 7917'	Frac w/ 50,000 Lbs in	24,318 Gals Open – Wasatch
8286' – 8290' 8358' – 8362' 8384' – 8392'	Frac w/ 86,200 Lbs in	48,552 Gals Open – Mesa Verde
8594' – 8606'	Frac w/ 48,000 Lbs in	44,604 Gals Open – Mesa Verde
9057' – 9071'	Frac w/ 8,850 Lbs in	23,772 Gals Open – LMV Screened Out
9778' – 9782' 9836' – 9840' 9866' – 9870' 10014' – 10018'	Frac w/ 15,000 Lbs in	21,042 Gals Open – LMV Screened Out
10620' – 10624' 10634' – 10638' 10686' – 10690' 10698' – 10702'	Frac w/ 60,000 Lbs in	33,138 Gals Open – Segoo



### Geostar E & P Deviation Summary

Well Name: WRU EI1 16ML-23-8-22

Location: 23- 8-S 22-E 26

TMD: 10,704.0 (ft)

TVD: 10,339.51 (ft)

DTF # V.S. ADIT

Closure Distance: 1,069.2 (ft)

Closure Direction: 83.88 (°)

Spud Date: 4/14/2005

OH 162.00

Calculation Method: Minimum Curvature

ST #	TMD (ft)	Angle (°)	Azimuth (°)	CTM	TVD (ft)	NAS (ft)	EAW (ft)	Vert. Section (ft)	DLS (ft/1000)	BUR (ft/1000)	Type
OH	1,282.0	12.57	80.90	YNN	0.00	0.00	0.00	0.00	0.00	0.00	
OH	1,314.0	12.93	81.17	YNN	31.21	1.10	6.98	1.11	1.14	1.13	
OH	1,345.0	14.33	81.08	YNN	61.34	2.23	14.19	2.27	4.52	4.52	
OH	1,376.0	15.20	80.55	YNN	91.31	3.49	21.99	3.48	2.84	2.81	
OH	1,409.0	15.56	80.03	YNN	123.13	4.97	30.62	4.74	1.17	1.09	
OH	1,441.0	16.80	80.03	YNN	153.86	6.51	39.40	5.98	3.88	3.88	
OH	1,473.0	17.67	79.85	YNN	184.43	8.17	48.74	7.29	2.72	2.72	
OH	1,505.0	18.11	78.88	YNN	214.88	9.98	58.40	8.55	1.66	1.38	
OH	1,537.0	18.99	79.24	YNN	245.22	11.91	68.39	9.80	2.77	2.75	
OH	1,569.0	19.99	79.24	YNN	275.38	13.91	78.88	11.15	3.13	3.13	
OH	1,601.0	19.87	79.67	YNN	305.47	15.90	89.60	12.57	0.59	-0.38	
OH	1,633.0	20.66	80.11	YNN	335.48	17.85	100.52	14.09	2.51	2.47	
OH	1,761.0	23.39	79.59	YNN	454.13	26.32	147.76	20.63	2.14	2.13	
OH	1,825.0	23.57	79.06	YNN	512.83	31.04	172.82	23.88	0.43	0.28	
OH	1,890.0	23.30	80.20	YNN	572.47	35.70	198.24	27.31	0.81	-0.42	
OH	1,966.0	22.86	78.62	YNN	660.79	42.61	235.23	32.17	0.79	-0.46	
OH	2,082.0	23.04	80.20	YNN	749.19	49.48	272.03	37.00	0.67	0.19	
OH	2,178.0	24.53	81.87	YNN	837.03	55.50	310.27	43.09	1.70	1.55	
OH	2,210.0	24.18	80.82	YNN	866.19	57.49	323.32	45.24	1.74	-1.09	
OH	2,274.0	24.09	82.57	YNN	924.59	61.27	349.21	49.64	1.13	-0.14	
OH	2,306.0	23.74	82.75	YNN	953.85	62.92	362.07	52.04	1.12	-1.09	MWD
OH	2,338.0	23.92	81.34	NYN	2,260.95	64.71	374.88	64.71	1.87	0.56	MWD
OH	2,370.0	24.27	79.94	NYN	1,012.33	66.84	387.77	66.84	2.09	1.09	MWD
OH	2,400.0	24.27	79.06	NYN	1,042.41	69.31	401.10	69.31	1.10	0.00	MWD
OH	2,435.0	24.18	78.71	NYN	1,071.60	71.84	413.99	71.84	0.53	-0.28	MWD
OH	2,467.0	23.92	79.06	NYN	1,100.82	74.36	426.78	74.36	0.93	-0.81	MWD
OH	2,499.0	23.83	76.69	NYN	1,130.08	77.08	439.44	77.08	3.01	-0.28	MWD
OH	2,531.0	24.27	75.63	NYN	1,159.30	80.20	452.10	80.20	1.93	1.38	MWD
OH	2,563.0	24.62	77.92	NYN	1,188.43	83.22	464.99	83.22	3.16	1.09	MWD
OH	2,595.0	25.06	79.32	NYN	1,217.47	85.87	478.17	85.87	2.30	1.38	MWD
OH	2,627.0	25.24	80.47	NYN	1,246.44	88.26	491.56	88.26	1.63	0.54	MWD
OH	2,659.0	24.80	82.22	NYN	1,275.44	90.30	504.94	90.30	2.69	-1.38	MWD
OH	2,691.0	25.15	81.26	NYN	1,304.45	92.24	518.31	92.24	1.67	1.09	MWD

RECEIVED

11-11-2005

OFFICE OF OIL, GAS & MINING

RECEIVED  
DEC 21 2005

DIV. OF OIL, GAS & MIN.

Questar E & P  
Deviation Summary

Well Name: WRU EIH 16ML-23-8-22

TMD: 10,704.0 (ft)

TVD: 10,339.51 (ft)

Location: 23-8-S 22-E 26

SYS

V.S. AZIM

Closure Distance: 1,069.2 (ft)

Closure Direction: 83.88 (°)

