

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE\*

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

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

TYPE OF WORK  
 DRILL  DEEPEN

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

5. LEASE DESIGNATION AND SERIAL NO.  
 UTU-01089

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

7. UNIT AGREEMENT NAME  
 WHITE RIVER UNIT

8. FARM OR LEASE NAME, WELL NO.  
 WRU EIH 6DML-35-8-22

2. NAME OF OPERATOR  
 QEP UINTA BASIN, INC.

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

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

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

9. API NUMBER:  
 4304738640

10. FIELD AND POOL, OR WILDCAT  
 WHITE RIVER

4. LOCATION OF WELL (Report location clearly and in accordance with and State requirements\*)  
 At Surface 635819x 2551' FNL 2492' FWL SENW SECTION 35 T8S R22E  
 At proposed production zone 4437600y 40.079618 -109.407086

11. SEC., T, R, M, OR BLK & SURVEY OR AREA  
 SEC. 35, T8S, R22E Mer SLB

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

12. COUNTY OR PARISH  
 Uintah

13. STATE  
 UT

15. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (also to nearest drig, unit line if any)  
 2492' +/-

16. NO. OF ACRES IN LEASE  
 640.00

17. NO. OF ACRES ASSIGNED TO THIS WELL  
 20

18. DISTANCE FROM PROPOSED location to nearest well, drilling, completed, applied for, on this lease, ft  
 1000' +/-

19. PROPOSED DEPTH  
 9,950'

20. BLM/BIA Bond No. on file  
 ESB000024

21. ELEVATIONS (Show whether DF, RT, GR, ect.)  
 4902.9' GR

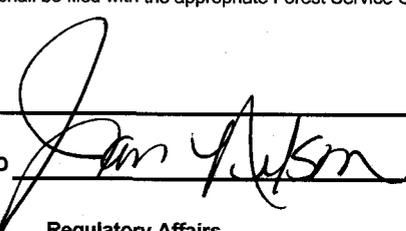
22. DATE WORK WILL START  
 ASAP

23. Estimated duration  
 14 days

24. Attachments

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

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

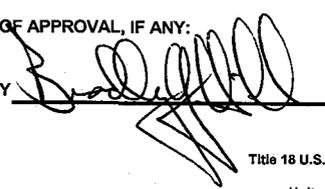
SIGNED  Name (printed/typed) Jan Nelson DATE 9-18-06

TITLE Regulatory Affairs

(This space for Federal or State office use)

PERMIT NO. 4304738640 APPROVAL DATE

CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY  TITLE BRADLEY G. HILL ENVIRONMENTAL MANAGER DATE 09-25-06

\*See Instructions On Reverse Side

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

Federal Approval of this Action is Necessary \*

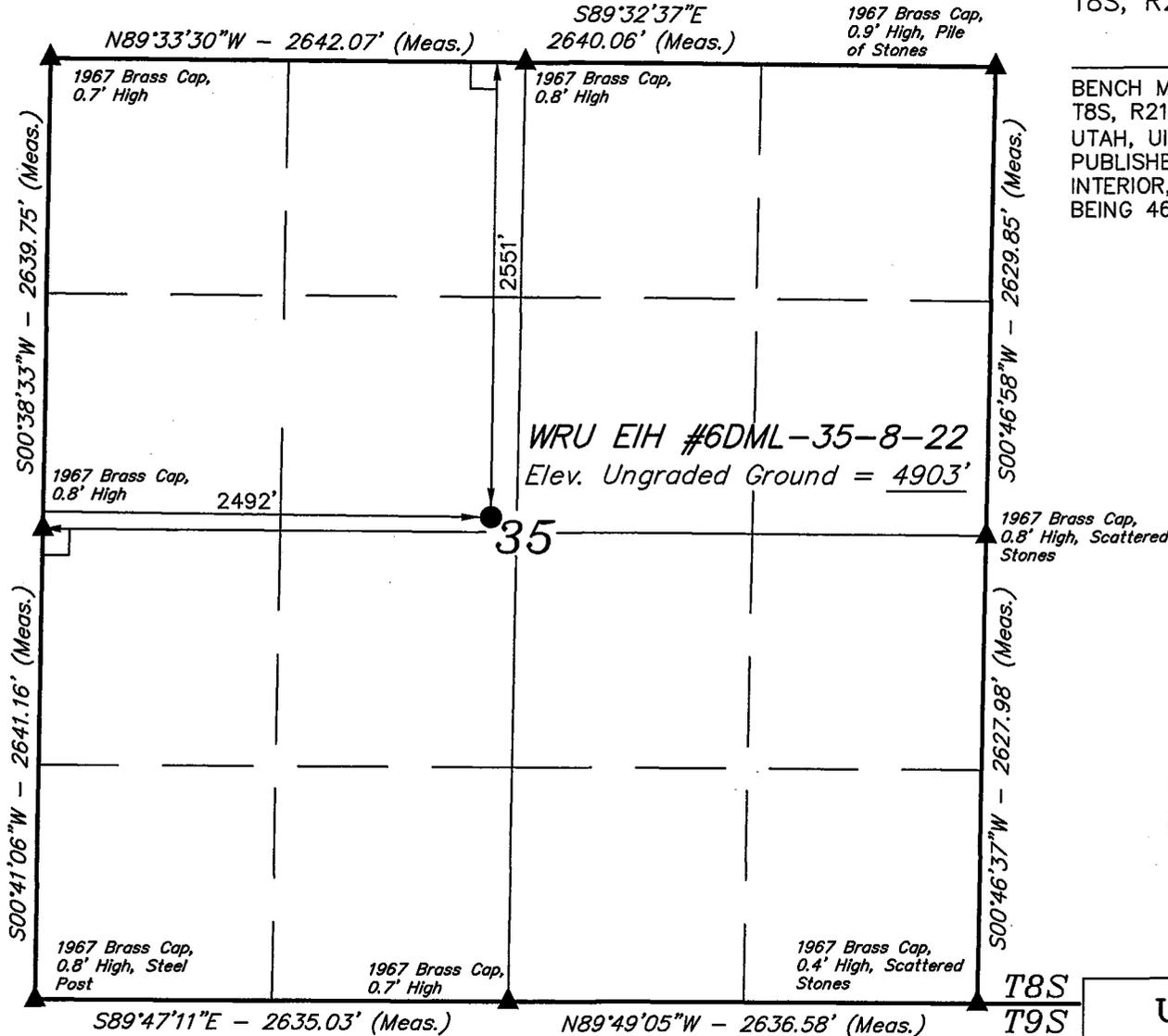
CONFIDENTIAL

RECEIVED  
SEP 21 2006  
DIV. OF OIL, GAS & MINING

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

QUESTAR EXPLR. & PROD.

Well location, WRU EIH #6DML-35-8-22, located as shown in the SE 1/4 NW 1/4 of Section 35, 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

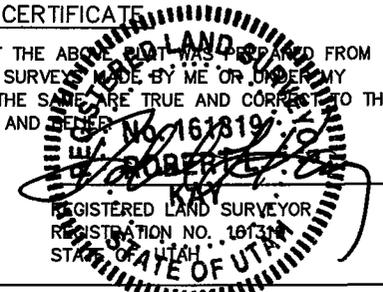
BASIS OF BEARINGS IS A G.P.S. OBSERVATION.



SCALE

CERTIFICATE

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



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

LEGEND:

- $\perp$  = 90° SYMBOL
- = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.

(NAD 83)  
 LATITUDE =  $40^{\circ}04'46.64''$  (40.079622)  
 LONGITUDE =  $109^{\circ}24'27.83''$  (109.407731)  
 (NAD 27)  
 LATITUDE =  $40^{\circ}04'46.77''$  (40.079658)  
 LONGITUDE =  $109^{\circ}24'25.37''$  (109.407047)

SCALE 1" = 1000'	DATE SURVEYED: 08-02-06	DATE DRAWN: 08-05-06
PARTY B.B. T.A. C.H.	REFERENCES G.L.O. PLAT	
WEATHER HOT	FILE QUESTAR EXPLR. & PROD.	

### **Additional Operator Remarks**

QEP Uinta Basin, Inc. proposes to drill a well to 9,950' to test the MesaVerde. If productive, casing will be run and the well completed. If dry, the well will be plugged and abandoned as per BLM and State of Utah requirements"

Please see QEP Uinta Basin, Inc. Standard Operating Practices dated October 18, 2005, for Mesa Verde Formation Wells located in Red Wash, Wonsits Valley, Gypsum Hills, White River, Glen Bench, and Undesignated fields in Townships 07, 08 and 09 South, Ranges 21 to 25 East.

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.

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><u>Formation</u></b>	<b><u>Depth, TVD</u></b>
Uinta	Surface
Green River	2,235'
Mahogany	2,860'
Wasatch	5,225'
Mesaverde	7,730'
Sego	9,850'
TD	9,950'

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><u>Substance</u></b>	<b><u>Formation</u></b>	<b><u>Depth, TVD</u></b>
Gas	Wasatch	5,225'
Gas	Mesaverde	7,730'

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

All water shows and water-bearing sands will be reported to the BLM in Vernal, Utah. Copies of State of Utah form OGC-8-X are acceptable. If flows are detected, samples will be submitted to the BLM along with any water analyses conducted. Fresh water will be obtained from Wonsits Valley water right # A36125 (which was filed on May 7, 1964,) or Red Wash water right # 49-2153 (which was filed on March 25, 1960). It was determined by the Fish and Wildlife Service that any water right number filed before 1989 is not depleting to the Upper Colorado River System, to supply fresh water for drilling purposes. All water resulting from drilling operations will be disposed of at Red Wash Central Battery Disposal Site; SWSE, Section 27, T7S, R23E or Wonsits Valley Disposal Site; SWNW, Section 12, T8S, R21E.

DRILLING PROGRAM

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

- A. 5,000 psi W.P. Double Gate BOP, 5,000 psi annular (schematic attached)
- B. Functional test daily
- C. All casing strings shall be pressure tested (0.22 psi/foot or 1500 psi, whichever is greater) prior to drilling the plug after cementing; test pressure shall not exceed the internal yield pressure of the casing.
- D. Ram type preventers and associated equipment shall be tested to approved stack working pressure if isolated by test plug or to 50 percent of internal yield pressure of casing whichever is less. BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc..., for a 5M system and individual components shall be operable as designed.

4. **Casing Program**

Hole Size	Csg. Size	Top (MD)	Bottom (MD)	Wt.	Grade	Thread	Cond.
20"	14"	sfc	40'	Steel	Cond.	None	Used
12-1/4"	9-5/8"	sfc	700'	36.0	J-55	STC	New
7-7/8"	4-1/2"	sfc	9,950'	11.6	P-110	LTC	New

Casing Strengths:				Collapse	Burst	Tensile (minimum)
9-5/8"	36.0 lb.	J-55	STC	2,020 psi	3,520 psi	394,000 lb.
4-1/2"	11.6 lb.	P-110	LTC	7,580 psi	10,690 psi	279,000 lb.

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
- F. If drilling with air the following will be used:
- G. The blooie line shall be at least 6” in diameter and extend at least 100’ from the well bore into the reserve/blooie pit.
- H. Blooie line ignition shall be provided by a continuous pilot (ignited when drilling below 500’).
- I. Compressor shall be tied directly to the blooie line through a manifold.
- J. 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 10.5 ppg.

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

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

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

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

- A. Cores – none anticipated
- B. DST – none anticipated
- C. Logging – Mud Logging – 1500’ to TD  
GR-SP-Induction - Neutron Density

## DRILLING PROGRAM

- D. Formation and Completion Interval: Green River/Wasatch/MesaVerde 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

#### **14" Conductor:**

Cement to surface with construction cement.

#### **9-5/8" Surface Casing: sfc - 700' (MD)**

**Lead/Tail Slurry:** 0' - 700'. 375 sks (440 cu ft) Premium AG cement + 2% CaCl<sub>2</sub> + 0.25 lb/sk celloflake. Slurry wt: 15.8 ppg, Slurry yield: 1.17 ft<sup>3</sup>/sk, Slurry volume: 12-1/4" hole + 100% excess.

#### **4-1/2" Production Casing: sfc - 9,950' (MD)**

**Lead Slurry:** 0' - 4,800'. 360 sks (1385 cu ft) Halliburton Hi-Fill cement + 16% Bentonite + 0.75% Econolite + 3% salt + 0.8% HR-7 retarder. Slurry wt: 11.0 ppg, Slurry yield: 3.84 ft<sup>3</sup>/sk, Slurry volume: 7-7/8" hole + 25% excess in open hole section.

**Tail Slurry:** 4,800' - 9,950'. 1185 sks (1470 cu ft) of 50/50 Poz Premium AG + 2.0% Bentonite + 0.6% Halad (R)-322 fluid loss + 2.0% Microbond M expander + 5% salt + 0.2% HR-5 retarder + 0.25 lb/sk Flocele. Slurry wt: 14.35 ppg, Slurry yield: 1.24 ft<sup>3</sup>/sk, Slurry volume: 7-7/8" hole + 25% excess.

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

### 8. Anticipated Abnormal Pressures and Temperatures, Other Potential Hazards

No abnormal temperatures or pressures are anticipated. No H<sub>2</sub>S has been encountered in or known to exist from previous wells drilled to similar depths in the general area. Maximum anticipated bottom hole pressure equals approximately 5435 psi. Maximum anticipated bottom hole temperature is 190° F.

5M BOP STACK

11" Rotating Head

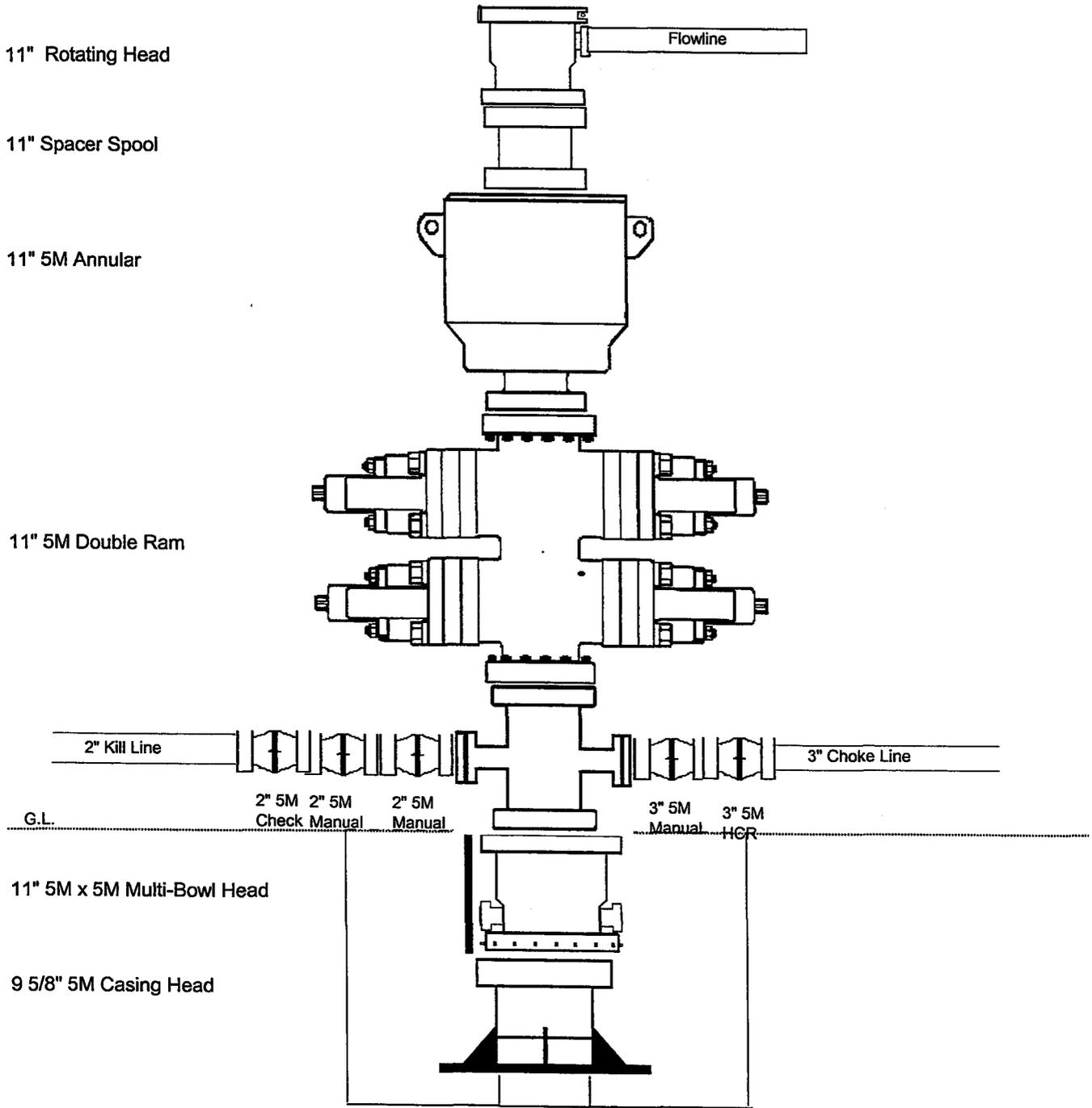
11" Spacer Spool

11" 5M Annular

11" 5M Double Ram

11" 5M x 5M Multi-Bowl Head

9 5/8" 5M Casing Head





**QEP UINTA BASIN, INC.  
WRU EIH 6DML-35-8-22  
2551' FNL 2492' FWL  
SENW, SECTION 35, T8S, R22E  
UINTAH COUNTY, UTAH  
LEASE # UTU-01089**

**ONSHORE ORDER NO. 1**

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

An onsite inspection was conducted for the WRU EIH 6DML-35-8-22 on September 13, 2006 . Weather conditions were warm and clear at the time of the onsite. In attendance at the inspection were the following individuals:

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

**1. Existing Roads:**

The proposed well site is approximately 33 miles southeast of Vernal, Utah.

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

There will be no improvements made to existing roads.

**2. Planned Access Roads:**

Please see QEP Uinta Basin, Inc. Standard Operating Practices dated October 18, 2005, for Mesa Verde Formation Wells located in Red Wash, Wonsits Valley, Gypsum Hills, White River, Glen Bench, and Undesignated fields in Townships 07, 08 and 09 South, Ranges 21 to 25 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 dated October 18, 2005, for Mesa Verde Formation Wells located in Red Wash, Wonsits Valley, Gypsum Hills, White River, Glen Bench, and Undesignated fields in Townships 07, 08 and 09 South, Ranges 21 to 25 East.

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

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

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

Please see QEP Uinta Basin, Inc. Standard Operating Practices dated October 18, 2005, for Mesa Verde Formation Wells located in Red Wash, Wonsits Valley, Gypsum Hills, White River, Glen Bench, and Undesignated fields in Townships 07, 08 and 09 South, Ranges 21 to 25 East.

**6. Source of Construction Materials:**

Please see QEP Uinta Basin, Inc. Standard Operating Practices dated October 18, 2005, for Mesa Verde Formation Wells located in Red Wash, Wonsits Valley, Gypsum Hills, White River, Glen Bench, and Undesignated fields in Townships 07, 08 and 09 South, Ranges 21 to 25 East.

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

Please see QEP Uinta Basin, Inc. Standard Operating Practices dated October 18, 2005, for Mesa Verde Formation Wells located in Red Wash, Wonsits Valley, Gypsum Hills, White River, Glen Bench, and Undesignated fields in Townships 07, 08 and 09 South, Ranges 21 to 25 East.

**8. Ancillary Facilities:**

Please see QEP Uinta Basin, Inc. Standard Operating Practices dated October 18, 2005, for Mesa Verde Formation Wells located in Red Wash, Wonsits Valley, Gypsum Hills, White River, Glen Bench, and Undesignated fields in Townships 07, 08 and 09 South, Ranges 21 to 25 East.

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

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

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

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

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

Please see QEP Uinta Basin, Inc. Standard Operating Practices dated October 18, 2005, for Mesa Verde Formation Wells located in Red Wash, Wonsits Valley, Gypsum Hills, White River, Glen Bench, and Undesignated fields in Townships 07, 08 and 09 South, Ranges 21 to 25 East.

**Interim Reclamation**

Please see attached Interim Reclamation plan.

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

**Seed Mix:**

*Interim Reclamation:*

6 lbs Hycrest Crested Wheatgrass

6 lbs Needle & Threadgrass

*Final Reclamation:*

Seed Mix # 1      3 lbs. Fourwing Saltbush, 3 lbs. Indian Rice Grass, 4 lbs. Hycrest Crested Wheat Grass,  
1 lb. Needle & Threadgrass

**11. Surface Ownership:**

Bureau of Land Management

170 South 500 East

Vernal, Utah 84078

(435) 781-4400

**12. Other Information**

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

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

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

QEP will carry out Interim Reclamation mitigation for the habitat loss on well location WRU 13WX-35-8-22.

**QEP Uinta Basin, Inc.**  
**Request for Exception to Buried Pipeline**  
**for**  
**WRU EIH 6DML-35-8-22**

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

**Class IV VRM**

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

**Environmental and Safety Concerns**

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

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

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

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

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

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

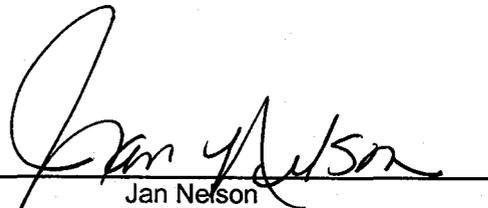
**Certification:**

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

QEP Uinta Basin Inc. will be fully responsible for the actions of their subcontractors.

A complete copy of the approved Application for Permit to Drill will be furnished to the field representative(s) to ensure compliance and shall be on location during all construction and drilling operations.

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which currently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by QEP Uinta Basin, Inc. it's contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

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

18-Sep-06  
\_\_\_\_\_  
Date

# QUESTAR EXPLR. & PROD.

WRU EIH #6DML-35-8-22

LOCATED IN UINTAH COUNTY, UTAH  
SECTION 35, T8S, R22E, S.L.B.&M.

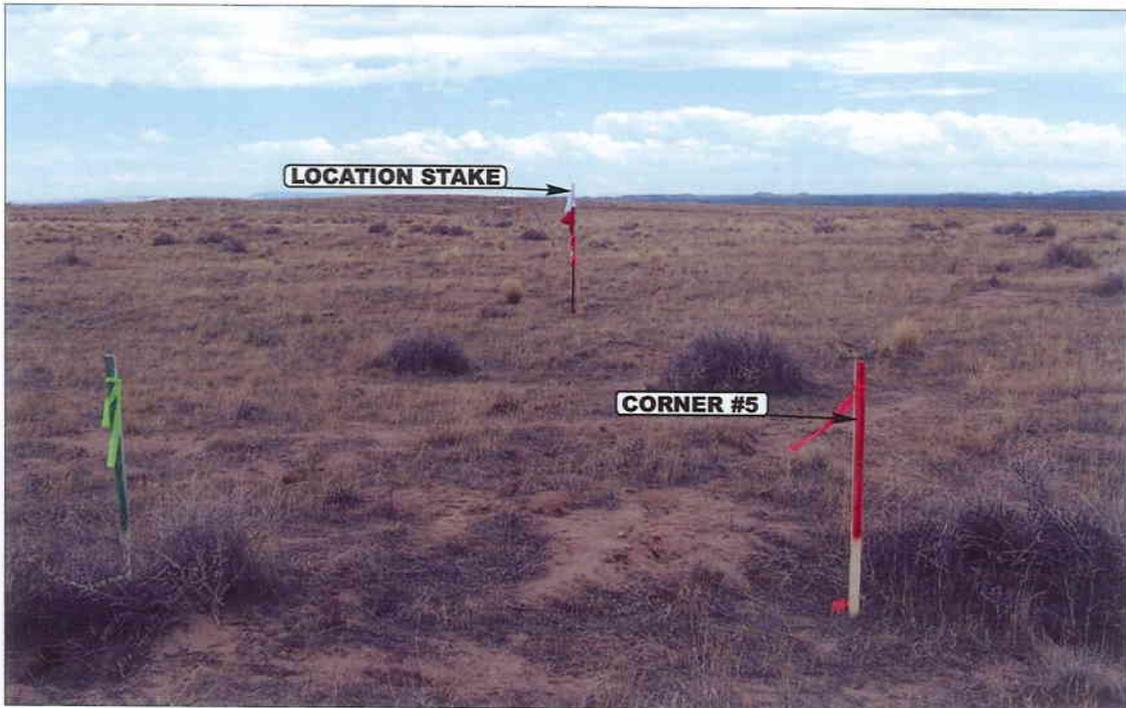


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: SOUTHEASTERLY



PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: NORTHWESTERLY



- Since 1964 -

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

LOCATION PHOTOS

08 07 06  
MONTH DAY YEAR

PHOTO

TAKEN BY: B.B.

DRAWN BY: C.P.

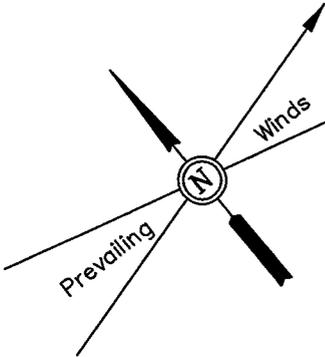
REVISED: 00-00-00

QUESTAR EXPLR. & PROD.

FIGURE #1

LOCATION LAYOUT FOR

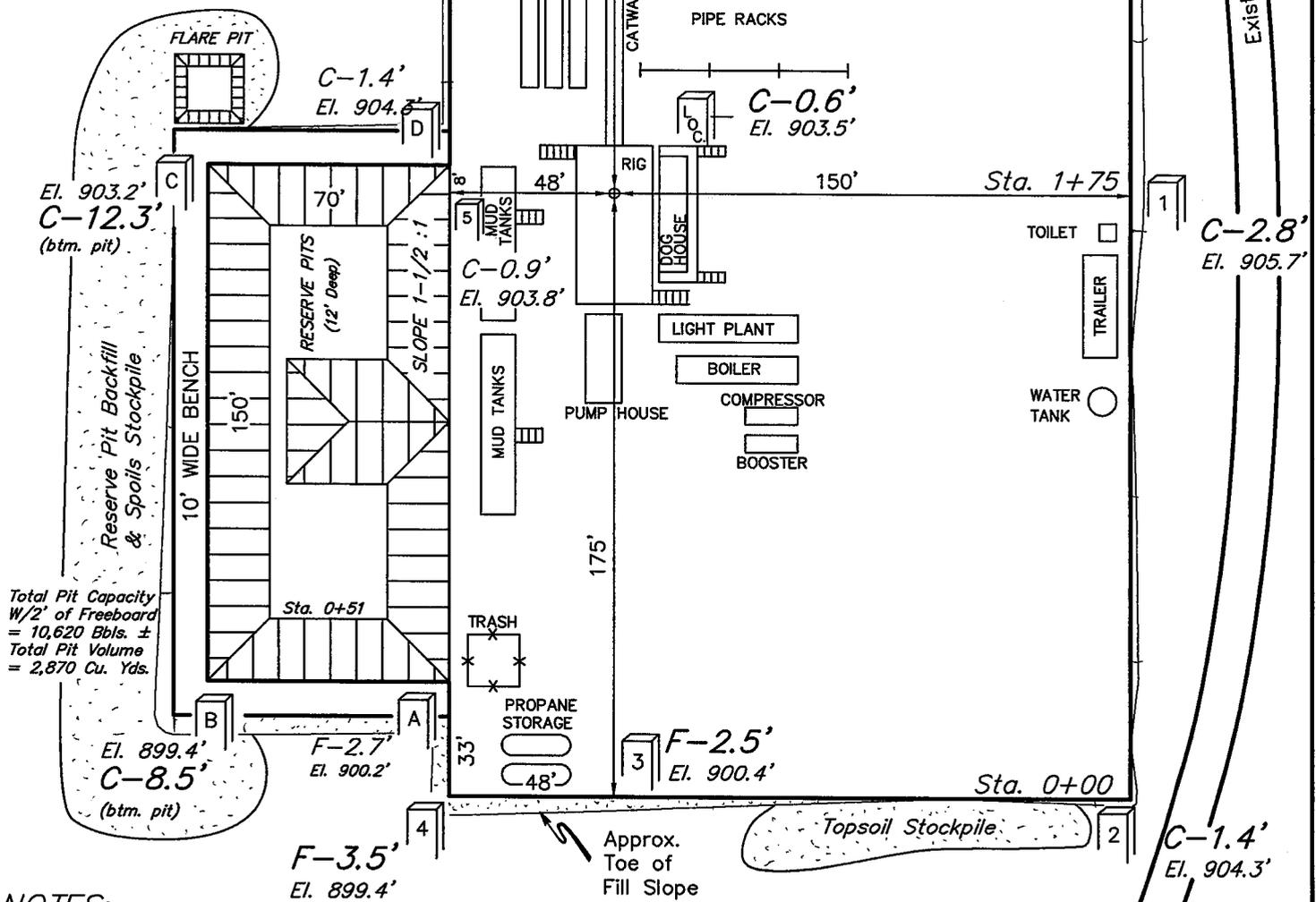
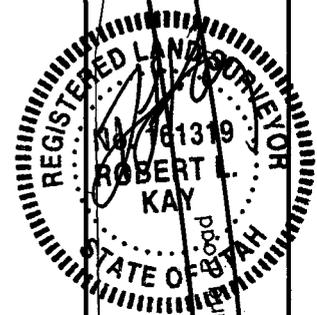
WRU EI# #6DML-35-8-22  
SECTION 35, T8S, R22E, S.L.B.&M.  
2551' FNL 2492' FWL



SCALE: 1" = 50'  
DATE: 08-05-06  
Drawn By: C.H.

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

Approx.  
Top of  
Cut Slope



NOTES:

Elev. Ungraded Ground At Loc. Stake = 4903.5'  
FINISHED GRADE ELEV. AT LOC. STAKE = 4902.9'

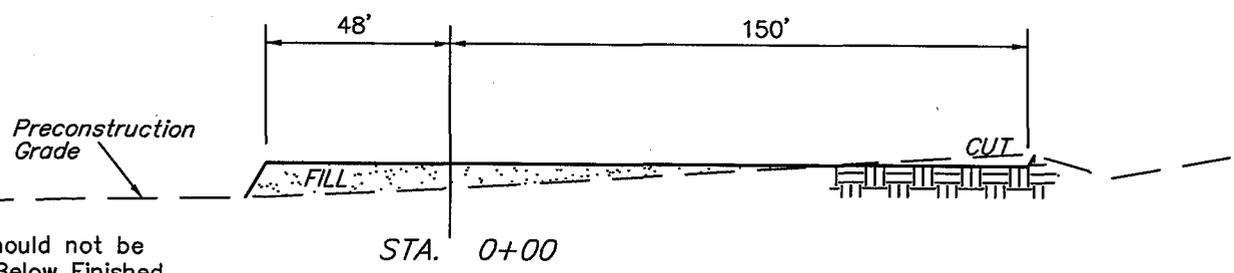
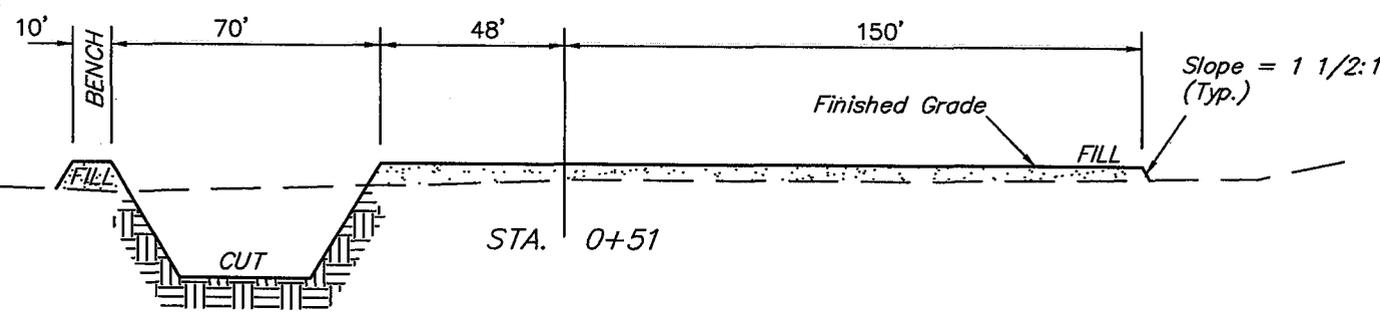
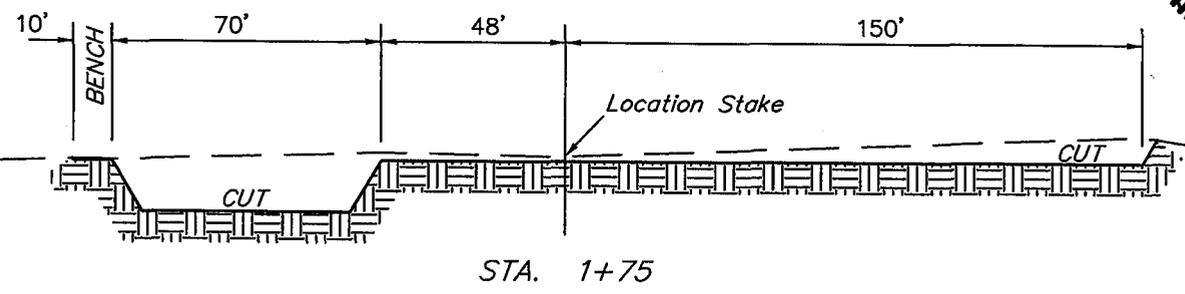
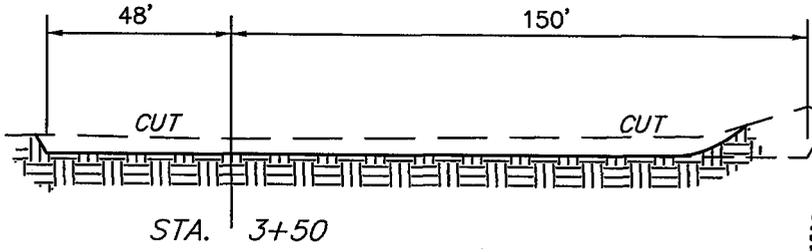
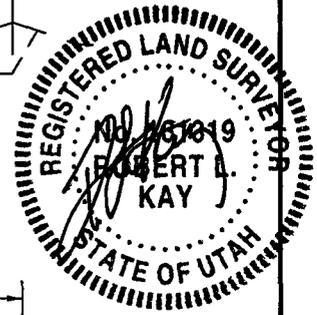
QUESTAR EXPLR. & PROD.

FIGURE #2

TYPICAL CROSS SECTIONS FOR  
 WRU EIH #6DML-35-8-22  
 SECTION 35, T8S, R22E, S.L.B.&M.  
 2551' FNL 2492' FWL

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

DATE: 08-05-06  
 Drawn By: C.H.



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

APPROXIMATE YARDAGES

CUT	
(6") Topsoil Stripping	= 1,630 Cu. Yds.
Remaining Location	= 3,770 Cu. Yds.
<b>TOTAL CUT</b>	<b>= 5,400 CU.YDS.</b>
<b>FILL</b>	<b>= 2,330 CU.YDS.</b>

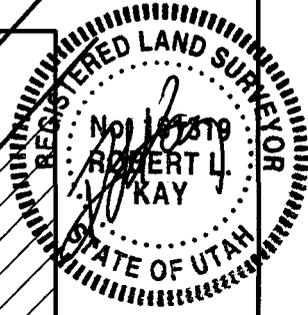
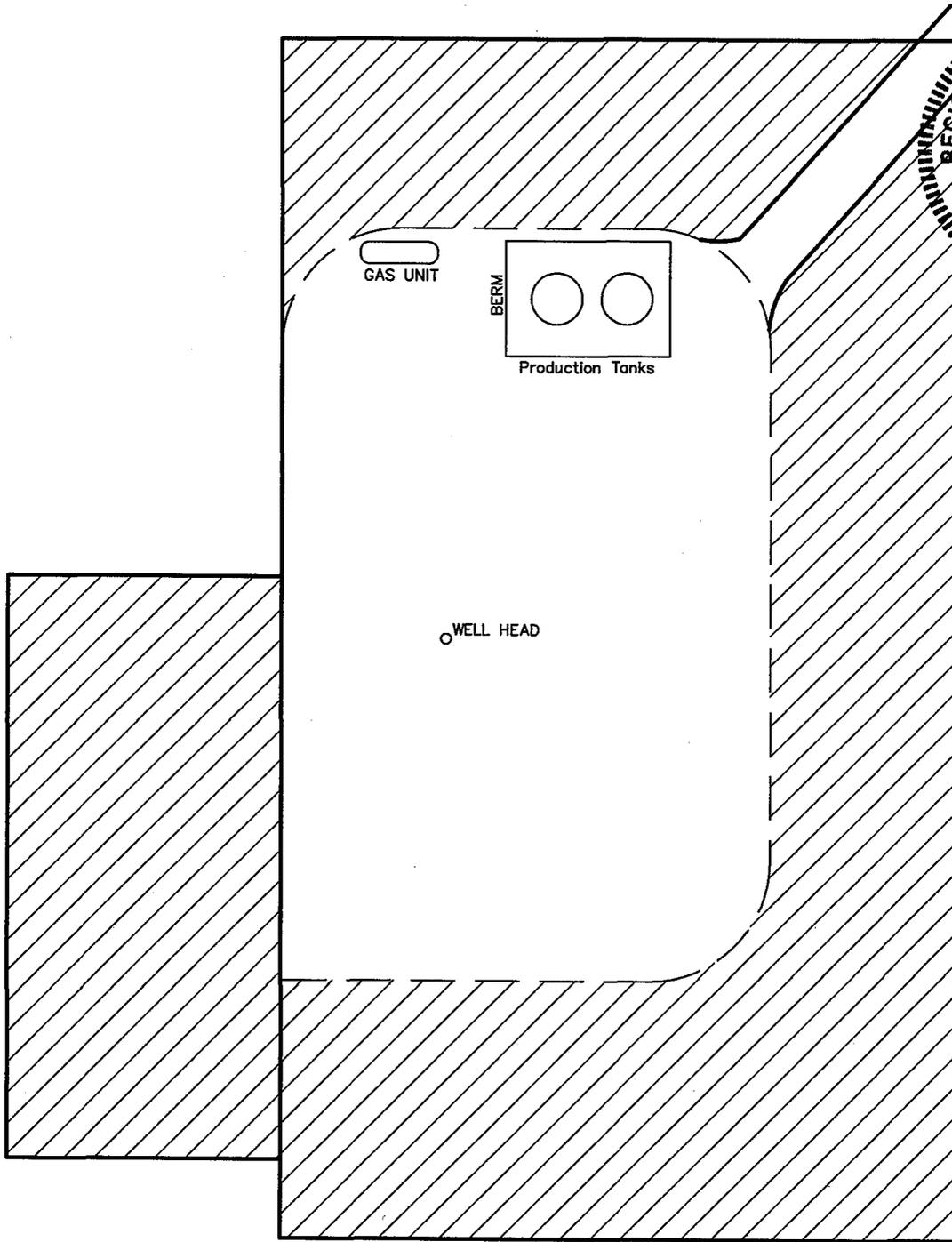
\* NOTE:  
 FILL QUANTITY INCLUDES  
 5% FOR COMPACTION  
 Excess Material = 3,070 Cu. Yds.  
 Topsoil & Pit Backfill = 3,070 Cu. Yds.  
 (1/2 Pit Vol.)  
 EXCESS UNBALANCE = 0 Cu. Yds.  
 (After Interim Rehabilitation)

QUESTAR EXPLR. & PROD.