Spud Date: 4/14/2005

OH

162.00

Calculation Method: Minimum Curvature

DEPTH (ft)	TMD (ft)	Angle (°)	Azimuth (°)	CTM	TVD (ft)	N-S (°)	E-W (ft)	Vert. Section (ft)	DLS (ft)	CUR (ft)	Type
OH	2,723.0	25.59	80.99	NYN	2,611.19	94.35	531.85	94.35	1.42	1.38	MWD
OH	2,789.0	26.10	81.10	NYN	2,670.59	98.83	560.28	98.83	0.78	0.77	MWD
OH	2,819.0	25.24	81.34	NYN	2,697.63	100.82	573.12	100.82	2.89	-2.87	MWD
OH	2,851.0	25.24	81.87	NYN	2,726.57	102.81	586.62	102.81	0.71	0.00	MWD
OH	2,884.0	24.00	81.70	NYN	2,756.57	104.77	600.22	104.77	3.76	-3.76	MWD
OH	2,916.0	22.95	81.70	NYN	2,785.92	106.61	612.84	106.61	3.28	-3.28	MWD
OH	2,948.0	22.07	80.73	NYN	2,815.48	108.48	624.94	108.48	2.98	-2.75	MWD
OH	2,980.0	21.63	79.94	NYN	2,845.19	110.48	636.69	110.48	1.65	-1.38	MWD
OH	3,012.0	22.10	81.80	NYN	2,874.88	112.37	648.45	112.37	2.62	1.47	MWD
OH	3,044.0	22.20	81.70	NYN	2,904.52	114.10	660.39	114.10	0.33	0.31	MWD
OH	3,076.0	22.20	80.90	NYN	2,934.15	115.93	672.34	115.93	0.94	0.00	MWD
OH	3,108.0	22.50	80.60	NYN	2,963.75	117.89	684.35	117.89	1.00	0.94	MWD
OH	3,141.0	22.42	80.80	NYN	2,994.24	119.92	696.79	119.92	0.34	-0.24	MWD
OH	3,173.0	22.20	82.80	NYN	3,023.85	121.66	708.82	121.66	2.47	-0.69	MWD
OH	3,205.0	21.98	81.96	NYN	3,053.50	123.25	720.74	123.25	1.20	-0.69	MWD
OH	3,237.0	21.81	82.57	NYN	3,083.19	124.86	732.57	124.86	0.89	-0.53	MWD
OH	3,269.0	21.90	82.90	NYN	3,112.89	126.36	744.38	126.36	0.48	0.28	MWD
OH	3,301.0	21.81	82.93	NYN	0.00	0.00	0.00	0.00	0.00	0.00	MWD
OH	3,333.0	22.30	82.70	NYN	3,172.00	1.50	11.92	1.50	1.55	1.53	MWD
OH	3,365.0	22.80	82.80	YNN	3,201.55	3.05	24.09	4.54	1.57	1.56	MWD
OH	3,397.0	22.42	83.01	YNN	3,231.09	4.57	36.30	6.87	1.21	-1.19	MWD
OH	3,429.0	22.00	81.40	YNN	3,260.72	6.21	48.29	9.02	2.31	-1.31	MWD
OH	3,461.0	22.16	81.51	YNN	3,290.37	8.00	60.18	10.99	0.52	0.50	MWD
OH	3,493.0	22.30	81.40	YNN	3,319.99	9.80	72.15	12.98	0.46	0.44	MWD
OH	3,557.0	22.34	81.17	YNN	3,379.20	13.48	96.18	16.90	0.15	0.06	MWD
OH	3,589.0	21.90	82.60	YNN	3,408.84	15.18	108.11	18.97	2.17	-1.38	MWD
OH	3,621.0	23.65	81.78	YNN	3,438.35	16.87	120.38	21.16	5.56	5.47	MWD
OH	3,654.0	24.89	82.10	YNN	3,468.43	18.77	133.81	23.50	3.78	3.76	MWD
OH	3,686.0	24.90	83.00	YNN	3,497.46	20.52	147.17	25.97	1.18	0.08	MWD
OH	3,717.0	24.40	81.50	YNN	3,525.63	22.26	159.98	28.27	2.58	-1.61	MWD
OH	3,750.0	23.83	81.70	YNN	3,555.75	24.23	173.31	30.52	1.74	-1.73	MWD
OH	3,782.0	23.30	80.55	YNN	3,585.08	26.20	185.95	32.55	2.19	-1.66	MWD
OH	3,814.0	23.00	81.00	YNN	3,614.51	28.22	198.37	34.46	1.09	-0.94	MWD

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Deviation Summary

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Well Name: WRU EIH 16ML-23-8-22 Location: 23-8-S 22-E 26  
 TMD: 10,704.0 (ft) TVD: 10,339.51 (ft) Spud Date: 4/14/2005  
 Closure Distance: 1,069.2 (ft) Closure Direction: 83.88 (°) Calculation Method: Minimum Curvature

SPT# 0H  
 V.E. AZI (°) 162.00

SPT #	TMD (ft)	Angle (°)	Azimuth (°)	CTM	TVD (ft)	N-S (ft)	E-W (ft)	Vert. Section (ft)	DLS (1/1000)	BUR (in/1000)	Type
OH	3,846.0	22.33	80.90	NYN	3,644.04	30.16	210.55	36.38	2.10	-2.09	MWD
OH	3,878.0	22.95	81.07	NYN	3,673.57	32.09	222.71	38.31	1.95	1.94	MWD
OH	3,911.0	22.60	80.60	NYN	3,704.00	34.12	235.33	40.27	1.20	-1.06	MWD
OH	3,943.0	22.86	80.03	NYN	3,733.51	36.20	247.51	42.06	1.06	0.81	MWD
OH	3,975.0	22.50	79.50	NYN	3,763.04	38.39	259.66	43.72	1.29	-1.13	MWD
OH	4,007.0	23.10	78.90	NYN	3,792.54	40.72	271.84	45.28	2.01	1.88	MWD
OH	4,039.0	24.10	78.50	NYN	3,821.86	43.23	284.40	46.77	3.16	3.13	MWD
OH	4,076.0	23.50	78.30	NYN	3,855.71	46.23	299.08	48.44	1.64	-1.62	MWD
OH	4,103.0	22.60	78.18	NYN	3,880.56	48.38	309.37	49.59	3.34	-3.33	MWD
OH	4,135.0	22.80	80.10	NYN	3,910.08	50.71	321.50	51.12	2.40	0.63	MWD
OH	4,232.0	23.90	82.10	YNN	3,999.14	56.64	359.48	57.22	1.40	1.13	MWD
OH	4,264.0	22.20	81.10	YNN	4,028.58	58.47	371.87	59.31	5.45	-5.31	MWD
OH	4,296.0	22.40	80.90	YNN	4,058.19	60.37	383.87	61.21	0.67	0.63	MWD
OH	4,328.0	23.00	80.80	YNN	4,087.71	62.33	396.06	63.11	1.88	1.88	MWD
OH	4,360.0	24.40	80.70	NYN	4,117.01	64.40	408.75	65.06	4.38	4.38	MWD
OH	4,392.0	24.70	80.84	NYN	4,146.11	66.53	421.88	67.09	0.95	0.94	MWD
OH	4,425.0	23.50	80.60	NYN	4,176.24	68.70	435.18	69.13	3.65	-3.64	MWD
OH	4,457.0	23.50	80.20	NYN	4,205.58	70.83	447.76	71.00	0.50	0.00	MWD
OH	4,489.0	23.70	80.20	NYN	4,234.91	73.01	460.38	72.83	0.63	0.63	MWD
OH	4,521.0	24.10	80.40	NYN	4,264.16	75.20	473.16	74.70	1.28	1.25	MWD
OH	4,553.0	24.70	80.00	NYN	4,293.31	77.45	486.19	76.58	1.94	1.88	MWD
OH	4,585.0	24.89	79.41	NYN	4,322.36	79.85	499.39	78.38	0.97	0.59	MWD
OH	4,617.0	24.40	78.70	NYN	4,351.44	82.38	512.49	80.02	1.79	-1.53	MWD
OH	4,649.0	24.70	79.90	NYN	4,380.55	84.85	525.56	81.71	1.82	0.94	MWD
OH	4,681.0	24.20	80.40	NYN	4,409.68	87.11	538.60	83.59	1.69	-1.56	MWD
OH	4,713.0	23.20	79.60	NYN	4,438.98	89.34	551.27	85.38	3.28	-3.13	MWD
OH	4,745.0	23.40	79.40	NYN	4,468.37	91.65	563.72	87.03	0.67	0.63	MWD
OH	4,810.0	23.00	80.10	NYN	4,528.11	96.21	588.91	90.48	0.75	-0.62	MWD
OH	4,842.0	21.70	79.10	NYN	4,557.71	98.40	600.88	92.10	4.23	-4.06	MWD
OH	4,874.0	21.50	80.30	NYN	4,587.46	100.51	612.47	93.67	1.52	-0.63	MWD
OH	4,906.0	22.00	81.30	NYN	4,617.18	102.40	624.18	95.49	1.94	1.56	MWD
OH	4,938.0	22.50	81.50	NYN	4,646.80	104.22	636.16	97.47	1.58	1.56	MWD
OH	4,970.0	22.70	80.30	NYN	4,676.34	106.16	648.30	99.37	1.57	0.63	MWD