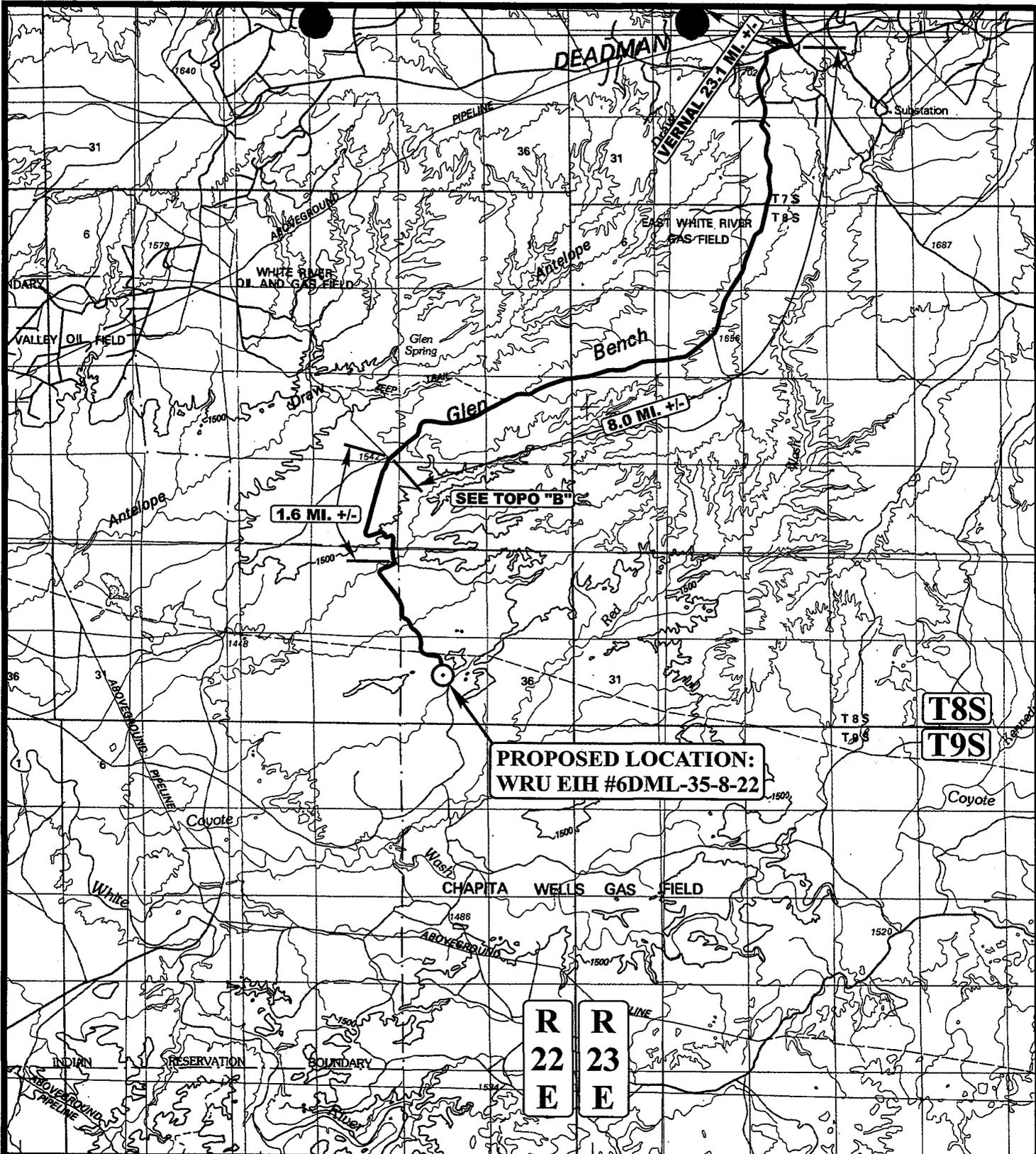
FIGURE #3

SCALE: 1" = 50'  
DATE: 08-05-06  
Drawn By: C.H.

INTERIM RECLAMATION PLAN FOR  
WRU EIH #6DML-35-8-22  
SECTION 35, T8S, R22E, S.L.B.&M.  
2551' FNL 2492' FWL



 INTERIM RECLAMATION



**LEGEND:**

○ PROPOSED LOCATION

**QUESTAR EXPLR. & PROD.**

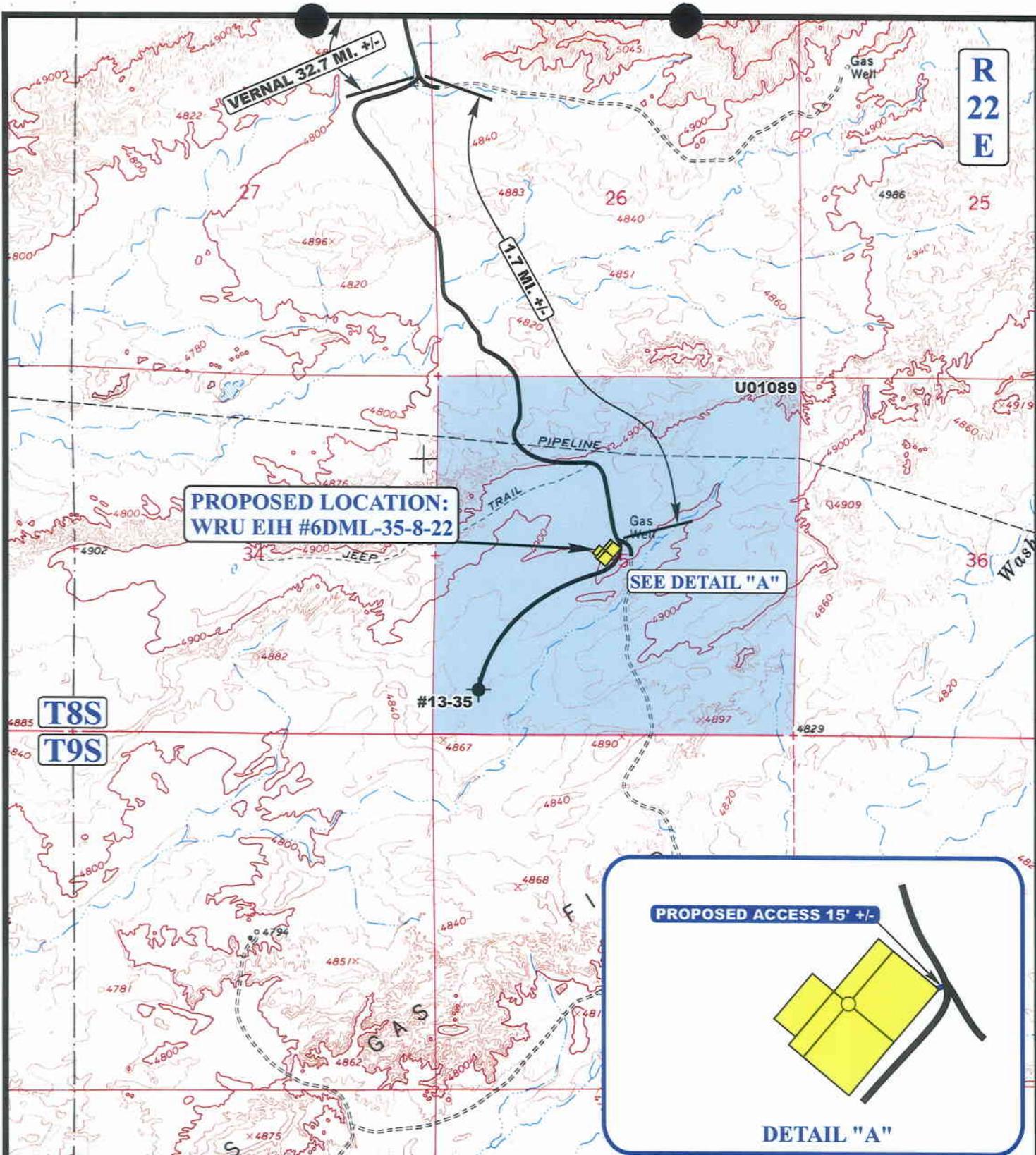
WRU EIH #6DML-35-8-22  
 SECTION 35, T8S, R22E, S.L.B.&M.  
 2551' FNL 2492' FWL

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



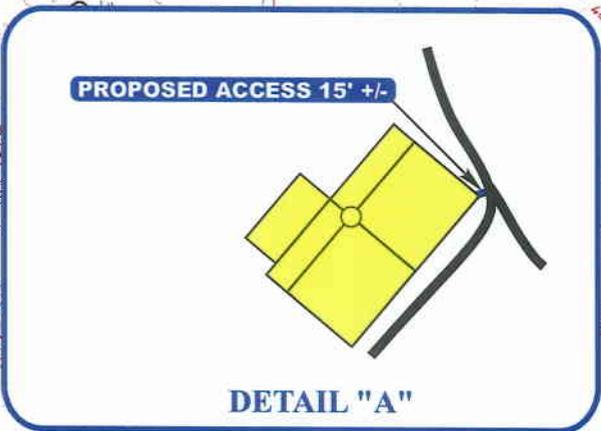
**TOPOGRAPHIC** 08 07 06  
 MAP MONTH DAY YEAR  
 SCALE: 1:100,000 DRAWN BY: C.P. REVISED: 00-00-00





**PROPOSED LOCATION:  
WRU EIH #6DML-35-8-22**

**SEE DETAIL "A"**



**LEGEND:**

- EXISTING ROAD
- PROPOSED ACCESS ROAD



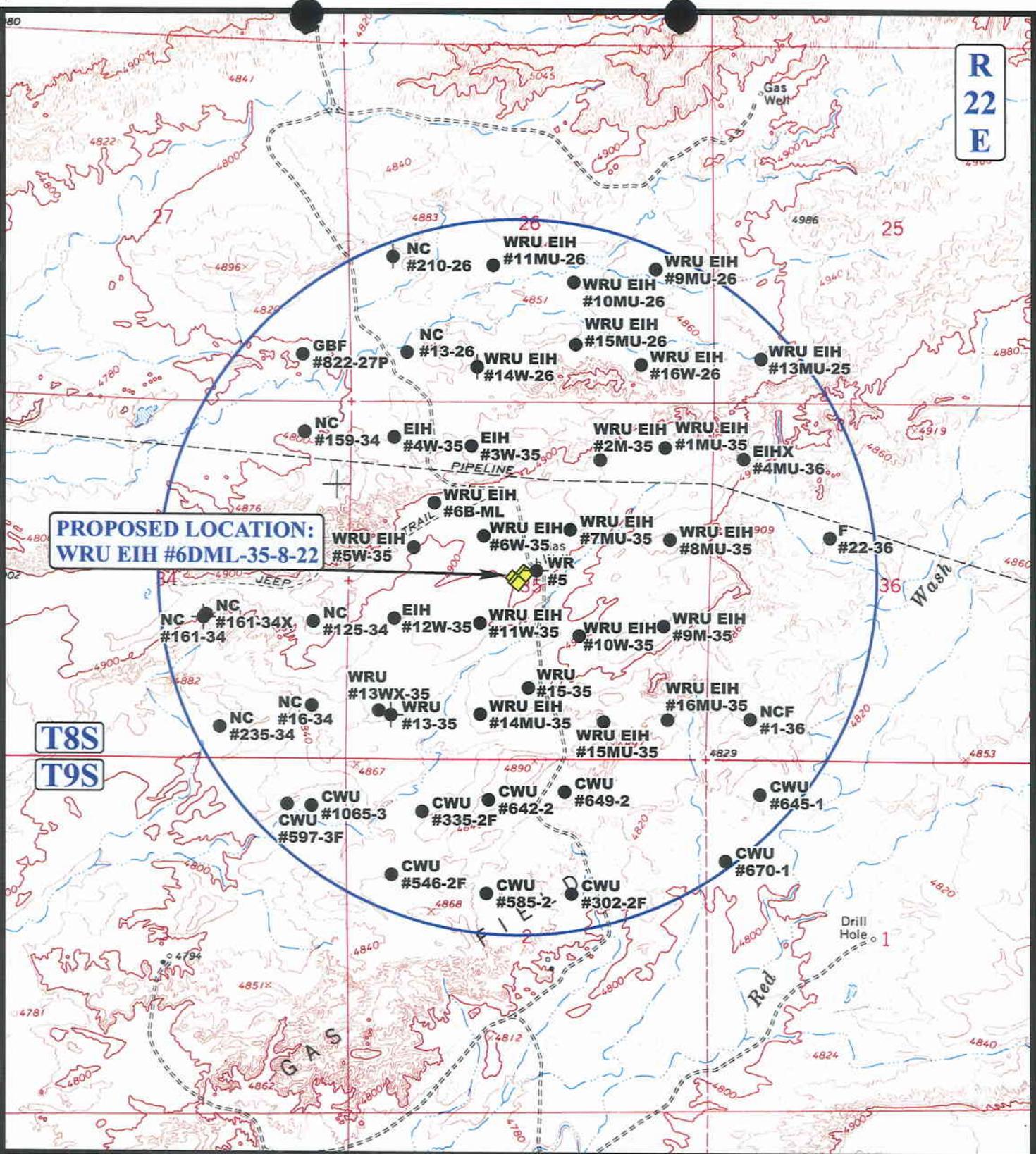
**QUESTAR EXPLR. & PROD.**

**WRU EIH #6DML-35-8-22  
SECTION 35, T8S, R22E, S.L.B.&M.  
2551' FNL 2492' FWL**

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

<b>TOPOGRAPHIC MAP</b>	<b>08</b>	<b>07</b>	<b>06</b>	<b>B TOPO</b>
	MONTH	DAY	YEAR	
SCALE: 1" = 2000'	DRAWN BY: C.P.		REVISED: 00-00-00	

R  
22  
E



**PROPOSED LOCATION:  
WRU EIH #6DML-35-8-22**

T8S  
T9S

**LEGEND:**

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



**QUESTAR EXPLR. & PROD.**

**WRU EIH #6DML-35-8-22  
SECTION 35, T8S, R22E, S.L.B.&M.  
2551' FNL 2492' FWL**



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

**TOPOGRAPHIC MAP** 08 07 06  
MONTH DAY YEAR  
SCALE: 1" = 2000' DRAWN BY: C.P. REVISED: 00-00-00





**WORKSHEET  
APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 09/21/2006

API NO. ASSIGNED: 43-047-38640

WELL NAME: WRU EIH 6DML-35-8-22

OPERATOR: QEP UINTA BASIN, INC. ( N2460 )

CONTACT: JAN NELSON

PHONE NUMBER: 435-781-4331

PROPOSED LOCATION:

SENW 35 080S 220E  
 SURFACE: 2551 FNL 2492 FWL  
 BOTTOM: 2551 FNL 2492 FWL  
 COUNTY: UINTAH  
 LATITUDE: 40.07962 LONGITUDE: -109.4071  
 UTM SURF EASTINGS: 635819 NORTHINGS: 4437600  
 FIELD NAME: NATURAL BUTTES ( 630 )

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

LEASE TYPE: 1 - Federal

LEASE NUMBER: UTU-01089

SURFACE OWNER: 1 - Federal

PROPOSED FORMATION: MVRD

COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

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

LOCATION AND SITING:

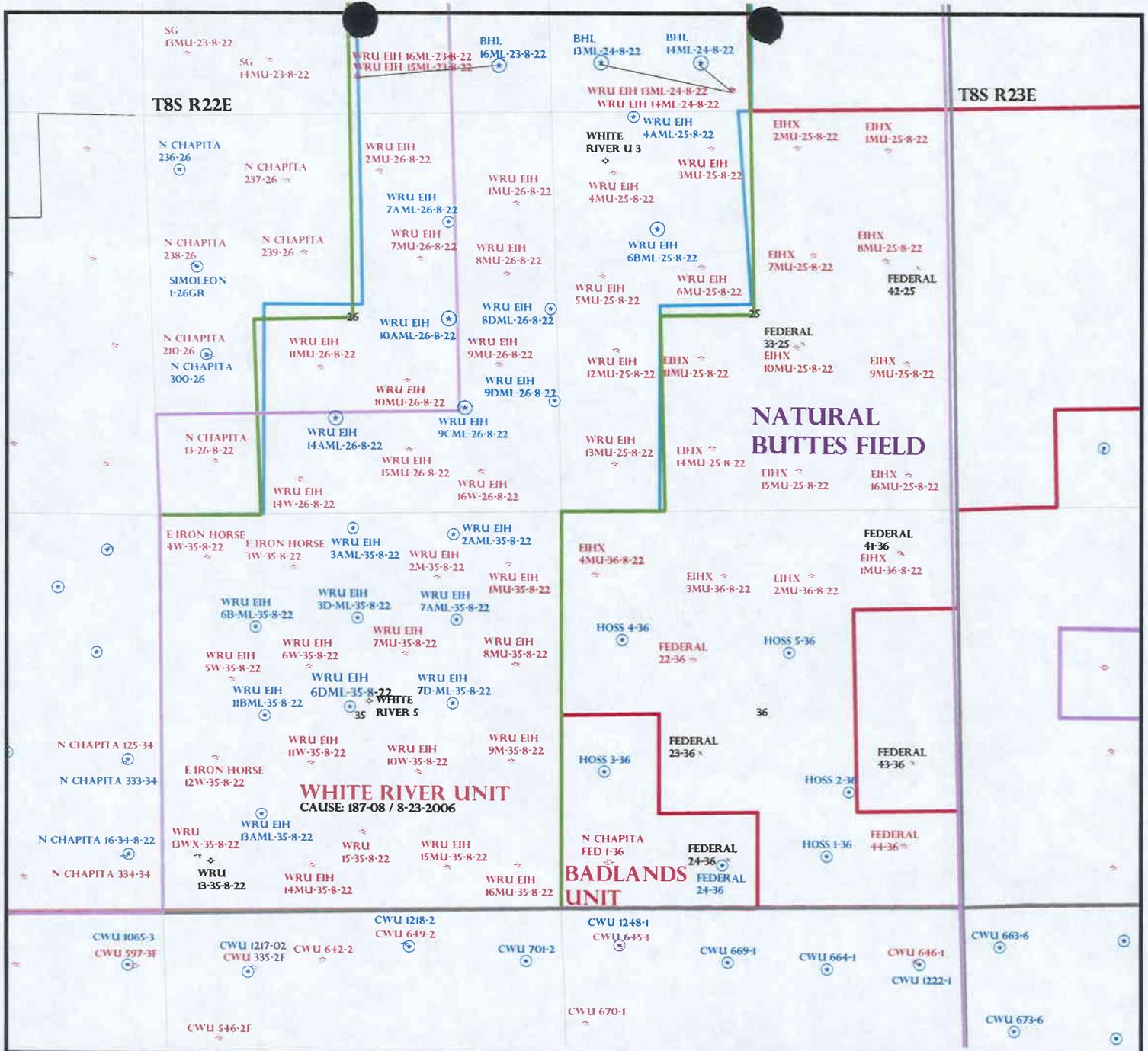
- \_\_\_\_\_ R649-2-3.
- Unit: WHITE RIVER
- \_\_\_\_\_ R649-3-2. General  
Siting: 460 From Qtr/Qtr & 920' Between Wells
- \_\_\_\_\_ R649-3-3. Exception
- Drilling Unit  
Board Cause No: 187-08  
Eff Date: 8-23-2006  
Siting: Suspend General Siting
- \_\_\_\_\_ R649-3-11. Directional Drill

COMMENTS:

(See Separate File)

STIPULATIONS:

1- Federal Approval



OPERATOR: QEP UINTAH BASIN (N2460)  
 SEC: 25,26,35 T.8S R. 22E  
 FIELD: NATURAL BUTTES (630)  
 COUNTY: UINTAH  
 CAUSE: 187-08 / 8-23-2006

**Field Status**

ABANDONED
ACTIVE
COMBINED
INACTIVE
PROPOSED
STORAGE
TERMINATED

**Unit Status**

EXPLORATORY
GAS STORAGE
NF PP OIL
NF SECONDARY
PENDING
PI OIL
PP GAS
PP GEOTHERML
PP OIL
SECONDARY
TERMINATED

**Wells Status**

GAS INJECTION
GAS STORAGE
LOCATION ABANDONED
NEW LOCATION
PLUGGED & ABANDONED
PRODUCING GAS
PRODUCING OIL
SHUT-IN GAS
SHUT-IN OIL
TEMP. ABANDONED
TEST WELL
WATER INJECTION
WATER SUPPLY
WATER DISPOSAL
DRILLING



PREPARED BY: DIANA WHITNEY  
 DATE: 22-SEPTEMBER-2006

# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Utah State Office

P.O. Box 45155

Salt Lake City, Utah 84145-0155

**IN REPLY REFER TO:**

**3160  
(UT-922)**

September 25, 2006

**Memorandum**

**To:** Assistant District Manager Minerals, Vernal District

**From:** Michael Coulthard, Petroleum Engineer

**Subject:** 2006 Plan of Development White River Unit, Uintah County, Utah.

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following wells are planned for calendar year 2006 within the White River Unit, Uintah County, Utah.

API#	WELL NAME	LOCATION
(Proposed PZ MesaVerde)		
43-047-38649	WRU EIH 09CML-26-8-22	Sec 26 T08S R22E 1408 FSL 1226 FEL
43-047-38647	WRU EIH 10AML-26-8-22	Sec 26 T08S R22E 2588 FSL 1406 FEL
43-047-38648	WRU EIH 14AML-26-8-22	Sec 26 T08S R22E 1274 FSL 2375 FWL
43-047-38637	WRU EIH 07AML-26-8-22	Sec 26 T08S R22E 1410 FNL 1381 FEL
43-047-38638	WRU EIH 08DML-26-8-22	Sec 26 T08S R22E 2563 FNL 0061 FEL
43-047-38639	WRU EIH 09DML-26-8-22	Sec 26 T08S R22E 1492 FSL 0038 FEL
43-047-38650	WRU EIH 06BML-25-8-22	Sec 25 T08S R22E 1531 FNL 1387 FWL
43-047-38636	WRU EIH 04AML-25-8-22	Sec 25 T08S R22E 0030 FNL 1120 FWL
43-047-38640	WRU EIH 06DML-35-8-22	Sec 35 T08S R22E 2551 FNL 2492 FWL
43-047-38641	WRU EIH 07AML-35-8-22	Sec 35 T08S R22E 1409 FNL 1378 FEL
43-047-38642	WRU EIH 13AML-35-8-22	Sec 35 T08S R22E 1311 FSL 1308 FWL
43-047-38643	WRU EIH 02AML-35-8-22	Sec 35 T08S R22E 0280 FNL 1413 FEL
43-047-38644	WRU EIH 03AML-35-8-22	Sec 35 T08S R22E 0191 FNL 2555 FWL
43-047-38651	WRU EIH 09CML-23-8-22	Sec 23 T08S R22E 1560 FSL 1298 FEL
	BHL	Sec 23 T08S R22E 1317 FSL 1342 FEL

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

/s/ Michael L. Coulthard

**bcc:** File - White River Unit  
Division of Oil Gas and Mining  
Central Files  
Agr. Sec. Chron



**State of Utah**

**Department of  
Natural Resources**

MICHAEL R. STYLER  
*Executive Director*

**Division of  
Oil, Gas & Mining**

JOHN R. BAZA  
*Division Director*

JON M. HUNTSMAN, JR.  
*Governor*

GARY R. HERBERT  
*Lieutenant Governor*

September 25, 2006

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

Re: WRU EIH 6DML-35-8-22 Well, 2551' FNL, 2492' FWL, SE NW, Sec. 35,  
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 43-047-38640.

Sincerely,

*for* Gil Hunt  
Associate Director

pab  
Enclosures

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

Operator: QEP Uinta Basin, Inc.  
Well Name & Number WRU EIH 6DML-35-8-22  
API Number: 43-047-38640  
Lease: UTU-01089

Location: SE NW                      Sec. 35                      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.

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

**ROUTING**

1. DJJ
2. CDW

Change of Operator (Well Sold)

**X - Operator Name Change/Merger**

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

1/1/2007

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

CA No.		Unit:			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**

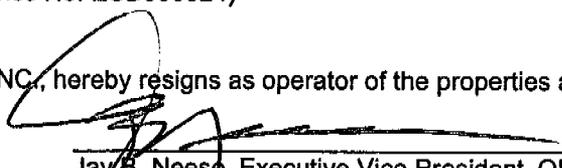
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

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 (Submit in Duplicate)  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 (Submit Original Form Only)  Date of work completion: _____			

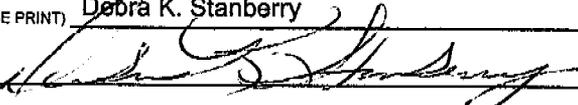
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

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

SUBMIT IN TRIPLICATE\*

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

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. UTU-01089
TYPE OF WELL <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE		6. IF INDIAN, ALLOTTEE OR TRIBE NAME N/A
OIL WELL GAS WELL OTHER		7. UNIT AGREEMENT NAME WHITE RIVER UNIT
2. NAME OF OPERATOR QEP UINTA BASIN, INC.		8. FARM OR LEASE NAME, WELL NO. WRU EIH 6DML-35-8-22
3. ADDRESS 11002 E. 17500 S. Vernal, Ut 84078		9. API NUMBER: 43-047-38640
Contact: Jan Nelson E-Mail: jan.nelson@questar.com		10. FIELD AND POOL, OR WILDCAT WHITE RIVER
Telephone number Phone 435-781-4331 Fax 435-781-4323		11. SEC., T, R, M, OR BLK & SURVEY OR AREA SEC. 35, T8S, R22E Mer SLB
4. LOCATION OF WELL (Report location clearly and in accordance with and State requirements*) At Surface 2551' FNL 2492' FWL SENW SECTION 35 T8S R22E At proposed production zone		12. COUNTY OR PARISH Uintah
14. DISTANCE IN MILES FROM NEAREST TOWN OR POSTOFFICE* 33 +/- - SOUTHEAST OF VERNAL, UTAH		13. STATE UT
15. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (also to nearest drig, unit line if any) 2492' +/-	16. NO. OF ACRES IN LEASE 640.00	17. NO. OF ACRES ASSIGNED TO THIS WELL 20
18. DISTANCE FROM PROPOSED location to nearest well, drilling, completed, applied for, on this lease, ft 1000' +/-	19. PROPOSED DEPTH 9,950'	20. BLM/BIA Bond No. on file ESB000024
21. ELEVATIONS (Show whether DF, RT, GR, ect.) 4902.9' GR	22. DATE WORK WILL START ASAP	23. Estimated duration 14 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:

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

SIGNED Jan Nelson Name (printed/typed) Jan Nelson DATE 9-18-06

TITLE Regulatory Affairs

(This space for Federal or State office use)

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

CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY [Signature] TITLE Assistant Field Manager DATE 2-1-2007

Lands & Mineral Resources DIV. OF OIL, GAS & MINING

\*See Instructions On Reverse Side

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

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

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SEP 20 2006

CONDITIONS OF APPROVAL ATTACHED

CONFIDENTIAL

NOTICE OF APPROVAL

BLM VERNAL, UTAH

06CW1639A

205 8/17/06

RECEIVED

FEB 07 2007

DATE 2-1-2007



**UNITED STATES DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
VERNAL FIELD OFFICE**

170 South 500 East      VERNAL, UT 84078      (435) 781-4400



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

**Company:** QEP Uinta Basin, Inc.  
**Well No:** WRU EIH 6DML-35-8-22  
**API No:** 43-047-38640

**Location:** SENW, Sec 35 T8S, R22E  
**Lease No:** UTU-01089  
**Agreement:** White River Unit

Title	Name	Office Phone Number	Cell Phone Number
Petroleum Engineer:	Matt Baker	435-781-4490	435-828-4470
Petroleum Engineer:	Michael Lee	435-781-4432	435-828-7875
Petroleum Engineer:	James Ashley	435-781-4470	435-828-7874
Petroleum Engineer:	Ryan Angus	435-781-4430	
Supervisory Petroleum Technician:	Jamie Sparger	435-781-4502	435-828-3913
NRS/Enviro Scientist:	Paul Buhler	435-781-4475	435-828-4029
NRS/Enviro Scientist:	Karl Wright	435-781-4484	
NRS/Enviro Scientist:	Holly Villa	435-781-4404	
NRS/Enviro Scientist:	Melissa Hawk	435-781-4476	435-828-7381
NRS/Enviro Scientist:	Chuck MacDonald	435-781-4441	
NRS/Enviro Scientist:	Jannice Cutler	435-781-3400	
NRS/Enviro Scientist:	Michael Cutler	435-781-3401	
NRS/Enviro Scientist:	Anna Figueroa	435-781-3407	
NRS/Enviro Scientist:	Verlyn Pindell	435-781-3402	
NRS/Enviro Scientist:	Darren Williams	435-781-4447	
NRS/Enviro Scientist:	Nathan Packer	435-781-3405	
<b>After Hours Contact Number: 435-781-4513</b>		<b>Fax: 435-781-4410</b>	

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

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

**NOTIFICATION REQUIREMENTS**

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

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

Conditions for Approval are in the APD or SOP

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

**General Surface COA**

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

## **DOWNHOLE CONDITIONS OF APPROVAL**

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

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

- A Cement Bond Log (CBL) shall be run in the production casing from the TD to the top of cement. A field copy of the CBL shall be submitted to the BLM Vernal Field Office for review.
- A formation integrity test shall be performed at the surface casing shoe.

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

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

- All oil and gas shows shall be adequately tested for commercial possibilities, reported, and protected.
- The lessee/operator must report encounters of all non oil & gas mineral resources (such as Gilsonite, tar sands, oil shale, etc.) to Peter Sokolosky or another geologist of the Vernal Field Office, in writing, within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.
- All shows of fresh water and minerals shall be reported and protected. A sample shall be taken of any water flows and a water analysis furnished the BLM, Vernal Field Office. All oil and gas shows shall be adequately tested for commercial possibilities, reported, and protected.
- No location shall be constructed or moved, no well shall be plugged, and no drilling or workover equipment shall be removed from a well to be placed in a suspended status without prior approval of the BLM, Vernal Field Office. If operations are to be suspended for more than 30 days, prior approval of the BLM, Vernal Field Office shall be obtained and notification given before resumption of operations.
- Chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.
- Any change in the program shall be approved by the BLM, Vernal Field Office. "Sundry Notices and Reports on Wells" (Form BLM 3160-5) shall be filed for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.
- Emergency approval may be obtained orally, but such approval does not waive the written report requirement. Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a suitable plan pursuant to Onshore Oil & Gas Order No. 1 of 43 CFR 3164.1 and prior approval by the BLM, Vernal Field Office.
- In accordance with 43 CFR 3162.4-3, this well shall be reported on the "Monthly Report of Operations" (Oil and Gas Operations Report ((OGOR)) starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 (303) 231-3650 for reporting information.
- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the

BLM, Vernal Field Office.

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

reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production.

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

CONFIDENTIAL

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

**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  GAS WELL  OTHER \_\_\_\_\_

2. NAME OF OPERATOR: **QUESTAR EXPLORATION & PRODUCTION CO.**

3. ADDRESS OF OPERATOR: **11002 E. 17500 S.** CITY **VERNAL** STATE **UT** ZIP **84078** PHONE NUMBER: **(435) 781-4301**

4. LOCATION OF WELL  
FOOTAGES AT SURFACE: **2551' FNL 2492' FWL** COUNTY: **UINTAH**  
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: **SENW 35 8S 22E** STATE: **UTAH**

5. LEASE DESIGNATION AND SERIAL NUMBER: **UTU-01089**

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

7. UNIT or CA AGREEMENT NAME: **WHITE RIVER UNIT**

8. WELL NAME and NUMBER: **WRU EIH 6DML-35-8-22**

9. API NUMBER: **4304738640**

10. FIELD AND POOL, OR WILDCAT: **WHITE RIVER**

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

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

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.  
**QUESTAR EXPLORATION & PRODUCTION CO. hereby requests a 1 year extension on the WRU EIH 6DML-35-8-22.**

Approved by the  
Utah Division of  
Oil, Gas and Mining

Date: 09-24-07  
By: [Signature]

NAME (PLEASE PRINT) Laura Bills TITLE Regulatory Affairs  
SIGNATURE [Signature] DATE 9/19/2007

(This space for State use only)

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SEP 24 2007

DIV. OF OIL, GAS & MINING

CONFIDENTIAL

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

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

**API:** 43-047-38640  
**Well Name:** WRU EIH 6DML-35-8-22  
**Location:** 2551' FNL 2492' FWL, SENW, SEC. 35, T8S, R22E  
**Company Permit Issued to:** QUESTAR EXPLORATION & PRODUCTION C  
**Date Original Permit Issued:** 9/25/2006

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

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

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

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

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

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

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

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

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

  
Signature

9/19/2007  
Date

Title: REGULATORY AFFAIRS

Representing: Questar Exploration & Production Co.

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SEP 24 2007

DIV. OF OIL, GAS & MINING

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

5. Lease Serial No.

UTU-01089

6. If Indian, Allottee or Tribe Name

N/A

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

WHITE RIVER UNIT

8. Well Name and No.

WRU EIH 6DML-35-8-22

9. API Well No.

43-047-38640

10. Field and Pool, or Exploratory Area

WHITE RIVER

11. County or Parish, State

UINTAH

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

1. Type of Well

Oil Well  Gas Well  Other

2. Name of Operator

Questar Exploration & Production Co.

Contact:

3a. Address

11002 East 17500 South Vernal, Utah 84078

3b. Phone No. (include area code)

435-781-4331

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

2551' FNL 2492' FWL SENW SECTION 35, T8S, R22E

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

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

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

Questar Exploration & Production Co. (QEP) proposes to drill this well to the Dakota formation. The approved TD the new proposed TD will be 15,400'. In addition QEP has moved the location in order to accommodate a larger and the reserve pit that will be required to drill this well. No other lease owners are effected by this change.

The new footages are as follows: 2557' FNL 2435' FWL

635802X 40,079605  
44375984 - 109,407292

RMA  
KS  
VD  
PIC  
Name change

Please refer to the attached revised Drilling Plan and Location Plats.

QEP proposes to change the well name from WRU EIH 6DML-35-8-22 to WRU EIH 6DD-35-8-22.

COPY SENT TO OPERATOR  
Date: 10-11-07  
pm

Approved by the  
Utah Division of  
Oil, Gas and Mining

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

Name (Printed/Typed)

Jan Nelson

Signature

Title

Regulatory Affairs

Date

October 1, 2007

Date: 10-10-07

By:

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Title

Date

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

Office

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

(Instructions on reverse)

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DIV. OF OIL, GAS & MINING

CONFIDENTIAL

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

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

5. Lease Serial No.  
**UTU-01089**

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

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

8. Well Name and No.  
**WRU EIH 6DML-35-8-22**

9. API Well No.  
**43-047-38640**

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**WHITE RIVER**

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

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

1. Type of Well  
 Oil Well  Gas Well  Other

2. Name of Operator  
**Questar Exploration & Production Co.** Contact:

3a. Address **11002 East 17500 South Vernal, Utah 84078** 3b. Phone No. (include area code) **435-781-4331**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
**2551' FNL 2492' FWL SENW SECTION 35, T8S, R22E**

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			<input type="checkbox"/> Water Shut-Off
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 44375984 - 109,407292

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10-11-07  
pm

Approved by the  
Utah Division of  
Oil, Gas and Mining

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

Name (Printed/Typed)  
**Jan Nelson**

Signature  
*Jan Nelson*

Title  
**Regulatory Affairs**

Date  
**October 1, 2007**

Date: **10-10-07**

By: *[Signature]*

**THIS SPACE FOR FEDERAL OR STATE USE**

Approved by

Title

Date

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(Instructions on reverse)

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DIV. OF OIL, GAS & MINING

CONFIDENTIAL

DRILLING PROGRAM

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

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

**1. Formation Tops**

The estimated tops of important geologic markers are as follows:

<u>Formation</u>	<u>Depth</u>
Uinta	Surface
Green River	2,283'
Wasatch	5,228'
Mesaverde	8,740'
Castlegate	10,153'
Blackhawk	10,655'
Mancos Shale	11,017'
Mancos B	11,415'
Frontier	13,917'
Dakota Silt	14,801'
Dakota	14,993'
Morrison	15,373'
TD	15,400'

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

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

<u>Substance</u>	<u>Formation</u>	<u>Depth</u>
Gas	Wasatch	5,228'
Gas	Mesaverde	8,740'
Gas	Blackhawk	7,703'
Gas	Mancos Shale	11,017'
Gas	Mancos B	11,415'
Gas	Dakota	14,993'

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

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

- A. 11" 5000 psi double gate, 5,000 psi annular BOP (schematic included) from surface hole to 7" casing point. 10,000 psi 13-5/8" equipment may be substituted for the 5000 psi equipment.
- B. 11" 10,000 psi double gate, 10,000 psi single gate, 10,000 psi annular BOP (schematic included) from 7" casing point to total depth. 13-5/8" 10,000 psi equipment may be substituted for the 11" 10,000 psi equipment.
- C. Functional test daily
- D. All casing strings shall be pressure tested (0.2 psi/foot or 1500 psi, whichever is greater) prior to drilling the plug after cementing; test pressure shall not exceed the internal yield pressure of the casing.
- E. Ram type preventers and associated equipment shall be tested to approved stack working pressure if isolated by test plug or to 50 percent of internal yield pressure of casing whichever is less. BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc..., for a 10M system and individual components shall be operable as designed.

DRILLING PROGRAM

4. **Casing Design:**

Hole Size	Csg. Size	Top (MD)	Bottom (MD)	Wt.	Grade	Thread	Cond.
26"	20"	Sfc	40-60'	Steel	Cond.	None	Used
14-3/4"	10-3/4"	Sfc	1100'	40.5	J-55	STC	New
8-1/2"	7"	Sfc	9000'	26	HCP-110	LTC	New
8-1/2"	7"	9000'	10,615'	29* SDrift	HCP-110	LTC	New
6-1/8"	4-1/2"	sfc	13,700'	15.1	P-110	LTC	New
6-1/8"	4-1/2"	13,700'	15,400'	15.1	Q-125	LTC	New

Casing Strengths:				Collapse	Burst	Tensile (minimum)
10-3/4"	40.5 lb.	J-55	STC	1,580 psi	3,130 psi	420,000 lb.
7"	26 lb.	HCP-110	LTC	7,800 psi	9,950 psi	693,000 lb.
7"	29 lb.*	HCP-110	LTC	9,200 psi	11,220 psi	797,000 lb.
4-1/2"	15.1 lb.	P-110	LTC	14,350 psi	14,420 psi	406,000 lb.
4-1/2"	15.1 lb.	Q-125	LTC	15,840 psi	16,380 psi	438,000 lb.