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 Deviation Summary

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Well Name: WRU BIH 16ML-23-8-22 Location: 23-8-S 22-E 26  
 TMD: 10,704.0 (ft) TVD: 10,339.51 (ft) STA V.S. AZI (°)  
 Closure Distance: 1,069.2 (ft) Closure Direction: 83.88 (°) OH 162.00  
 Calculation Method: Minimum Curvature

ST #	TMD (ft)	Angle (°)	Azimuth (°)	CTM	TVD (ft)	N-S (ft)	E-W (ft)	Vert. Section (ft)	CLS (ft/100)	BUM (ft/100)	Type
OH	5,002.0	23.60	80.50	NYN	4,705.77	108.26	660.70	101.21	2.82	2.81	MWD
OH	5,034.0	24.40	80.80	NYN	4,735.00	110.37	673.55	103.17	2.53	2.50	MWD
OH	5,066.0	24.20	80.00	NYN	4,764.16	112.57	686.53	105.09	1.20	-0.63	MWD
OH	5,098.0	24.30	79.60	NYN	4,793.34	114.90	699.47	106.87	0.60	0.31	MWD
OH	5,130.0	24.00	79.10	NYN	4,822.54	117.32	712.33	108.55	1.13	-0.94	MWD
OH	5,195.0	25.59	80.29	YNN	4,881.55	122.18	739.15	112.21	2.56	2.45	
OH	5,227.0	25.50	81.08	YNN	4,910.42	124.42	752.77	114.29	1.10	-0.28	
OH	5,259.0	26.03	80.53	YNN	4,939.24	126.64	766.30	116.42	1.81	1.66	
OH	5,291.0	26.12	80.99	YNN	4,967.98	128.89	780.38	118.57	0.67	0.28	
OH	5,323.0	25.68	81.78	YNN	4,996.77	130.99	794.20	120.84	1.75	-1.38	
OH	5,354.0	24.27	82.49	YNN	5,024.87	132.78	807.17	123.15	4.65	-4.55	
OH	5,386.0	23.13	82.75	YNN	5,054.17	134.43	819.92	125.52	3.58	-3.56	
OH	5,418.0	22.95	83.19	YNN	5,083.62	135.97	832.35	127.90	0.78	-0.56	
OH	5,457.0	22.95	83.19	YNN	5,119.33	137.77	847.45	130.85	0.00	0.00	
OH	5,489.0	22.60	81.78	YNN	5,149.03	139.39	859.73	133.11	2.03	-1.09	
OH	5,521.0	21.02	81.70	YNN	5,178.74	141.10	871.50	135.12	4.94	-4.94	
OH	5,553.0	20.30	81.52	YNN	5,208.68	142.74	882.67	137.00	2.26	-2.25	
OH	5,585.0	19.70	81.96	YNN	5,238.75	144.32	893.30	138.85	1.93	-1.88	
OH	5,617.0	18.99	81.43	YNN	5,268.95	145.85	903.99	140.64	2.29	-2.22	
OH	5,647.0	18.20	81.52	YNN	5,297.38	147.26	913.45	142.21	2.64	-2.63	
OH	5,679.0	17.50	81.70	YNN	5,327.84	148.70	923.15	143.85	2.19	-2.19	
OH	5,711.0	16.62	81.43	YNN	5,358.43	150.07	932.44	145.41	2.76	-2.75	
OH	5,743.0	15.73	81.61	YNN	5,389.16	151.39	941.25	146.88	2.79	-2.78	
OH	5,776.0	15.04	82.40	YNN	5,420.98	152.61	949.92	148.40	2.19	-2.09	
OH	5,808.0	13.98	85.03	YNN	5,451.96	153.49	957.89	150.03	3.90	-3.31	
OH	5,840.0	12.84	85.21	YNN	5,483.09	154.12	965.28	151.71	3.56	-3.56	
OH	5,872.0	12.22	84.42	YNN	5,514.33	154.75	972.20	153.25	2.01	-1.94	
OH	5,903.0	10.99	83.72	YNN	5,544.69	155.39	978.40	154.56	3.99	-3.97	
OH	5,935.0	10.11	82.22	YNN	5,576.15	156.11	984.22	155.67	2.88	-2.75	
OH	5,999.0	8.62	79.85	YNN	5,639.30	157.71	994.50	157.33	2.40	-2.33	
OH	6,031.0	8.18	78.85	YNN	5,670.95	158.57	999.10	157.93	1.45	-1.38	
OH	6,063.0	7.47	78.36	YNN	5,702.65	159.43	1,003.37	158.43	2.23	-2.22	
OH	6,095.0	6.51	78.88	YNN	5,734.42	160.20	1,007.19	158.88	3.01	-3.00	

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Quarter E & P  
Deviation Summary

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Well Name: WRU EIH 16ML-23-8-22 Location: 23- 8-S 22-E 26  
 TMD: 10,704.0 (ft) TVD: 10,339.51 (ft) Spud Date: 4/14/2005  
 Closure Distance: 1,069.2 (ft) Closure Direction: 83.88 (°) Calculation Method: Minimum Curvature

SPT #	TMD (ft)	Angle (°)	Azimuth (°)	DTM	TVD (ft)	N-S (ft)	E-W (ft)	Vert. Section (ft)	DLS (ft/1000)	BLR (ft/1000)	Type
OH	6,127.0	6.07	79.67	YNN	5,766.22	160.86	1,010.63	159.32	1.40	-1.38	
OH	6,159.0	5.72	80.73	YNN	5,798.05	161.42	1,013.87	159.79	1.15	-1.09	
OH	6,191.0	5.19	82.31	YNN	5,829.91	161.87	1,016.88	160.29	1.72	-1.66	
OH	6,223.0	4.31	85.83	YNN	5,861.80	162.15	1,019.51	160.83	2.90	-2.75	
OH	6,255.0	3.34	88.46	YNN	5,893.73	162.26	1,021.64	161.39	3.08	-3.03	
OH	6,286.0	2.99	87.23	YNN	5,924.68	162.32	1,023.35	161.85	1.15	-1.13	
OH	6,319.0	2.64	89.17	YNN	5,957.64	162.38	1,024.97	162.30	1.10	-1.06	
OH	6,351.0	2.11	88.73	YNN	5,989.61	162.40	1,026.30	162.69	1.66	-1.66	
OH	6,383.0	1.67	91.98	YNN	6,021.60	162.40	1,027.35	163.02	1.41	-1.38	
OH	6,412.0	1.14	90.40	YNN	6,050.59	162.38	1,028.06	163.26	1.83	-1.83	
OH	6,457.0	0.33	90.40	YNN	6,095.58	162.38	1,028.64	163.44	1.80	-1.80	
OH	6,499.0	0.90	116.70	NYN	6,137.58	162.23	1,029.06	163.71	1.48	1.36	MWD
OH	6,596.0	0.97	116.15	NYN	6,234.57	161.52	1,030.47	164.82	0.07	0.07	MWD
OH	6,691.0	1.10	151.70	NYN	6,329.35	160.37	1,031.63	166.27	0.68	0.14	MWD
OH	6,787.0	1.20	143.50	NYN	6,425.53	158.75	1,032.66	168.13	0.20	0.10	MWD
OH	6,882.0	1.10	154.50	YNN	6,520.51	157.12	1,033.65	169.98	0.25	-0.11	MWD
OH	6,977.0	1.70	161.69	YNN	6,615.49	154.96	1,034.48	172.29	0.66	0.63	MWD
OH	7,072.0	1.80	160.50	YNN	6,710.44	152.22	1,035.42	175.19	0.11	0.11	MWD
OH	7,263.0	2.20	177.50	YNN	6,901.33	145.73	1,036.58	181.73	0.37	0.21	MWD
OH	7,359.0	2.50	181.50	YNN	6,997.25	141.79	1,036.61	185.47	0.36	0.31	MWD
OH	7,422.0	2.20	169.90	YNN	7,060.19	139.23	1,036.78	187.97	0.89	-0.48	MWD
OH	7,582.0	2.00	165.50	YNN	7,220.08	133.50	1,038.02	193.80	0.16	-0.13	MWD
OH	7,677.0	1.90	172.20	YNN	7,315.03	130.34	1,038.65	197.00	0.26	-0.11	MWD
OH	7,772.0	2.00	180.00	YNN	7,409.98	127.12	1,038.87	200.13	0.30	0.11	MWD
OH	7,868.0	2.20	180.40	YNN	7,505.91	123.60	1,038.85	203.47	0.21	0.21	MWD
OH	7,931.0	2.00	153.40	YNN	7,568.87	121.41	1,039.34	205.70	1.59	-0.32	MWD
OH	8,027.0	3.34	145.51	YNN	7,664.76	117.61	1,041.67	210.04	1.44	1.40	MWD
OH	8,090.0	2.64	148.51	YNN	7,727.68	114.86	1,043.47	213.21	1.14	-1.11	
OH	8,153.0	2.99	158.60	YNN	7,790.60	112.09	1,044.82	216.26	0.96	0.56	
OH	8,545.0	3.00	0.00	YNN	8,182.41	112.83	1,048.56	216.71	1.50	0.00	
OH	8,707.0	3.25	253.00	YNN	8,344.27	115.73	1,044.16	212.60	3.10	0.15	
OH	9,086.0	2.00	175.00	YNN	8,722.97	106.00	1,034.46	218.86	0.91	-0.33	
OH	9,565.0	2.75	118.00	YNN	9,201.61	92.27	1,045.34	235.27	0.49	0.16	

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### Quarter E & P Deviation Summary

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Well Name: WRU EIH 16ML-23-8-22      Location: 23- 8-S 22-E 26      BFF#      VS AD (')  
 TMD: 10,704.0 (ft)      TVD: 10,339.51 (ft)      Spud Date: 4/14/2005      OH      162.00  
 Closure Distance: 1,069.2 (ft)      Closure Direction: 83.88 (°)      Calculation Method: Minimum Curvature

B/T #	TMD (ft)	Angle (°)	Asympt (°)	CTM	EVD (ft)	M/S (ft)	EPN (ft)	Vert. Section (ft)	OLE (ft)	SLR (ft/100ft)	Type
OH	9,931.0	4.50	0.00	YNN	9,567.20	102.32	1,053.10	227.92	1.72	0.48	
OH	10,704.0	3.17	152.00	YNN	10,339.51	113.99	1,063.15	220.12	0.96	-0.17	

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To: Carol Daniels

From: Dahn Caldwell

7 Pages

Directional Survey

WRE E IH 16 ML 23-8-22

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

FORM 6

ENTITY ACTION FORM

Operator: QEP Uinta Basin, Inc. Operator Account Number: N 2460  
 Address: 11002 East 17500 South  
city Vernal  
state UT zip 84078 Phone Number: (435) 781-4342

Well 1

API Number	Well Name	QQ	Sec	Twp	Range	County
4304735804	WRU EIH 16ML 23 8 22	NWSW	23	8	22	Uintah
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date	
C	99999	12528	4/15/2005		1/5/06	
Comments: Bottom Location - SESE, 660' FSL, 660' FEL, Sec 23-T8S-R22E WSTC per unit						

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Well 2

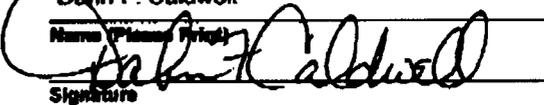
API Number	Well Name	QQ	Sec	Twp	Range	County
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date	
Comments:						

Well 3

API Number	Well Name	QQ	Sec	Twp	Range	County
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date	
Comments:						

ACTION CODES:

- 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)

Dahn F. Caldwell  
 Name (Please Print)  
  
 Signature  
 Office Administrator II. 1/5/2006  
 Title Date

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DIV. OF OIL, GAS & MINING

CONFIDENTIAL

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

**ROUTING**

1. DJJ
2. CDW

Change of Operator (Well Sold)

**X - Operator Name Change/Merger**

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

1/1/2007

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

**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 4/19/2007
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 4/16/2007
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 1/31/2005
- Is the new operator registered in the State of Utah: Business Number: 764611-0143
- (R649-9-2)Waste Management Plan has been received on: IN PLACE
- Inspections of LA PA state/fee well sites complete on: n/a
- Reports current for Production/Disposition & Sundries on: n/a
- Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM 4/23/2007 BIA
- Federal and Indian Units:**  
The BLM or BIA has approved the successor of unit operator for wells listed on: 4/23/2007
- Federal and Indian Communization Agreements ("CA"):**  
The BLM or BIA has approved the operator for all wells listed within a CA on: \_\_\_\_\_
- Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: \_\_\_\_\_