\* **Special Drift**

**MINIMUM DESIGN FACTORS:**

COLLAPSE: 1.125

BURST: 1.10

TENSION: 1.80

Area Fracture Gradient: 0.9 psi/foot

Maximum anticipated mud weight: 15.4 ppg

Maximum surface treating pressure: 12,500 psi

5. **Auxiliary Equipment**

A. Kelly Cock – yes

DRILLING PROGRAM

- B. Float at the bit – yes
- 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 15.4 ppg.

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

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

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

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

- A. Cores – none anticipated
- B. DST – none anticipated
- C. Logging – Mud logging – 4500’ to TD  
GR-SP-Induction, Neutron Density, FMI/Sonic Scanner
- D. Formation and Completion Interval: Mancos interval, final determination of completion will be made by analysis of logs.

## DRILLING PROGRAM

Stimulation – Stimulation will be designed for the particular area of interest as encountered.

### 7. Cementing Program

#### **20" Conductor:**

Cement to surface with construction cement.

#### **10-3/4" Surface Casing: sfc – 1100' (MD)**

**Slurry:** 0' – 1100'. 1020 sxs (1224 cu ft) Premium cement + 0.25 lbs/sk Flocele + 2% CaCl<sub>2</sub> Slurry wt: 15.6 ppg, slurry yield: 1.20 ft<sup>3</sup>/sx, slurry volume: 12/1/4" hole + 100% excess.

#### **7" Intermediate Casing: sfc - 10,615' (MD)**

**Foamed Lead Slurry 2:** sfc' – 10,015'. 1526 sks (2259 cu ft) 50/50 Poz Premium + 5 lb/sk silicalite compacted light weight additive + 20% SSA-1 additive + 0.3% FDP-C766-05 fluid loss + 0.2% Versaset thixotropic additive + 1.5% Zonesealant 2000 foamer. Slurry wt: 14.3 ppg, foamed 11.5 ppg, Slurry yield: 1.48 ft<sup>3</sup>/sk, Slurry yield foamed: 1.96 ft<sup>3</sup>/sk, Slurry volume: 8-1/2" hole + 50% excess.

**Tail Slurry:** 10,015' – 10,615'. 91 sks (135 cu ft) of 50/50 Poz Premium + 5 lb/sk silicalite compacted light weight additive + 20% SSA-1 additive + 0.3% FDP-C766-05 fluid loss + 0.2% Versaset thixotropic additive. Slurry wt: 14.3 ppg, Slurry yield: 1.48 ft<sup>3</sup>/sk, Slurry volume: 8-1/2" hole + 50% excess.

#### **4-1/2" Production Casing: sfc' - 15,400' (MD)**

**Lead/Tail Slurry:** 5,000 - 15,400'. 747 sks (1224cu ft) Premium Cement + 0.5% HR-12 retarder + 35% SSA-1 + 0.2% Suspend HT + 0.4% Halad(R)-344 fluid loss + 0.3% Halad(R)-413 fluid loss + 0.4% Super CBL gas migration + 0.2% HR-25 retarder. Slurry wt: 15.25 ppg, Slurry yield: 1.64 ft<sup>3</sup>/sk, Slurry volume: 6-1/8" hole + 25% in open hole section.

\*Final cement volumes to be calculated from caliper log with an attempt to be made to circulate cement to the surface on the intermediate string and 5,000' on the production string. A bond log will be run across the zone of interest and across zones as required by the authorized officer to insure protection of natural resources.

### 8. Anticipated Abnormal Pressures and Temperatures, Other Potential Hazards

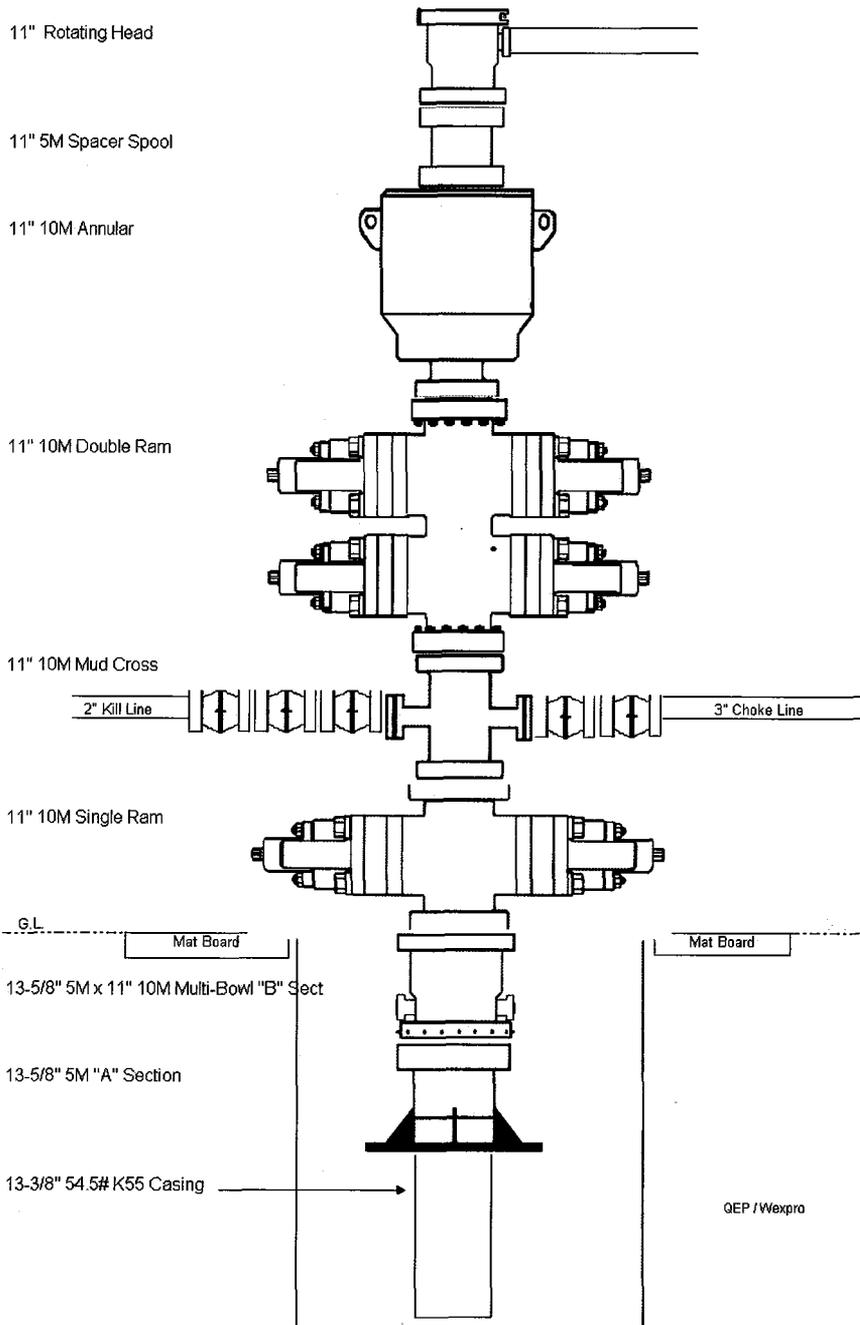
No abnormal temperatures or pressures are anticipated. No H<sub>2</sub>S has been encountered in or known to exist from previous wells drilled to similar depths in the general area. Maximum anticipated bottom hole pressure equals approximately 10,490 psi. Maximum anticipated bottom hole temperature is 290° F.

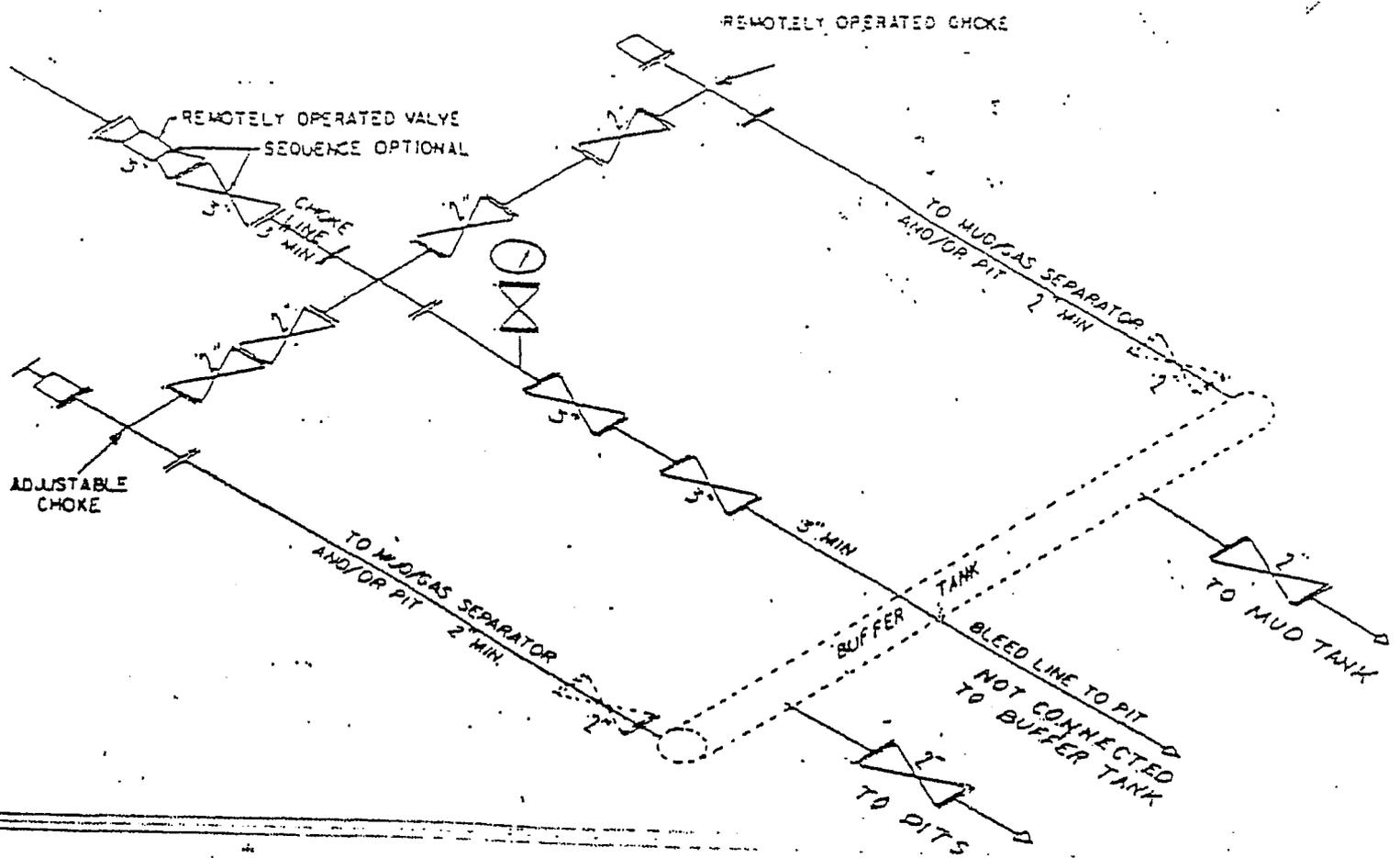
### DRILLING PROGRAM

**Purpose:**

The stack arrangement with the 7" liner hanger allows an 11" stack to fit in the sub of Ensign 24 and True 32. This arrangement requires using a 5000 psi 13-5/8" double gate stack until the 9-5/8" is set. After the 9-5/8" casing is set, a spacer spool is nippeded down and an 13-5/8" 5000 psi x 13-5/8" 10,000 psi "B" section is nippeded up. The 11" 10K stack is nippeded up on top of the "B" section.

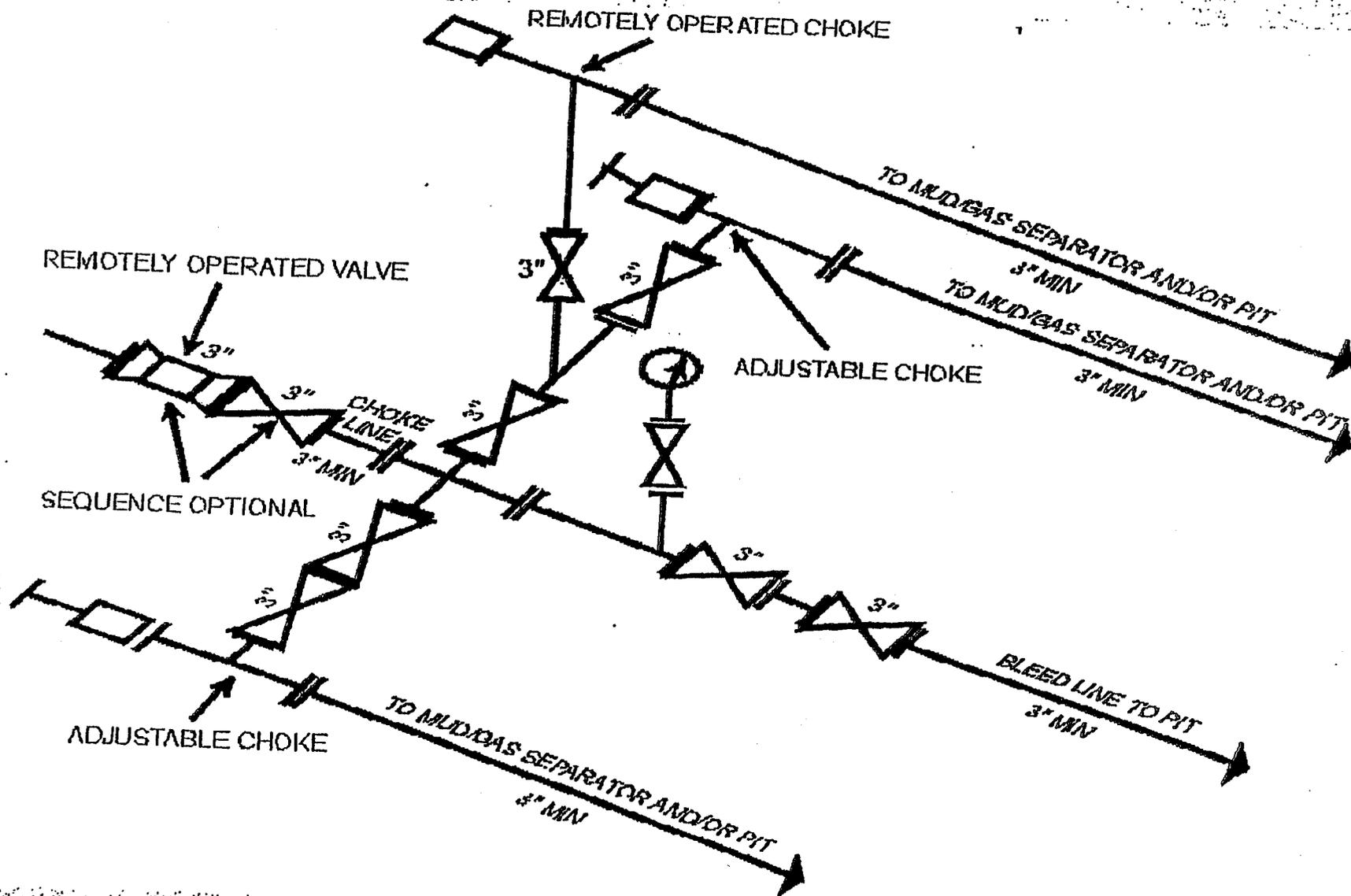
**BOP Requirements:**





② 5M CHOKE MANIFOLD EQUIPMENT — CONFIGURATION OF CHOKES MAY VARY

Attachment I. Diagrams of Choke Manifold Equipment

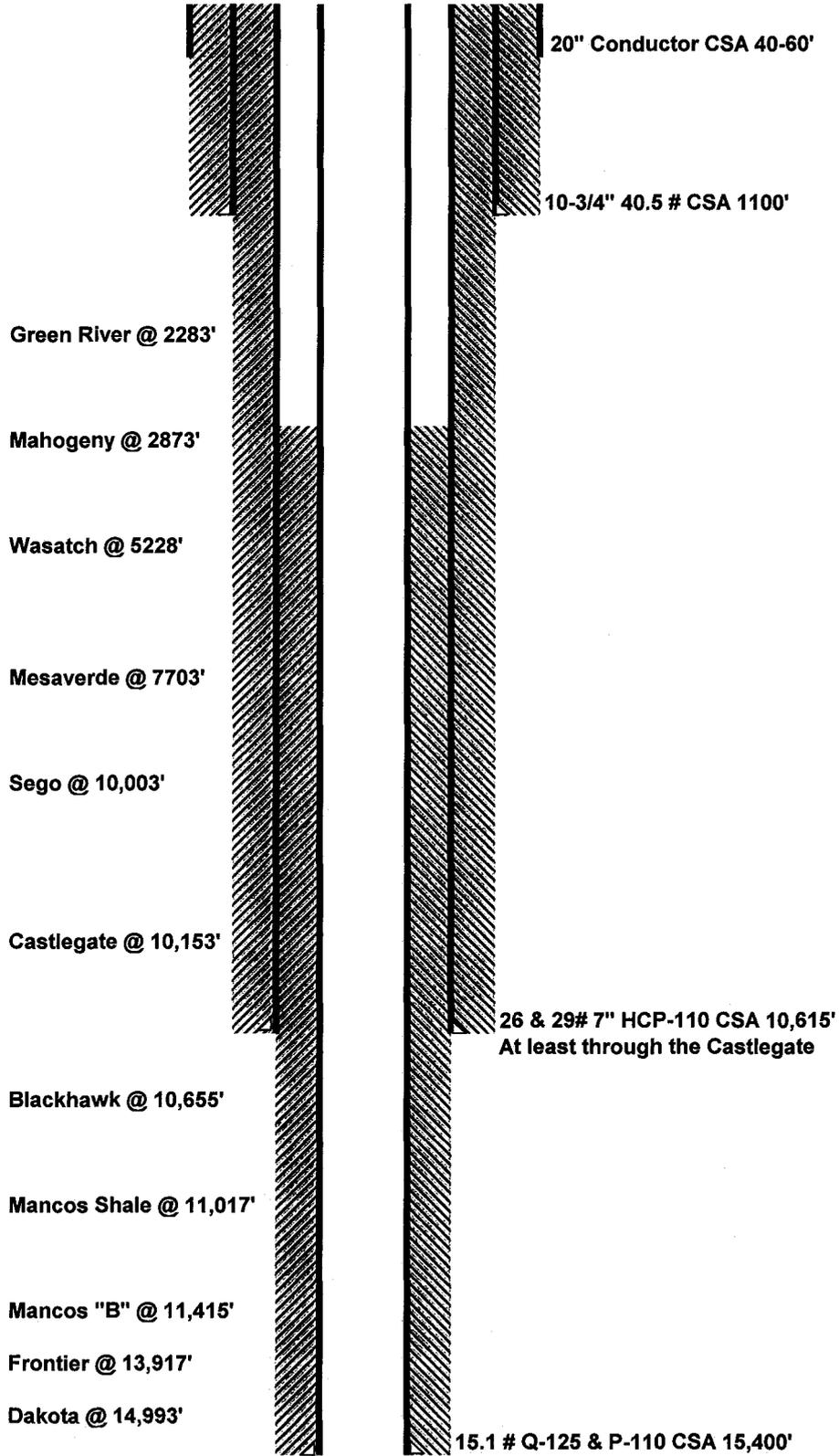


I-4 10M and 15M Choke Manifold Equipment -- Configuration of chokes may vary

[54 FR 39528, Sept. 27, 1989]

Last Updated March 25, 1997 by John Broderick

# WRU EIH 6DD-35-8-22



# QUESTAR EXPLR. & PROD.

WRU EIH #6DD-35-8-22

LOCATED IN UINTAH COUNTY, UTAH

SECTION 35, T8S, R22E, S.L.B.&M.

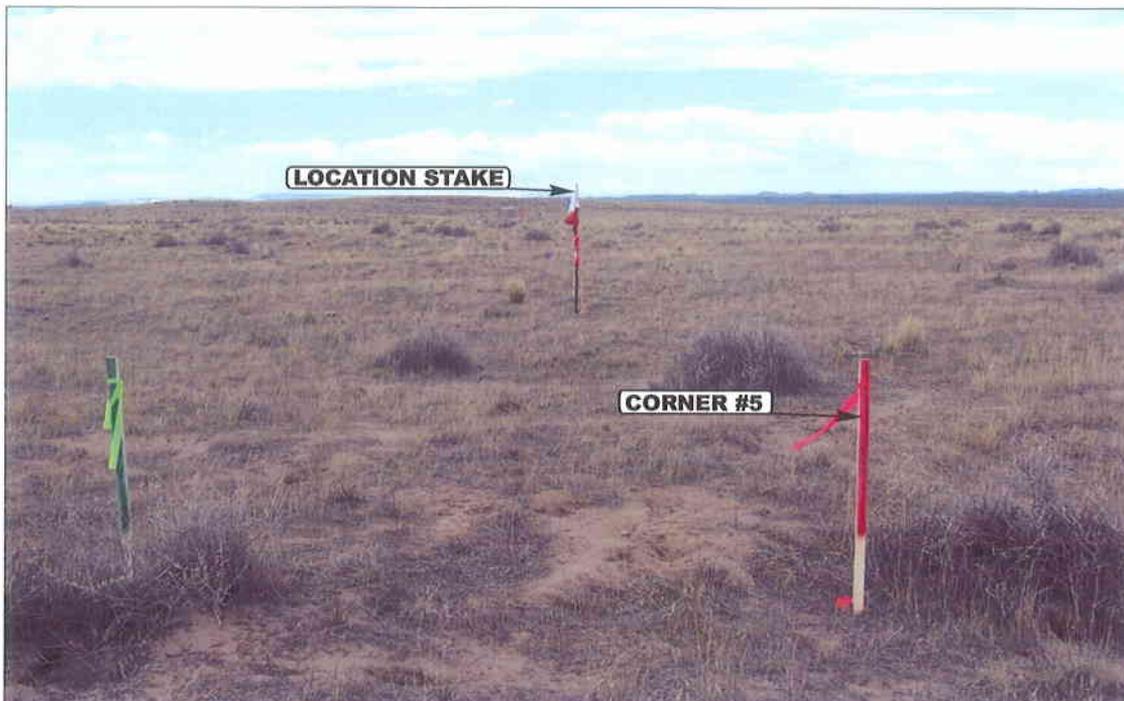


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: SOUTHEASTERLY



PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: NORTHWESTERLY



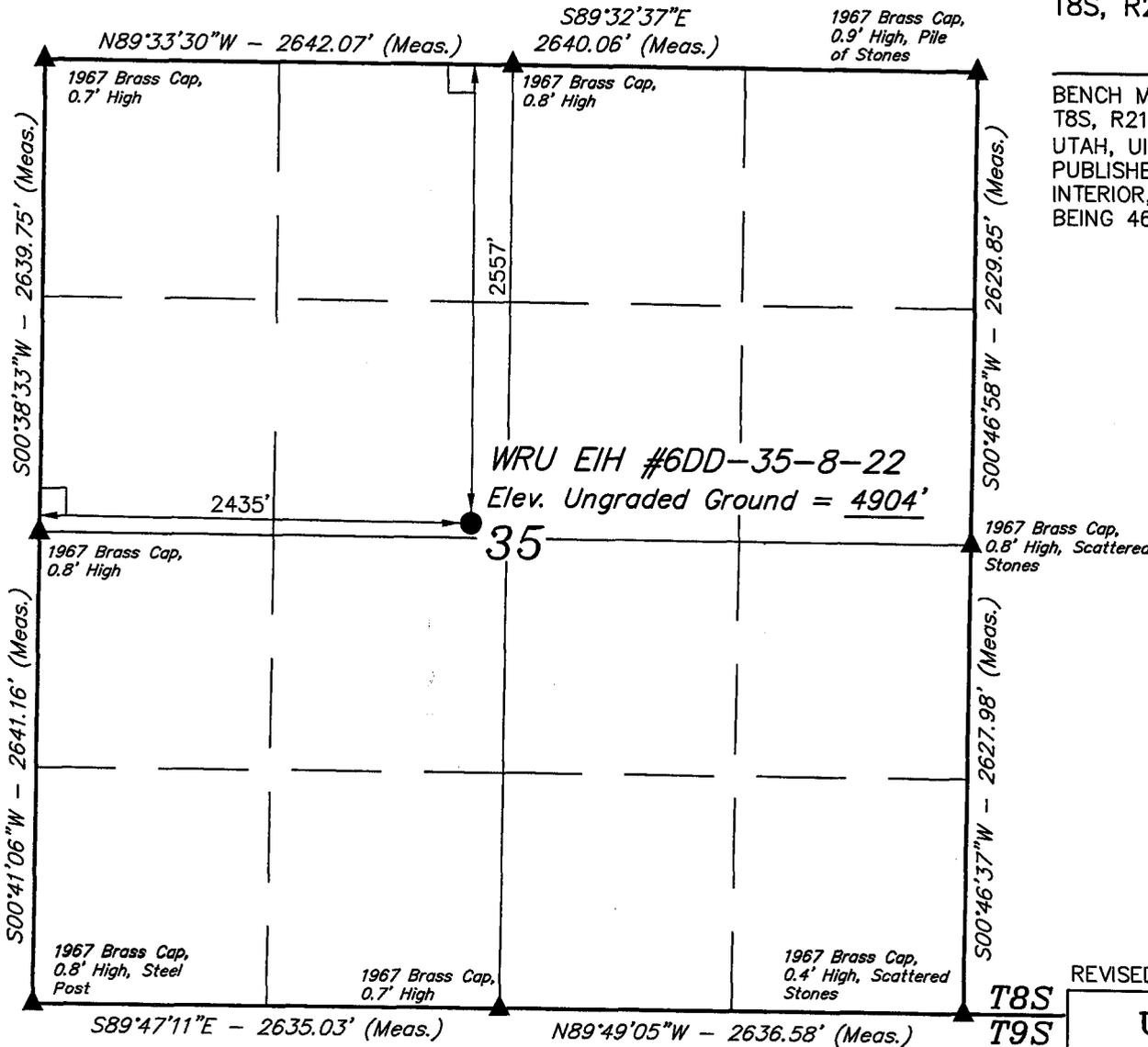
**UELS** Uintah Engineering & Land Surveying  
85 South 200 East Vernal, Utah 84078  
435-789-1017 uels@uelsinc.com

<b>LOCATION PHOTOS</b>	<b>08</b>	<b>07</b>	<b>06</b>	<b>PHOTO</b>
	MONTH	DAY	YEAR	
TAKEN BY: B.B.	DRAWN BY: C.P.		REVISED: 09-11-07	

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

QUESTAR EXPLR. & PROD.

Well location, WRU EIH #6DD-35-8-22, located as shown in the SE 1/4 NW 1/4 of Section 35, T8S, R22E, S.L.B.&M. Uintah County, Utah.

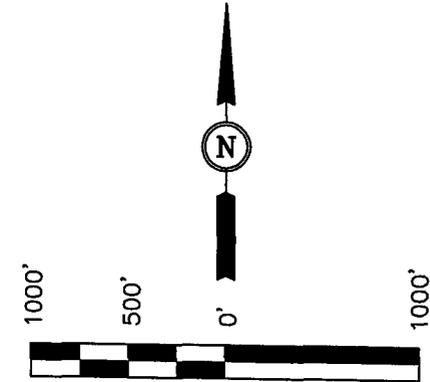


**BASIS OF ELEVATION**

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**

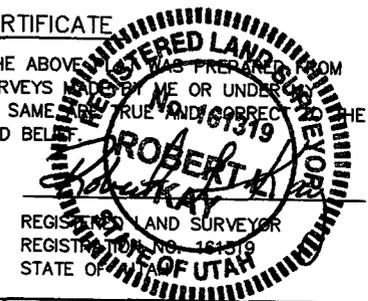
BASIS OF BEARINGS IS A G.P.S. OBSERVATION.



SCALE

**CERTIFICATE**

THIS IS TO CERTIFY THAT THE ABOVE SURVEY 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.



REVISED: 09-10-07 L.K.

**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°04'46.60" (40.079611)  
 LONGITUDE = 109°24'28.55" (109.407931)  
 (NAD 27)  
 LATITUDE = 40°04'46.73" (40.079647)  
 LONGITUDE = 109°24'26.09" (109.407247)

SCALE 1" = 1000'	DATE SURVEYED: 08-02-06	DATE DRAWN: 08-05-06
PARTY B.B. T.A. C.H.	REFERENCES G.L.O. PLAT	
WEATHER HOT	FILE QUESTAR EXPLR. & PROD.	

**QUESTAR EXPLR. & PROD.**

**LOCATION LAYOUT FOR**

WRU EIH #6DD-35-8-22  
SECTION 35, T8S, R22E, S.L.B.&M.  
2557' FNL 2435' FWL

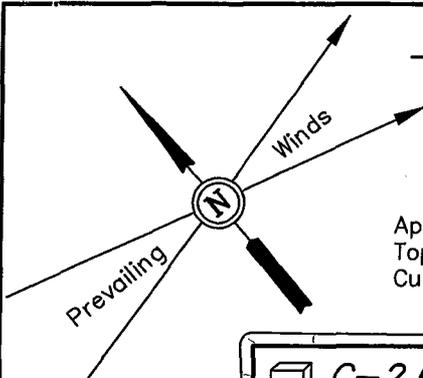
**FIGURE #1**

SCALE: 1" = 50'

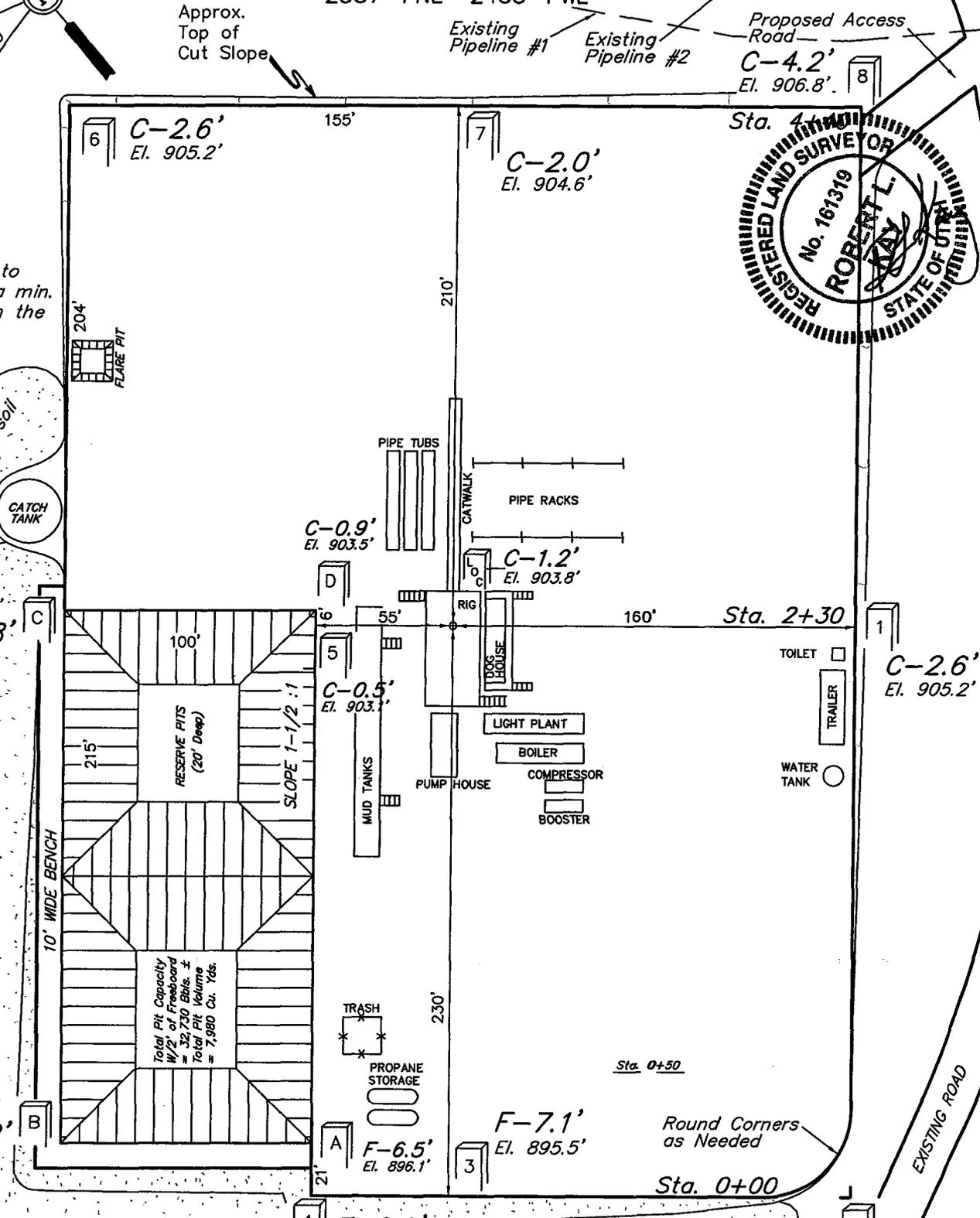
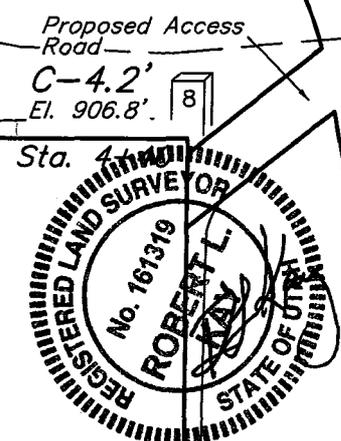
DATE: 08-05-06

DRAWN BY: C.H.

REVISED: 09-10-07 L.K.



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



**NOTES:**  
Elev. Ungraded Ground At Loc. Stake = 4903.8'  
FINISHED GRADE ELEV. AT LOC. STAKE = 4902.6'

**QUESTAR EXPLR. & PROD.**

**TYPICAL CROSS SECTIONS FOR**

WRU EIH #6DD-35-8-22  
SECTION 35, T8S, R22E, S.L.B.&M.  
2557' FNL 2435' FWL

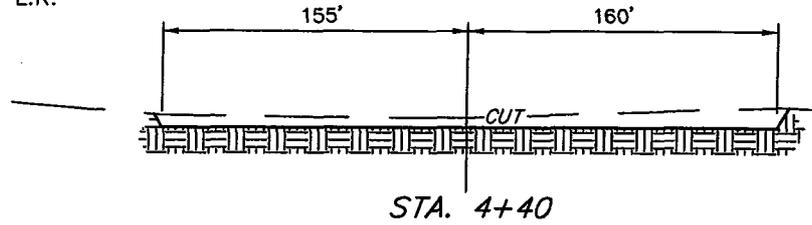
FIGURE #2

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

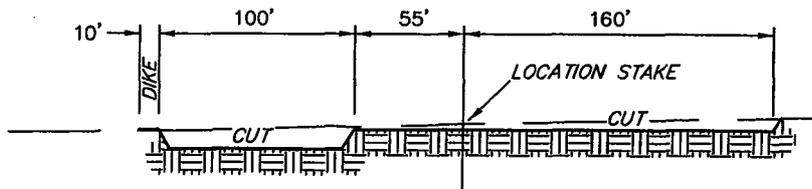
DATE: 08-05-06

DRAWN BY: C.H.

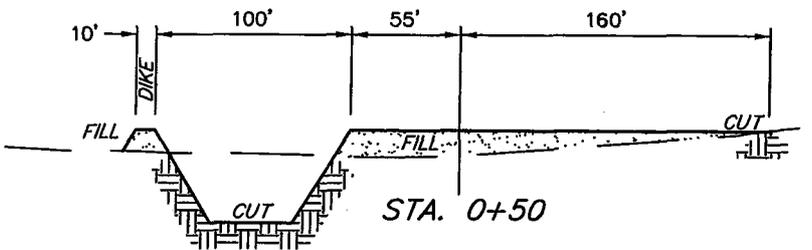
REVISED: 09-10-07 L.K.



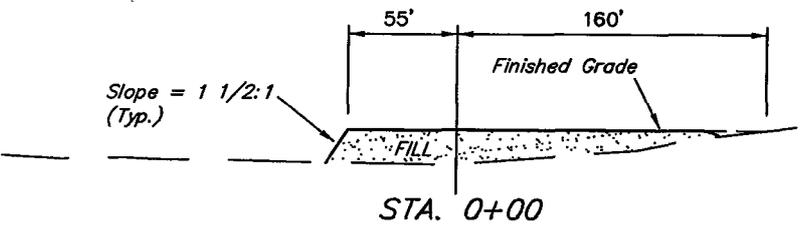
STA. 4+40



STA. 2+30



STA. 0+50



STA. 0+00

APPROXIMATE ACREAGES

WELL SITE DISTURBANCE = ± 3.105 ACRES  
ACCESS ROAD DISTURBANCE = ± 0.255 ACRES  
PIPELINE DISTURBANCE = ± 0.213 ACRES  
TOTAL = ± 3.634 ACRES

\* NOTE:  
FILL QUANTITY INCLUDES  
5% FOR COMPACTION

NOTE:

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

APPROXIMATE YARDAGES

**CUT**  
(6") Topsoil Stripping = 2,800 Cu. Yds.  
Remaining Location = 10,160 Cu. Yds.  
**TOTAL CUT = 12,960 CU.YDS.**  
**FILL = 5,560 CU.YDS.**

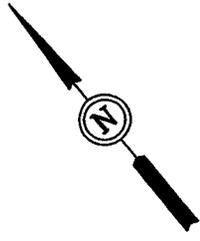
EXCESS MATERIAL = 7,400 Cu. Yds.  
Topsoil & Pit Backfill = 6,790 Cu. Yds.  
(1/2 Pit Vol.)  
EXCESS UNBALANCE = 610 Cu. Yds.  
(After Interim Rehabilitation)

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

QUESTAR EXPLR. & PROD.  
INTERIM RECLAMATION PLAN FOR

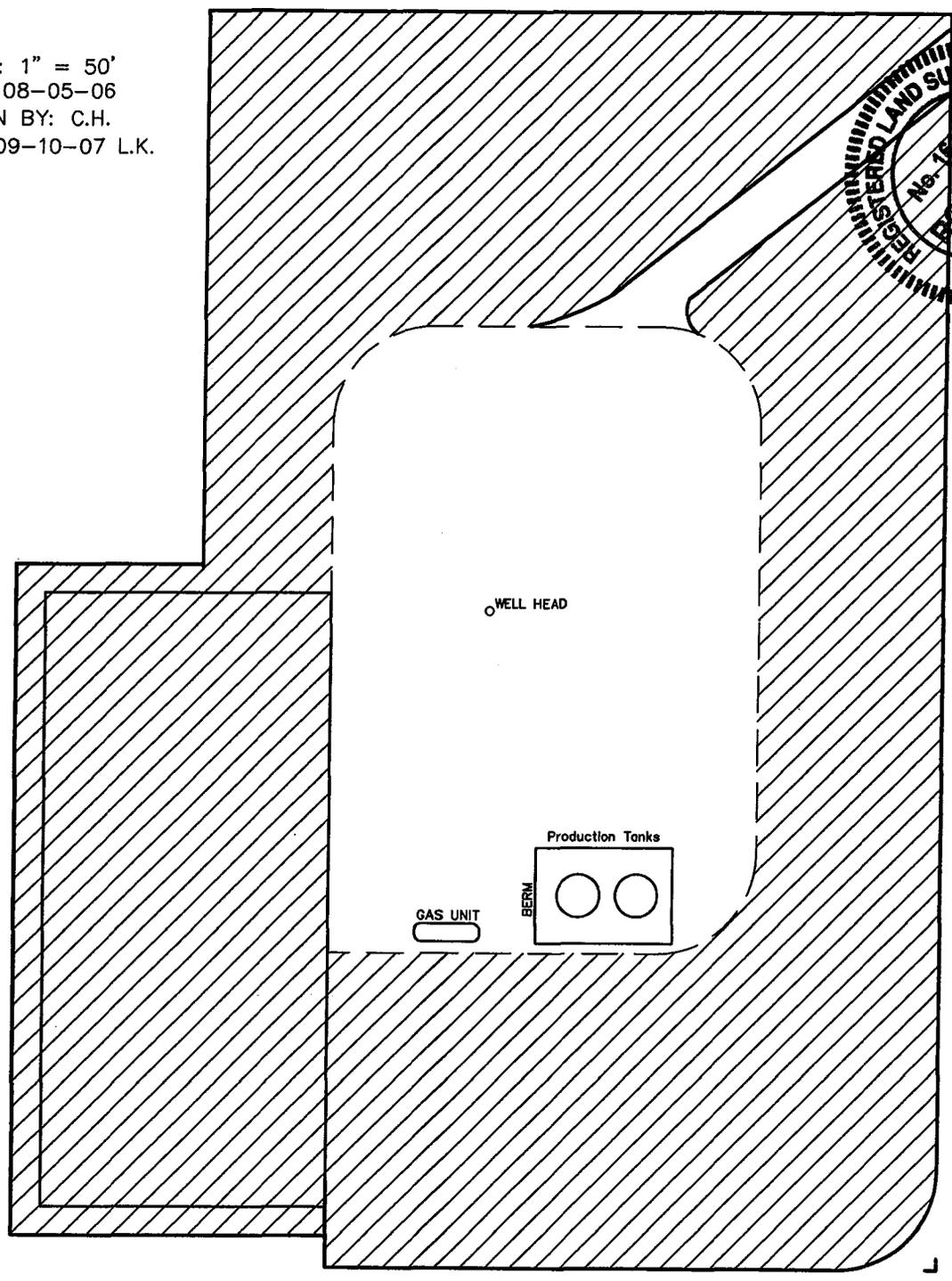
FIGURE #3

WRU EIH #6DD-35-8-22  
SECTION 35, T8S, R22E, S.L.B.&M.  
2557' FNL 2435' FWL

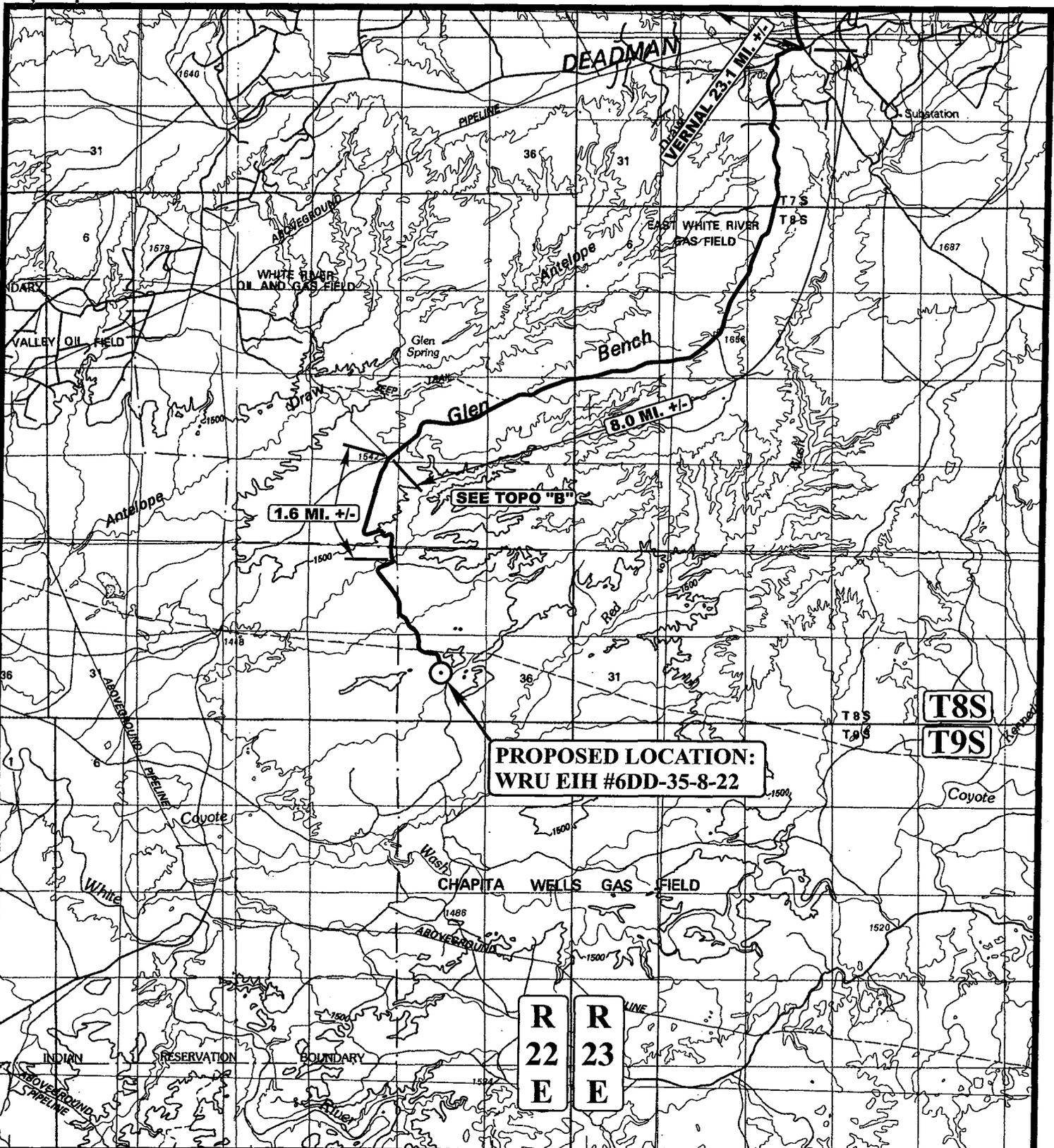


Access Road

SCALE: 1" = 50'  
DATE: 08-05-06  
DRAWN BY: C.H.  
REVISED: 09-10-07 L.K.



 INTERIM RECLAMATION



**LEGEND:**

⊙ PROPOSED LOCATION



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



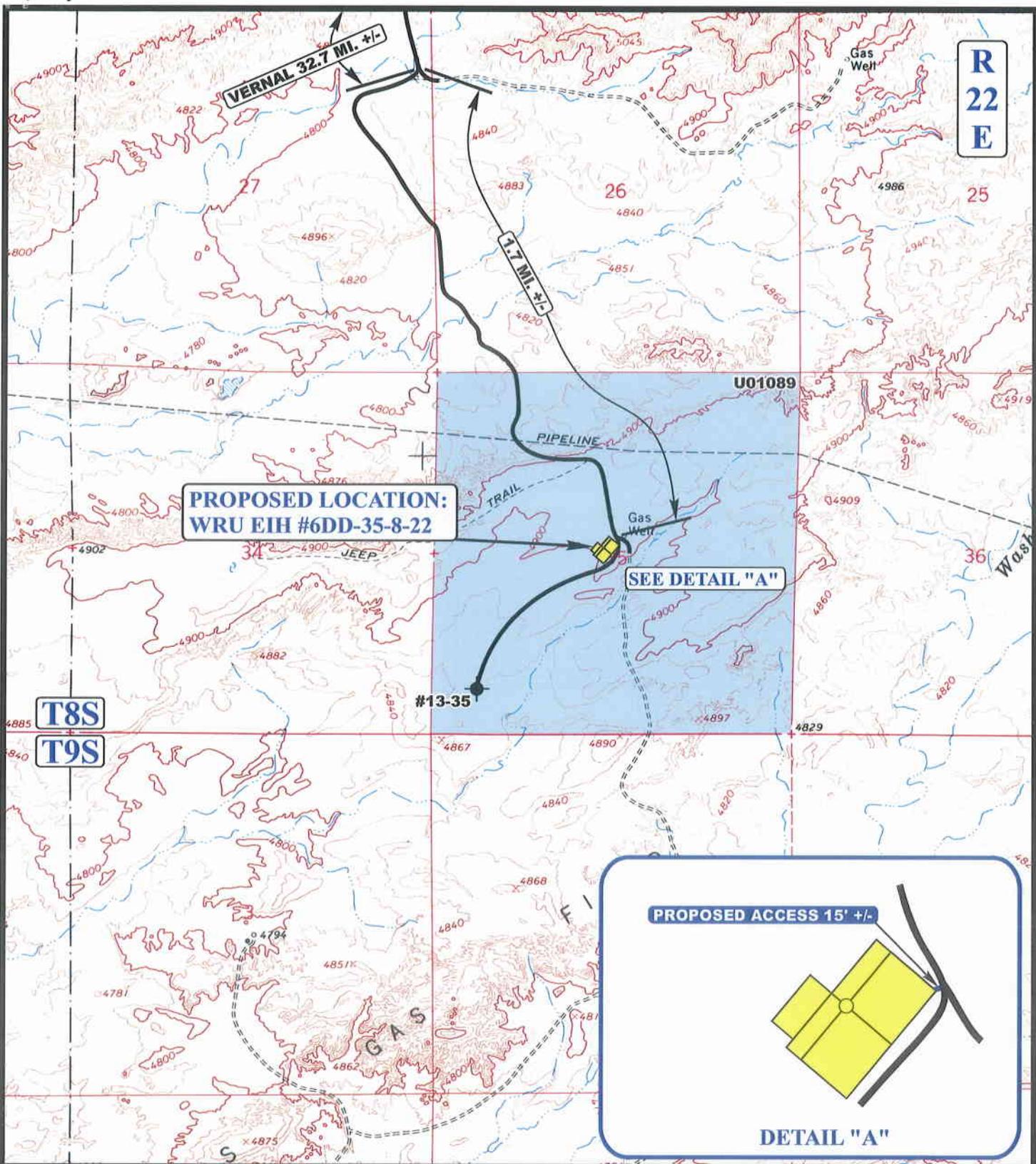
**QUESTAR EXPLR. & PROD.**

WRU EIH #6DD-35-8-22  
 SECTION 35, T8S, R22E, S.L.B.&M.  
 2557' FNL 2435' FWL

**TOPOGRAPHIC**  
**MAP**  
 SCALE: 1:100,000 DRAWN BY: C.P.

**08** **07** **06**  
 MONTH DAY YEAR  
 REVISED: 09-11-07





**LEGEND:**

- EXISTING ROAD
- PROPOSED ACCESS ROAD



**QUESTAR EXPLR. & PROD.**

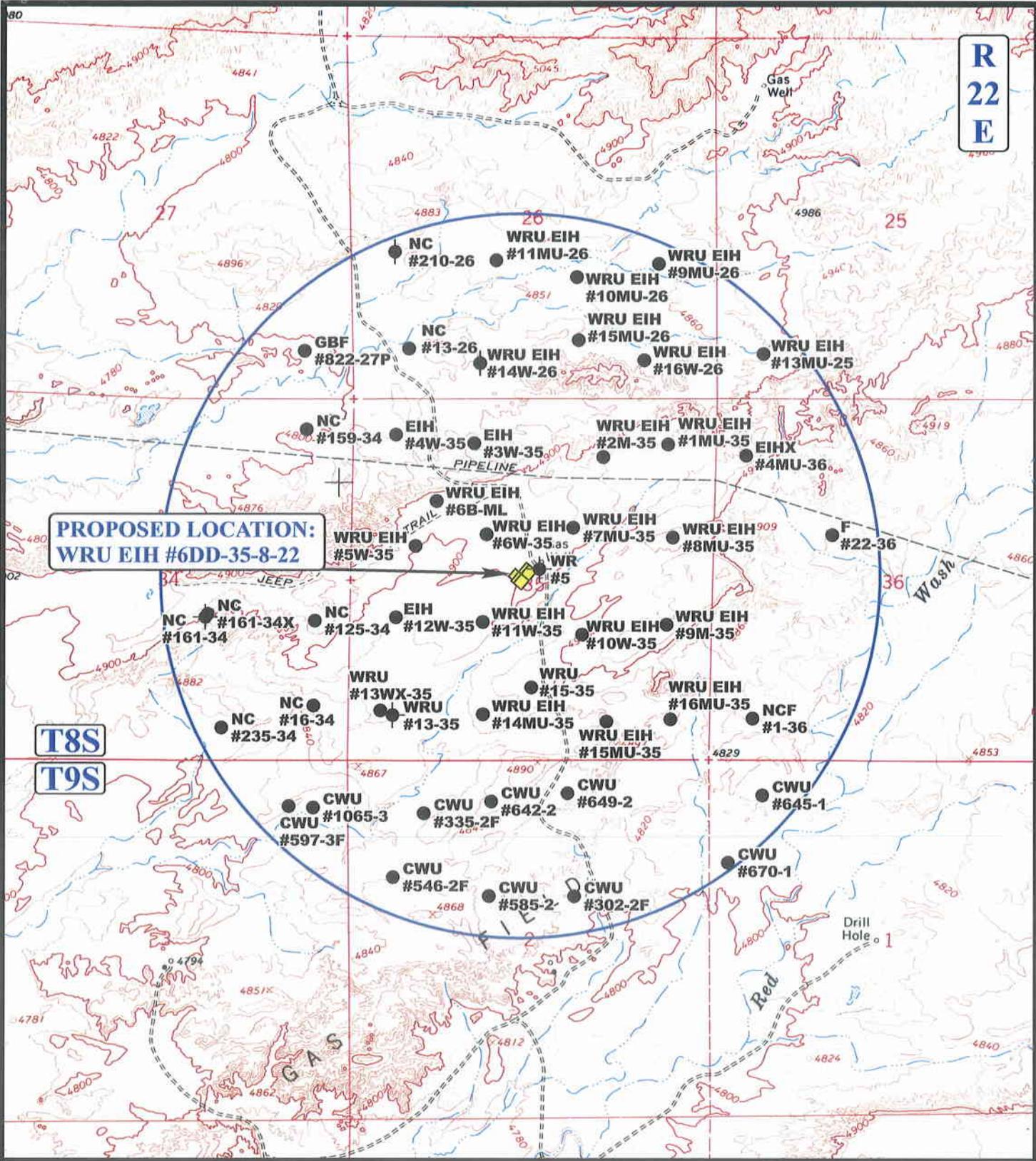
**WRU EIH #6DD-35-8-22**  
**SECTION 35, T8S, R22E, S.L.B.&M.**  
**2557' FNL 2435' FWL**

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

**TOPOGRAPHIC MAP** **08 07 06**  
 MONTH DAY YEAR  
 SCALE: 1" = 2000' DRAWN BY: C.P. REVISED: 09-11-07

**B**  
 TOPO

R  
22  
E



**PROPOSED LOCATION:  
WRU EIH #6DD-35-8-22**

T8S  
T9S

**LEGEND:**

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



**QUESTAR EXPLR. & PROD.**

**WRU EIH #6DD-35-8-22**  
**SECTION 35, T8S, R22E, S.L.B.&M.**  
**2557' FNL 2435' FWL**



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

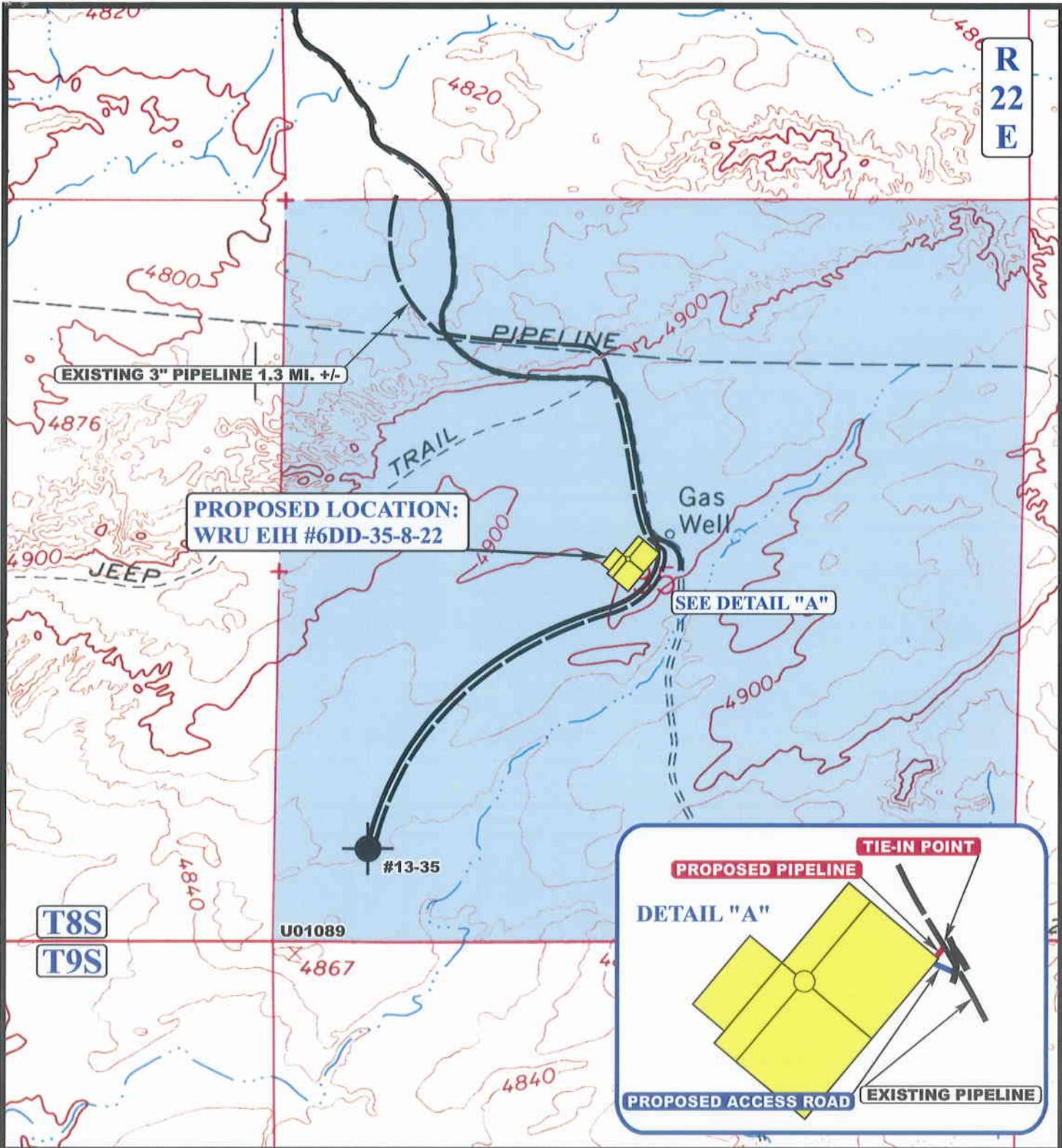
**TOPOGRAPHIC  
MAP**

**08 07 06**  
MONTH DAY YEAR

SCALE: 1" = 2000' DRAWN BY: C.P. REVISED: 09-11-07



R  
22  
E



APPROXIMATE TOTAL PIPELINE DISTANCE = 50' +/-

**LEGEND:**

- PROPOSED ACCESS ROAD
- EXISTING PIPELINE
- PROPOSED PIPELINE

**QUESTAR EXPLR. & PROD.**

WRU EIH #6DD-35-8-22  
 SECTION 35, T8S, R22E, S.L.B.&M.  
 2557' FNL 2435' FWL



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

**TOPOGRAPHIC MAP** 08 07 06  
MONTH DAY YEAR  
 SCALE: 1" = 1000' DRAWN BY: C.P. REVISED: 09-11-07



**DIVISION OF OIL, GAS AND MINING**

**SPUDDING INFORMATION**

Name of Company: QUESTAR EXPL & PROD COMPANY

Well Name: WRU EIH 6DD-35-8-22

Api No: 43-047-38640 Lease Type: FEDERAL

Section 35 Township 08S Range 22E County UINTAH

Drilling Contractor PETE MARTIN DRLG RIG # RATHOLE

**SPUDDED:**

Date 10/29/07

Time \_\_\_\_\_

How DRY

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

Reported by RAYMOND PALLESEN

Telephone # (435) 880-7967

Date 10/29/07 Signed CHD

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**CONFIDENTIAL**

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-01089**

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 6DD 35 8 22**

9. API Well No.  
**43-047-38640**

10. Field and Pool, or Exploratory Area  
**WHITE RIVER**

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

**SUBMIT IN TRIPLICATE**

1. Type of Well  
Oil Gas  
 Well  Well  Other

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

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

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
**2551' FNL, 2492' FWL, SENW, SEC 35-T8S-R22E**

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 10/29/07 - Drilled 80' of 26" conductor hole. Set 80' of 20" conductor pipe. Cmt'd 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** *Dahn F. Caldwell* Title **Office Administrator II** Date **10/31/07**

(This space for Federal or State office use)

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

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

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

NOV 14 2007

**CONFIDENTIAL**

OPERATOR: **Questar Exploration & Production Co.**

ADDRESS: **1571 East 1700 South  
Vernal, Utah 84078-8526**

**(435)781-4342**

ENTITY ACTION FORM - FORM 6

Action Code	Current Entity No.	New Entity No.	API Number	Well Name	QQ	SC	TP	RG	County	Spud Date	Effective Date
A	99999	16511	43-047-38640	WRU EIH 6DD 35 8 22	SENW	35	8S	22E	Uintah	10/29/07	11/26/07

WELL 1 COMMENTS:

MRSN

CONFIDENTIAL

WELL 2 COMMENTS:

WELL 3 COMMENTS:

WELL 4 COMMENTS:

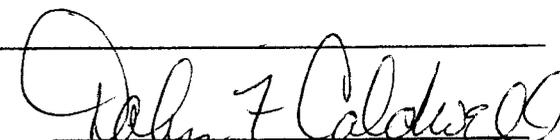
WELL 5 COMMENTS:

ACTION CODES (See instructions on back of form)

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

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

(3/89)

  
Signature

Office Administrator II      10/30/07  
Title      Date

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

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NOV 14 2007

DIV. OF OIL, GAS & MINING

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**CONFIDENTIAL**

43-047-38640

**Questar E & P** Page 1 of 2

**Operations Summary Report**

Well Name: WRU EIH 6DD-35-8-22 Spud Date:  
 Location: 35- 8-S 22-E 26 Rig Release:  
 Rig Name: ENSIGN Rig Number: 24

Date	From - To	Hours	Code	Sub Code	Description of Operations
11/2/2007	19:30 - 18:30	23.00	DRL	1	DRILLING F/ 60' TO 1130'
	18:30 - 22:30	4.00	CSG	2	RUN 10 3/4 CASING
11/23/2007	06:00 - 14:00	8.00	LOC	4	RIG DOWN TOP DRIVE & LAY DOWN / RIGGING DOWN PITS & WINTERIZE
	14:00 - 19:30	5.50	LOC	4	RIG DOWN ROTARY TOOLS & BRIDLE UP TO LAY OVER DERRICK
	19:30 - 06:00	10.50	LOC	4	READY RIG FOR LAYING DERRICK OVER & FOR TRUCKS
11/24/2007	06:00 - 11:00	5.00	LOC	4	LAY DERRICK OVER & UNSTRING BLOCKS / RECIEVED TRUCKS @ 8:00 AM & MOVING BACK YARD & MISC. TO NEW LOCATION
	11:00 - 18:00	7.00	LOC	4	HAUL TUBULARS, MUD PRODUCTS, JUNK BASKETS, PRE-MIX TANK, MUD TANK, 400 BBL. UP-RIGHT TANKS, TO NEW LOCATION. CRANE ON LOCATION @ 15:00 PM. 50% RIGGED DOWN, 70% ON OLD LOCATION, 30% ON NEW LOCATION
	18:00 - 06:00	12.00	OTH		WAIT ON DAYLIGHT
11/25/2007	06:00 - 13:00	7.00	LOC	3	LOAD & MOVE TO NEW LOCATIONS WATER TANK, SHAKER TANK, REST OF THE TUBULARS, MUD PUMPS, LIGHT PLANT, KOOMY, & DOG HOUSES
	13:00 - 18:00	5.00	LOC	4	LOAD OUT MOTORS, DRAWWORKS, & TAKE DERRICK OFF RIG FLOOR & LOAD OUT. 100% RIGGED DOWN, 80% ON NEW LOCATION, 20% ON OLD LOCATION. MOVING SUBS & CAMPS IN MORNING
	18:00 - 06:00	12.00	OTH		WAIT ON DAYLIGHT
11/26/2007	06:00 - 12:00	6.00	LOC	3	MOVE DERRICK, SUBS, SUB MATTS, & BREAK BOP STACK DOWN W/ CRANE
	12:00 - 18:00	6.00	LOC	4	SET LOCATION LINER, SET MATTS, INSTALL B-SECTION ON WELL HEAD, SET BOTTOM SUBS, REMOVE DOOR ON UPPER PIPE RAMS TO BE SENT IN FOR REPAIR, & RIG UP CAMPS. 100% OFF OLD LOCATION, 8% RIGGED UP
	18:00 - 06:00	12.00	OTH		WAIT ON DAYLIGHT
11/27/2007	06:00 - 15:00	9.00	LOC	4	FINISH SETTING SUBS, INSTALL SUB BEAMS, CENTER SUBS TO NEW WELL, INSTALL MOTOR PACKAGE, PUMPS, SUCTION TANK, PARTS HOUSE, & WATER TANK
	15:00 - 18:00	3.00	LOC	4	SET DERRICK ON FLOOR, SET OFF DRILLERSIDE DOGHOUSE, PARTS HOUSE, & TOP DRIVE POWER UNIT. 90% RIG SET IN & 50% RIGGED UP
	18:00 - 06:00	12.00	OTH		90% RIG SET IN & 50% RIGGED UP
11/28/2007	06:00 - 12:00	6.00	LOC	4	FINISH SETTING RIG IN W/ TRUCKS & CRANE. RELEASED TRUCKS @ 12:00 PM
	12:00 - 18:00	6.00	LOC	4	POWER UP LIGHT PLANT, STRING UP BLOCK W/ NEW DRILL LINE SPOOL, RIG UP ON PITS, SUBS, & PREP. DERRICK TO BE RAISED. 100% RIG SET IN & 70% RIGGED UP.
	18:00 - 06:00	12.00	LOC	4	100% RIG SET IN & 70% RIGGED UP
11/29/2007	06:00 - 10:00	4.00	LOC	4	RAISE DERRICK, HOOK UP WATER, AIR, & STEAM TO BACK YARD
	10:00 - 18:00	8.00	LOC	4	RIG UP RIG FLOOR & DERRICK, CHANGE #1 PUMP LINEARS TO 6", RIG UP POWER UNIT FOR TOP DRIVE, & PREPAIR TO PICK UP TOP DRIVE
	18:00 - 06:00	12.00	OTH		90% RIGGED UP
11/30/2007	06:00 - 12:00	6.00	LOC	4	INSTALL NEW MANUEL HCR VALVE & HCR VALVE, INSTALL REPAIRED UPPER PIPE RAM DOOR.
	12:00 - 14:00	2.00	LOC	4	RIG UP ROTARY CHAIN & GUARD-GUARD BENT FROM RIG MOVE & NEEDED REPAIRED W/ WELDER.
	14:00 - 18:00	4.00	LOC	4	RIG UP TOP DRIVE / SET MOUSE HOLE SLEEVE IN CELLAR & CEMENT CELLAR / HYDRALIC AIR HOIST NEEDED REPAIRED BY ELECTRITION-PLUG BURNED UP
	18:00 - 23:00	5.00	LOC	4	RIG UP TOP DRIVE, TIGHTEN SUBS, HOOK UP KELLY HOSE.
	23:00 - 06:00	7.00	BOP	1	TIGHTEN BOLT ON STACK W/ QUICK TEST, INSTALL KOOMY LINES, MAKE UP CHOKE LINE (NIPPLE UP BOP'S)
12/1/2007	06:00 - 08:00	2.00	BOP	1	RIG UP KILL LINE TO CHECK VAVLE & SWITCH KOOMY LINES ON BLIND RAMS & TOP PIPE RAMS
	08:00 - 09:00	1.00	BOP	1	FUNCTION TEST BOP / WENT TO START #2 FLOOR MOTOR & FOUND THAT TORQUE CONVERTER WAS NOT FUNCTIONING. GOING TO HAVE ONE

Printed: 12/3/2007 10:58:25 AM

**RECEIVED**

**DEC 03 2007**

**DIV. OF OIL, GAS & MINING**

**Operations Summary Report**

Well Name: WRU EIH 6DD-35-8-22  
 Location: 35- 8-S 22-E 26  
 Rig Name: ENSIGN

Spud Date:  
 Rig Release:  
 Rig Number: 24

Date	From - To	Hours	Code	Sub Code	Description of Operations
12/11/2007	08:00 - 09:00	1.00	BOP	1	DELIVERED TONIGHT & WILL HAVE A MACHANIC & CRANE HERE TO CHANGE IT OUT TOMORROW.
	09:00 - 18:00	9.00	BOP	2	TEST BOP 5,000 HIGH 10 MIN. 250 LOW 10 MIN. LOWER KELLY VAVLE, UPPER KELLY VAVLE, SAFETY VAVLE, INSIDE BOP, PIPE RAMS, INSIDE HCR & KILL LINE VAVLES, OUTSIDE KILL LINE & HCR, CHOKE LINE, UPRIGHT GAGE VAVLE, INSIDE MANIFOLD VAVLES, BLIND RAMS, MIDDLE MANIFOLD VAVLES. TEST ANNULAR 2,500 HIGH 10 MIN. 250 LOW 10 MIN. TEST CASING 1,500 FOR 30 MIN. ACCUMULATOR FUNCTION TEST
	18:00 - 19:00	1.00	RIG	1	RIG SERVICE LUBRICATE RIG & TOP DRIVE
	19:00 - 23:30	4.50	BOP	1	SET THREADED WEAR BUSHING - TROUBLE BACKING OUT FROM WEAR RING WITH OUT PULLING IT OUT FROM SET SCREWS. SET IT WITH FOUR SET SCEWS SET.
	23:30 - 06:00	6.50	BOP	1	MAKE UP ROTATING HEAD, ORBIT VAVLE, & FLOW LINE. SET OUT & MEASURE THE BHA. TORQUE CONVERTER ON LOCATION
12/2/2007	06:00 - 15:00	9.00	RIG	2	FINISH RIGGING UP ORBIT VALVE & ROTATING HEAD BEARING ASSEMBLY, CHANGE OUT TORQUE CONVERTER ON #2 FLOOR MOTOR W/ MACHANIC & CRANE.
	15:00 - 17:00	2.00	RIG	2	INSTALL MOUSE HOLE & STRAP BHA, MIX KCL TO A 3%
12/3/2007	17:00 - 23:00	6.00	TRP	1	PICK UP 8 3/4 BHA
	23:00 - 00:00	1.00	RIG	1	LUBRICATE RIG & TOP DRIVE
	00:00 - 01:00	1.00	TRP	1	TAG CEMENT @ 1022' / FILL PIPE & DRILL PIPE PRESSURE @ 2,000 PSI W/ 72 STKS. EXSPECT PLUGGED JETS
	01:00 - 04:00	3.00	DRL	4	DRILL CEMENT TAG FLOAT @ 1082' & SHOE @ 1125'
	04:00 - 04:30	0.50	DRL	1	DRILL F/ 1152' TO 1162' 10' OF NEW FORMATION
	04:30 - 05:00	0.50	EQT	2	PERFORM FIT W/ 8.4 PPG. 120 PSI FOR A 10.5 PPG. EQUIVLANT
	05:00 - 06:00	1.00	DRL	1	DRILLING F/ 1162' TO 1182' W/ A ROP OF 20'/HR. & NO LOSSES
	06:00 - 07:00	1.00	CIRC	1	MIX & PUMP SWEEP FOR TRIP OUT OF HOLE ( HIGH DRILLING PRESSURE)
	07:00 - 07:30	0.50	TRP	2	BLOW DOWN TOP DRIVE
	07:30 - 10:00	2.50	TRP	2	TRIP OUT OF HOLE F/ 1182' TO BIT
	10:00 - 12:00	2.00	TRP	1	BREAK OUT BIT & LAY DOWN MOTOR ( JETS ON BIT HAD NO OBSTRUCTIONS) PICK UP NEW MOTOR & CONDUCT SURFACE TEST
	12:00 - 14:30	2.50	TRP	2	MAKE UP NEW BIT & TRIP IN THE HOLE TO 1182'
	14:30 - 01:00	10.50	DRL	1	DRILLING F/ 1182' TO 2104' ROP @ 87'/HR. W/ NO DOWN HOLE LOSSES
01:00 - 03:00	2.00	CIRC	2	LOST TOTAL RETURNS. PICK UP 60' OF BOTTOM MIX & PUMP LCM SWEEPS.	
	03:00 - 06:00	3.00	DRL	1	DRILLING F/ 2104' TO 2231' ROP @ 42'/HR. W/ NO CURRENT DOWN HOLE LOSSES.

**Operations Summary Report**

Well Name: WRU EIH 6DD-35-8-22  
 Location: 35-8-S 22-E 26  
 Rig Name: ENSIGN

Spud Date: 12/2/2007  
 Rig Release:  
 Rig Number: 24

Date	From - To	Hours	Code	Sub Code	Description of Operations
11/2/2007	19:30 - 18:30	23.00	DRL	1	DRILLING F/ 60' TO 1130'
	18:30 - 22:30	4.00	CSG	2	RUN 10 3/4 CASING
11/23/2007	06:00 - 14:00	8.00	LOC	4	RIG DOWN TOP DRIVE & LAY DOWN / RIGGING DOWN PITS & WINTERIZE
	14:00 - 19:30	5.50	LOC	4	RIG DOWN ROTARY TOOLS & BRIDLE UP TO LAY OVER DERRICK
	19:30 - 06:00	10.50	LOC	4	READY RIG FOR LAYING DERRICK OVER & FOR TRUCKS
11/24/2007	06:00 - 11:00	5.00	LOC	4	LAY DERRICK OVER & UNSTRING BLOCKS / RECIEVED TRUCKS @ 8:00 AM & MOVING BACK YARD & MISC. TO NEW LOCATION
	11:00 - 18:00	7.00	LOC	4	HAUL TUBULARS, MUD PRODUCTS, JUNK BASKETS, PRE-MIX TANK, MUD TANK, 400 BBL. UP-RIGHT TANKS, TO NEW LOCATION. CRANE ON LOCATION @ 15:00 PM. 50% RIGGED DOWN, 70% ON OLD LOCATION, 30% ON NEW LOCATION
11/25/2007	18:00 - 06:00	12.00	OTH		WAIT ON DAYLIGHT
	06:00 - 13:00	7.00	LOC	3	LOAD & MOVE TO NEW LOCATIONS WATER TANK, SHAKER TANK, REST OF THE TUBULARS, MUD PUMPS, LIGHT PLANT, KOOMY, & DOG HOUSES
	13:00 - 18:00	5.00	LOC	4	LOAD OUT MOTORS, DRAWWORKS, & TAKE DERRICK OFF RIG FLOOR & LOAD OUT. 100% RIGGED DOWN, 80% ON NEW LOCATION, 20% ON OLD LOCATION. MOVING SUBS & CAMPS IN MORNING
11/26/2007	18:00 - 06:00	12.00	OTH		WAIT ON DAYLIGHT
	06:00 - 12:00	6.00	LOC	3	MOVE DERRICK, SUBS, SUB MATTS, & BREAK BOP STACK DOWN W/ CRANE
	12:00 - 18:00	6.00	LOC	4	SET LOCATION LINER, SET MATTS, INSTALL B-SECTION ON WELL HEAD, SET BOTTOM SUBS, REMOVE DOOR ON UPPER PIPE RAMS TO BE SENT IN FOR REPAIR, & RIG UP CAMPS. 100% OFF OLD LOCATION, 8% RIGGED UP
11/27/2007	18:00 - 06:00	12.00	OTH		WAIT ON DAYLIGHT
	06:00 - 15:00	9.00	LOC	4	FINISH SETTING SUBS, INSTALL SUB BEAMS, CENTER SUBS TO NEW WELL, INSTALL MOTOR PACKAGE, PUMPS, SUCTION TANK, PARTS HOUSE, & WATER TANK
	15:00 - 18:00	3.00	LOC	4	SET DERRICK ON FLOOR, SET OFF DRILLERSIDE DOGHOUSE, PARTS HOUSE, & TOP DRIVE POWER UNIT. 90% RIG SET IN & 50% RIGGED UP
11/28/2007	18:00 - 06:00	12.00	OTH		90% RIG SET IN & 50% RIGGED UP
	06:00 - 12:00	6.00	LOC	4	FINISH SETTING RIG IN W/ TRUCKS & CRANE. RELEASED TRUCKS @ 12:00 PM
	12:00 - 18:00	6.00	LOC	4	POWER UP LIGHT PLANT, STRING UP BLOCK W/ NEW DRILL LINE SPOOL, RIG UP ON PITS, SUBS, & PREP. DERRICK TO BE RAISED. 100% RIG SET IN & 70% RIGGED UP.
11/29/2007	18:00 - 06:00	12.00	LOC	4	100% RIG SET IN & 70% RIGGED UP
	06:00 - 10:00	4.00	LOC	4	RAISE DERRICK, HOOK UP WATER, AIR, & STEAM TO BACK YARD
	10:00 - 18:00	8.00	LOC	4	RIG UP RIG FLOOR & DERRICK, CHANGE #1 PUMP LINEARS TO 6", RIG UP POWER UNIT FOR TOP DRIVE, & PREPAIR TO PICK UP TOP DRIVE
11/30/2007	18:00 - 06:00	12.00	OTH		90% RIGGED UP
	06:00 - 12:00	6.00	LOC	4	INSTALL NEW MANUEL HCR VALVE & HCR VALVE, INSTALL REPAIRED UPPER PIPE RAM DOOR.
	12:00 - 14:00	2.00	LOC	4	RIG UP ROTARY CHAIN & GUARD-GUARD BENT FROM RIG MOVE & NEEDED REPAIRED W/ WELDER.
	14:00 - 18:00	4.00	LOC	4	RIG UP TOP DRIVE / SET MOUSE HOLE SLEEVE IN CELLAR & CEMENT CELLAR / HYDRALIC AIR HOIST NEEDED REPAIRED BY ELECTRITION-PLUG BURNED UP
12/1/2007	18:00 - 23:00	5.00	LOC	4	RIG UP TOP DRIVE, TIGHTEN SUBS, HOOK UP KELLY HOSE.
	23:00 - 06:00	7.00	BOP	1	TIGHTEN BOLT ON STACK W/ QUICK TEST, INSTALL KOOMY LINES, MAKE UP CHOKE LINE (NIPPLE UP BOP'S)
	06:00 - 08:00	2.00	BOP	1	RIG UP KILL LINE TO CHECK VAVLE & SWITCH KOOMY LINES ON BLIND RAMS & TOP PIPE RAMS
	08:00 - 09:00	1.00	BOP	1	FUNCTION TEST BOP / WENT TO START #2 FLOOR MOTOR & FOUND THAT TORQUE CONVERTER WAS NOT FUNCTIONING. GOING TO HAVE ONE