**DATA ENTRY:**

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

**BOND VERIFICATION:**

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

**LEASE INTEREST OWNER NOTIFICATION:**

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

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

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

QEP Uinta Basin (N2460) to QUESTAR E and P (N5085)  
WHITE RIVER 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
WHITE RIVER 31-4	WR 31-4	SWSE	04	080S	220E	4304715090	4915	Federal	WS	A
WRU 15-35-8-22	WRU EIH 15-35-8-22	SWSE	35	080S	220E	4304733061	12528	Federal	GW	P
E IRON HORSE 12W-35-8-22	WRU EIH 12W-35-8-22	NWSW	35	080S	220E	4304733393	12528	Federal	GW	P
WRU 13W-3-8-22	WR 13W-3-8-22	SWSW	03	080S	220E	4304733651	13544	Federal	GW	P
GB 6W-9-8-22	OU GB 6W-9-8-22	SENW	09	080S	220E	4304734010	13545	Federal	GW	P
E IRON HORSE 4W-35-8-22	WRU EIH 4W-35-8-22	NWNW	35	080S	220E	4304734042	12528	Federal	GW	P
E IRON HORSE 3W-35-8-22		NENW	35	080S	220E	4304734044	12528	Federal	GW	P
GB 4W-9-8-22	WRU GB 4WRG-9-8-22	NWNW	09	080S	220E	4304734208	4915	Federal	GW	DRL
WRU 13WX-35-8-22	WRU EIH 13WX-35-8-22	SWSW	35	080S	220E	4304734210	12528	Federal	GW	P
WRU EIH 5W-35-8-22	WRU EIH 5W-35-8-22	SWNW	35	080S	220E	4304734572	12528	Federal	GW	P
OU GB 14W-9-8-22	OU GB 14W-9-8-22	SESW	09	080S	220E	4304734649	13545	Federal	GW	P
WRU GB 9MU-9-8-22	WRU GB 9MU-9-8-22	NESE	09	080S	220E	4304734650	13545	Federal	GW	P
OU GB 10W-9-8-22	OU GB 10W-9-8-22	NWSE	09	080S	220E	4304734651	13545	Federal	GW	P
OU GB 12W-9-8-22	OU GB 12W-9-8-22	NWSW	09	080S	220E	4304734652	13712	Federal	GW	S
OU GB 15W-9-8-22	OU GB 15W-9-8-22	SWSE	09	080S	220E	4304734678	13545	Federal	GW	P
OU GB 16W-9-8-22	OU GB 16W-9-8-22	SESE	09	080S	220E	4304734679	13545	Federal	GW	P
WRU EIH 6W-35-8-22	WRU EIH 6W-35-8-22	SENW	35	080S	220E	4304734684	12528	Federal	GW	P
GB 11ML-10-8-22	GB 11ML-10-8-22	NESW	10	080S	220E	4304734691	14818	Federal	GW	P
WRU EIH 11W-35-8-22	WRU EIH 11W-35-8-22	NESW	35	080S	220E	4304734708	12528	Federal	GW	P
WRU GB 5M-9-8-22	WRU GB 5M-9-8-22	SWNW	09	080S	220E	4304734753	13545	Federal	GW	P
OU GB 12W-4-8-22	OU GB 12W-4-8-22	NWSW	04	080S	220E	4304734762	13718	Federal	GW	P
OU GB 12M-10-8-22	OU GB 12M-10-8-22	NWSW	10	080S	220E	4304734769	13864	Federal	GW	P
WRU EIH 14W-26-8-22	WRU EIH 14W-26-8-22	SESW	26	080S	220E	4304734835	12528	Federal	GW	S
WRU EIH 11MU-26-8-22	WRU EIH 11MU-26-8-22	NESW	26	080S	220E	4304734836	12528	Federal	GW	P
WRU EIH 10W-35-8-22	WRU EIH 10W-35-8-22	NWSE	35	080S	220E	4304735046	12528	Federal	GW	P
WRU EIH 9MU-26-8-22	WRU EIH 9MU-26-8-22	NESE	26	080S	220E	4304735047	14003	Federal	GW	P
WRU EIH 15MU-26-8-22	WRU EIH 15MU-26-8-22	SWSE	26	080S	220E	4304735048	12528	Federal	GW	P
WRU EIH 1MU-35-8-22	WRU EIH 1MU-35-8-22	NENE	35	080S	220E	4304735049	12528	Federal	GW	P
WRU EIH 9M-35-8-22	WRU EIH 9M-35-8-22	NESE	35	080S	220E	4304735050	12528	Federal	GW	P
WRU EIH 7MU-35-8-22	WRU EIH 7MU-35-8-22	SWNE	35	080S	220E	4304735051	12528	Federal	GW	P
WRU EIH 1MU-26-8-22	WRU EIH 1MU-26-8-22	NENE	26	080S	220E	4304735118	12528	Federal	GW	P
WRU EIH 7MU-26-8-22	WRU EIH 7MU-26-8-22	SENE	26	080S	220E	4304735119	12528	Federal	GW	P
WRU EIH 10MU-26-8-22	WRU EIH 10MU-26-8-22	NWSE	26	080S	220E	4304735120	12528	Federal	GW	P
WRU EIH 15MU-35-8-22	WRU EIH 15MU-35-8-22	SWSE	35	080S	220E	4304735121	12528	Federal	GW	P
WRU EIH 10ML-23-8-22	WRU EIH 10ML-23-8-22	NWSE	23	080S	220E	4304735187	12528	Federal	GW	P
SG 12MU-23-8-22	SG 12MU-23-8-22	NWSW	23	080S	220E	4304735188	12528	Federal	GW	P
WRU EIH 9ML-23-8-22	WRU EIH 9ML-23-8-22	NESE	23	080S	220E	4304735189	12528	Federal	GW	P
WRU EIH 16MU-26-8-22	WRU EIH 16MU-26-8-22	SESE	26	080S	220E	4304735191	12528	Federal	GW	P
WRU EIH 2MU-26-8-22	WRU EIH 2MU-26-8-22	NWNE	26	080S	220E	4304735192	12528	Federal	GW	P
WRU EIH 8MU-26-8-22	WRU EIH 8MU-26-8-22	SENE	26	080S	220E	4304735193	12528	Federal	GW	P
WRU EIH 16MU-35-8-22	WRU EIH 16MU-35-8-22	SESE	35	080S	220E	4304735194	12528	Federal	GW	P