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### Operations Summary Report

Well Name: WRU EIH 6DD-35-8-22  
 Location: 35- 8-S 22-E 26  
 Rig Name: ENSIGN

Spud Date: 12/2/2007  
 Rig Release:  
 Rig Number: 24

Date	From - To	Hours	Code	Sub Code	Description of Operations
12/1/2007	08:00 - 09:00	1.00	BOP	1	DELIVERED TONIGHT & WILL HAVE A MACHANIC & CRANE HERE TO CHANGE IT OUT TOMORROW.
	09:00 - 18:00	9.00	BOP	2	TEST BOP 5,000 HIGH 10 MIN. 250 LOW 10 MIN. LOWER KELLY VAVLE, UPPER KELLY VAVLE, SAFETY VAVLE, INSIDE BOP, PIPE RAMS, INSIDE HCR & KILL LINE VAVLES, OUTSIDE KILL LINE & HCR, CHOKE LINE, UPRIGHT GAGE VAVLE, INSIDE MANIFOLD VAVLES, BLIND RAMS, MIDDLE MANIFOLD VAVLES. TEST ANNULAR 2,500 HIGH 10 MIN. 250 LOW 10 MIN. TEST CASING 1,500 FOR 30 MIN. ACCUMULATOR FUNCTION TEST
	18:00 - 19:00	1.00	RIG	1	RIG SERVICE LUBRICATE RIG & TOP DRIVE
	19:00 - 23:30	4.50	BOP	1	SET THREADED WEAR BUSHING - TROUBLE BACKING OUT FROM WEAR RING WITH OUT PULLING IT OUT FROM SET SCREWS. SET IT WITH FOUR SET SCEWS SET.
	23:30 - 06:00	6.50	BOP	1	MAKE UP ROTATING HEAD, ORBIT VAVLE, & FLOW LINE. SET OUT & MEASURE THE BHA. TORQUE CONVERTER ON LOCATION
12/2/2007	06:00 - 15:00	9.00	RIG	2	FINISH RIGGING UP ORBIT VALVE & ROTATING HEAD BEARING ASSEMBLY, CHANGE OUT TORQUE CONVERTER ON #2 FLOOR MOTOR W/ MACHANIC & CRANE.
	15:00 - 17:00	2.00	RIG	2	INSTALL MOUSE HOLE & STRAP BHA, MIX KCL TO A 3%
	17:00 - 23:00	6.00	TRP	1	PICK UP 8 3/4 BHA
	23:00 - 00:00	1.00	RIG	1	LUBRICATE RIG & TOP DRIVE
12/3/2007	00:00 - 01:00	1.00	TRP	1	TAG CEMENT @ 1022' / FILL PIPE & DRILL PIPE PRESSURE @ 2,000 PSI W/ 72 STKS. EXSPECT PLUGGED JETS
	01:00 - 04:00	3.00	DRL	4	DRILL CEMENT TAG FLOAT @ 1082' & SHOE @ 1125'
	04:00 - 04:30	0.50	DRL	1	DRILL F/ 1152' TO 1162' 10' OF NEW FORMATION
	04:30 - 05:00	0.50	EQT	2	PERFORM FIT W/ 8.4 PPG. 120 PSI FOR A 10.5 PPG. EQUIVILANT
	05:00 - 06:00	1.00	DRL	1	DRILLING F/ 1162' TO 1182' W/ A ROP OF 20'/HR. & NO LOSSES
	06:00 - 07:00	1.00	CIRC	1	MIX & PUMP SWEEP FOR TRIP OUT OF HOLE ( HIGH DRILLING PRESSURE)
	07:00 - 07:30	0.50	TRP	2	BLOW DOWN TOP DRIVE
	07:30 - 10:00	2.50	TRP	2	TRIP OUT OF HOLE F/ 1182' TO BIT
	10:00 - 12:00	2.00	TRP	1	BREAK OUT BIT & LAY DOWN MOTOR ( JETS ON BIT HAD NO OBSTRUCTIONS) PICK UP NEW MOTOR & CONDUCT SURFACE TEST
	12:00 - 14:30	2.50	TRP	2	MAKE UP NEW BIT & TRIP IN THE HOLE TO 1182'
12/4/2007	14:30 - 01:00	10.50	DRL	1	DRILLING F/ 1182' TO 2104' ROP @ 87'/HR. W/ NO DOWN HOLE LOSSES
	01:00 - 03:00	2.00	CIRC	2	LOST TOTAL RETURNS. PICK UP 60' OF BOTTOM MIX & PUMP LCM SWEEPS.
	03:00 - 06:00	3.00	DRL	1	DRILLING F/ 2104' TO 2231' ROP @ 42'/HR. W/ NO CURRENT DOWN HOLE LOSSES.
	06:00 - 07:00	1.00	SUR	1	ATTEMPT TO RUN SLICK LINE SURVEY ( SURVEY MACHINE PLUGGED IN INCORRECTLY )
	07:00 - 11:00	4.00	DRL	1	DRILLING F/ 2231' TO 2325' W/ A ROP OF 24'/HR. W/ NO LOSSES ( DRILLING W/ KCL FRESH WATER)
	11:00 - 11:30	0.50	SUR	1	DEVIATION SURVEY @ 2240' INCL. 1.2 AZI. 332.9
	11:30 - 13:00	1.50	DRL	1	DRILLING F/ 2325' TO 2417' W/ A ROP OF 61'/HR. W/ NO LOSSES
12/5/2007	13:00 - 14:00	1.00	RIG	1	LUBRICATE RIG & TOP DRIVE FUNCTION UPPER PIPE RAMS
	14:00 - 06:00	16.00	DRL	1	DRILLING F/ 2417' TO 3356' W/ A ROP OF 58'/HR. NO CURRENT LOSSES
	06:00 - 06:30	0.50	SUR	1	RUN SLICK LINE SURVEY (SURVEY DEPTH 3291' INCL. 1.8 AZI. 216.8)
	06:30 - 12:00	5.50	DRL	1	DRILLING F/ 3356' TO 3544' W/ ROP @ 34'/HR. W/ NO LOSSES ( DRILLING W/ KCL/FRESH WATER)
12/6/2007	12:00 - 13:00	1.00	RIG	1	LUBRICATE RIG & TOP DRIVE / FUNCTION ANNULAR
	13:00 - 14:00	1.00	OTH		INSTALL ROTATING HEAD RUBBER
	14:00 - 06:00	16.00	DRL	1	DRILLING F/ 3715' TO 4204' W/ ROP @ 41'/HR. W/ NO LOSSES
	06:00 - 15:00	9.00	DRL	1	DRILL F/ 4204 TO 4394
	15:00 - 16:00	1.00	RIG	1	RIG SERVICE & SERVICE TOP DRIVE / FUNCTION TOP PIPE RAMS & CROWN

### Operations Summary Report

Well Name: WRU EIH 6DD-35-8-22  
 Location: 35- 8-S 22-E 26  
 Rig Name: ENSIGN

Spud Date: 12/2/2007  
 Rig Release:  
 Rig Number: 24

Date	From - To	Hours	Code	Sub Code	Description of Operations	
12/6/2007	15:00 - 16:00	1.00	RIG	1	-O-MATIC	
	16:00 - 16:30	0.50	SUR	1	SURVEY DEPTH @ 4329 - 1.5 DEG. DIR 138.7	
	16:30 - 06:00	13.50	DRL	1	DRILL F/ 4394 TO 4800	
12/7/2007	06:00 - 17:00	11.00	DRL	1	DRILL F/ 4800 TO 4959 (RADICAL ROP 8' TO 30' HR PUMPING 20BBL SWEEP FOR BIT BALLING & 30 BBL SWEEP FOR HOLE SEEPAGE )	
	17:00 - 18:00	1.00	RIG	1	RIG SERVICE & SERVICE TOP DRIVE & ( FUNCTION PIPE RAMS)	
12/8/2007	18:00 - 06:00	12.00	DRL	1	DRILL F 4959 TO 5110 ( SAME PARAMETERS )	
	06:00 - 06:30	0.50	DRL	1	DRILL F/ 5110 TO 5117 ( W / ROP 5 TO 10' HR ) (RUNNING SWEEP F/ LOSSES 10BBL HR & BIT BALLING)	
	06:30 - 07:30	1.00	CIRC	1	CIRC. BTMS UP & BUILD PILL F/ TRIP	
	07:30 - 11:30	4.00	TRP	10	PUMP PILL & BLOW KELLY DOWN & TRIP OUT W/ BIT #2	
12/8/2007	11:30 - 13:30	2.00	TRP	1	CHANGE OUT MOTORS & DEW MOTOR TEST & CHANGE OUT IBS REAMER & DRESS BIT)	
	13:30 - 18:00	4.50	TRP	10	TRIP IN HOLE & FILL PIPE EVERY TWO ROWS ( LOST APPROX 70 BBLS ON TRIP ) & SAFETY REAM 60' TO BTM ( NO FILL )	
	18:00 - 06:00	12.00	DRL	1	DRILL F/ 5117 TO 5400 ( W ROP 10 TO 35' HR ) RUNNING SWEEPS F/LOSSES & BIT BALLING	
	12/9/2007	06:00 - 11:30	5.50	DRL	1	DRILL F / 5398 TO 5524 ( ROP 10-30HR - WT 10-12 / 30BBL SWEEPS FOR LOSSES )
		11:30 - 12:00	0.50	SUR	1	WIRE LINE SURVEY DEPTH @ 5459 DEG. .4 DIR 131.2
12/10/2007	12:00 - 06:00	18.00	DRL	1	DRILL 5524 TO 5850 ( ROP 10-30HR - WT 14-16 / LOST APPROX. 350 BBLS IN 24HRS PUMPING 20% SWEEPS TO CONTROL LOSSES )	
	06:00 - 15:30	9.50	DRL	1	DRILL F/ 5850 TO 5991 ( 16-18 BIT WT 10-30 FT HR.)( SHAKERS BY PASSED RUNNING 10% LCM IN THE SYSTEM LOST APPROX. 300BBLS IN 12HRS )	
	15:30 - 16:30	1.00	RIG	1	RIG SERVICE & SERVICE TOP DRIVE ( FUNCTION ANNULAR )	
12/11/2007	16:30 - 06:00	13.50	DRL	1	DRILL F/ 5991 TO 6335 ( SAME PERAMETORS LOSSES IN LAST 12 HRS 150 BBLS REDUCE PUMP STRKS 65 EACH 453 GALS. )( WORK ON PUMPS REPLACE VALVES & SEATS )	
	06:00 - 13:30	7.50	DRL	1	'DRILL F/ 6335 TO 6461 (16-18 BIT WT. ROP 10-30 FT HR. SHAKERS BYPASSED & 5-10% LCM IN THE SYSTEM TO CONTROLL LOSSES )	
	13:30 - 14:30	1.00	RIG	1	RIG SERVICE & SERVICE TOP DRIVE & ( FUNCTION TOP PIPE RAMS)	
	14:30 - 15:00	0.50	SUR	1	WIRE LINE SURVEY	
12/11/2007	15:00 - 06:00	15.00	DRL	1	DRILL 6461 TO 6765 ( BACK WT. OFF & TURN DRILL STRING RPMS UP TO 70 TO CONTROL DEAVATION IT WENT FROM .4 TO 1.7 ) ( LOST APPROX. 200 BBLS IN 24 HRS )	
	12/12/2007	06:00 - 09:00	3.00	DRL	1	DRILL F / 6765 TO 6837 ( ROP 10 TO 20 FT HR ) MAINTAIN 10% LCM IN SYSTEM LITTLE LOSSES TO HOLE & DUMPED SAND TRAP
		09:00 - 10:00	1.00	RIG	2	RIG SERVICE & SERVICE TOP DRIVE ( FUNCTION ANNULAR )
	12/13/2007	10:00 - 10:30	0.50	SUR	1	WIRE LINE SURVEY @ 6769' DEV.1.9 & DIR.125.2
		10:30 - 06:00	19.50	DRL	1	DRILL F/ 6832 TO 7050 ( ROP 6 -15' HR ) LITTLE LOSSES
06:00 - 06:30		0.50	DRL	1	DRILL F/ 7050 TO 7057	
06:30 - 07:00		0.50	SUR	1	DROP SURVEY ON TRIP ( DEPTH @ 5023 - MISS-RUN )	
07:00 - 10:00		3.00	TRP	15	WORK ON BAR HOPPER & BUILD & PUMP PILL & BLOW OUT KELLY	
10:00 - 13:30		3.50	TRP	2	TRIP OUT ( LAY DOWN 1JT )	
13:30 - 15:00		1.50	TRP	1	CHANGE OUT MOTOR & REAMER & DRESS BIT ( WORK BLIND RAMS )	
15:00 - 16:00		1.00	RIG	8	CHANGE OUT SAVER SUB ON TOP DRIVE	
12/13/2007	16:00 - 17:00	1.00	TRP	2	TRIP IN BHA - FILL PIPE & TEST MOTOR	
	17:00 - 18:00	1.00	RIG	6	CUT DRILL LINE	
	18:00 - 22:30	4.50	TRP	2	TRIP IN & FILL PIPE EVERY 2 ROWS & HIT BRIDGE @ 5240	
	22:30 - 23:00	0.50	REAM	1	WASH & REAM F/ 5240 TO 5335 ( HIGH TORQUE )	
	23:00 - 23:30	0.50	RIG	8	RETIGHTEN GRABBER DIES ON TOP DRIVE	
	23:30 - 00:30	1.00	TRP	2	FINISH TRIP IN	
	00:30 - 02:00	1.50	REAM	1	SAFETY REAM F/ 6994 TO 7057 ( HIGH TORQUE & NO FILL )NO LOSSES	

### Operations Summary Report

Well Name: WRU EIH 6DD-35-8-22  
 Location: 35-8-S 22-E 26  
 Rig Name: ENSIGN

Spud Date: 12/2/2007  
 Rig Release:  
 Rig Number: 24

Date	From - To	Hours	Code	Sub Code	Description of Operations
12/13/2007	02:00 - 06:00	4.00	DRL	1	DRILL F/ 7057 TO 7087 ( ROP 5 TO 30' HR STRINGERS )
12/14/2007	06:00 - 08:00	2.00	DRL	1	DRILL F/ 7087 TO 7118 ( ROP 10-15'HR )(RAN SHAKER ON ONE SIDE FOR TO FULL CIRCULATION TO GET RID OF OLD LCM & PUMPING 10% LCM SWEEPS WITH NEW ) & PUMPING BIT BALLING SWEEPS
	08:00 - 09:00	1.00	RIG	1	RIG SERVICE & SERVICE TOP DRIVE ( FUNCTION TOP PIPE RAMS )
	09:00 - 23:00	14.00	DRL	1	DRILL F /7118 TO 7250 ( 10-16 WT & ROP 5 - 20' HR ) RADITACAL DRILLING HITTING ALOT OF FRACTURES HIGH TORQUE (STILL PUMPING BIT BALLING SWEEPS & LCM SWEEPS TO CONTOLL LOSSES. )
	23:00 - 01:00	2.00	CIRC	6	REDUCE PUMP RATE & PUMP 20% LCM SWEEPS TO GET FULL RETURN LOST 1/4 RETURNS @ 7245 & ALSO RUNNING 10 GALS MIN. MAKE UP WATER IN FOR LOSSES & BUILD VOLUME
	01:00 - 06:00	5.00			DRILL F 7250 TO 7300 ( WITH SAME PERAMATORS ) LOST APPROX 650BBLs IN 24HRS
12/15/2007	06:00 - 13:30	7.50	DRL	1	DRILL F / 7300 TO 7402 ( 13.6' HR - 16 TO 18 WT. RPMS - 140 RPM ) ( RUNNING 5 GAL MIN. & CONTROLING LOSSES WITH 20% LCM SWEEPS & 10 BBL PUMPING BIT BALLING SWEEP
	13:30 - 14:30	1.00	RIG	2	RIG SERVICE & SERVICE TOP DRIVE (FUNCTION BOTTOM PIPE RAMS )
	14:30 - 06:00	15.50	DRL	1	DRILL F/ 7402 TO 7637 WITH SAME PERAMATORS ( LOST APROXX. 168BBLs IN 24 HRS
12/16/2007	06:00 - 08:00	2.00	DRL	1	DRILL F/ 7637 TO 7685 ( ROP 24'HR / 16-18 WT RPM 130 ) ( CONTROLLING LOSSES WITH 20% LCM SWEEPS & RUNNING BIT BALLING SWEEPS TOO)
	08:00 - 09:00	1.00	RIG	1	RIG SERVICE & SERVICE TOP DRIVE ( FUNCTION HCR VALVE )
	09:00 - 06:00	21.00	DRL	1	DRILL F / 7685 TO 8059 ( DRILLING WITH SAME PERAMATORS )
12/17/2007	06:00 - 09:00	3.00	DRL	1	DRILL F/ 8091 TO 8125 ( 20' HR / WT 16-18 / RPM 130 )( MAINTAINING LOSSES WITH 20 % LCM SWEEPS & BIT BALLING SWEEPS )
	09:00 - 10:00	1.00	RIG	1	RIG SERVICE & SERVICE TOP DRIVE
	10:00 - 15:30	5.50	DRL	1	DRILL F/ 8125 TO 8229 (18.9' HR DRILL WITH THE SAME PERAMATORS )
	15:30 - 17:00	1.50	CIRC	5	CRICULATE BTMS. UP & SPOT 100 BBL 20% LCM PILL
	17:00 - 18:00	1.00	SUR	1	DROPEd SURVEY
	18:00 - 22:00	4.00	TRP	2	PUMP PILL & TRIP OUT TO BHA
	22:00 - 02:30	4.50	ISP	1	INSPECT BHA WITH ( CURTS iNSPECTION ) ON THE WAY OUT & LAY DOWN JARS
	02:30 - 03:00	0.50	TRP	1	LAY DOWN MOTOR & REAMER
	03:00 - 05:00	2.00	RIG	2	REPAIR FUEL LINE ON RIG MOTORS
	05:00 - 06:00	1.00	TRP	1	MAKE UP BIT & MOTOR & REAMER & BHS ( TEST MOTOR )
12/18/2007	06:00 - 08:30	2.50	TRP	2	TRIP IN BHA & STRAP & P/UP NEW JARS
	08:30 - 12:00	3.50	TRP	2	TRIP IN & FILL PIPE EVERY TWO ROWS & TAG @ 7682
	12:00 - 16:00	4.00	REAM	1	WASH & REAM F/ 7682 TO 8229 ( WT 0-5 RPMS 60-65/MOTOR 88) ( LOST 75BBLs ON TRIP)
	16:00 - 06:00	14.00	DRL	1	DRILL F/ 8229 TO 8565 ( 24' HR - WT 8-10 -RPM TOP 60-65 MOTOR 85 ) (CONTROLLING LOSSES WITH 20% LCM SWEEPS )
12/19/2007	06:00 - 08:00	2.00	DRL	1	DRILL F/ 8565 TO 8626 (30.5' HR / 8 - 10 BIT WT / RPM 150 )
	08:00 - 11:00	3.00	CIRC	2	LOST 1/4% FLOW & 300 PSI (LOST APPROX. 300BBLs ) @ 8620 PUMP 25% LCM SWEEPS & BUILD VOLUME ( ALSO HAD UNTHAW PREMIX LINE & BAR HOOPER LINES )
	11:00 - 14:00	3.00	DRL	1	DRILL F/ 8626 TO 8692 ( 22'HR / 8 -10 BIT WT / RPMS 150 )
	14:00 - 15:00	1.00	RIG	1	RIG SERVICE & SERVICE TOP DRIVE ( DUMP SHALE TANK & SAND TRAPS THEY WERE FROZEN )
12/20/2007	15:00 - 06:00	15.00	DRL	1	DRILL F / 8692 TO 8890 (13.2' HR / 14-16 BIT WT RPM 140-150 )
	06:00 - 14:00	8.00	DRL	1	DRILLING F/ 8890' TO 9067' W/ ROP @ 22'/HR. NO CURRENT LOSSES
	14:00 - 14:30	0.50	RIG	1	LUBRICATE RIG & TOP DRIVE
	14:30 - 22:30	8.00	DRL	1	DRILLING F/ 9067' TO 9109' W/ ROP @ 5'/HR. NO CURRENT LOSSES
	22:30 - 23:30	1.00	CIRC	1	SPOT 30 BBLs. 11.0 PPG PILL, 40 BBLs. 11.5 PPG. SLUG, DROP SURVEY

**Operations Summary Report**

Well Name: WRU EIH 6DD-35-8-22  
 Location: 35- 8-S 22-E 26  
 Rig Name: ENSIGN

Spud Date: 12/2/2007  
 Rig Release:  
 Rig Number: 24

Date	From - To	Hours	Code	Sub Code	Description of Operations
12/20/2007	22:30 - 23:30	1.00	CIRC	1	DEPTH 9050'
	23:30 - 06:00	6.50	TRP	10	TRIP OUT OF HOLE F/ 9109' TO BHA W/ NO HOLE RESTRICTIONS / HOLE FILL 20 BBLs. MORE THEN PROJECTED
12/21/2007	06:00 - 08:00	2.00	TRP	10	TRIP OUT OF HOLE W/ BHA / LAY DOWN MUD MOTOR / RETRIEVE SURVEY-MISS RUN ( WILL RUN SLICK LINE @ 9200' + OR - )
	08:00 - 09:30	1.50	TRP	1	PICK UP MUD MOTOR & SURFACE TEST / MAKE UP BIT
	09:30 - 10:30	1.00	TRP	2	TRIP IN HOLE W/ BHA / TIGHT @ SHOE 1052'
	10:30 - 11:30	1.00	REAM	1	REAM F/ 1052' TO 1150'
	11:30 - 12:00	0.50	TRP	2	INSTALL ROTATING HEAD
	12:00 - 16:30	4.50	TRP	2	TRIP IN HOLE F/ 1150' TO 9064' / FILL EVERY 20 STDS. / NO HOLE RESTRICTIONS
	16:30 - 18:00	1.50	REAM	1	PROCAUTIONARY REAMING F/ 9064' TO 9109' / 5' OF FILL ON BOTTOM / LOST 55 BBLs. TOTAL ON TRIP
12/22/2007	18:00 - 06:00	12.00	DRL	1	DRILLING F/ 9109' TO 9218' W/ ROP OF 9'/HR / NO CURRENT LOSSES
	06:00 - 07:30	1.50	DRL	1	DRILLING F/ 9218' TO 9252' W/ ROP @ 23'/HR. / NO LOSSES / AFTER HAVING 56 BBLs. INCREASE THROUGH THE NIGHT IT WAS FOUND TO BE RESERVE PIT WATER GOING INTO PIT UNATTIONALLY.
	07:30 - 08:30	1.00	RIG	1	LUBRICATE RIG & TOP DRIVE / FUNCTION UPPER PIPE RAMS
	08:30 - 18:00	9.50	DRL	1	DRILLING F/ 9252' TO 9300' W/ ROP @ 5'/HR. / NO LOSSES / PUMPED 3 BIT BALLING SWEEPS BACK TO BACK TO HELP INCREASE ROP
	18:00 - 19:00	1.00	DRL	1	DRILLING F/ 9300' TO 9301' WHILE BUILDING SPOTTED PILL & SLUG FOR TRIP OUT OF HOLE
	19:00 - 20:00	1.00	CIRC	1	PICK UP OFF BOTTOM & BUILD SPOTTED PILL & SLUG
	20:00 - 20:30	0.50	CIRC	1	PUMP & SPOTT SPOTTED PILL ( 30 BBLs. 11.0 PPG SPOTTED @ BIT ) PUMP 40 BBLs. 11.5 PPG. SLUG FOR TRIP OUT OF HOLE / DROP SURVEY DEPTH 9260'
	20:30 - 03:30	7.00	TRP	10	TRIP OUT OF HOLE F/ 9301' TO BIT. BREAK OUT BIT & RETRIEVE SURVEY TOOL. NO HOLE RESTRICTIONS. ANOTHER MISS RUN ON SURVEY-WILL BE CALLING TO HAVE SURVEY TOOL REPLACED.
	03:30 - 04:00	0.50	TRP	2	SURFACE TEST MUD MOTOR
	04:00 - 04:30	0.50	TRP	2	MAKE UP 8 3/4 BIT # 7
12/23/2007	04:30 - 06:00	1.50	TRP	2	TRIP IN HOLE W/ BHA
	06:00 - 07:00	1.00	TRP	2	TRIP IN W/ BHA TO SHOE 1052' & FILL PIPE
	07:00 - 08:30	1.50	RIG	6	CUT OFF DRILLING LINE AND SLIP BACK ON 140'
	08:30 - 09:00	0.50	OTH		CHANGE OUT DIES ON TOP DRIVE GRABBER
	09:00 - 10:00	1.00	RIG	1	LUBRICATE RIG & TOP DRIVE
	10:00 - 13:00	3.00	TRP	2	TRIP IN HOLE F/ 1052' TO 9252' / FILL PIPE EVERY 20 STDS. / NO HOLE RESTRICTIONS
	13:00 - 14:00	1.00	REAM	1	SAFETY REAM F/ 9252' TO 9301' / 5' OF FILL / NO HOLE RESTRICTIONS
	14:00 - 18:00	4.00	DRL	1	DRILLING F/ 9301' TO 9348 W/ ROP @ 12'/HR. / NO CURRENT LOSSES / TRIP GAS 6623 UNITS W/ NO FLARE / MUD WIEGHT 9.6 VIS 55
	18:00 - 18:30	0.50	SUR	1	RUN SLICK LINE SURVEY / SURVEY DEPTH @ 9280' INCL. 2 DEGREES AZI. 114.9
	18:30 - 06:00	11.50	DRL	1	DRILLING F/ 9348' TO 9505' W/ ROP @ 14'/HR. W/ NO LOSSES / MUD WIEGHT 9.5 PPG. VIS 50
12/24/2007	06:00 - 18:30	12.50	DRL	1	DRILING F/ 9505' TO 9637' W/ ROP @ 11'/HR & NO CURRENT LOSSES / MUD WIEGHT 9.6 VIS 55 / PUMPED BIT BALLING SWEEPS W/ LOWER ROP
	18:30 - 19:30	1.00	RIG	1	LUBRICATE RIG & TOP DRIVE / CONDUCT BOP DRILL / FUNCTION ANNULAR
	19:30 - 06:00	10.50	DRL	1	DRILLING F/ 9637' TO 9759' W/ ROP 12'/HR / NO LOSSES / MUD WIEGHT 9.6 VIS 53 / PUMPED BIT BALLING SWEEPS W/ LOWER ROP
12/25/2007	06:00 - 12:30	6.50	DRL	1	DRILLING F/ 9759' TO 9825' W/ ROP 10'/HR / NO LOSSES / MUD WEIGHT 9.6 VIS 53
	12:30 - 13:30	1.00	RIG	1	RIG SERVICE / LUBRICATE RIG & TOP DRIVE

### Operations Summary Report

Well Name: WRU EIH 6DD-35-8-22  
 Location: 35- 8-S 22-E 26  
 Rig Name: ENSIGN

Spud Date: 12/2/2007  
 Rig Release:  
 Rig Number: 24

Date	From - To	Hours	Code	Sub Code	Description of Operations
12/25/2007	13:30 - 06:00	16.50	DRL	1	DRILLING F/ 9825' TO 10022' W/ ROP OF 12'/HR / NO LOSSES & MUD WEIGHT 9.4 VIS 54
12/26/2007	06:00 - 16:00	10.00	DRL	1	DRILLING F/ 10022' TO 10105' W/ ROP OF 8.3'/HR / NO LOSSES / MUD WEIGHT 9.5 VIS 41
	16:00 - 17:00	1.00	RIG	1	RIG SERVICE - LUBRICATE RIG & TOP DRIVE / FUNCTION UPPER PIPE RAMS
	17:00 - 20:00	3.00	DRL	1	DRILLING F/ 10105' TO 10130' W/ ROP 8.3'/HR / NO LOSSES / MUD WEIGHT 9.5 VIS 43 / BUILD PILL & SLUG TOTRIP OUT OF HOLE
	20:00 - 20:30	0.50	CIRC	1	PUMP & SPOT 11.0 PPG PILL @ BIT / PUMP SLUG
	20:30 - 21:00	0.50	SUR	1	DROP SURVEY - DEPTH 10095'
	21:00 - 01:30	4.50	TRP	10	TRIP OUT OF THE HOLE F/ 10130 TO BIT / NO HOLE RESTRICTIONS
	01:30 - 02:00	0.50	TRP	2	LAY DOWN MOTOR & BREAK BIT / RETRIEVE SURVEY TOOL - SURVEY 1.8 DEGREES 117.1 AZI.
12/27/2007	02:00 - 03:00	1.00	TRP	2	PICK UP BAKER .17 MUD MOTOR & BIT #8 / SURFACE TEST MUD MOTOR
	03:00 - 06:00	3.00	TRP	2	TRIP IN HOLE W/ BHA TO 4200'
	06:00 - 09:30	3.50	TRP	2	TRIP IN HOLE F/ 4200' TO 10000' W/ NO RESTRICTIONS / MAKE UP TOP DRIVE TO SAFETY REAM / 22 BBLS. BELOW CALCULATED
	09:30 - 10:00	0.50	REAM	1	SAFETY REAM F/ 10000' TO 10130' W/ 7' OF FILL / NO LOSSES / TRIP GAS 4945 UNITS W/ NO FLARE
12/28/2007	10:00 - 18:00	8.00	DRL	1	DRILLING F/ 10130' TO 10230' W/ ROP OF 12.5'/HR / NO LOSSES / WOB 8-10 / DHRPM 98 / MUD WT. 9.6 VIS 40
	18:00 - 06:00	12.00	DRL	1	DRILLING F/ 10230' TO 10380' W/ ROP OF 12.5'/HR. / NO LOSSES / WOB 10-15 / DHRPM 98 / MUD WT. 9.5 VIS 43
	06:00 - 13:00	7.00	DRL	1	DRILLING F/ 10380' TO 10422' W/ ROP OF 6'/HR. / NO LOSSES / MUD WT. 9.6 VIS 43 / WOB 15-17
	13:00 - 13:30	0.50	CIRC	1	PUMP & SPOT PILL & DRY JOB / 11.1 PPG. SPOTTED PILL & 11.6 PPG. DRY JOB
	13:30 - 14:00	0.50	SUR	1	DROP SURVEY - DEPTH 10339'
	14:00 - 19:30	5.50	TRP	10	TRIP OUT OF HOLE F/ 10422' TO BIT
	19:30 - 20:00	0.50	TRP	2	BREAK OUT BIT # 8 & MAKE UP BIT #9 / RETREIVE SURVEY - DEPTH 10339' INC. 2 AZI. 84.6
12/29/2007	20:00 - 21:00	1.00	RIG	1	RIG SERVICE / CHANGE OUT SAVOR SUB
	21:00 - 03:30	6.50	TRP	2	TRIP IN HOLE F/ SURFACE TO 10298' / W/ NO HOLE RESTRICTIONS / 22 BBLS. LESS ON CALCULATED HOLE FILL
	03:30 - 04:00	0.50	REAM	1	SAFETY REAM F/ 10298' TO 10422' W/ 5' OF FILL / BOTTOMS UP FLARE OF 30' & 3215 FOR UNITS OF GAS
	04:00 - 06:00	2.00	DRL	1	DRILLING F/ 10422' TO 10450' W/ ROP OF 14'/HR & NO CURRENT LOSSES / MUD WT. 9.5 VIS 45 / WOB 8-10 / DHRPM 95
	06:00 - 15:00	9.00	DRL	1	DRILLING F/ 10450' TO 10600' W/ ROP OF 17'/HR. / NO LOSSES / MUD WT. 9.5 VIS 46 / WOB 8-10 / DHRPM 98 / TD INTERMEDIATE SECTION @ 10600' / NOTIFIED DONNA KENNEY W/ BLM ON TD & UP COMING OPERATIONS
	15:00 - 16:00	1.00	CIRC	1	CIRCULATE HOLE CLEAN & PUMP DRY JOB FOR SHORT TRIP 10 STDS.
	16:00 - 18:00	2.00	TRP	14	SHORT TRIP F/ 10600' TO 9660' / NO HOLE RESTRICTIONS / NO FILL / NO BOTTOMS UP FLARE - GAS UNITS 3627
	18:00 - 20:00	2.00	CIRC	1	CIRCULATE HOLE CLEAN / BUILD SPOTTED PILL & SLUG FOR TRIP OUT OF HOLE FOR LOGS
	20:00 - 20:30	0.50	CIRC	1	PUMP & SPOT PILL & SLUG - 11.0 PPG. 50 BBL. PILL & 11.5 PPG. 40 BBL. SLUG FOR TRIP OUT OF HOLE FOR LOGS / DROP SURVEY DEPTH
	20:30 - 21:00	0.50	SUR	1	DROP SURVEY
21:00 - 22:30	1.50	TRP	2	TRIP OUT OF HOLE F/ 10600' TO 8250' W/ NO HOLE RESTRICTIONS / FOUND OUT LOGGERS WOULD NOT BE ABLE TO BE HERE WHEN NEEDED.	
22:30 - 23:30	1.00	TRP	2	TRIP IN HOLE F/ 8250' TO 10600' W/ NO HOLE RESTRICTIONS	
23:30 - 06:00	6.50	CIRC	1	CIRCULATE & CONDITION MUD / WAIT TO FIND OUT WHEN LOGGERS WILL BE ABLE TO COME PERFORM A TRIPLE COMBO LOG.	

### Operations Summary Report

Well Name: WRU EIH 6DD-35-8-22  
 Location: 35- 8-S 22-E 26  
 Rig Name: ENSIGN

Spud Date: 12/2/2007  
 Rig Release:  
 Rig Number: 24

Date	From - To	Hours	Code	Sub Code	Description of Operations
12/30/2007	06:00 - 08:30	2.50	CIRC	1	CIRCULATE & CONDITION / BUILD 50 BBLs 11.0 PPG. SPOTTED PILL & 40 BBLs. 11.5 PPG. SLUG / LOGGERS SHOULD BE ON LOCATION AT 13:30
	08:30 - 09:00	0.50	CIRC	1	PUMP & SPOT PILL & SLUG
	09:00 - 15:00	6.00	TRP	2	TRIP OUT OF HOLE F/ 10600' TO BIT / TRIPPING FOR TRIPLE COMBO LOGGING RUN
	15:00 - 16:00	1.00	TRP	1	LAY DOWN MUD MOTOR, IBS, & MONEL / RETREIVE SURVEY TOOL DEPTH 10339' INCL. 2.5 AZI 125.77
	16:00 - 18:00	2.00	LOG	1	RIG UP LOGGING NIPPLE & HALLIBURTON LOGGING EQUIPMENT
	18:00 - 20:00	2.00	LOG	1	START IN HOLE W/ LOGGS WHEN WIRER LINE WAS FOUND TO BE DAMMAGED
	20:00 - 22:30	2.50	LOG	1	COME OUT OF HOLE W/ LOGGS & REPAIR WIRER LINE
	22:30 - 05:00	6.50	LOG	1	RUN BACK IN W/ LOGS TO 10598' / HOLE RESTRICTION IN THE UPPER SECTION OF THE HOLE & NO HOLE RESTRICTIONS IN THE LOWER SECTION / RUNNING TRIPLE COMBO LOGS
12/31/2007	05:00 - 06:00	1.00	LOG	1	RIG DOWN HALLIBURTON LOGGERS
	06:00 - 06:30	0.50	RIG	7	HELD SAFETY MEETING W/ RIG CREW
	06:30 - 07:00	0.50	LOG	1	FINISH RIGGING DOWN LOGGING NIPPLE & HALLIBURTON LOGGERS
	07:00 - 09:30	2.50	TRP	2	MAKE UP BIT & BIT SUB / TRIP IN HOLE W/ BHA
	09:30 - 10:00	0.50	REAM	1	WASH & REAM THROUGH SHOE F/ 1125' TO 1195' / HOLE RESTRICTIONS
	10:00 - 11:00	1.00	RIG	1	RIG SERVICE LUBRICATE RIG & WORK ON BLOCK HANGING LINE
	11:00 - 12:00	1.00	RIG	6	CUT & SLIP DRILLING LINE -CIT 100' & SLIP ON 130'
	12:00 - 18:00	6.00	TRP	2	TRIP IN HOLE F/ 1195' TO 10412' FILLING EVERY 22 STDS. / NO HOLE RESTRICTIONS
	18:00 - 18:30	0.50	REAM	1	WASH & REAM F/ 10412' TO 10600' / 10' OF FILL / MINIMAL HOLE RESTRICTIONS
	18:30 - 21:30	3.00	CIRC	1	CIRCULATE & CONDITION / BOTTOMS UP FLARE 35' W/ 4781 UNITS OF GAS / BUILD & SPOT 50 BBLs. 11.0 PPG. PILL & 40 BBLs. 11.5 PPG. SLUG / RIG UP FRANKS LAY DOWN CREW
21:30 - 22:00	0.50	CIRC	1	PUMP & SPOT PILL & SLUG FOR TRIP OUT OF HOLE LAYING DRILL STRING DOWN	
22:00 - 06:00	8.00			TRIP OUT OF HOLE LAYING DOWN DRILL STRING / NO HOLE RESTRICTIONS / LAYING DOWN 8 3/4 BHA ASSEMBLY @ REPORT TIME	
1/1/2008	06:00 - 07:00	1.00	TRP	1	FINISH LAYING DOWN BHA
	07:00 - 09:00	2.00	OTH		RUN IN W/ WEAR RING PULLER & PULL WEAR RING
	09:00 - 09:30	0.50	RIG	7	HOLD SAFETY MEETING W/ FRANKS CSG. CREW & RIG CREW
	09:30 - 13:30	4.00	CSG	1	RIG UP FRANKS CSG. CREW / CSG. ELEVATORS, BAILS, & STABBING BOARD
	13:30 - 23:00	9.50	CSG	2	RUN 7" CSG. 34 JT'S 29 LB. (SPECIAL DRIFT), 202 JT'S OF 26 LB., HCP-110, 2JNT. SHOE TRACK
	23:00 - 01:00	2.00	CIRC	1	CIRCULATE & CONDITION W/ HANGER 2' F/ BEING LANDED / CIRCULATE THROUGH BOP'S / BOTTOMS UP GAS 7609 UNITS W/ 35' FLARE
	01:00 - 03:30	2.50	CSG	1	LAND HANGER W/ 250 THOUSAND / RIG DOWN FILL TOOL, RIG UP CIRCULATING SWEDGE, & RIG DOWN FRANKS CASING TOOLS
	03:30 - 06:00	2.50	CIRC	1	PICK UP STRING 2' & CIRCULATE & CONDITION HOLE WHILE CEMENTERS RIG UP GROUND EQUIPMENT / 20 BBLs/HR. LOSSES / PUMP LCM SWEEP TO HELP W/ LOSSES
1/2/2008	06:00 - 07:30	1.50	CIRC	1	CIRC. & COND. 7" CSG. & PUMP LCM SWEEP TO STOP LOSSES
	07:30 - 09:00	1.50	DEQ	4	LAND HANGER W/ 250 THOUSAND, PULL ROTATING HEAD RUBBER, & BREAK OUT RUNNING TOOL
	09:00 - 11:00	2.00	DEQ	4	SET PACK OFF PRESSURE TEST TO 5000 PSI FOR 10 MIN
	11:00 - 13:00	2.00	CMT	1	SET CEMENT ISOLATION PLUG & R/U CEMENTERS TO A-SECTION ON WELL HEAD
	13:00 - 14:30	1.50	CIRC	1	CIRC. & COND. 7" CSG. & HAVE SAFETY MEETING W/ HALLIBURTON
	14:30 - 16:00	1.50	CMT	1	R/D CIRC. SWEDGE & R/U HALLIBURTON CEMENT HEAD

**Operations Summary Report**

Well Name: WRU EIH 6DD-35-8-22  
 Location: 35- 8-S 22-E 26  
 Rig Name: ENSIGN

Spud Date: 12/2/2007  
 Rig Release:  
 Rig Number: 24

Date	From - To	Hours	Code	Sub Code	Description of Operations
1/2/2008	16:00 - 16:30	0.50	CMT	2	PRESSURE TEST CEMENT LINES TO 6000 PSI & NITROGENE TO 8000 PSI PUMP SPACER TRAIN 10 BBLs FRESH WATER, 30 BBLs. SUPERFLUSH, & 10 BBLs. FRESH WATER / PUMP 1ST. LEAD CEMENT 142 BBLs. @ 6 BPM / PUMP 2ND LEAD CEMENT 224 BBLs. @ 6 BPM / PUMP TAIL CEMENT 24 BBLs. @ 6 BPM / DROP TOP PLUG / DISPLACE W/ 400 BBLs. / PUMP DISPLACE W/ FINIAL PSI OF 2800 & BUMP PLUG PRESSURE UP TO 3400 PSI / TEST FLOATS(FLOAT HELD) 4 BBLs. BACK REPAIR MANUAL HCR VALVE, NEEDED REPLACED CHANGE OUT SAVOR SUB TO XT-39 CONNECTION TEST LOWER & UPPER WELL CONTROL VAVLES ON TOP DRIVE BOTH FAILED
	16:30 - 22:00	5.50	CMT	2	
	22:00 - 03:00	5.00	RIG	2	
	03:00 - 04:00	1.00	BOP	2	
	04:00 - 06:00	2.00	RIG	2	
1/3/2008	06:00 - 17:00	11.00	BOP	2	TEST B.O.P.S ( UPPER & LOWER KELLY COCK,UPPER & LOWER PIPE RAMS, BLIND RAMS,HCR,CHOKE HOUSE VALVES & FLOOR VALVES;250 LOW TEST 5 MINS. & 10,000 HIGH TEST 10 MINS.( ANNULAR 250 LOW TEST 5 MINS & 5,000 HIGH TEST 10 MINS )
	17:00 - 18:00	1.00	BOP	2	INSTALL WEAR BUSHING
	18:00 - 21:00	3.00	BOP	1	INSTALL SMITH HIGH PRESSURE HEAD & REPLACE FITTING ON IT
	21:00 - 21:30	0.50	RIG	1	CHANGE OUT SAVER SUB ON TOP DRIVE
	21:30 - 23:00	1.50	TRP	1	STRAP BHA & PIPE
	23:00 - 00:00	1.00	RIG	7	HELD SAFETY MEETING WITH FRANKS LAY DOWN MACHINE ON PICKING UP PIPE
	00:00 - 01:30	1.50	TRP	1	RIG UP LAY DOWN MACHINE
	01:30 - 05:30	4.00	TRP	1	PICK UP BHA & 4" PIPE
	05:30 - 06:00	0.50	RIG	2	WORK ON MASTER CLUTCH (AIR LEAK )

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-01089**

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 6DD-35-8-22**

9. API Well No.  
**43-047-38640**

10. Field and Pool, or Exploratory Area  
**WHITE RIVER**

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

**SUBMIT IN TRIPLICATE**

1. Type of Well  
Oil  Gas   
Well  Well  Other

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

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

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
**2551' FNL 2492' FWL, SENW, SECTION 35, T8S, R22E**

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>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

Initials: **KS**  
Date: **6-10-2008**  
COPY SENT TO OPERATOR

(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 6DD-35-8-22. 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 of production between the Dakota and Wasatch formations. Based upon offset production logs, the proposed initial allocation is as follows: Dakota - 20%, Mancos - 50%, Mesa Verde - 20%, Wasatch - 10%.**

**A production log will be run within 30 days to determine contribution from each interval. At that time a Subsequent Report will be filed detailing the results of the production log.**

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

14. I hereby certify that the foregoing is true and correct.  
Signed *Thomas Bills* Title Associate Regulatory Affairs Analyst Date 03/13/2008

(This space for Federal or State office use)

Approved by: \_\_\_\_\_ Title \_\_\_\_\_ Date: 6/11/08

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

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

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

**REQUEST DENIED**  
Utah Division of Oil, Gas and Mining  
Federal Approval of This Action Is Necessary

**CONFIDENTIAL**

\*See instruction on Reverse Side  
x Cause 187-08  
x see attached sheet

***INTENTS TO COMMINGLE  
MULTIPLE POOLS IN ONE WELLBORE  
(R649-3-22)***

1. An affidavit of notice and a plat were not submitted as required by R649-3-22.
  
2. Future requests for commingling shall include all parts required by R649-3-22 and shall be submitted together as one request, not in separate parts.

43-047-38640

35 8s 22e

RECEIVED

APR 01 2008

Questar E &amp; P

DIV. OF OIL, GAS &amp; MINING Page 1 of 3

**CONFIDENTIAL****Operations Summary Report**

Legal Well Name: WRU EIH 6DD-35-8-22

Common Well Name: WRU EIH 6DD-35-8-22

Event Name: COMPLETION

Contractor Name: Ensign Drilling USD

Rig Name: ENSIGN

Spud Date: 12/2/2007

Start: 1/11/2008

End:

Rig Release: 1/26/2008

Group:

Rig Number: 24

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
2/11/2008	12:00 - 18:00	6.00	LOG	2	C-LOG	MIRU LONE WOLF ELU. MU RIH WITH CCL/GR/CBL/VDL TO SEASON A NEW LINE. CHECKED CEMENT WHILE GOING IN THE HOLE TO SEE IF WE COULD LOG WITHOUT PRESSURE. WE WILL LOG IN THE MORNING WITH PRESSURE.
2/12/2008	07:00 - 11:30	4.50	LOG	2	C-LOG	MIRU LONE WOLF ELU. MU RIH WITH CCL/GR/CBL/VDL LOGGING TOOLS TO PBTD. STARTED LOGGING UP TO CORRELATE AND TOOL QUIT WORKING. POOH AND CHANGE OUT TOOLS.
	11:30 - 15:00	3.50	LOG	2	C-LOG	MU AND RIH WITH NEW LOGGING TOOLS. TAG PBTD AND PULL 300' STRIP TO CORRELATE TO HES LOG DATED 1-21-08. ELU PBTD = 15,315'. LOG FROM PBTD TO 13,800' WITH 4,000 PSI AND TOOL QUIT WORKING AGAIN. BLEED PRESSURE TO ZERO AND POOH.
	15:00 - 19:30	4.50	LOG	2	C-LOG	MU AND RIH WITH NEW LOGGING TOOLS. LOG FROM PBTD TO 6,300' WITH 4,000 PSI. EST TOC AT 6,830'. BLEED PRESSURE TO ZERO AND POOH.
2/14/2008	23:00 - 00:30	1.50	EQT	1	C-PRE	MIRU IPS PUMP TRUCK AND TEST CSG TO 10,000 PSI. TEST ANNULUS TO 3,000 PSI. TEST GOOD BLEED TO ZERO.
3/1/2008	07:00 - 14:00	7.00	PERF	2	C-PERF	MIRU OWP EL. PERF STG #1A W/ 1- 9' GUN LOADED 3 SPF, 120* PHASE, 11 GRAM CHARGE WITH 300 PSI. SHOOT 27 HOLES FROM 15,191' TO 15,200'. WILL FLOW TEST ZONE TIL MORNING.
3/2/2008	07:00 - 09:00	2.00	PERF	2	C-PERF	PERF STG #1B WITH 1- 16'; 1- 6'; 1- 2'; 1- 3' GUN LOADED 3 SPF, 120* PHASE, 11 GRAM CHARGE WITH 200 PSI. SHOOT 81 HOLES FROM 14,768' TO 15,080'.
	09:00 - 14:00	5.00	STIM	3	C-STIM	FRAC STAGE #1 WITH 800 GAL. 15% HCL AT 10 BPM, 791 BBLS GEL FLUID CARRYING 11,000 LBS# 20/40 SINTERLITE SAND INTO FORMATION. AVG RT= 34.2 BPM. AVG PSI= 10,408. SCREENED OUT AT END OF 1 PPA SAND DUE TO HES NOT HAVING GOOD GEL FLUID. FLOW WELL BACK TO TANK TO CLEAN UP WELLBORE.
	14:00 - 19:00	5.00	STIM	3	C-STIM	REPUMP STAGE #1 WITH 1,113 BBLS GEL FLUID CARRYING 48,000 LBS 20/40 SINTERLITE SAND INTO FORMATION. AVG RT= 41.3 BPM. AVG PSI= 10,496. SCREENED OUT 153 BBLS INTO FLUSH. FLOW WELL BACK TO TANK TO CLEAN UP WELLBORE.
3/3/2008	19:00 - 22:00	3.00	PERF	2	C-PERF	PERF STG #2 WITH 7- 2' GUN LOADED 3 SPF, 120* PHASE, 11 GRAM CHARGE WITH 5,600 PSI. SHOOT 42 HOLES FROM 14,112' TO 14,639'.
	07:00 - 08:30	1.50	STIM	3	C-STIM	FRAC STAGE #2 WITH 800 GAL. 15% HCL AT 10 BPM, 3132 BBLS SLICK WATER CARRYING 40,624 LBS# 30/50 & 30/60 SINTERLITE SAND. AVG RT= 45.4 BPM. AVG PSI= 9,211
	08:30 - 11:45	3.25	PERF	2	C-PERF	PERF STG 3 WITH 7- 2' GUNS LOADED 3 SPF, 120* PHASE, 11 GRAM CHARGE. SET WEATHERFORD 3.44" CFP @ 14,010' WITH .... PSI. SHOOT 42 HOLES FROM 13,498' TO 13,973'.
	11:45 - 13:30	1.75	STIM	3	C-STIM	FRAC STAGE #3 WITH 800 GAL. 15% HCL AT 10 BPM, 3112 BBLS SLICK WATER CARRYING 40,712 LBS# 30/50 & 30/60 SINTERLITE SAND. AVG RT= 42.9 BPM. AVG PSI= 8,752
3/4/2008	13:30 - 19:30	6.00	PERF	2	C-PERF	PERF STG #4 WITH 7- 2' GUNS LOADED 3 SPF, 120* PHASE, 11 GRAM CHARGE. SET WEATHERFORD 3.44" CFP @ 13,411' WITH 6,800 PSI. SHOOT 42 HOLES FROM 12,870' TO 13,394'.
	06:15 - 07:45	1.50	STIM	3	C-STIM	FRAC STAGE #4 WITH 800 GAL. 15% HCL AT 10 BPM, 2,625 BBLS SLICK WATER CARRYING 24,510 LBS# 30/60 SINTERLITE SAND.

### Operations Summary Report

Legal Well Name: WRU EIH 6DD-35-8-22  
 Common Well Name: WRU EIH 6DD-35-8-22  
 Event Name: COMPLETION  
 Contractor Name: Ensign Drilling USD  
 Rig Name: ENSIGN

Start: 1/11/2008  
 Rig Release: 1/26/2008  
 Rig Number: 24

Spud Date: 12/2/2007  
 End:  
 Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
3/4/2008	06:15 - 07:45	1.50	STIM	3	C-STIM	AVG RT= 43 BPM. AVG PSI= 9,860. NEVER GOT OVER.5 PPA AND CUT LAST SAND STG DUE TO PSI.
	07:45 - 10:00	2.25	PERF	2	C-PERF	PERF STG 5 WITH 7- 2' GUNS LOADED 3 SPF, 120* PHASE, 11 GRAM CHARGE. SET WEATHERFORD 3.44" CFP @ 12,780' WITH 7,000 PSI. SHOOT 42 HOLES FROM 12,112' TO 12,751'.
	10:00 - 11:45	1.75	STIM	3	C-STIM	FRAC STAGE #5 WITH 800 GAL. 15% HCL AT 10 BPM, 3,151 BBLS SLICK WATER CARRYING 40,938 LBS# 30/60 SINTERLITE SAND. AVG RT= 43.6 BPM. AVG PSI= 7,770
	11:30 - 14:30	3.00	PERF	2	C-PERF	PERF STG 6 WITH 7- 2' GUNS LOADED 3 SPF, 120* PHASE, 11 GRAM CHARGE. SET WEATHERFORD 3.44" CFP @ 12,020' WITH 3,600 PSI. SHOOT 42 HOLES FROM 11,400' TO 11,984'.
	14:30 - 16:00	1.50	STIM	3	C-STIM	FRAC STAGE #6 WITH 900 GAL. 15% HCL AT 10 BPM, 3,121 BBLS SLICK WATER CARRYING 40,485 LBS# 30/60 SINTERLITE SAND. AVG RT= 44 BPM. AVG PSI= 7000
	16:00 - 17:30	1.50	PERF	2	C-PERF	PERF STG 7 WITH 7- 2' GUNS LOADED 3 SPF, 120* PHASE, 11 GRAM CHARGE. SET WEATHERFORD 3.44" CFP @ 11,290' WITH 5,000 PSI. SHOOT 42 HOLES FROM 10,708' TO 11,271'.
	17:45 - 19:45	2.00	STIM	3	C-STIM	FRAC STAGE # 7 WITH 900 GAL. 15% HCL AT 10 BPM, 3,128 BBLS SLICK WATER CARRYING 40,800 LBS# 30/60 SINTERLITE SAND. AVG RT= 44.5 BPM. AVG PSI= 5,750
3/5/2008	06:00 - 08:00	2.00	PERF	2	C-PERF	PERF STG #8 WITH 8- 2' GUNS LOADED 3 SPF, 120* PHASE, 11 GRAM CHARGE. SET WEATHERFORD 3.44" CFP @ 10,016' WITH 4,300 PSI. SHOOT 48 HOLES FROM 9,338' TO 9,981'.
	08:00 - 09:15	1.25	STIM	3	C-STIM	FRAC STAGE #8 WITH 800 GAL. 15% HCL AT 10 BPM, 3,085 BBLS SLICK WATER CARRYING 60,479 LBS# 30/60 SINTERLITE SAND. AVG RT= 45.6 BPM. AVG PSI= 6,055
	09:15 - 11:00	1.75	PERF	2	C-PERF	PERF STG #9 WITH 8- 2' GUNS LOADED 3 SPF, 120* PHASE, 11 GRAM CHARGE. SET WEATHERFORD 3.44" CFP @ 9,253' WITH 3,700 PSI. SHOOT 48 HOLES FROM 8,589' TO 9,228'.
	11:00 - 12:15	1.25	STIM	3	C-STIM	FRAC STAGE #9 WITH 800 GAL. 15% HCL AT 10 BPM, 2,227 BBLS SLICK WATER CARRYING 40,392 LBS# 30/60 SINTERLITE SAND. AVG RT= 46 BPM. AVG PSI= 4,473
	12:15 - 13:30	1.25	PERF	2	C-PERF	PERF STG #10 WITH 5- 2' GUNS LOADED 3 SPF, 120* PHASE, 11 GRAM CHARGE. SET WEATHERFORD 3.44" CFP @ 8,480' WITH 2,700 PSI. SHOOT 30 HOLES FROM 10,708' TO 11,271'.
	13:30 - 14:45	1.25	STIM	3	C-STIM	FRAC STAGE #10 WITH 800 GAL. 15% HCL AT 10 BPM, BBLS SLICK WATER CARRYING 40,426 LBS# 30/60 SINTERLITE SAND. AVG RT= 44.9BPM. AVG PSI= 4,164
	14:45 - 16:00	1.25	PERF	2	C-PERF	PERF STG #11 WITH 8- 2' GUNS LOADED 3 SPF, 120* PHASE, 11 GRAM CHARGE. SET WEATHERFORD 3.44" CFP @ 8,032' WITH 2,500 PSI. SHOOT 48 HOLES FROM 7,371' TO 8,005'.
	16:00 - 16:45	0.75	STIM	3	C-STIM	FRAC STAGE #11 WITH 800 GAL. 15% HCL AT 10 BPM, 918 BBLS GEL FLUID CARRYING 67,221 LBS# 20/40 CRC SAND. AVG RT= 45 BPM. AVG PSI= 4,407
	16:45 - 20:00	3.25	PERF	2	C-PERF	RIH WITH PLUG AND GUNS. PLUG WOULDN'T SET. POOH WITH PLUG AND GUNS. RUN BACK IN HOLE WITH NEW PLUG. PERF STG #12 WITH 8- 2' GUNS LOADED 3 SPF, 120* PHASE, 11 GRAM CHARGE. SET WEATHERFORD 3.44" CFP @ 6,700' WITH 2,200 PSI. SHOOT 48 HOLES FROM 6,225' TO 6,672'.
	20:00 - 21:00	1.00	STIM	3	C-STIM	FRAC STAGE #12 WITH 800 GAL. 15% HCL AT 10 BPM, 619 BBLS GEL FLUID CARRYING 43,651 LBS# 20/40 CRC SAND. AVG RT= 47.0 BPM. AVG PSI= 4,470. SWI. RDMO HES AND OWP EL.

### Operations Summary Report

Legal Well Name: WRU EIH 6DD-35-8-22  
 Common Well Name: WRU EIH 6DD-35-8-22  
 Event Name: COMPLETION  
 Contractor Name: Ensign Drilling USD  
 Rig Name: ENSIGN  
 Start: 1/11/2008  
 Rig Release: 1/26/2008  
 Rig Number: 24  
 Spud Date: 12/2/2007  
 End:  
 Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
3/6/2008	06:00 - 06:00	24.00	TRP	9	C-TBNG	MIRU IPS CTU,
3/7/2008	06:00 - 23:59	17.98	TRP	9	C-TBNG	MIRU IPS CTU, Load CT with 150° F water. MU Express 2 7/8" motor/jars with 3.35" 5-blade junk mill. Test stack to 8,000 psi. RIH tag 1st plug drilled for 70 min. could not get motor to stall POOH to check motor, bad bearings. Install new motor & mill RBIH. Drill out 11 plugs in 12 hours. TAG PBTB AT 15,386'. Pump final 10 BBL sweep and POOH. Flowing to sales through IPS equipment.
3/8/2008	06:00 - 06:00	24.00	PTST	2	C-OTH	FLOWING WELL THROUGH IPS EQUIP
3/9/2008	06:00 - 06:00	24.00	PTST	2	C-OTH	FLOWING WELL THROUGH IPS EQUIP
3/10/2008	06:00 - 06:00	24.00	PTST	2	C-OTH	FLOWING WELL THROUGH IPS EQUIP
3/11/2008	06:00 - 06:00	24.00	PTST	2	C-OTH	FLOWING WELL THROUGH IPS EQUIP
3/12/2008	06:00 - 06:00	24.00	PTST	2	C-OTH	FLOWING WELL THROUGH IPS EQUIP, RDMO FBE.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

(See other instructions on reverse side).

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

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WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

1a. TYPE OF WELL OIL WELL  GAS WELL  DRY  Other \_\_\_\_\_

b. TYPE OF COMPLETION NEW WELL  WORK OVER  DEEP-EN  PLUG BACK  DIFF. RESVR  Other \_\_\_\_\_

2. NAME OF OPERATOR  
**QUESTAR EXPLORATION & PRODUCTION CO.**

3. ADDRESS OF OPERATOR **11002 EAST 17500 SOUTH - VERNAL, UT 84078** Contact: **Dahn Caldwell 435-781-4342** Fax # **435.781.4357**

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*  
At surface **2557' FNL, 2435' FWL - SENW - S35-T8S-R22E**  
At top rod. interval reported below **2557' FNL, 2435' FWL - SENW - S35-T8S-R22E**  
At total depth **2557' FNL, 2435' FWL - SENW - S35-T8S-R22E**

5. LEASE DESIGNATION AND SERIAL NO.  
**UTU-01089**

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 6DD 35 8 22**

10. FIELD AND POOL, OR WILDCAT  
**WHITE RIVER**

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA  
**SEC 35-T8S-R22E**

14. PERMIT NO. **43-047-38640** DATE ISSUED \_\_\_\_\_

12. COUNTY OR PARISH **UINTAH** 13. STATE **UT**

15. DATE SPUDED **10/29/07** 16. DATE T.D. REACHED **1/19/08** 17. DATE COMPL. (Ready to prod.) **3/7/08** 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\* **KB** 19. ELEV. CASINGHEAD \_\_\_\_\_

20. TOTAL DEPTH, MD & TVD **15,400'** 21. PLUG BACK T.D., MD & TVD **15,386'** 22. IF MULTIPLE COMPL., HOW MANY\* \_\_\_\_\_ 23. INTERVALS DRILLED BY \_\_\_\_\_ ROTARY TOOLS **X** CABLE TOOLS \_\_\_\_\_

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

25. WAS DIRECTIONAL SURVEY MADE  
**NO**

26. TYPE ELECTRIC AND OTHER LOGS RUN  
**ARRAY COMP TRUE RESISTIVITY, SPECTRAL DENSITY DSN, CBL/GR/CCL**

27. WAS WELL CORED  
**NO**

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
10-3/4"	40.5#	1,103'	15"	900 SXS	
7"	29#	10,536'	8-3/4"	540 SXS	
4-1/2"	15.1#	15,388'	6-1/8"	570 SXS	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
N/A	N/A	

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

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

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

33.\* PRODUCTION

DATE FIRST PRODUCTION **3/7/08** PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) **FLOWING** WELL STATUS (Producing or shut-in) **PRODUCING**

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N FOR TEST PERIOD	OIL-BBL.	GAS-MCF.	WATER-BBL.	GAS-OIL RATIO
<b>3/10/08</b>	<b>24</b>	<b>26</b>	<b>→</b>	<b>17</b>	<b>2,624</b>	<b>2,093</b>	

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL-BBL.	GAS-MCF	WATER-BBL	OIL GRAVITY-API (CORR.)
<b>N/A</b>	<b>2,100</b>	<b>→</b>				

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) **SOLD** TEST WITNESSED BY \_\_\_\_\_

35. LIST OF ATTACHMENTS  
**ATTACHMENT #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 **5/8/08**

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

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

**RECEIVED**  
**MAY 12 2008**

DIV. OF OIL, GAS & MINING

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

38. GEOLOGIC MARKERS  
WRU EIH 6DD 35 8 22

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	MEAS. DEPTH	TOP	TRUE VERT. DEPTH
WASATCH	5255'			5255'		
MESA VERDE	7702'			7702'		
CASTLE GATE	10152'			10152'		
BLACK HAWK	10556'			10556'		
MANCOS 'B'	10955'			10955'		
FRONTIER	11379'			11379'		
DAKOTA SILT	13900'			13900'		
DAKOTA	14753'			14753'		
MORRISON	14945'			14945'		
TD	15364'			15364'		
	15400'			15400'		

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**WRU EIH 6DD 35 8 22 – ATTACHMENT #1**  
**PERFORATION DETAIL:**

Open Perfs	Stimulation					Perf Status
6225' – 6229'	Frac w/	43,651	Lbs in	25,998	Gals	Open - Wasatch
6386' – 6392'						Open - Wasatch
6545' – 6549'						Open - Wasatch
6670' – 6672'						Open - Wasatch
7371' – 7373'	Frac w/	67,221	Lbs in	38,556	Gals	Open - Wasatch
7376' – 7378'						Open - Wasatch
7381' – 7383'						Open - Wasatch
7553' – 7557'						Open - Wasatch
7706' – 7708'						Open - Mesa Verde
7719' – 7721'						Open - Mesa Verde
8003' – 8005'						Open - Mesa Verde
8376' – 8378'	Frac w/	40,426	Lbs in	85,134	Gals	Open - LMV
8398' – 8400'						Open - LMV
8432' – 8434'						Open - LMV
8441' – 8443'						Open - LMV
8449' – 8451'						Open - LMV
8589' – 8591'	Frac w/	40,392	Lbs in	93,534	Gals	Open - LMV
8626' – 8628'						Open - LMV
8643' – 8645'						Open - LMV
8965' – 8967'						Open - LMV
9067' – 9069'						Open - LMV
9155' – 9157'						Open - LMV
9194' – 9196'						Open - LMV
9226' – 9228'						Open - LMV
9338' – 9340'	Frac w/	60,479	Lbs in	129,570	Gals	Open - LMV
9436' – 9438'						Open - LMV
9469' – 9471'						Open - LMV
9791' – 9795'						Open - LMV
9927' – 9929'						Open - LMV
9977' – 9981'						Open - Sego
10708' – 10710'	Frac w/	40,800	Lbs in	131,376	Gals	Open - Blackhawk
10761' – 10763'						Open - Blackhawk
10835' – 10837'						Open - Blackhawk
10958' – 10960'						Open - Mancos 'B'
11060' – 11062'						Open - Mancos 'B'
11177' – 11179'						Open - Mancos 'B'
11269' – 11271'						Open - Mancos 'B'

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11400' - 11402'	}	Frac w/	40,485	Lbs in	131,082	Gals	Open - Mancos 'B'
11455' - 11457'							Open - Mancos 'B'
11482' - 11484'							Open - Mancos
11580' - 11582'							Open - Mancos
11767' - 11769'							Open - Mancos
11890' - 11892'							Open - Mancos
11982' - 11984'	Open - Mancos						
12112' - 12114'	}	Frac w/	40,938	Lbs in	132,342	Gals	Open - Mancos
12206' - 12208'							Open - Mancos
12314' - 12316'							Open - Mancos
12460' - 12462'							Open - Mancos
12600' - 12602'							Open - Mancos
12681' - 12683'							Open - Mancos
12749' - 12751'	Open - Mancos						
12870' - 12872'	}	Frac w/	24,510	Lbs in	110,250	Gals	Open - Mancos
12952' - 12954'							Open - Mancos
13053' - 13055'							Open - Mancos
13129' - 13131'							Open - Mancos
13203' - 13205'							Open - Mancos
13293' - 13295'							Open - Mancos
13392' - 13394'	Open - Mancos						
13498' - 13500'	}	Frac w/	40,712	Lbs in	130,704	Gals	Open - Mancos
13592' - 13594'							Open - Mancos
13683' - 13685'							Open - Mancos
13739' - 13741'							Open - Mancos
13808' - 13810'							Open - Mancos
13918' - 13920'							Open - Frontier
13971' - 13973'	Open - Frontier						
14112' - 14114'	}	Frac w/	40,624	Lbs in	131,544	Gals	Open - Frontier
14187' - 14189'							Open - Frontier
14249' - 14251'							Open - Frontier
14347' - 14349'							Open - Frontier
14462' - 14464'							Open - Frontier
14536' - 14538'							Open - Frontier
14637' - 14639'	Open - Frontier						
14768' - 14771'	}	<b>Repump</b> Frac w/	48,000	Lbs in	46,746	Gals	Open - Dakota Silt
14842' - 14844'							Open - Dakota Silt
14948' - 14954'							Open - Dakota
15064' - 15080'							Open - Dakota
14768' - 14771'	}	Frac w/	11,000	Lbs in	33,222	Gals	Open - Dakota Silt
14842' - 14844'							Open - Dakota Silt
14948' - 14954'							Open - Dakota
15064' - 15080'							Open - Dakota
15191' - 15200'							Open - Dakota

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**Operations Summary Report**

**DRILLING**

Well Name: WRU EIH 6DD-35-8-22  
Location: 35- 8-S 22-E 26  
Rig Name: ENSIGN

Spud Date: 12/2/2007  
Rig Release: 1/26/2008  
Rig Number: 24

Date	From - To	Hours	Code	Sub Code	Description of Operations
11/2/2007	19:30 - 18:30	23.00	DRL	1	DRILLING F/ 60' TO 1130'
	18:30 - 22:30	4.00	CSG	2	RUN 10 3/4 CASING
11/23/2007	06:00 - 14:00	8.00	LOC	4	RIG DOWN TOP DRIVE & LAY DOWN / RIGGING DOWN PITS & WINTERIZE
	14:00 - 19:30	5.50	LOC	4	RIG DOWN ROTARY TOOLS & BRIDLE UP TO LAY OVER DERRICK
11/24/2007	19:30 - 06:00	10.50	LOC	4	READY RIG FOR LAYING DERRICK OVER & FOR TRUCKS
	06:00 - 11:00	5.00	LOC	4	LAY DERRICK OVER & UNSTRING BLOCKS / RECIEVED TRUCKS @ 8:00 AM & MOVING BACK YARD & MISC. TO NEW LOCATION
11/25/2007	11:00 - 18:00	7.00	LOC	4	HAUL TUBULARS, MUD PRODUCTS, JUNK BASKETS, PRE-MIX TANK, MUD TANK, 400 BBL. UP-RIGHT TANKS, TO NEW LOCATION. CRANE ON LOCATION @ 15:00 PM. 50% RIGGED DOWN, 70% ON OLD LOCATION, 30% ON NEW LOCATION
	18:00 - 06:00	12.00	OTH		WAIT ON DAYLIGHT
	06:00 - 13:00	7.00	LOC	3	LOAD & MOVE TO NEW LOCATIONS WATER TANK, SHAKER TANK, REST OF THE TUBULARS, MUD PUMPS, LIGHT PLANT, KOOMY, & DOG HOUSES
11/26/2007	13:00 - 18:00	5.00	LOC	4	LOAD OUT MOTORS, DRAWWORKS, & TAKE DERRICK OFF RIG FLOOR & LOAD OUT. 100% RIGGED DOWN, 80% ON NEW LOCATION, 20% ON OLD LOCATION. MOVING SUBS & CAMPS IN MORNING
	18:00 - 06:00	12.00	OTH		WAIT ON DAYLIGHT
	06:00 - 12:00	6.00	LOC	3	MOVE DERRICK, SUBS, SUB MATTS, & BREAK BOP STACK DOWN W/ CRANE
11/27/2007	12:00 - 18:00	6.00	LOC	4	SET LOCATION LINER, SET MATTS, INSTALL B-SECTION ON WELL HEAD, SET BOTTOM SUBS, REMOVE DOOR ON UPPER PIPE RAMS TO BE SENT IN FOR REPAIR, & RIG UP CAMPS. 100% OFF OLD LOCATION, 8% RIGGED UP
	18:00 - 06:00	12.00	OTH		WAIT ON DAYLIGHT
	06:00 - 15:00	9.00	LOC	4	FINISH SETTING SUBS, INSTALL SUB BEAMS, CENTER SUBS TO NEW WELL, INSTALL MOTOR PACKAGE, PUMPS, SUCTION TANK, PARTS HOUSE, & WATER TANK
11/28/2007	15:00 - 18:00	3.00	LOC	4	SET DERRICK ON FLOOR, SET OFF DRILLERSIDE DOGHOUSE, PARTS HOUSE, & TOP DRIVE POWER UNIT. 90% RIG SET IN & 50% RIGGED UP
	18:00 - 06:00	12.00	OTH		90% RIG SET IN & 50% RIGGED UP
	06:00 - 12:00	6.00	LOC	4	FINISH SETTING RIG IN W/ TRUCKS & CRANE. RELEASED TRUCKS @ 12:00 PM
11/29/2007	12:00 - 18:00	6.00	LOC	4	POWER UP LIGHT PLANT, STRING UP BLOCK W/ NEW DRILL LINE SPOOL, RIG UP ON PITS, SUBS, & PREP. DERRICK TO BE RAISED. 100% RIG SET IN & 70% RIGGED UP.
	18:00 - 06:00	12.00	LOC	4	100% RIG SET IN & 70% RIGGED UP
	06:00 - 10:00	4.00	LOC	4	RAISE DERRICK, HOOK UP WATER, AIR, & STEAM TO BACK YARD
11/30/2007	10:00 - 18:00	8.00	LOC	4	RIG UP RIG FLOOR & DERRICK, CHANGE #1 PUMP LINEARS TO 6", RIG UP POWER UNIT FOR TOP DRIVE, & PREPAIR TO PICK UP TOP DRIVE
	18:00 - 06:00	12.00	OTH		90% RIGGED UP
	06:00 - 12:00	6.00	LOC	4	INSTALL NEW MANUEL HCR VALVE & HCR VALVE, INSTALL REPAIRED UPPER PIPE RAM DOOR.
12/1/2007	12:00 - 14:00	2.00	LOC	4	RIG UP ROTARY CHAIN & GUARD-GUARD BENT FROM RIG MOVE & NEEDED REPAIRED W/ WELDER.
	14:00 - 18:00	4.00	LOC	4	RIG UP TOP DRIVE / SET MOUSE HOLE SLEEVE IN CELLAR & CEMENT CELLAR / HYDRALIC AIR HOIST NEEDED REPAIRED BY ELECTRITION-PLUG BURNED UP
	18:00 - 23:00	5.00	LOC	4	RIG UP TOP DRIVE, TIGHTEN SUBS, HOOK UP KELLY HOSE.
12/1/2007	23:00 - 06:00	7.00	BOP	1	TIGHTEN BOLT ON STACK W/ QUICK TEST, INSTALL KOOMY LINES, MAKE UP CHOKE LINE (NIPPLE UP BOP'S)
	06:00 - 08:00	2.00	BOP	1	RIG UP KILL LINE TO CHECK VAVLE & SWITCH KOOMY LINES ON BLIND RAMS & TOP PIPE RAMS
	08:00 - 09:00	1.00	BOP	1	FUNCTION TEST BOP / WENT TO START #2 FLOOR MOTOR & FOUND THAT TORQUE CONVERTER WAS NOT FUNCTIONING. GOING TO HAVE ONE

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### Operations Summary Report

Well Name: WRU EIH 6DD-35-8-22  
 Location: 35- 8-S 22-E 26  
 Rig Name: ENSIGN

Spud Date: 12/2/2007  
 Rig Release: 1/26/2008  
 Rig Number: 24

Date	From - To	Hours	Code	Sub Code	Description of Operations	
12/1/2007	08:00 - 09:00	1.00	BOP	1	DELIVERED TONIGHT & WILL HAVE A MACHANIC & CRANE HERE TO CHANGE IT OUT TOMORROW.	
	09:00 - 18:00	9.00	BOP	2	TEST BOP 5,000 HIGH 10 MIN. 250 LOW 10 MIN. LOWER KELLY VAVLE, UPPER KELLY VAVLE, SAFETY VAVLE, INSIDE BOP, PIPE RAMS, INSIDE HCR & KILL LINE VAVLES, OUTSIDE KILL LINE & HCR, CHOKE LINE, UPRIGHT GAGE VAVLE, INSIDE MANIFOLD VAVLES, BLIND RAMS, MIDDLE MANIFOLD VAVLES. TEST ANNULAR 2,500 HIGH 10 MIN. 250 LOW 10 MIN. TEST CASING 1,500 FOR 30 MIN. ACCUMULATOR FUNCTION TEST	
	18:00 - 19:00	1.00	RIG	1	RIG SERVICE LUBRICATE RIG & TOP DRIVE	
	19:00 - 23:30	4.50	BOP	1	SET THREADED WEAR BUSHING - TROUBLE BACKING OUT FROM WEAR RING WITH OUT PULLING IT OUT FROM SET SCREWS. SET IT WITH FOUR SET SCEWS SET.	
	23:30 - 06:00	6.50	BOP	1	MAKE UP ROTATING HEAD, ORBIT VAVLE, & FLOW LINE. SET OUT & MEASURE THE BHA. TORGUE CONVERTER ON LOCATION	
12/2/2007	06:00 - 15:00	9.00	RIG	2	FINISH RIGGING UP ORBIT VALVE & ROTATING HEAD BEARING ASSEMBLY, CHANGE OUT TORQUE CONVERTER ON #2 FLOOR MOTOR W/ MACHANIC & CRANE.	
	15:00 - 17:00	2.00	RIG	2	INSTALL MOUSE HOLE & STRAP BHA, MIX KCL TO A 3%	
	17:00 - 23:00	6.00	TRP	1	PICK UP 8 3/4 BHA	
	23:00 - 00:00	1.00	RIG	1	LUBRICATE RIG & TOP DRIVE	
	00:00 - 01:00	1.00	TRP	1	TAG CEMENT @ 1022' / FILL PIPE & DRILL PIPE PRESSURE @ 2,000 PSI W/ 72 STKS. EXSPECT PLUGGED JETS	
	01:00 - 04:00	3.00	DRL	4	DRILL CEMENT TAG FLOAT @ 1082' & SHOE @ 1125'	
	04:00 - 04:30	0.50	DRL	1	DRILL F/ 1152' TO 1162' 10' OF NEW FORMATION	
	04:30 - 05:00	0.50	EQT	2	PERFORM FIT W/ 8.4 PPG. 120 PSI FOR A 10.5 PPG. EQUIVLANT	
	05:00 - 06:00	1.00	DRL	1	DRILLING F/ 1162' TO 1182' W/ A ROP OF 20'/HR. & NO LOSSES	
	12/3/2007	06:00 - 07:00	1.00	CIRC	1	MIX & PUMP SWEEP FOR TRIP OUT OF HOLE ( HIGH DRILLING PRESSURE)
07:00 - 07:30		0.50	TRP	2	BLOW DOWN TOP DRIVE	
07:30 - 10:00		2.50	TRP	2	TRIP OUT OF HOLE F/ 1182' TO BIT	
10:00 - 12:00		2.00	TRP	1	BREAK OUT BIT & LAY DOWN MOTOR ( JETS ON BIT HAD NO OBSTRUCTIONS) PICK UP NEW MOTOR & CONDUCT SURFACE TEST	
12:00 - 14:30		2.50	TRP	2	MAKE UP NEW BIT & TRIP IN THE HOLE TO 1182'	
14:30 - 01:00		10.50	DRL	1	DRILLING F/ 1182' TO 2104' ROP @ 87'/HR. W/ NO DOWN HOLE LOSSES	
01:00 - 03:00		2.00	CIRC	2	LOST TOTAL RETURNS. PICK UP 60' OF BOTTOM MIX & PUMP LCM SWEEPS.	
03:00 - 06:00		3.00	DRL	1	DRILLING F/ 2104' TO 2231' ROP @ 42'/HR. W/ NO CURRENT DOWN HOLE LOSSES.	
12/4/2007		06:00 - 07:00	1.00	SUR	1	ATTEMPT TO RUN SLICK LINE SURVEY ( SURVEY MACHINE PLUGGED IN INCORRECTLY )
		07:00 - 11:00	4.00	DRL	1	DRILLING F/ 2231' TO 2325' W/ A ROP OF 24'/HR. W/ NO LOSSES ( DRILLING W/ KCL FRESH WATER)
	11:00 - 11:30	0.50	SUR	1	DEVIATION SURVEY @ 2240' INCL. 1.2 AZI. 332.9	
	11:30 - 13:00	1.50	DRL	1	DRILLING F/ 2325' TO 2417' W/ A ROP OF 61'/HR. W/ NO LOSSES	
	13:00 - 14:00	1.00	RIG	1	LUBRICATE RIG & TOP DRIVE FUNCTION UPPER PIPE RAMS	
12/5/2007	14:00 - 06:00	16.00	DRL	1	DRILLING F/ 2417' TO 3356' W/ A ROP OF 58'/HR. NO CURRENT LOSSES	
	06:00 - 06:30	0.50	SUR	1	RUN SLICK LINE SURVEY (SURVEY DEPTH 3291' INCL. 1.8 AZI. 216.8)	
	06:30 - 12:00	5.50	DRL	1	DRILLING F/ 3356' TO 3544' W/ ROP @ 34'/HR. W/ NO LOSSES ( DRILLING W/ KCL/FRESH WATER)	
12/6/2007	12:00 - 13:00	1.00	RIG	1	LUBRICATE RIG & TOP DRIVE / FUNCTION ANNULAR	
	13:00 - 14:00	1.00	OTH		INSTALL ROTATING HEAD RUBBER	
	14:00 - 06:00	16.00	DRL	1	DRILLING F/ 3715' TO 4204' W/ ROP @ 41'/HR. W/ NO LOSSES	
	06:00 - 15:00	9.00	DRL	1	DRILL F/ 4204 TO 4394	
	15:00 - 16:00	1.00	RIG	1	RIG SERVICE & SERVICE TOP DRIVE / FUNCTION TOP PIPE RAMS & CROWN -O-MATIC	