QEP Uinta Basin (N2460) to QUESTAR E and P (N5085)  
WHITE RIVER 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
WRU EIH 8MU-35-8-22	WRU EIH 8MU-35-8-22	SENE	35	080S	220E	4304735195	12528	Federal	GW	P
WRU EIH 13MU-25-8-22	WRU EIH 13MU-25-8-22	SWSW	25	080S	220E	4304735329	12528	Federal	GW	P
WRU EIH 15ML-23-8-22	WRU EIH 15ML-23-8-22	SWSE	23	080S	220E	4304735387	12528	Federal	GW	P
WRU EIH 4MU-25-8-22	WRU EIH 4MU-25-8-22	NWNW	25	080S	220E	4304735388	12528	Federal	GW	P
WRU EIH 3MU-25-8-22	EIH 3MU-25-8-22	NENW	25	080S	220E	4304735389	12528	Federal	GW	P
WRU EIH 12ML-24-8-22	WRU EIH 12ML-24-8-22	NWSW	24	080S	220E	4304735425	12528	Federal	GW	P
WRU EIH 14ML-24-8-22	WRU EIH 14ML-24-8-22	SESW	24	080S	220E	4304735426	12528	Federal	GW	P
WRU EIH 6MU-25-8-22	WRU EIH 6MU-25-8-22	SENW	25	080S	220E	4304735431	12528	Federal	GW	P
WRU EIH 5MU-25-8-22	WRU EIH 5MU-25-8-22	SWNW	25	080S	220E	4304735432	12528	Federal	GW	P
WRU EIH 12MU-25-8-22	WRU EIH 12MU-25-8-22	NWSW	25	080S	220E	4304735601	12528	Federal	GW	P
WRU EIH 14MU-35-8-22	WRU EIH 14MU-35-8-22	SESW	35	080S	220E	4304735667	12528	Federal	GW	P
WRU EIH 13ML-24-8-22	WRU EIH 13ML-24-8-22	SESW	24	080S	220E	4304735793	12528	Federal	GW	P
WRU EIH 16ML-23-8-22	WRU EIH 16ML-23-8-22	SWSE	23	080S	220E	4304735804	12528	Federal	GW	P
WRU EIH 11ML-24-8-22	WRU EIH 11ML-24-8-22	NWSW	24	080S	220E	4304735805	12528	Federal	GW	P
WRU EIH 6B-ML-35-8-22	WRU EIH 6B-ML-35-8-22	SWNW	35	080S	220E	4304737299	12528	Federal	GW	P
WRU EIH 6B-ML-35-8-20	WRU EIH 6B-ML-35-8-21	SWNW	35	080S	220E	4304737299	15281 12528	Federal	GW	S
WRU EIH 11BML-35-8-22	WRU EIH 11BML-35-8-22	NESW	35	080S	220E	4304737300	12528	Federal	GW	P
WRU EIH 3D-ML-35-8-22	WRU EIH 3D-ML-35-8-22	SENW	35	080S	220E	4304737465	12528	Federal	GW	P
WRU EIH 7D-ML-35-8-22	WRU EIH 7D-ML-35-8-22	SWNE	35	080S	220E	4304737466	12528	Federal	GW	P
WRU EIH 4AML-25-8-22	WRU EIH 4AD-25-8-22	NWNW	25	080S	220E	4304738636		Federal	GW	APD
WRU EIH 7AML-26-8-22	WRU EIH 7AD-26-8-22	SWNE	26	080S	220E	4304738637		Federal	GW	APD
WRU EIH 8DML-26-8-22	WRU EIH 8DML-26-8-22	SENE	26	080S	220E	4304738638		Federal	GW	APD
WRU EIH 9DML-26-8-22	WRU EIH 9DML-26-8-22	NESE	26	080S	220E	4304738639		Federal	GW	APD
WRU EIH 6DML-35-8-22	WRU EIH 6DD-35-8-22	SENW	35	080S	220E	4304738640		Federal	GW	APD
WRU EIH 7AD-35-8-22	WRU EIH 7AD-35-8-22	SWNE	35	080S	220E	4304738641		Federal	GW	APD
WRU EIH 13AML-35-8-22	WRU EIH 14BD-35-8-22	SWSW	35	080S	220E	4304738642		Federal	GW	APD
WRU EIH 2AML-35-8-22	WRU EIH 2AML-35-8-22	NWNE	35	080S	220E	4304738643		Federal	GW	APD
WRU EIH 3AD-35-8-22	WRU EIH 3AD-35-8-22	NENW	35	080S	220E	4304738644		Federal	GW	APD
WRU EIH 10AML-26-8-22	WRU EIH 10AML-26-8-22	NWSE	26	080S	220E	4304738647		Federal	GW	APD
WRU EIH 14AML-26-8-22	WRU EIH 14AML-26-8-22	SESW	26	080S	220E	4304738648		Federal	GW	APD
WRU EIH 9CML-26-8-22	WRU EIH 9CD-26-8-22	NESE	26	080S	220E	4304738649		Federal	GW	APD
WRU EIH 6BML-25-8-22	WRU EIH 6BML-25-8-22	SENW	25	080S	220E	4304738650		Federal	GW	APD
WRU EIH 15AG-35-8-22	WRU EIH 15AG-35-8-22	SWSE	35	080S	220E	4304738772		Federal	OW	APD
WRU EIH 15AML-35-8-22	WRU EIH 15AD-35-8-22	SWSE	35	080S	220E	4304738773		Federal	GW	APD

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

FORM 9

**SUNDRY NOTICES AND REPORTS ON WELLS**

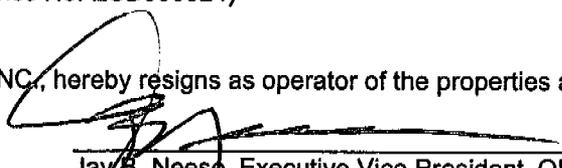
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

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

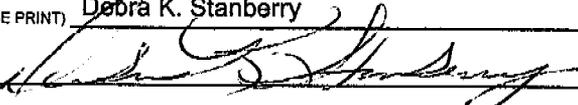
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

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

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

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

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

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

(This space for State use only)

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

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

FORM 9

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

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

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

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

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

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

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

(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: White River 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 White River 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 White River Unit Agreement.

Your nationwide oil and gas bond No. ESB000024 will be used to cover all federal operations within the White River 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 - White River 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

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

SUBMIT IN TRIPLICATE

1. Type of Well (Oil, Gas, Well, Other)
2. Name of Operator (QUESTAR EXPLORATION & PRODUCTION CO.)
3. Address and Telephone No. (1571 E. 1700 S. Vernal, UT 84078)
4. Location of Well (SURFACE: SEC 23-T8S-R22E, SWSE, 497' FSL, 2539' FEL)

5. Lease Designation and Serial No. (UTU - 43917)
6. If Indian, Allottee or Tribe Name (N/A)
7. If Unit or CA, Agreement Designation (WHITE RIVER UNIT)
8. Well Name and No. (WRU EIH 16ML 23 8 22)
9. API Well No. (43-047- 35804)
10. Field and Pool, or Exploratory Area (NATURAL BUTTES)
11. County or Parish, State (UINTAH, UT)

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

Table with columns TYPE OF SUBMISSION and TYPE OF ACTION. Includes checkboxes for Notice of Intent, Subsequent Report, Final Abandonment Notice, Abandonment, Recompletion, Plugging Back, Casing Repair, Altering Casing, Other Work Over, Change of Plans, New Construction, Non-Routine Fracturing, Water Shut-Off, Conversion to Injection, and Dispose Water.

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work)
This Work Over was created to lower tubing and was completed on 12/04/06.
1- 12/4/06 - MIRU Key Energy Well Service.
2- NDWH, NU BOP.
3- Pick up, tally & rabbit in hole w/60 jts 2-3/8" N-80 tbg.
4- ND BOP, NUWH. Turn well over to production.
5- 12/4/06 - EOT @ 8445' & F-Nipple @ 8412'. Final Report.