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### Operations Summary Report

Well Name: WRU EIH 6DD-35-8-22  
 Location: 35- 8-S 22-E 26  
 Rig Name: ENSIGN

Spud Date: 12/2/2007  
 Rig Release: 1/26/2008  
 Rig Number: 24

Date	From - To	Hours	Code	Sub Code	Description of Operations
12/6/2007	16:00 - 16:30	0.50	SUR	1	SURVEY DEPTH @ 4329 - 1.5 DEG. DIR 138.7
	16:30 - 06:00	13.50	DRL	1	DRILL F/ 4394 TO 4800
12/7/2007	06:00 - 17:00	11.00	DRL	1	DRILL F/ 4800 TO 4959 (RADICAL ROP 8' TO 30' HR PUMPING 20BBL SWEEP FOR BIT BALLING & 30 BBL SWEEP FOR HOLE SEEPAGE )
	17:00 - 18:00	1.00	RIG	1	RIG SERVICE & SERVICE TOP DRIVE & ( FUNCTION PIPE RAMS)
	18:00 - 06:00	12.00	DRL	1	DRILL F 4959 TO 5110 ( SAME PARAMETERS )
12/8/2007	06:00 - 06:30	0.50	DRL	1	DRILL F/ 5110 TO 5117 ( W / ROP 5 TO 10' HR ) (RUNNING SWEEP F/ LOSSES 10BBLS HR & BIT BALLING)
	06:30 - 07:30	1.00	CIRC	1	CIRC. BTMS UP & BUILD PILL F/ TRIP
	07:30 - 11:30	4.00	TRP	10	PUMP PILL & BLOW KELLY DOWN & TRIP OUT W/ BIT #2
	11:30 - 13:30	2.00	TRP	1	CHANGE OUT MOTORS & DEW MOTOR TEST & CHANGE OUT IBS REAMER & DRESS BIT)
	13:30 - 18:00	4.50	TRP	10	TRIP IN HOLE & FILL PIPE EVERY TWO ROWS ( LOST APPROX 70 BBLS ON TRIP ) & SAFETY REAM 60' TO BTM ( NO FILL )
	18:00 - 06:00	12.00	DRL	1	DRILL F/ 5117 TO 5400 ( W ROP 10 TO 35' HR ) RUNNING SWEEPS F/LOSSES & BIT BALLING
12/9/2007	06:00 - 11:30	5.50	DRL	1	DRILL F / 5398 TO 5524 ( ROP 10-30HR - WT 10-12 / 30BBL SWEEPS FOR LOSSES )
	11:30 - 12:00	0.50	SUR	1	WIRE LINE SURVEY DEPTH @ 5459 DEG. .4 DIR 131.2
	12:00 - 06:00	18.00	DRL	1	DRILL 5524 TO 5850 ( ROP 10-30HR - WT 14-16 / LOST APPROX. 350 BBLS IN 24HRS PUMPING 20% SWEEPS TO CONTROL LOSSES )
12/10/2007	06:00 - 15:30	9.50	DRL	1	DRILL F/ 5850 TO 5991 ( 16-18 BIT WT 10-30 FT HR.)( SHAKERS BY PASSED RUNNING 10% LCM IN THE SYSTEM LOST APPROX. 300BBLS IN 12HRS )
	15:30 - 16:30	1.00	RIG	1	RIG SERVICE & SERVICE TOP DRIVE ( FUNCTION ANNULAR )
	16:30 - 06:00	13.50	DRL	1	DRILL F/ 5991 TO 6335 ( SAME PERAMETORS LOSSES IN LAST 12 HRS 150 BBLS REDUCE PUMP STRKS 65 EACH 453 GALS. )( WORK ON PUMPS REPLACE VALVES & SEATS )
12/11/2007	06:00 - 13:30	7.50	DRL	1	DRILL F/ 6335 TO 6461 (16-18 BIT WT. ROP 10-30 FT HR. SHAKERS BYPASSED & 5-10% LCM IN THE SYSTEM TO CONTROL LOSSES )
	13:30 - 14:30	1.00	RIG	1	RIG SERVICE & SERVICE TOP DRIVE & ( FUNCTION TOP PIPE RAMS)
	14:30 - 15:00	0.50	SUR	1	WIRE LINE SURVEY
	15:00 - 06:00	15.00	DRL	1	DRILL 6461 TO 6765 ( BACK WT. OFF & TURN DRILL STRING RPMs UP TO 70 TO CONTROL DEVIATION IT WENT FROM .4 TO 1.7 ) ( LOST APPROX. 200 BBLS IN 24 HRS )
12/12/2007	06:00 - 09:00	3.00	DRL	1	DRILL F / 6765 TO 6837 ( ROP 10 TO 20 FT HR ) MAINTAIN 10% LCM IN SYSTEM LITTLE LOSSES TO HOLE & DUMPED SAND TRAP
	09:00 - 10:00	1.00	RIG	2	RIG SERVICE & SERVICE TOP DRIVE ( FUNCTION ANNULAR )
	10:00 - 10:30	0.50	SUR	1	WIRE LINE SURVEY @ 6769' DEV.1.9 & DIR.125.2
	10:30 - 06:00	19.50	DRL	1	DRILL F/ 6832 TO 7050 ( ROP 6 -15' HR ) LITTLE LOSSES
12/13/2007	06:00 - 06:30	0.50	DRL	1	DRILL F/ 7050 TO 7057
	06:30 - 07:00	0.50	SUR	1	DROP SURVEY ON TRIP ( DEPTH @ 5023 - MISS-RUN )
	07:00 - 10:00	3.00	TRP	15	WORK ON BAR HOPPER & BUILD & PUMP PILL & BLOW OUT KELLY
	10:00 - 13:30	3.50	TRP	2	TRIP OUT ( LAY DOWN 1JT )
	13:30 - 15:00	1.50	TRP	1	CHANGE OUT MOTOR & REAMER & DRESS BIT ( WORK BLIND RAMS )
	15:00 - 16:00	1.00	RIG	8	CHANGE OUT SAVER SUB ON TOP DRIVE
	16:00 - 17:00	1.00	TRP	2	TRIP IN BHA - FILL PIPE & TEST MOTOR
	17:00 - 18:00	1.00	RIG	6	CUT DRILL LINE
	18:00 - 22:30	4.50	TRP	2	TRIP IN & FILL PIPE EVERY 2 ROWS & HIT BRIDGE @ 5240
	22:30 - 23:00	0.50	REAM	1	WASH & REAM F/ 5240 TO 5335 ( HIGH TORQUE )
	23:00 - 23:30	0.50	RIG	8	RETIGHTEN GRABBER DIES ON TOP DRIVE
	23:30 - 00:30	1.00	TRP	2	FINISH TRIP IN
	00:30 - 02:00	1.50	REAM	1	SAFETY REAM F/ 6994 TO 7057 ( HIGH TORQUE & NO FILL )NO LOSSES
	02:00 - 06:00	4.00	DRL	1	DRILL F/ 7057 TO 7087 ( ROP 5 TO 30' HR STRINGERS )

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### Operations Summary Report

Well Name: WRU EIH 6DD-35-8-22  
 Location: 35- 8-S 22-E 26  
 Rig Name: ENSIGN

Spud Date: 12/2/2007  
 Rig Release: 1/26/2008  
 Rig Number: 24

Date	From - To	Hours	Code	Sub Code	Description of Operations	
12/14/2007	06:00 - 08:00	2.00	DRL	1	DRILL F/ 7087 TO 7118 ( ROP 10-15'HR )(RAN SHAKER ON ONE SIDE FOR TO FULL CIRCULATION TO GET RID OF OLD LCM & PUMPING 10% LCM SWEEPS WITH NEW ) & PUMPING BIT BALLING SWEEPS	
	08:00 - 09:00	1.00	RIG	1	RIG SERVICE & SERVICE TOP DRIVE ( FUNCTION TOP PIPE RAMS )	
	09:00 - 23:00	14.00	DRL	1	DRILL F /7118 TO 7250 ( 10-16 WT & ROP 5 - 20' HR ) RADITACAL DRILLING HITTING ALOT OF FRACTURES HIGH TORQUE (STILL PUMPING BIT BALLING SWEEPS & LCM SWEEPS TO CONTOLL LOSSES. )	
	23:00 - 01:00	2.00	CIRC	6	REDUCE PUMP RATE & PUMP 20% LCM SWEEPS TO GET FULL RETURN LOST 1/4 RETURNS @ 7245 & ALSO RUNNING 10 GALS MIN. MAKE UP WATER IN FOR LOSSES & BUILD VOLUME	
	01:00 - 06:00	5.00			DRILL F 7250 TO 7300 ( WITH SAME PERAMATORS ) LOST APPROX 650BBLs IN 24HRS	
12/15/2007	06:00 - 13:30	7.50	DRL	1	DRILL F / 7300 TO 7402 ( 13.6' HR - 16 TO 18 WT. RPMS - 140 RPM ) ( RUNNING 5 GAL MIN. & CONTROLING LOSSES WITH 20% LCM SWEEPS & 10 BBL PUMPING BIT BALLING SWEEP	
	13:30 - 14:30	1.00	RIG	2	RIG SERVICE & SERVICE TOP DRIVE (FUNCTION BOTTOM PIPE RAMS )	
	14:30 - 06:00	15.50	DRL	1	DRILL F/ 7402 TO 7637 WITH SAME PERAMATORS ( LOST APROXX. 168BBLs IN 24 HRS	
12/16/2007	06:00 - 08:00	2.00	DRL	1	DRILL F/ 7637 TO 7685 ( ROP 24'HR / 16-18 WT RPM 130 ) ( CONTROLLING LOSSES WITH 20% LCM SWEEPS & RUNNING BIT BALLING SWEEPS TOO)	
	08:00 - 09:00	1.00	RIG	1	RIG SERVICE & SERVICE TOP DRIVE ( FUNCTION HCR VALVE )	
	09:00 - 06:00	21.00	DRL	1	DRILL F / 7685 TO 8059 ( DRILLING WITH SAME PERAMATORS )	
12/17/2007	06:00 - 09:00	3.00	DRL	1	DRILL F/ 8091 TO 8125 ( 20' HR / WT 16-18 / RPM 130 )( MAINTAINING LOSSES WITH 20 % LCM SWEEPS & BIT BALLING SWEEPS )	
	09:00 - 10:00	1.00	RIG	1	RIG SERVICE & SERVICE TOP DRIVE	
	10:00 - 15:30	5.50	DRL	1	DRILL F/ 8125 TO 8229 (18.9' HR DRILL WITH THE SAME PERAMATORS )	
	15:30 - 17:00	1.50	CIRC	5	CRICULATE BTMS. UP & SPOT 100 BBL 20% LCM PILL	
	17:00 - 18:00	1.00	SUR	1	DROPEd SURVEY	
	18:00 - 22:00	4.00	TRP	2	PUMP PILL & TRIP OUT TO BHA	
	22:00 - 02:30	4.50	ISP	1	INSPECT BHA WITH ( CURTS INSPECTION ) ON THE WAY OUT & LAY DOWN JARS	
	02:30 - 03:00	0.50	TRP	1	LAY DOWN MOTOR & REAMER	
	03:00 - 05:00	2.00	RIG	2	REPAIR FUEL LINE ON RIG MOTORS	
	05:00 - 06:00	1.00	TRP	1	MAKE UP BIT & MOTOR & REAMER & BHS ( TEST MOTOR )	
	12/18/2007	06:00 - 08:30	2.50	TRP	2	TRIP IN BHA & STRAP & P/UP NEW JARS
		08:30 - 12:00	3.50	TRP	2	TRIP IN & FILL PIPE EVERY TWO ROWS & TAG @ 7682
		12:00 - 16:00	4.00	REAM	1	WASH & REAM F/ 7682 TO 8229 ( WT 0-5 RPMS 60-65/MOTOR 88) ( LOST 75BBLs ON TRIP)
	12/19/2007	16:00 - 06:00	14.00	DRL	1	DRILL F/ 8229 TO 8565 ( 24' HR - WT 8-10 -RPM TOP 60-65 MOTOR 85 ) (CONTROLLING LOSSES WITH 20% LCM SWEEPS )
		06:00 - 08:00	2.00	DRL	1	DRILL F/ 8565 TO 8626 (30.5' HR / 8 - 10 BIT WT / RPM 150 )
08:00 - 11:00		3.00	CIRC	2	LOST 1/4% FLOW & 300 PSI (LOST APPROX. 300BBLs ) @ 8620 PUMP 25% LCM SWEEPS & BUILD VOLUME ( ALSO HAD UNTHAW PREMIX LINE & BAR HOOPER LINES )	
11:00 - 14:00		3.00	DRL	1	DRILL F/ 8626 TO 8692 ( 22'HR / 8 -10 BIT WT / RPMS 150 )	
14:00 - 15:00		1.00	RIG	1	RIG SERVICE & SERVICE TOP DRIVE ( DUMP SHALE TANK & SAND TRAPS THEY WERE FROZEN )	
12/20/2007	15:00 - 06:00	15.00	DRL	1	DRILL F / 8692 TO 8890 (13.2' HR / 14-16 BIT WT RPM 140-150 )	
	06:00 - 14:00	8.00	DRL	1	DRILLING F/ 8890' TO 9067' W/ ROP @ 22'/HR. NO CURRENT LOSSES	
	14:00 - 14:30	0.50	RIG	1	LUBRICATE RIG & TOP DRIVE	
	14:30 - 22:30	8.00	DRL	1	DRILLING F/ 9067' TO 9109' W/ ROP @ 5'/HR. NO CURRENT LOSSES	
	22:30 - 23:30	1.00	CIRC	1	SPOT 30 BBLs. 11.0 PPG PILL, 40 BBLs. 11.5 PPG. SLUG, DROP SURVEY DEPTH 9050'	

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### Operations Summary Report

Well Name: WRU EIH 6DD-35-8-22  
 Location: 35- 8-S 22-E 26  
 Rig Name: ENSIGN

Spud Date: 12/2/2007  
 Rig Release: 1/26/2008  
 Rig Number: 24

Date	From - To	Hours	Code	Sub Code	Description of Operations
12/20/2007	23:30 - 06:00	6.50	TRP	10	TRIP OUT OF HOLE F/ 9109' TO BHA W/ NO HOLE RESTRICTIONS / HOLE FILL 20 BBLs. MORE THEN PROJECTED
12/21/2007	06:00 - 08:00	2.00	TRP	10	TRIP OUT OF HOLE W/ BHA / LAY DOWN MUD MOTOR / RETRIEVE SURVEY-MISS RUN ( WILL RUN SLICK LINE @ 9200' + OR - )
	08:00 - 09:30	1.50	TRP	1	PICK UP MUD MOTOR & SURFACE TEST / MAKE UP BIT
	09:30 - 10:30	1.00	TRP	2	TRIP IN HOLE W/ BHA / TIGHT @ SHOE 1052'
	10:30 - 11:30	1.00	REAM	1	REAM F/ 1052' TO 1150'
	11:30 - 12:00	0.50	TRP	2	INSTALL ROTATING HEAD
	12:00 - 16:30	4.50	TRP	2	TRIP IN HOLE F/ 1150' TO 9064' / FILL EVERY 20 STDS. / NO HOLE RESTRICTIONS
	16:30 - 18:00	1.50	REAM	1	PROCAUTIONARY REAMING F/ 9064' TO 9109' / 5' OF FILL ON BOTTOM / LOST 55 BBLs. TOTAL ON TRIP
12/22/2007	18:00 - 06:00	12.00	DRL	1	DRILLING F/ 9109' TO 9218' W/ ROP OF 9'/HR / NO CURRENT LOSSES
	06:00 - 07:30	1.50	DRL	1	DRILLING F/ 9218' TO 9252' W/ ROP @ 23'/HR. / NO LOSSES / AFTER HAVING 56 BBLs. INCREASE THROUGH THE NIGHT IT WAS FOUND TO BE RESERVE PIT WATER GOING INTO PIT UNATTIONALLY.
	07:30 - 08:30	1.00	RIG	1	LUBRICATE RIG & TOP DRIVE / FUNCTION UPPER PIPE RAMS
	08:30 - 18:00	9.50	DRL	1	DRILLING F/ 9252' TO 9300' W/ ROP @ 5'/HR. / NO LOSSES / PUMPED 3 BIT BALLING SWEEPS BACK TO BACK TO HELP INCREASE ROP
	18:00 - 19:00	1.00	DRL	1	DRILLING F/ 9300' TO 9301' WHILE BUILDING SPOTTED PILL & SLUG FOR TRIP OUT OF HOLE
	19:00 - 20:00	1.00	CIRC	1	PICK UP OFF BOTTOM & BUILD SPOTTED PILL & SLUG
	20:00 - 20:30	0.50	CIRC	1	PUMP & SPOTT SPOTTED PILL ( 30 BBLs. 11.0 PPG SPOTTED @ BIT ) PUMP 40 BBLs. 11.5 PPG. SLUG FOR TRIP OUT OF HOLE / DROP SURVEY DEPTH 9260'
	20:30 - 03:30	7.00	TRP	10	TRIP OUT OF HOLE F/ 9301' TO BIT. BREAK OUT BIT & RETRIEVE SURVEY TOOL. NO HOLE RESTRICTIONS. ANOTHER MISS RUN ON SURVEY-WILL BE CALLING TO HAVE SURVEY TOOL REPLACED.
	03:30 - 04:00	0.50	TRP	2	SURFACE TEST MUD MOTOR
	04:00 - 04:30	0.50	TRP	2	MAKE UP 8 3/4 BIT # 7
	04:30 - 06:00	1.50	TRP	2	TRIP IN HOLE W/ BHA
12/23/2007	06:00 - 07:00	1.00	TRP	2	TRIP IN W/ BHA TO SHOE 1052' & FILL PIPE
	07:00 - 08:30	1.50	RIG	6	CUT OFF DRILLING LINE AND SLIP BACK ON 140'
	08:30 - 09:00	0.50	OTH		CHANGE OUT DIES ON TOP DRIVE GRABBER
	09:00 - 10:00	1.00	RIG	1	LUBRICATE RIG & TOP DRIVE
	10:00 - 13:00	3.00	TRP	2	TRIP IN HOLE F/ 1052' TO 9252' / FILL PIPE EVERY 20 STDS. / NO HOLE RESTRICTIONS
	13:00 - 14:00	1.00	REAM	1	SAFETY REAM F/ 9252' TO 9301' / 5' OF FILL / NO HOLE RESTRICTIONS
	14:00 - 18:00	4.00	DRL	1	DRILLING F/ 9301' TO 9348 W/ ROP @ 12'/HR. / NO CURRENT LOSSES / TRIP GAS 6623 UNITS W/ NO FLARE / MUD WIEGHT 9.6 VIS 55
	18:00 - 18:30	0.50	SUR	1	RUN SLICK LINE SURVEY / SURVEY DEPTH @ 9280' INCL. 2 DEGREES AZI. 114.9
	18:30 - 06:00	11.50	DRL	1	DRILLING F/ 9348' TO 9505' W/ ROP @ 14'/HR. W/ NO LOSSES / MUD WIEGHT 9.5 PPG. VIS 50
12/24/2007	06:00 - 18:30	12.50	DRL	1	DRILING F/ 9505' TO 9637' W/ ROP @ 11'/HR & NO CURRENT LOSSES / MUD WIEGHT 9.6 VIS 55 / PUMPED BIT BALLING SWEEPS W/ LOWER ROP
	18:30 - 19:30	1.00	RIG	1	LUBRICATE RIG & TOP DRIVE / CONDUCT BOP DRILL / FUNCTION ANNULAR
	19:30 - 06:00	10.50	DRL	1	DRILLING F/ 9637' TO 9759' W/ ROP 12'/HR / NO LOSSES / MUD WIEGHT 9.6 VIS 53 / PUMPED BIT BALLING SWEEPS W/ LOWER ROP
12/25/2007	06:00 - 12:30	6.50	DRL	1	DRILLING F/ 9759' TO 9825' W/ ROP 10'/HR / NO LOSSES / MUD WEIGHT 9.6 VIS 53
	12:30 - 13:30	1.00	RIG	1	RIG SERVICE / LUBRICATE RIG & TOP DRIVE
	13:30 - 06:00	16.50	DRL	1	DRILLING F/ 9825' TO 10022' W/ ROP OF 12'/HR / NO LOSSES & MUD WEIGHT

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### Operations Summary Report

Well Name: WRU EIH 6DD-35-8-22  
 Location: 35- 8-S 22-E 26  
 Rig Name: ENSIGN

Spud Date: 12/2/2007  
 Rig Release: 1/26/2008  
 Rig Number: 24

Date	From - To	Hours	Code	Sub Code	Description of Operations
12/25/2007	13:30 - 06:00	16.50	DRL	1	9.4 VIS 54
12/26/2007	06:00 - 16:00	10.00	DRL	1	DRILING F/ 10022' TO 10105' W/ ROP OF 8.3'/HR / NO LOSSES / MUD WEIGHT 9.5 VIS 41
	16:00 - 17:00	1.00	RIG	1	RIG SERVICE - LUBRICATE RIG & TOP DRIVE / FUNCTION UPPER PIPE RAMS
	17:00 - 20:00	3.00	DRL	1	DRILLING F/ 10105' TO 10130' W/ ROP 8.3'/HR / NO LOSSES / MUD WEIGHT 9.5 VIS 43 / BUILD PILL & SLUG TOTRIP OUT OF HOLE
	20:00 - 20:30	0.50	CIRC	1	PUMP & SPOT 11.0 PPG PILL @ BIT / PUMP SLUG
	20:30 - 21:00	0.50	SUR	1	DROP SURVEY - DEPTH 10095'
	21:00 - 01:30	4.50	TRP	10	TRIP OUT OF THE HOLE F/ 10130 TO BIT / NO HOLE RESTRICTIONS
	01:30 - 02:00	0.50	TRP	2	LAY DOWN MOTOR & BREAK BIT / RETRIEVE SURVEY TOOL - SURVEY 1.8 DEGREES 117.1 AZI.
	02:00 - 03:00	1.00	TRP	2	PICK UP BAKER .17 MUD MOTOR & BIT #8 / SURFACE TEST MUD MOTOR
12/27/2007	03:00 - 06:00	3.00	TRP	2	TRIP IN HOLE W/ BHA TO 4200'
	06:00 - 09:30	3.50	TRP	2	TRIP IN HOLE F/ 4200' TO 10000' W/ NO RESTRICTIONS / MAKE UP TOP DRIVE TO SAFETY REAM / 22 BBLS. BELOW CALCULATED
	09:30 - 10:00	0.50	REAM	1	SAFETY REAM F/ 10000' TO 10130' W/ 7' OF FILL / NO LOSSES / TRIP GAS 4945 UNITS W/ NO FLARE
	10:00 - 18:00	8.00	DRL	1	DRILLING F/ 10130' TO 10230' W/ ROP OF 12.5'/HR / NO LOSSES / WOB 8-10 / DHRPM 98 / MUD WT. 9.6 VIS 40
	18:00 - 06:00	12.00	DRL	1	DRILLING F/ 10230' TO 10380' W/ ROP OF 12.5'/HR. / NO LOSSES / WOB 10-15 / DHRPM 98 / MUD WT. 9.5 VIS 43
12/28/2007	06:00 - 13:00	7.00	DRL	1	DRILLING F/ 10380' TO 10422' W/ ROP OF 6'/HR. / NO LOSSES / MUD WT. 9.6 VIS 43 / WOB 15-17
	13:00 - 13:30	0.50	CIRC	1	PUMP & SPOT PILL & DRY JOB / 11.1 PPG. SPOTTED PILL & 11.6 PPG. DRY JOB
	13:30 - 14:00	0.50	SUR	1	DROP SURVEY - DEPTH 10339'
	14:00 - 19:30	5.50	TRP	10	TRIP OUT OF HOLE F/ 10422' TO BIT
	19:30 - 20:00	0.50	TRP	2	BREAK OUT BIT # 8 & MAKE UP BIT #9 / RETREIVE SURVEY - DEPTH 10339' INC. 2 AZI. 84.6
	20:00 - 21:00	1.00	RIG	1	RIG SERVICE / CHANGE OUT SAVOR SUB
	21:00 - 03:30	6.50	TRP	2	TRIP IN HOLE F/ SURFACE TO 10298' / W/ NO HOLE RESTRICTIONS / 22 BBLS. LESS ON CALCULATED HOLE FILL
	03:30 - 04:00	0.50	REAM	1	SAFETY REAM F/ 10298' TO 10422' W/ 5' OF FILL / BOTTOMS UP FLARE OF 30' & 3215 FOR UNITS OF GAS
	04:00 - 06:00	2.00	DRL	1	DRILLING F/ 10422' TO 10450' W/ ROP OF 14'/HR & NO CURRENT LOSSES / MUD WT. 9.5 VIS 45 / WOB 8-10 / DHRPM 95
12/29/2007	06:00 - 15:00	9.00	DRL	1	DRILLING F/ 10450' TO 10600' W/ ROP OF 17'/HR. / NO LOSSES / MUD WT. 9.5 VIS 46 / WOB 8-10 / DHRPM 98 / TD INTERMEDIATE SECTION @ 10600' / NOTIFIED DONNA KENNEY W/ BLM ON TD & UP COMING OPERATIONS
	15:00 - 16:00	1.00	CIRC	1	CIRCULATE HOLE CLEAN & PUMP DRY JOB FOR SHORT TRIP 10 STDS.
	16:00 - 18:00	2.00	TRP	14	SHORT TRIP F/ 10600' TO 9660' / NO HOLE RESTRICTIONS / NO FILL / NO BOTTOMS UP FLARE - GAS UNITS 3627
	18:00 - 20:00	2.00	CIRC	1	CIRCULATE HOLE CLEAN / BUILD SPOTTED PILL & SLUG FOR TRIP OUT OF HOLE FOR LOGS
	20:00 - 20:30	0.50	CIRC	1	PUMP & SPOT PILL & SLUG - 11.0 PPG. 50 BBL. PILL & 11.5 PPG. 40 BBL. SLUG FOR TRIP OUT OF HOLE FOR LOGS / DROP SURVEY DEPTH
	20:30 - 21:00	0.50	SUR	1	DROP SURVEY
	21:00 - 22:30	1.50	TRP	2	TRIP OUT OF HOLE F/ 10600' TO 8250' W/ NO HOLE RESTRICTIONS / FOUND OUT LOGGERS WOULD NOT BE ABLE TO BE HERE WHEN NEEDED.
	22:30 - 23:30	1.00	TRP	2	TRIP IN HOLE F/ 8250' TO 10600' W/ NO HOLE RESTRICTIONS
	23:30 - 06:00	6.50	CIRC	1	CIRCULATE & CONDITION MUD / WAIT TO FIND OUT WHEN LOGGERS WILL BE ABLE TO COME PERFORM A TRIPLE COMBO LOG.
12/30/2007	06:00 - 08:30	2.50	CIRC	1	CIRCULATE & CONDITION / BUILD 50 BBLS 11.0 PPG. SPOTTED PILL & 40

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### Operations Summary Report

Well Name: WRU EIH 6DD-35-8-22  
 Location: 35- 8-S 22-E 26  
 Rig Name: ENSIGN

Spud Date: 12/2/2007  
 Rig Release: 1/26/2008  
 Rig Number: 24

Date	From - To	Hours	Code	Sub Code	Description of Operations
12/30/2007	06:00 - 08:30	2.50	CIRC	1	BBLs. 11.5 PPG. SLUG / LOGGERS SHOULD BE ON LOCATION AT 13:30
	08:30 - 09:00	0.50	CIRC	1	PUMP & SPOT PILL & SLUG
	09:00 - 15:00	6.00	TRP	2	TRIP OUT OF HOLE F/ 10600' TO BIT / TRIPPING FOR TRIPLE COMBO LOGGING RUN
	15:00 - 16:00	1.00	TRP	1	LAY DOWN MUD MOTOR, IBS, & MONEL / RETREIVE SURVEY TOOL DEPTH 10339' INCL. 2.5 AZI 125.77
	16:00 - 18:00	2.00	LOG	1	RIG UP LOGGING NIPPLE & HALLIBURTON LOGGING EQUIPMENT
	18:00 - 20:00	2.00	LOG	1	START IN HOLE W/ LOGGS WHEN WIRER LINE WAS FOUND TO BE DAMMAGED
	20:00 - 22:30 22:30 - 05:00	2.50 6.50	LOG LOG	1 1	COME OUT OF HOLE W/ LOGGS & REPAIR WIRER LINE RUN BACK IN W/ LOGS TO 10598' / HOLE RESTRICTION IN THE UPPER SECTION OF THE HOLE & NO HOLE RESTRICTIONS IN THE LOWER SECTION / RUNNING TRIPLE COMBO LOGS
12/31/2007	05:00 - 06:00	1.00	LOG	1	RIG DOWN HALLIBURTON LOGGERS
	06:00 - 06:30	0.50	RIG	7	HELD SAFETY MEETING W/ RIG CREW
	06:30 - 07:00	0.50	LOG	1	FINISH RIGGING DOWN LOGGING NIPPLE & HALLIBURTON LOGGERS
	07:00 - 09:30	2.50	TRP	2	MAKE UP BIT & BIT SUB / TRIP IN HOLE W/ BHA
	09:30 - 10:00	0.50	REAM	1	WASH & REAM THROUGH SHOE F/ 1125' TO 1195' / HOLE RESTRICTIONS
	10:00 - 11:00	1.00	RIG	1	RIG SERVICE LUBRICATE RIG & WORK ON BLOCK HANGING LINE
	11:00 - 12:00	1.00	RIG	6	CUT & SLIP DRILLING LINE -CIT 100' & SLIP ON 130'
	12:00 - 18:00	6.00	TRP	2	TRIP IN HOLE F/ 1195' TO 10412' FILLING EVERY 22 STDS. / NO HOLE RESTRICTIONS
	18:00 - 18:30	0.50	REAM	1	WASH & REAM F/ 10412' TO 10600' / 10' OF FILL / MINIMAL HOLE RESTRICTIONS
	18:30 - 21:30	3.00	CIRC	1	CIRCULATE & CONDITION / BOTTOMS UP FLARE 35' W/ 4781 UNITS OF GAS / BUILD & SPOT 50 BBLs. 11.0 PPG. PILL & 40 BBLs. 11.5 PPG. SLUG / RIG UP FRANKS LAY DOWN CREW
21:30 - 22:00	0.50	CIRC	1	PUMP & SPOT PILL & SLUG FOR TRIP OUT OF HOLE LAYING DRILL STRING DOWN	
22:00 - 06:00	8.00			TRIP OUT OF HOLE LAYING DOWN DRILL STRING / NO HOLE RESTRICTIONS / LAYING DOWN 8 3/4 BHA ASSEMBLY @ REPORT TIME	
1/1/2008	06:00 - 07:00	1.00	TRP	1	FINISH LAYING DOWN BHA
	07:00 - 09:00	2.00	OTH		RUN IN W/ WEAR RING PULLER & PULL WEAR RING
	09:00 - 09:30	0.50	RIG	7	HOLD SAFETY MEETING W/ FRANKS CSG. CREW & RIG CREW
	09:30 - 13:30	4.00	CSG	1	RIG UP FRANKS CSG. CREW / CSG. ELEVATORS, BAILS, & STABBING BOARD
	13:30 - 23:00	9.50	CSG	2	RUN 7" CSG. 34 JT'S 29 LB. (SPECIAL DRIFT), 202 JT'S OF 26 LB., HCP-110, 2JNT. SHOE TRACK
	23:00 - 01:00	2.00	CIRC	1	CIRCULATE & CONDITION W/ HANGER 2' F/ BEING LANDED / CIRCULATE THROUGH BOP'S / BOTTOMS UP GAS 7609 UNITS W/ 35' FLARE
01:00 - 03:30	2.50	CSG	1	LAND HANGER W/ 250 THOUSAND / RIG DOWN FILL TOOL, RIG UP CIRCULATING SWEDGE, & RIG DOWN FRANKS CASING TOOLS	
03:30 - 06:00	2.50	CIRC	1	PICK UP STRING 2' & CIRCULATE & CONDITION HOLE WHILE CEMENTERS RIG UP GROUND EQUIPMENT / 20 BBLs/HR. LOSSES / PUMP LCM SWEEP TO HELP W/ LOSSES	
1/2/2008	06:00 - 07:30	1.50	CIRC	1	CIRC. & COND. 7" CSG. & PUMP LCM SWEEP TO STOP LOSSES
	07:30 - 09:00	1.50	DEQ	4	LAND HANGER W/ 250 THOUSAND, PULL ROTATING HEAD RUBBER, & BREAK OUT RUNNING TOOL
	09:00 - 11:00	2.00	DEQ	4	SET PACK OFF PRESSURE TEST TO 5000 PSI FOR 10 MIN
	11:00 - 13:00	2.00	CMT	1	SET CEMENT ISOLATION PLUG & R/U CEMENTERS TO A-SECTION ON WELL HEAD
	13:00 - 14:30	1.50	CIRC	1	CIRC. & COND. 7" CSG. & HAVE SAFETY MEETING W/ HALLIBURTON
	14:30 - 16:00	1.50	CMT	1	R/D CIRC. SWEDGE & R/U HALLIBURTON CEMENT HEAD
	16:00 - 16:30	0.50	CMT	2	PRESSURE TEST CEMENT LINES TO 6000 PSI & NITROGENE TO 8000 PSI

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### Operations Summary Report

Well Name: WRU EIH 6DD-35-8-22  
 Location: 35- 8-S 22-E 26  
 Rig Name: ENSIGN

Spud Date: 12/2/2007  
 Rig Release: 1/26/2008  
 Rig Number: 24

Date	From - To	Hours	Code	Sub Code	Description of Operations
1/2/2008	16:30 - 22:00	5.50	CMT	2	PUMP SPACER TRAIN 10 BBLs FRESH WATER, 30 BBLs. SUPERFLUSH, & 10 BBLs. FRESH WATER / PUMP 1ST. LEAD CEMENT 142 BBLs. @ 6 BPM / PUMP 2ND LEAD CEMENT 224 BBLs. @ 6 BPM / PUMP TAIL CEMENT 24 BBLs. @ 6 BPM / DROP TOP PLUG / DISPLACE W/ 400 BBLs. / PUMP DISPLACE W/ FINIAL PSI OF 2800 & BUMP PLUG PRESSURE UP TO 3400 PSI / TEST FLOATS(FLOAT HELD) 4 BBLs. BACK
	22:00 - 03:00	5.00	RIG	2	REPAIR MANUAL HCR VALVE, NEEDED REPLACED
	03:00 - 04:00	1.00	BOP	2	CHANGE OUT SAVOR SUB TO XT-39 CONNECTION
	04:00 - 06:00	2.00	RIG	2	TEST LOWER & UPPER WELL CONTROL VAVLES ON TOP DRIVE BOTH FAILED
1/3/2008	06:00 - 17:00	11.00	BOP	2	TEST B.O.P.S ( UPPER & LOWER KELLY COCK,UPPER & LOWER PIPE RAMS, BLIND RAMS,HCR,CHOKE HOUSE VALVES & FLOOR VALVES;250 LOW TEST 5 MINS. & 10,000 HIGH TEST 10 MINS.)( ANNULAR 250 LOW TEST 5 MINS & 5,000 HIGH TEST 10 MINS )
	17:00 - 18:00	1.00	BOP	2	INSTALL WEAR BUSHING
	18:00 - 21:00	3.00	BOP	1	INSTALL SMITH HIGH PRESSURE HEAD & REPLACE FITTING ON IT
	21:00 - 21:30	0.50	RIG	1	CHANGE OUT SAVER SUB ON TOP DRIVE
	21:30 - 23:00	1.50	TRP	1	STRAP BHA & PIPE
	23:00 - 00:00	1.00	RIG	7	HELD SAFETY MEETING WITH FRANKS LAY DOWN MACHINE ON PICKING UP PIPE
	00:00 - 01:30	1.50	TRP	1	RIG UP LAY DOWN MACHINE
1/4/2008	01:30 - 05:30	4.00	TRP	1	PICK UP BHA & 4" PIPE
	05:30 - 06:00	0.50	RIG	2	WORK ON MASTER CLUTCH (AIR LEAK )
	06:00 - 07:30	1.50	RIG	2	REPAIR AIR LEAK ON HIGH DRUM CLUTCH
	07:30 - 14:00	6.50	TRP	3	PICK UP 4" DRILL PIPE ( DRILL PIPE PROTECTORS WERE HARD TO GET OFF DEW TO COLD WEATHER )
	14:00 - 15:00	1.00	TRP	3	LOAD RACKS & STRAP 4" PIPE
	15:00 - 20:00	5.00	TRP	3	PICK UP 4" PIPE
	20:00 - 21:00	1.00	TRP	3	LOAD RACKS & STRAP 4" PIPE
	21:00 - 00:00	3.00	TRP	3	PICK UP 4" PIPE
	00:00 - 01:00	1.00	TRP	3	( HELD SAFETY MEETING ) & RIG DOWN FRANKS LAYDOWN MACHINE
	01:00 - 01:30	0.50	DRL	4	INSTALL ROTATING HEAD
1/5/2008	01:30 - 06:00	4.50	DRL	4	TAG CEMENT @ 10,432 & DRILL CEMENT,FLOAT COLLAR & CEMENT ,SHOE
	06:00 - 07:00	1.00	DRL	1	DRILL F / 10,600 TO 10,615
	07:00 - 09:00	2.00	CIRC	1	CIRC. COND. MUD FOR F.I.T. TEST
	09:00 - 10:00	1.00	EQT	2	HELD F.I.T. TEST @ 15.5 MUD WT. 3350 PSI HELD 15 MINS.
	10:00 - 12:00	2.00	DRL	1	DRILL F / 10,615 TO 10,659 ( ROP 22' HR/ BIT WT 5-8 K RPMS MOTOR 42 ROTARY 40 ) ( TOP BLACK HAWK @ 10652 )
	12:00 - 13:00	1.00	RIG	1	RIG SERVICE & SERVICE TOP DRIVE ( FUNCTION TOP PIPE RAMS & ACR VALVE )
	13:00 - 06:00	17.00	DRL	1	DRILL F / 10,659 TO 10,954 (AVERAGE ROP 17.3 HR / RUN SAME PERAMATORS )( CURRENT ROP 28' HR )
1/6/2008	06:00 - 15:30	9.50	DRL	1	DRILL F / 10,954 TO 11,149 ( ROP 20.5 WT 5-8 RPMS 40-45 MOTOR 42 ) (TOP MANCOS SHALE 11,015 )
	15:30 - 16:30	1.00	RIG	1	RIG SERVICE & SERVICE TOP DRIVE ( FUNCTION ANNULAR )
1/7/2008	16:30 - 06:00	13.50	DRL	1	DRILL F / 11,149 TO 11,350 ( ROP 14.8 WT 5-8 RPMS 40-45 MOTOR42 )
	06:00 - 14:00	8.00	DRL	1	DRILL F / 11,350 TO 11,538 ( ROP 23.5 WT 8-10 RPMS 40 MOTOR 42
	14:00 - 15:00	1.00	RIG	1	RIG SERVICE & SERVICE TOP DRIVE ( FUNCTION TOP PIPE RAMS )
1/8/2008	15:00 - 06:00	15.00	DRL	1	DRILL F / 11,538 TO 11,915 ( ROP 25.1 RUNNING SAME PERAMATORS )
	06:00 - 15:30	9.50	DRL	1	DRILL F 11,915 TO 12,122 ( ROP 21.7 WT 8-10 RPMS 50 MOTOR 42 )
	15:30 - 16:30	1.00	RIG	1	RIG SERVICE & SERVICE TOP DRIVE ( FUNCTION BOTTOM PIPE RAMS )
	16:30 - 06:00	13.50	DRL	1	DRILL F / 12,122 TO 12,281 ( ROP 11.7 WT 12-14 RPM 45 MOTOR 42 ) ( CURRENT MUD WT IN 10.8 OUT 10.7 WITH NO SIGNS LOSSES CARRING 1650