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14. I hereby certify that the foregoing is true and correct. Signed Jim Simonton Title Completion Supervisor Date 06/27/07

(This space for Federal or State office use) Approved by: Title Date

Conditions of approval, if any CONFIDENTIAL

FIELD: **White River** : 4,854' KBE: 4,870' Spud Date: 4-28-1 Date of last work: 12-4-06

Well: **WRU-EIH 16ML-23-8-22** TD: 10,900' PBTD: 10,862' Current Well Status: **Flowing Gas Well**

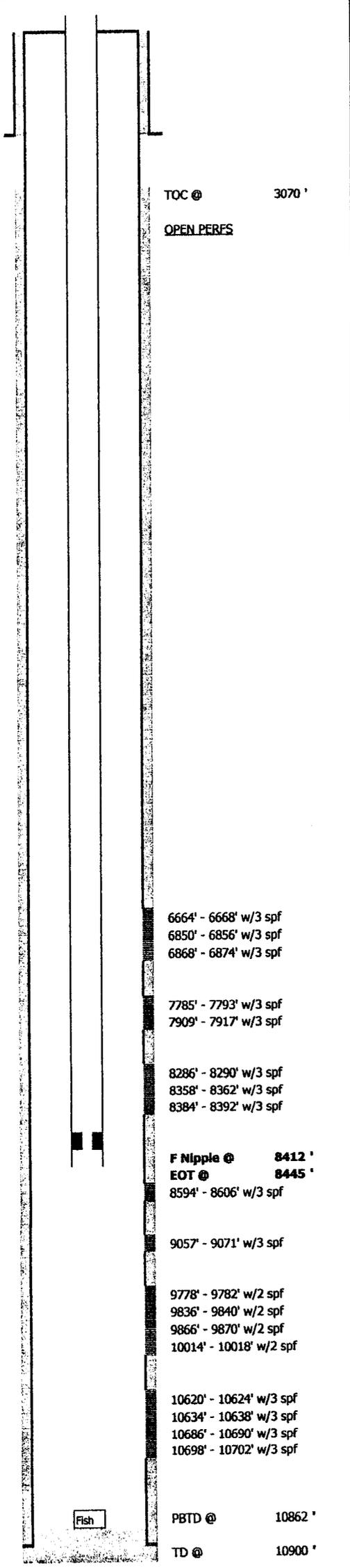
Location: SWSE Sec. 23, T8S, R22E  
 API#: 43-047- 35804  
 Uintah County, Utah

Reason for Pull/Workover: **Initial completion**  
 Deviation: 23-25 degree inclination - 1700' - 5400'  
 Doglegs: 900' - 1700', 5400' - 6500' & various to PBTD noted w/25' of wireline tools.

**Wellbore Schematic**

**Surface casing**  
 Size: 9-5/8"  
 Weight: 36#  
 Grade: J-55  
 Set @ 715'  
 Cmtd w/ 450 sks  
 Hole size: 12-1/4"

**Intermediate casing**  
 Size: 7"  
 Weight: 26#  
 Grade: J-55  
 Set @ 6377'  
 Cmtd w/ 645 sks  
 Hole size: 8-3/4"



TOC @ 3070'  
 OPEN PERFS

6664' - 6668' w/3 spf  
 6850' - 6856' w/3 spf  
 6868' - 6874' w/3 spf  
 7785' - 7793' w/3 spf  
 7909' - 7917' w/3 spf  
 8286' - 8290' w/3 spf  
 8358' - 8362' w/3 spf  
 8384' - 8392' w/3 spf  
 F Nipple @ 8412'  
 EOT @ 8445'  
 8594' - 8606' w/3 spf  
 9057' - 9071' w/3 spf  
 9778' - 9782' w/2 spf  
 9836' - 9840' w/2 spf  
 9866' - 9870' w/2 spf  
 10014' - 10018' w/2 spf  
 10620' - 10624' w/3 spf  
 10634' - 10638' w/3 spf  
 10686' - 10690' w/3 spf  
 10698' - 10702' w/3 spf  
 PBTD @ 10862'  
 TD @ 10900'

**Tubing Landing Detail:**

Description	Size	Footage	Depth
KB		16.00	16.00
Hanger		0.60	16.60
266 jts.	2-3/8"	8,394.28	8,410.88
F-nipple w/1.81" ID	2-3/8"	0.90	8,411.78
1 jt.	2-3/8"	32.15	8,443.93
Bit sub w/wireline re-entry guide		0.90	8,444.83
<b>EOT @</b>			<b>8,444.83</b>

**Tubing Information:**  
 Condition:  
 New:  Used:  Rerun:   
 Grade: N-80  
 Weight (#/ft): 4.7#

**Wellhead Detail:** Example: 7-1/16" 3000#  
 4-1/16" 10K

Other:  
 Hanger: Yes  No

- SUMMARY**
- Sego
    - Zone 1 - Interval 10620' - 10702'. Frac w/60,000# 20/40 Econoprop.
  - Lower Mesa Verde
    - Zone 2 - Interval 9778' - 10018'. Frac w/15,000# 20/40 Econoprop.
    - Zone 3 - 9057' - 9071'. Frac w/8850# 20/40 Econoprop.
  - Mesa Verde
    - Zone 4 - 8594' - 8606'. Frac w/48,000# 20/40 Econoprop.
  - Zone 5 - Interval 8286' - 8392'. Frac w/65,700# 20/40 PRC-6000 & 20,500# 20/40 Econoprop.
  - Wasatch
    - Zone 6 - Interval 7785' - 7917'. Frac w/50,000# 20/40 Ottawa.
    - Zone 7 - Interval 6664' - 6874'. Frac w/125,000# 20/40 Ottawa.

**12-4-06** MIRU Key Energy. Lower tbg to put EOT @ 8444.83'. RDMO

Note: Fish is 3-7/8" bit & bottom half of pump-off sub. Length - 1.16'.

**CONFIDENTIAL**



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
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: 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.		7. UNIT or CA AGREEMENT NAME: See attached
		8. WELL NAME and NUMBER: See attached
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____	9. API NUMBER: Attached	
2. NAME OF OPERATOR: Questar Exploration and Production Company <i>N5085</i>	10. FIELD AND POOL, OR WILDCAT: See attached	
3. ADDRESS OF OPERATOR: 1050 17th Street, Suite 500 Denver STATE CO ZIP 80265	PHONE NUMBER: (303) 672-6900	
4. LOCATION OF WELL FOOTAGES AT SURFACE: See attached	COUNTY: Attached	
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:	STATE: UTAH	

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

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

Effective 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)

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JUN 28 2010

DIV. OF OIL, GAS & MINING

(See Instructions on Reverse Side)

APPROVED 6/13/2009  
*Earlene Russell*  
Division of Oil, Gas and Mining  
Earlene Russell, Engineering Technician

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

well_name	sec	tpw	rng	api	entity	mineral lease	type	stat	C
WR 16-9	09	080S	220E	4304715081	4915	Federal	OW	S	
WRU EIH 15-35-8-22	35	080S	220E	4304733061	12528	Federal	GW	P	
WRU EIH 12W-35-8-22	35	080S	220E	4304733393	12528	Federal	GW	P	
WR 13W-3-8-22	03	080S	220E	4304733651	13544	Federal	GW	P	
OU GB 6W-9-8-22	09	080S	220E	4304734010	13545	Federal	GW	P	
WRU EIH 4W-35-8-22	35	080S	220E	4304734042	12528	Federal	GW	P	
WRU EIH 3W-35-8-22	35	080S	220E	4304734044	12528	Federal	GW	P	
WRU GB 4WRG-9-8-22	09	080S	220E	4304734208	4915	Federal	OW	P	
WRU EIH 13WX-35-8-22	35	080S	220E	4304734210	12528 13456	Federal	GW	P	
WRU EIH 5W-35-8-22	35	080S	220E	4304734572	12528	Federal	GW	P	
OU GB 14W-9-8-22	09	080S	220E	4304734649	13545	Federal	GW	P	
WRU GB 9MU-9-8-22	09	080S	220E	4304734650	13545	Federal	GW	P	
OU GB 10W-9-8-22	09	080S	220E	4304734651	13545	Federal	GW	P	
OU GB 15W-9-8-22	09	080S	220E	4304734678	13545	Federal	GW	P	
OU GB 16W-9-8-22	09	080S	220E	4304734679	13545	Federal	GW	P	
WRU EIH 6W-35-8-22	35	080S	220E	4304734684	12528 16723	Federal	GW	P	
GB 11ML-10-8-22	10	080S	220E	4304734691	14818	Federal	GW	P	
WRU EIH 11W-35-8-22	35	080S	220E	4304734708	12528	Federal	GW	P	
WRU GB 5M-9-8-22	09	080S	220E	4304734753	13545 14447	Federal	GW	S	
OU GB 12W-4-8-22	04	080S	220E	4304734762	13718	Federal	GW	P	
OU GB 12M-10-8-22	10	080S	220E	4304734769	13545	Federal	GW	P	
WRU EIH 14W-26-8-22	26	080S	220E	4304734835	12528	Federal	GW	TA	
WRU EIH 11MU-26-8-22	26	080S	220E	4304734836	12528 13713	Federal	GW	P	
WRU EIH 10W-35-8-22	35	080S	220E	4304735046	12528 15700	Federal	GW	P	
WRU EIH 9MU-26-8-22	26	080S	220E	4304735047	12528 14003	Federal	GW	P	
WRU EIH 15MU-26-8-22	26	080S	220E	4304735048	12528	Federal	GW	P	
WRU EIH 1MU-35-8-22	35	080S	220E	4304735049	12528	Federal	GW	P	
WRU EIH 9M-35-8-22	35	080S	220E	4304735050	12528 14005	Federal	GW	P	
WRU EIH 7MU-35-8-22	35	080S	220E	4304735051	12528 14106	Federal	GW	P	
WRU EIH 1MU-26-8-22	26	080S	220E	4304735118	12528 14349	Federal	GW	P	
WRU EIH 7MU-26-8-22	26	080S	220E	4304735119	12528 14102	Federal	GW	P	
WRU EIH 10MU-26-8-22	26	080S	220E	4304735120	12528 14107	Federal	GW	P	
WRU EIH 15MU-35-8-22	35	080S	220E	4304735121	12528 14197	Federal	GW	P	
WRU EIH 10ML-23-8-22	23	080S	220E	4304735187	12528 14503	Federal	GW	P	
WRU EIH 9ML-23-8-22	23	080S	220E	4304735189	12528 14504	Federal	GW	S	

Bonds: BLM = ESB000024  
BIA = 956010693  
State = 965010695

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

well_name	sec	twp	rng	api	entity	mineral lease	type	stat	C
WRU EIH 16MU-26-8-22	26	080S	220E	4304735191	12528	Federal	GW	P	
					14351				
WRU EIH 2MU-26-8-22	26	080S	220E	4304735192	12528	Federal	GW	P	
					14104				
WRU EIH 8MU-26-8-22	26	080S	220E	4304735193	12528	Federal	GW	P	
					14234				
WRU EIH 16MU-35-8-22	35	080S	220E	4304735194	12528	Federal	GW	P	
					14198				
WRU EIH 8MU-35-8-22	35	080S	220E	4304735195	12528	Federal	GW	P	
					17329				
WRU EIH 13MU-25-8-22	25	080S	220E	4304735329	12528	Federal	GW	P	
					14168				
WRU EIH 15ML-23-8-22	23	080S	220E	4304735387	12528	Federal	GW	S	
					14681				
WRU EIH 4MU-25-8-22	25	080S	220E	4304735388	12528	Federal	GW	P	
					14339				
WRU EIH 3MU-25-8-22	25	080S	220E	4304735389	12528	Federal	GW	P	
					14341				
WRU EIH 12ML-24-8-22	24	080S	220E	4304735425	12528	Federal	GW	P	
					14536				
WRU EIH 14ML-24-8-22	24	080S	220E	4304735426	12528	Federal	GW	P	
					14646				
WRU EIH 6MU-25-8-22	25	080S	220E	4304735431	12528	Federal	GW	P	
					14379				
WRU EIH 5MU-25-8-22	25	080S	220E	4304735432	12528	Federal	GW	P	
					14240				
WRU EIH 12MU-25-8-22	25	080S	220E	4304735601	12528	Federal	GW	P	
					14214				
WRU EIH 14MU-35-8-22	35	080S	220E	4304735667	12528	Federal	GW	P	
					14615				
WRU EIH 13ML-24-8-22	24	080S	220E	4304735793	12528	Federal	GW	S	
					14644				
WRU EIH 16ML-23-8-22	23	080S	220E	4304735804	12528	Federal	GW	P	
					14683				
WRU EIH 11ML-24-8-22	24	080S	220E	4304735805	12528	Federal	GW	P	
					14540				
WRU EIH 6B-ML-35-8-22	35	080S	220E	4304737299	12528	Federal	GW	P	
					15281				
WRU EIH 11BML-35-8-22	35	080S	220E	4304737300	12528	Federal	GW	P	
					15282				
WRU EIH 3D-ML-35-8-22	35	080S	220E	4304737465	12528	Federal	GW	P	
					15552				
WRU EIH 7D-ML-35-8-22	35	080S	220E	4304737466	12528	Federal	GW	P	
					15637				
WRU EIH 4AD-25-8-22	25	080S	220E	4304738636	12528	Federal	GW	P	
					16651				
WRU EIH 7AD-26-8-22	26	080S	220E	4304738637	12528	Federal	GW	P	
					16579				
WRU EIH 6DD-35-8-22	35	080S	220E	4304738640	12528	Federal	GW	P	
					16511				

Bonds: BLM = ESB000024  
 BIA = 956010693  
 State = 965010695

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

well_name	sec	twp	rng	api	entity	mineral lease	type	stat	C
WRU EIH 7AD-35-8-22	35	080S	220E	4304738641	16180	Federal	GW	P	
WRU EIH 14BD-35-8-22	35	080S	220E	4304738642	17143	Federal	GW	OPS	C
WRU EIH 9CD-26-8-22	26	080S	220E	4304738649	12528 16446	Federal	GW	P	
GB 1M-4-8-22R (RIGSKID)	04	080S	220E	4304738990	15879	Federal	GW	P	
WRU EIH 6D-5-8-23	05	080S	230E	4304738994	16415	Federal	GW	P	
WRU GB 13G-3-8-22	03	080S	220E	4304739792	4915	Federal	OW	P	
WRU GB 14G-4-8-22	04	080S	220E	4304740097	4915	Federal	OW	P	
GB 3D-4-8-22R(RIGSKID)	04	080S	220E	4304740345	17099	Federal	GW	P	



## United States Department of the Interior

### BUREAU OF LAND MANAGEMENT

Utah State Office

P.O. Box 45155

Salt Lake City, UT 84145-0155

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



IN REPLY REFER TO:  
3100  
(UT-922)

JUL 28 2010

#### Memorandum

To: Vernal Field Office, Price Field Office, Moab Field Office

From: Chief, Branch of Minerals

*Roger L. 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