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### Operations Summary Report

Well Name: WRU EIH 6DD-35-8-22  
 Location: 35- 8-S 22-E 26  
 Rig Name: ENSIGN

Spud Date: 12/2/2007  
 Rig Release: 1/26/2008  
 Rig Number: 24

Date	From - To	Hours	Code	Sub Code	Description of Operations
1/8/2008	16:30 - 06:00	13.50	DRL	1	UNIT BACK GROUND GAS )
1/9/2008	06:00 - 07:00	1.00	DRL	1	DRILL F/ 12,285 TO 12,315 (ROP 30' WT 12 RPMS 40 MOTOR 42 )
	07:00 - 08:00	1.00	RIG	1	RIG SERVICE & SERVICE TOP DRIVE ( FUNCTION ANNULAR )
	08:00 - 06:00	22.00	DRL	1	DRILL F/ 12,315 TO 13,094 (ROP 35.4' WT 10-12 RPMS 40 MOTOR 42 ) ( CURRENT MUD WT. IN 11.6 OUT 11.2 WITH NO SIGNS OF LOSSES & CARRING 3600 UNITS BACK GROUND GAS )
1/10/2008	06:00 - 11:00	5.00	DRL	1	DRILL F/ 13,094 TO 13,289 (ROP 39' WT. 10-12 RPMS 40-45 MOTOR 42 )
	11:00 - 12:00	1.00	RIG	1	RIG SERVICE & SERVICE TOP DRIVE ( FUNCTION LOWER PIPE RAMS )
	12:00 - 06:00	18.00	DRL	1	DRILL F/ 13,289 TO 113,643 (ROP 19.6' WT. 10-12 RPMS 40-45 MOTOR 42 ) ( CURRENT MUD WT. IN 12.1 OUT 12.0 WITH NO SIGNS OF LOSSES CARRING 550 UNIT ON THE GAS BUSTER 2-5' FLARE / CONN. 3550 UNITS 17' FLARE
1/11/2008	06:00 - 08:00	2.00	DRL	1	DRILL F / 13,643 TO 13,676 (ROP 16.5' WT 12-14 RPMS 40-45 MOTOR 42 )
	08:00 - 09:00	1.00	RIG	1	RIG SERVICE & SERVICE TOP DRIVE ( FUNCTION ANNULAR & HCR VALVE
	09:00 - 18:30	9.50	DRL	1	DRILL F/ 13,676 TO 13,868 ( ROP 20.2' WT 14-16 RPMS 40-45 MOTOR 42 ) ( CURRENT MUD WT IN 12.1 & OUT 12.0 WITH NO SIGNS OF LOSSES CARRING 1000 UNITS BACK GROUND WITH 2-5' DRILLY FLARE & CONN 2000 UNIT WITH 17 TO 20' FLARE )
	18:30 - 19:00	0.50	RIG	7	HELD SAFETY STAND DOWN MEETING ABOUT ( STORED ENERGY )
	19:00 - 20:30	1.50	CIRC	1	CIRCULATE BOTTOMS UP & GAS OUT ON BUSTERD
	20:30 - 21:00	0.50	SUR	1	DROP SURVEY @ 13,821
	21:00 - 22:00	1.00	CIRC	1	SPOT 80 BBLS @ 14.1 PILL / 40 BBLS ON BOTTOM & LEFT 40 BBLS IN DRILL STRING @ MONITOR WELL PRIOR TO TRIP
	22:00 - 23:00	1.00	RIG	5	BLOW DOWN KELLY & DRAIN GAS BUSTER & BLOW BACK THRU PUMPS & PULL NAILS ON PUMPS & CIRCULATE SUCTION LINES
	23:00 - 03:30	4.50	TRP	10	TRIP OUT FOR BIT & MOTOR
	03:30 - 04:30	1.00	CIRC	6	DRILL SRING CAME WET & SHUT DOWN & 40 BBL PILL @ 5,764
	04:30 - 05:00	0.50	CIRC	1	PUMP 25 BBLS PILL TO SLUG PIPE
	05:00 - 05:30	0.50	RIG	5	BLOW SYSTEM BACK DOWN
	05:30 - 06:00	0.50	TRP	10	FINISH TRIP OUT
1/12/2008	06:00 - 08:30	2.50	TRP	10	FINISH TRIP OUT
	08:30 - 09:00	0.50	RIG	7	HELD SAFETY MEETING WITH CREW ( STORED ENERGY )
	09:00 - 10:30	1.50	TRP	1	CHANGE OUT MOTOR & DID A SURFACE TEST ON IT LOOKS GOOD
	10:30 - 16:00	5.50	TRP	2	( CHANGED FOUND OUT WE WERE 1 JOINT DEEPER @ 13,900 ) ( TRIP IN BHA & FILL PIPE EVERY TWO ROWS )
	16:00 - 17:00	1.00	CIRC	1	INSTALL ROTATING HEAD & CIRCULATE BOTTOMS UP @ SHOE ( BOTTOMS UP FLAIR 15 TO 20' PEAK 1224 UNITS ON BUSTER )
	17:00 - 18:00	1.00	RIG	6	CUT DRILL LINE 150'
	18:00 - 19:00	1.00	RIG	1	RIG SERVICE & SERVICE TOP DRIVE
	19:00 - 21:00	2.00	TRP	2	FINSH STAGING IN THE HOLE @ 14,800
	21:00 - 22:00	1.00	REAM	1	SAFETY REAM 100' TO BOTTOM
	22:00 - 06:00	8.00	DRL	1	DRILL F/ 13,900 TO 14,097 ( ROP 24.6 WT 0-5 RPMS 40-45 MOTOR 64 RPMS ( CARRING IN 12.2+ OUT 12.2 / 950 1200 UNITS ON BUSTER
1/13/2008	06:00 - 14:00	8.00	DRL	1	DRLG. F/ 14,097 TO 14,226 ( ROP 16' WT 5-10 RPMS 45-50 MOTOR 63 ) ( CURRENT MUD WT. IN 12.5 OUT 12.4 CARRING 1000 UNITS WITH NO SIGNS OF LOSSES )
	14:00 - 15:00	1.00	RIG	1	RIG SERVICE & SERVICE TOP DRIVE ( FUNCTION TOP PIPE RAMS )
	15:00 - 06:00	15.00	DRL	1	DRLG. F/ 14,226 TO 14,518 ( ROP 19.4' WT10 RPMS 50 MOTOR 63 ) ( CURRENT MUD WT. IN 12.5 OUT 12.4 CARRING 1400 UNITS WITH NO SIGNS OF LOSSES )
1/14/2008	06:00 - 12:00	6.00	DRL	1	DRLG. F/ 14,518 TO 14,615 ( ROP 12' WT 10-12 RPMS 50 MOTOR 60 ) ( CURRENT MUD WT. IN 12.5 OUT 12.5 WITH NO SIGN OG LOSSES CARRING 4000 UNIT BACK GROUND GAS ON BUSTER )
	12:00 - 13:00	1.00	RIG	1	RIG SERVICE & SERVICE TOP DRIVE ( FUNCTION LOWER PIPE RAMS )

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### Operations Summary Report

Well Name: WRU EIH 6DD-35-8-22  
 Location: 35- 8-S 22-E 26  
 Rig Name: ENSIGN

Spud Date: 12/2/2007  
 Rig Release: 1/26/2008  
 Rig Number: 24

Date	From - To	Hours	Code	Sub Code	Description of Operations
1/14/2008	13:00 - 06:00	17.00	DRL	1	DRLG. F/ 14,615 TO 14,860 ( ROP 14.4' WT 12-14 RPM 50 MOTOR 60 ) ( CURRENT MUD WT IN 12.8 OUT 12.7 WITH NO SIGNS OF LOSSES CARRING 1750 UNITS BACK GROUNG GAS ON BUSTER ) ( THE LAST 150' HAS BEEN RADICAL DRILLING HAD TO BACK OFF THE WEIGHT & RESTART BIT SEVERAL TIMES THRU THE DAKOTA SILT )
1/15/2008	06:00 - 10:30	4.50	DRL	1	DRLG. F 14,860 TO 14886 ( ROP 5.7 WT 12 RPMS 50 MOTOR 60 ) ( WITH NO CURRENT LOSSES )
	10:30 - 11:30	1.00	CIRC	1	CIRCULATE BOTTOMS UP FOR TRIP
	11:30 - 12:00	0.50	SUR	1	DROP SURVEY
	12:00 - 14:00	2.00	CIRC	1	CIRCULATE & SPOT 80 BBLs 14.8 ( 40 BBLs ON BOTTOM & 40 BBLs LEFT IN DRILL STRING)
	14:00 - 17:00	3.00	TRP	10	BLOW DOWN MUD LINE & TRIP OUT TO THE SHOE
	17:00 - 22:00	5.00	RIG	2	SLIP ON & CUT BAD SPOT OUT OF DRILL LINE 1600'
	22:00 - 23:00	1.00	TRP	10	FILL TRIP TANK & BLOW DOWN MUD LINE
	23:00 - 00:30	1.50	TRP	10	TRIP OUT
	00:30 - 01:30	1.00	TRP	10	DRILL PIPE CAME WET @ 5665 & STOP PUMP A PILL & BLOW DOWN MUD LINE
	01:30 - 05:00	3.50	TRP	10	FINISH TRIP OUT
1/16/2008	05:00 - 06:00	1.00	TRP	1	LAY DOWN MUD MOTOR
	06:00 - 14:30	8.50	TRP	2	P/UP BHA & TRIP IN & FILL EVERY TWO ROWS
	14:30 - 15:30	1.00	CIRC	1	CIRCULATE BOTTOMS UP @ THE SHOE ( NO FLARE )
	15:30 - 16:30	1.00	RIG	1	RIG SERVICE & SERVICE TOP DRIVE ( CHANGE OUT SAVER SUB )
	16:30 - 17:00	0.50	TRP	2	STAGE IN THE HOLE @ 12,600
	17:00 - 18:00	1.00	CIRC	1	CIRCULATE & MOVE HEAVEY PILL UP HOLE
	18:00 - 19:00	1.00	TRP	2	FINISH TRIP IN
	19:00 - 00:00	5.00	REAM	1	SAFETY REAM F/ 14,563 TO 14,886 ( BOTTOMS UP FLARE 10-15')
1/17/2008	00:00 - 06:00	6.00	DRL	1	DRLG. F 14,886 TO 14,952 ( ROP 11 WT 5-8 RPMS 65 ) ( CURRENT MUD WT. IN 12.8 & OUT 12.7 CARRING 375 UNITS BACK GROUND GAS ON BUSTER ) ( WITH NO SIGNS OF LOSSES )
	06:00 - 11:30	5.50	DRL	1	DRILLING F/ 14952' TO 15017' ROP @ 13'/HR. / BIT WT. 8 - 10 RPM 65 / MUD WT. 12.7 VIS 57 GAS UNITS 380 ON GAS BUSTER / NO LOSSES
	11:30 - 12:30 12:30 - 06:00	1.00 17.50	RIG DRL	1 1	RIG SERVICE - LUBRICATE TOP DRIVE & RIG DRILLING F/ 15017' TO 15172' ROP @ 9'/HR. / BIT WT. 8-12 RPM 50 / MUD WT. 12.7 VIS 58 GAS UNITS 1600 ON GAS BUSTER ( WE STAYED OF THE GAS BUSTER MOST OF THE DAY ) NO DRILLING FLARE & NO LOSSES
1/18/2008	06:00 - 07:30	1.50	DRL	1	DRILLING F/ 15172' TO 15179' ROP @ 7'/HR. / BIT WT. 10 - 14 RPM 50 / MUD WT. 12.7 VIS 68 GAS UNITS 1633 W/ NO FLARE & NO LOSSES
	07:30 - 09:30	2.00	CIRC	1	CIRCULATE & CONDITION MUD / BUILD PILL & SLUG - 50 BBLs. 14.2 PPG SPOTTED PILL & 40 BBLs. 14.8 DRY JOB
	09:30 - 14:00	4.50	RIG	2	SHORT HANDED THREE MEN ON CREW ( WAITING ON RIG HANDS TO TRIP OUT OF HOLE ) CIRCULATING & CONDITIONING WHILE WAITING ON CREW HANDS TO SHOW UP / GAS UNITS CAME UP TO 6400 UNITS & MUD WT. COMING OUT WAS 4 TENTHS GAS CUT - ADDED BAR TO MAINTAIN 12.7 PPG.
	14:00 - 15:00	1.00	CIRC	1	PUMP & SPOT 50 BBLs. 14.2 PPG. & 40 BBLs. 14.8 PPG. DRY JOB
	15:00 - 15:30	0.50	TRP	10	TRIP OUT OF HOLE F/ 15179' TO 14700' 5 STDS. / BLOW DOWN MUD LINES, MUD PUMPS & TOP DRIVE
	15:30 - 16:00	0.50	RIG	2	THAW OUT TRIP TANK DISCHARGE LINE
	16:00 - 03:00	11.00	TRP	10	TRIP OUT OF HOLE F/ 14700' TO BHA / NO HOLE RESTRICTIONS / CHECK FOR FLOW @ 14700', 11000', 8400', 4100', 1900' ALL W/ NO FLOW
	03:00 - 04:00	1.00	TRP	10	BREAK OUT BIT # 13 / CLEAN RIG FLOOR / MAKE UP BIT # 14
1/19/2008	04:00 - 06:00	2.00	TRP	2	TRIP IN HOLE W/ BIT # 14 FILLING EVERY 22 STNDS
	06:00 - 07:30	1.50	TRP	2	TRIP IN HOLE W/ BHA / INSTALL ROTARING RUBBER / FILL PIPE

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### Operations Summary Report

Well Name: WRU EIH 6DD-35-8-22  
 Location: 35- 8-S 22-E 26  
 Rig Name: ENSIGN

Spud Date: 12/2/2007  
 Rig Release: 1/26/2008  
 Rig Number: 24

Date	From - To	Hours	Code	Sub Code	Description of Operations
1/19/2008	07:30 - 08:30	1.00	RIG	2	THAW OUT TOP DRIVE - ICE PLUG @ LOWER WELL CONTROL VALVE ( ON ENSIGNS TIME )
	08:30 - 11:30	3.00	TRP	2	TRIP IN HOLE F/ 1500' TO 10300' FILLING PIPE EVERY 22 STNDS.
	11:30 - 12:30	1.00	CIRC	1	CIRCULATE BOTTOMS UP @ SHOE - NO FLARE & NO LOSSES
	12:30 - 14:30	2.00	TRP	2	TRIP IN HOLE F/ 10300' TO 15050' W/ NO HOLE RESTRICTIONS
	14:30 - 16:30	2.00	REAM	1	SAFETY REAM F/ 15050' TO 15179' W/ 8' OF FILL / BOTTOMS UP W/ TRIP GAS @ 5531 UNITS & A 60' FLARE
	16:30 - 06:00	13.50	DRL	1	DRILLING F/ 15179' TO 15259' W/ ROP @ 6'/HR. / BIT WT. 10 - 13, RPM 60 / MUD WT. 12.7 VIS 57, GAS UNITS 150 OFF GAS BUSTER W/ NO LOSSES
1/20/2008	06:00 - 12:00	6.00	DRL	1	DRILLING F/ 15259' TO 15309' W/ ROP @ 8'/HR. / BIT WT. 10 TO 13, RPM 60 / MUD WT. 12.6 VIS 52, W/ NO LOSSES
	12:00 - 13:00	1.00	RIG	1	RIG SERVICE - LUBRICATE RIG & TOP DRIVE
	13:00 - 19:00	6.00	DRL	1	DRILLING F/ 15309' TO 15374' W/ ROP @ 11'/HR. / BIT WT. 10-13, RPM 60 / MUD WT. 12.7 VIS 54 W/ NO LOSSES
	19:00 - 21:00	2.00	CIRC	2	LOST TOTAL RETURNS, PICKED UP 30' OFF BOTTOM & BIULT & PUMPED LCM SWEEP ( WHILE MIXING LCM SWEEP REGAINED RUTURNS )
	21:00 - 21:30	0.50	CIRC	1	ROTAING HEAD CLAMP OPENED UP & ROTATING HEAD WAS RE-INSTALLED
	21:30 - 01:30	4.00	DRL	1	DRILLING F/ 15374' TO 15400' W/ ROP @ 6'/HR. / BIT WT. 13 RPM 60 / MUD WT. 12.6 VIS 53 W/ NO LOSSES
	01:30 - 04:30	3.00	CIRC	1	CIRCULATE & CONDITION MUD BY LETTING MUD WT. DROP TO A 12.6 FOR 50 STND. SHORT TRIP & MIX 80 BBLs. 1.5 PPG. DRY JOB
1/21/2008	04:30 - 05:00	0.50	CIRC	1	PUMP 80 BBL. DRY JOB
	05:00 - 06:00	1.00	TRP	14	TRIP OUT OF HOLE FOR 50 STND. SHORT TRIP
	06:00 - 09:00	3.00	TRP	14	TRIP OUT OF HOLE 5 STNDS. F/ 15400' TO 14700' / BLOW DOWN MUD SYSTEM / FINISH TRIPPING OUT OF HOLE 50 STNDS. SHORT TRIP F/ 14700' TO 10450' INTO SHOE
	09:00 - 10:30	1.50	TRP	14	PULL INTO SHOE & CHANGE OUT ROTATING HEAD RUBBER / CIRCULATE THROUGH GAS BUSTER TO CHECK FOR OBSTRUCTIONS - NO OBSTRUCTIONS
	10:30 - 13:00	2.50	TRP	14	TRIP BACK IN HOLE F/ 10450' TO 15300' W/ NO HOLE RESTRICTIONS
	13:00 - 13:30	0.50	REAM	1	SAFETY REAM F/ 15300' TO 15400' W/ 3' OF FILL / BOTTOMS UP WAS 7849 UNITS W/ 5' FLARE
	13:30 - 19:00	5.50	CIRC	1	CIRCULATE & CONDITION MUD / BUILD 125 BBLs. / PUMP LCM SWEEP TO HELP STOP LOSSES / BUILD 60 BBLs. 14.1 PPG. PILL & 40 BBLs. 14.6 PPG. DRY JOB
	19:00 - 19:30	0.50	CIRC	1	PUMP & SPOT 60 BBLs. 14.1 PPG PILL & 40 BBLs. 14.6 PPG. DRY JOB FOR TRIP OUT OF HOLE FOR TRIPLE COMBO WIRER LINE LOGS
	19:30 - 06:00	10.50	TRP	2	TRIP OUT OF HOLE F/ 15400' TO 14600' W/ TIGHT HOLE 45 THOUSAND HOLE DRAG / BLOW DOWN MUD SYSTEM / FINISH TRIPPING OUT OF HOLE F/ 14600' TO BIT W/ NO HOLE RESTRICTIONS
	1/22/2008	06:00 - 14:00	8.00	LOG	1
14:00 - 18:00		4.00	TRP	2	MAKE UP BIT # 15 & TRIP IN HOLE W/ BHA / INSTALL ROTATING HEAD / TRIP IN HOLE F/ BHA TO 3400' / FILL PIPE
18:00 - 22:30		4.50	TRP	2	TRIP IN HOLE F/ 3400' TO 10450' / FILL PIPE EVERY 25 STNDS.
22:30 - 00:00		1.50	RIG	6	CUT & SLIP 123' OF DRILL LINE / RE-SET CROWN-O-MATIC
00:00 - 02:30		2.50	TRP	2	TRIP IN HOLE F/ 10450' TO 15212' W/ NO HOLE RESTRICTIONS
02:30 - 03:30		1.00	REAM	1	SAFETY REAM F/ 15212' TO 15307' W/ NO HOLE RESTRICTIONS
03:30 - 04:00		0.50	CIRC	1	CIRCULATE GAS OUT ( GAS UNITS 2354 W/ 50' FLARE ) SHAKERS PARTLY BY-PASSED AFFECTING GAS READING
04:00 - 05:00		1.00	REAM	1	FINISH WASHING & REAMING F/ 15307' TO 15400' W/ 12' FILL
05:00 - 06:00		1.00	CIRC	1	CIRCULATE & CONIDITION HOLE BEFORE TRIPPNG OUT OF HOLE TO LAY

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**Operations Summary Report**

Well Name: WRU EIH 6DD-35-8-22  
 Location: 35- 8-S 22-E 26  
 Rig Name: ENSIGN

Spud Date: 12/2/2007  
 Rig Release: 1/26/2008  
 Rig Number: 24

Date	From - To	Hours	Code	Sub Code	Description of Operations
1/22/2008	05:00 - 06:00	1.00	CIRC	1	DOWN 6 1/8" DRILLING ASSEMBLY
1/23/2008	06:00 - 10:30	4.50	CIRC	1	CIRCULATE & CONDITION MUD, HOLD SAFETY MEETING W/ FRANKS LAY DOWN CREW, PUMP & SPOT 60 BBLs. 14.1 PPG. SPOTTED PILL & 40 BBLs. 14.8 DRY JOB
	10:30 - 03:30	17.00	TRP	3	TRIP OUT OF HOLE LAYING DOWN 6 1/8" DRILL STRING
	03:30 - 05:30	2.00	BOP	1	RIG DOWN HIGH PRESSURE ROTATING HEAD BEARING ASSEMBLY, PULL WEAR RING, & RIG BACK UP ROTATING HEAD
1/24/2008	05:30 - 06:00	0.50	RIG	7	HOLD SAFETY MEETING W/ CSG. CREW
	06:00 - 09:00	3.00	CSG	1	RIG DOWN DRILLING ELEVATORS & BAILS, & RIG UP CASING BAILS, ELEVATORS, FILL TOOL, & CASING EQUIPMENT
	09:00 - 09:30	0.50	RIG	7	HELD SAFETY MEETING W/ CASING CREW ON RUNNING 4 1/2" PRODUCTION CASING
	09:30 - 17:00	7.50	CSG	2	MAKE UP SHOE & FLOAT EQUIPMENT & RUN IN HOLE W/ CASING TO 5564'
	17:00 - 18:00	1.00	CIRC	1	BREAK CIRCULATION @ 5564'
	18:00 - 21:30	3.50	CSG	2	RUN IN HOLE W/ 4 1/2" CSG. F/ 5564' TO 10476' ( ABOVE 7" CASING SHOE )
	21:30 - 00:30	3.00	CIRC	1	INSTALL ROTATING HEAD RUBBER & BREAK CIRCULATION @ 10476' / CIRCULATE BOTTOMS UP @ SHOE ( GAS UNITS 8600 W/ 8' FLARE )
	00:30 - 01:30	1.00	CSG	2	RUN CASING F/ 10476' TO 11467'
	01:30 - 02:30	1.00	CIRC	1	BREAK CIRCULATION @ 11467' ( GAS UNITS 5857 )
	02:30 - 03:30	1.00	CSG	2	RUN CASING F/ 11467' TO 12458'
	03:30 - 04:30	1.00	CIRC	1	BREAK CIRCULATION @ 12458' ( GAS UNITS 9101 )
	04:30 - 05:30	1.00	CSG	2	RUN CASING F/ 12458' TO 13487'
1/25/2008	05:30 - 06:00	0.50	CIRC	1	BREAK CIRCULATION @ 13487'
	06:00 - 08:00	2.00	CIRC	1	CIRCULATE & CONDITION MUD WHILE FIXING LEAK ON GAS BUSTER LINE
	08:00 - 09:30	1.50	CSG	2	RUN CASING F/ 13487' TO 15358' TAGED FILL
	09:30 - 11:30	2.00	REAM	2	WASH DOWN F/ 15358' TO 15388' W/ 30' OF FILL ( COULD NOT WAS THE LAST 12' TO 15400' )
	11:30 - 13:00	1.50	CSG	1	RIG DOWN FRANKS CASING CREW & FILL TOOL
	13:00 - 18:00	5.00	CIRC	1	CIRCULATE W/ CIRC. HOSE & SWEGDE, HELD SAFETY MEETING W/ HALLIBURTON CEMENT CREW WHILE CONDITIONING MUD
	18:00 - 00:00	6.00	CMT	2	RIG UP HALLIBURTON & PRESSURE TEST LINES TO 10000 PSI. , PUMP TUNED SPACER III 100 BBLs. 13.5 PPG. , PUMP LEAD CEMENT 405SKS. 12.5 PPG. 2.51 YEILD 13.44 GAL/SK. PUMP TAIL CEMENT 165 SKS 14.0 PPG. 1.54 YEILD 6.90 GAL/SK. , DISPLACE W/ 219.5 BBLs BUMP PLUG W/ 5000 PSI. CHECK FLOATS W/ 6000 PSI. GOT 4 BBLs. BACK TO SURFACE
1/26/2008	00:00 - 06:00	6.00	BOP	1	NIPPLE DOWN BOP'S TO SET 4 1/2" CASING SLIPS
	06:00 - 08:00	2.00	BOP	1	NIPPLE DOWN ORBIT VALVE, KILL LINE, & CHOKE LINE / PREPAIR TO PICK UP BOP'S
	08:00 - 10:30	2.50	BOP	1	RIG UP B&C QUICK TESTS BOP JACKS & CAMERON / PICK UP BOP
	10:30 - 11:30	1.00	CSG	7	SET 4 1/2" CSG. SLIPS W/ 165 THOUSAND ON SLIPS / MAKE CUT ON CASING./ SET BOP'S BACK DOWN
	11:30 - 14:30	3.00	BOP	1	FINISH BREAK BOLTS ON BOP & RIG DOWN QUICK TEST / START CLEANING MUD PITS
	14:30 - 00:00	9.50	LOC	4	RIG DOWN TOP DRIVE W/ TESTCO TOP DRIVE TECH.
1/27/2008	00:00 - 06:00	6.00	LOC	4	RIG DOWN & FLUSH OUT PUMPS & MUD LINES / CLEAN ON MUD TANKS
	06:00 - 10:00	4.00	LOC	4	CLEAN PITS W/ VAC TRUCK / RIG DOWN ROTARY TOOLS
	10:00 - 18:00	8.00	LOC	4	RIG RELEASE @ 10:00 AM ON 1/26/2008 BRIDLE UP & PREPAIR DERRICK TO BE LAYED OVER IN THE MORNING // RIG DOWN RIG FLOOR / DRAIN & WINTERIZE MUD SYSTEM & RIG DOWN BACK YARD
	18:00 - 06:00	12.00	LOC	4	30% RIGGED DOWN & 5% ON NEW LOCATION // TALCO TRUCKING WILL BE HERE IN THE MORNING // WILL BE MOVING HOUSES IN THE MORNING // WAIT ON DAYLIGHT

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**Operations Summary Report**

**Completion**

Well Name: WRU EIH 6DD-35-8-22  
Location: 35- 8-S 22-E 26  
Rig Name: ENSIGN

Spud Date: 12/2/2007  
Rig Release: 1/26/2008  
Rig Number: 24

Date	From - To	Hours	Code	Sub Code	Description of Operations
2/11/2008	12:00 - 18:00	6.00	LOG	2	MIRU LONE WOLF ELU. MU RIH WITH CCL/GR/CBL/VDL TO SEASON A NEW LINE. CHECKED CEMENT WHILE GOING IN THE HOLE TO SEE IF WE COULD LOG WITHOUT PRESSURE. WE WILL LOG IN THE MORNING WITH PRESSURE.
2/12/2008	07:00 - 11:30	4.50	LOG	2	MIRU LONE WOLF ELU. MU RIH WITH CCL/GR/CBL/VDL LOGGING TOOLS TO PBTD. STARTED LOGGING UP TO CORRELATE AND TOOL QUIT WORKING. POOH AND CHANGE OUT TOOLS.
	11:30 - 15:00	3.50	LOG	2	MU AND RIH WITH NEW LOGGING TOOLS. TAG PBTD AND PULL 300' STRIP TO CORRELATE TO HES LOG DATED 1-21-08. ELU PBTD = 15,315'. LOG FROM PBTD TO 13,800' WITH 4,000 PSI AND TOOL QUIT WORKING AGAIN. BLEED PRESSURE TO ZERO AND POOH.
	15:00 - 19:30	4.50	LOG	2	MU AND RIH WITH NEW LOGGING TOOLS. LOG FROM PBTD TO 6,300' WITH 4,000 PSI. EST TOC AT 6,830'. BLEED PRESSURE TO ZERO AND POOH.
2/14/2008	23:00 - 00:30	1.50	EQT	1	MIRU IPS PUMP TRUCK AND TEST CSG TO 10,000 PSI. TEST ANNULUS TO 3,000 PSI. TEST GOOD BLEED TO ZERO.
3/1/2008	07:00 - 14:00	7.00	PERF	2	MIRU OWP EL. PERF STG #1A W/ 1- 9' GUN LOADED 3 SPF, 120* PHASE, 11 GRAM CHARGE WITH 300 PSI. SHOOT 27 HOLES FROM 15,191' TO 15,200'. WILL FLOW TEST ZONE TIL MORNING.
3/2/2008	07:00 - 09:00	2.00	PERF	2	PERF STG #1B WITH 1- 16'; 1- 6'; 1- 2'; 1- 3' GUN LOADED 3 SPF, 120* PHASE, 11 GRAM CHARGE WITH 200 PSI. SHOOT 81 HOLES FROM 14,768' TO 15,080'.
	09:00 - 14:00	5.00	STIM	3	FRAC STAGE #1 WITH 800 GAL. 15% HCL AT 10 BPM, 791 BBLs GEL FLUID CARRYING 11,000 LBS# 20/40 SINTERLITE SAND INTO FORMATION. AVG RT= 34.2 BPM. AVG PSI= 10,408. SCREENED OUT AT END OF 1 PPA SAND DUE TO HES NOT HAVING GOOD GEL FLUID. FLOW WELL BACK TO TANK TO CLEAN UP WELLBORE.
	14:00 - 19:00	5.00	STIM	3	REPUMP STAGE #1 WITH 1,113 BBLs GEL FLUID CARRYING 48,000 LBS 20/40 SINTERLITE SAND INTO FORMATION. AVG RT= 41.3 BPM. AVG PSI= 10,496. SCREENED OUT 153 BBLs INTO FLUSH. FLOW WELL BACK TO TANK TO CLEAN UP WELLBORE.
3/3/2008	19:00 - 22:00	3.00	PERF	2	PERF STG #2 WITH 7- 2' GUN LOADED 3 SPF, 120* PHASE, 11 GRAM CHARGE WITH 5,600 PSI. SHOOT 42 HOLES FROM 14,112' TO 14,639'.
	07:00 - 08:30	1.50	STIM	3	FRAC STAGE #2 WITH 800 GAL. 15% HCL AT 10 BPM, 3132 BBLs SLICK WATER CARRYING 40,624 LBS# 30/50 & 30/60 SINTERLITE SAND. AVG RT= 45.4 BPM. AVG PSI= 9,211
	08:30 - 11:45	3.25	PERF	2	PERF STG 3 WITH 7- 2' GUNS LOADED 3 SPF, 120* PHASE, 11 GRAM CHARGE. SET WEATHERFORD 3.44" CFP @ 14,010' WITH .... PSI. SHOOT 42 HOLES FROM 13,498' TO 13,973'.
	11:45 - 13:30	1.75	STIM	3	FRAC STAGE #3 WITH 800 GAL. 15% HCL AT 10 BPM, 3112 BBLs SLICK WATER CARRYING 40,712 LBS# 30/50 & 30/60 SINTERLITE SAND. AVG RT= 42.9 BPM. AVG PSI= 8,752
3/4/2008	13:30 - 19:30	6.00	PERF	2	PERF STG #4 WITH 7- 2' GUNS LOADED 3 SPF, 120* PHASE, 11 GRAM CHARGE. SET WEATHERFORD 3.44" CFP @ 13,411' WITH 6,800 PSI. SHOOT 42 HOLES FROM 12,870' TO 13,394'.
	06:15 - 07:45	1.50	STIM	3	FRAC STAGE #4 WITH 800 GAL. 15% HCL AT 10 BPM, 2,625 BBLs SLICK WATER CARRYING 24,510 LBS# 30/60 SINTERLITE SAND. AVG RT= 43 BPM. AVG PSI= 9,860. NEVER GOT OVER.5 PPA AND CUT LAST SAND STG DUE TO PSI.
	07:45 - 10:00	2.25	PERF	2	PERF STG 5 WITH 7- 2' GUNS LOADED 3 SPF, 120* PHASE, 11 GRAM CHARGE. SET WEATHERFORD 3.44" CFP @ 12,780' WITH 7,000 PSI. SHOOT 42 HOLES FROM 12,112' TO 12,751'.

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### Operations Summary Report

Well Name: WRU EIH 6DD-35-8-22  
 Location: 35- 8-S 22-E 26  
 Rig Name: ENSIGN

Spud Date: 12/2/2007  
 Rig Release: 1/26/2008  
 Rig Number: 24

Date	From - To	Hours	Code	Sub Code	Description of Operations
3/4/2008	10:00 - 11:45	1.75	STIM	3	FRAC STAGE #5 WITH 800 GAL. 15% HCL AT 10 BPM, 3,151 BBLS SLICK WATER CARRYING 40,938 LBS# 30/60 SINTERLITE SAND. AVG RT= 43.6 BPM. AVG PSI= 7,770
	11:30 - 14:30	3.00	PERF	2	PERF STG 6 WITH 7- 2' GUNS LOADED 3 SPF, 120* PHASE, 11 GRAM CHARGE. SET WEATHERFORD 3.44" CFP @ 12,020' WITH 3,600 PSI. SHOOT 42 HOLES FROM 11,400' TO 11,984'.
	14:30 - 16:00	1.50	STIM	3	FRAC STAGE #6 WITH 900 GAL. 15% HCL AT 10 BPM, 3,121 BBLS SLICK WATER CARRYING 40,485 LBS# 30/60 SINTERLITE SAND. AVG RT= 44 BPM. AVG PSI= 7000
	16:00 - 17:30	1.50	PERF	2	PERF STG 7 WITH 7- 2' GUNS LOADED 3 SPF, 120* PHASE, 11 GRAM CHARGE. SET WEATHERFORD 3.44" CFP @ 11,290' WITH 5,000 PSI. SHOOT 42 HOLES FROM 10,708' TO 11,271'.
	17:45 - 19:45	2.00	STIM	3	FRAC STAGE # 7 WITH 900 GAL. 15% HCL AT 10 BPM, 3,128 BBLS SLICK WATER CARRYING 40,800 LBS# 30/60 SINTERLITE SAND. AVG RT= 44.5 BPM. AVG PSI= 5,750
3/5/2008	06:00 - 08:00	2.00	PERF	2	PERF STG #8 WITH 8- 2' GUNS LOADED 3 SPF, 120* PHASE, 11 GRAM CHARGE. SET WEATHERFORD 3.44" CFP @ 10,016' WITH 4,300 PSI. SHOOT 48 HOLES FROM 9,338' TO 9,981'.
	08:00 - 09:15	1.25	STIM	3	FRAC STAGE #8 WITH 800 GAL. 15% HCL AT 10 BPM, 3,085 BBLS SLICK WATER CARRYING 60,479 LBS# 30/60 SINTERLITE SAND. AVG RT= 45.6 BPM. AVG PSI= 6,055
	09:15 - 11:00	1.75	PERF	2	PERF STG #9 WITH 8- 2' GUNS LOADED 3 SPF, 120* PHASE, 11 GRAM CHARGE. SET WEATHERFORD 3.44" CFP @ 9,253' WITH 3,700 PSI. SHOOT 48 HOLES FROM 8,589' TO 9,228'.
	11:00 - 12:15	1.25	STIM	3	FRAC STAGE #9 WITH 800 GAL. 15% HCL AT 10 BPM, 2,227 BBLS SLICK WATER CARRYING 40,392 LBS# 30/60 SINTERLITE SAND. AVG RT= 46 BPM. AVG PSI= 4,473
	12:15 - 13:30	1.25	PERF	2	PERF STG #10 WITH 5- 2' GUNS LOADED 3 SPF, 120* PHASE, 11 GRAM CHARGE. SET WEATHERFORD 3.44" CFP @ 8,480' WITH 2,700 PSI. SHOOT 30 HOLES FROM 8,376' TO 8,451'.
	13:30 - 14:45	1.25	STIM	3	FRAC STAGE #10 WITH 800 GAL. 15% HCL AT 10 BPM, 2,027 BBLS SLICK WATER CARRYING 40,426 LBS# 30/60 SINTERLITE SAND. AVG RT= 44.9BPM. AVG PSI= 4,164
	14:45 - 16:00	1.25	PERF	2	PERF STG #11 WITH 8- 2' GUNS LOADED 3 SPF, 120* PHASE, 11 GRAM CHARGE. SET WEATHERFORD 3.44" CFP @ 8,032' WITH 2,500 PSI. SHOOT 48 HOLES FROM 7,371' TO 8,005'.
	16:00 - 16:45	0.75	STIM	3	FRAC STAGE #11 WITH 800 GAL. 15% HCL AT 10 BPM, 918 BBLS GEL FLUID CARRYING 67,221 LBS# 20/40 CRC SAND. AVG RT= 45 BPM. AVG PSI= 4,407
	16:45 - 20:00	3.25	PERF	2	RIH WITH PLUG AND GUNS. PLUG WOULDN'T SET. POOH WITH PLUG AND GUNS. RUN BACK IN HOLE WITH NEW PLUG. PERF STG #12 WITH 8- 2' GUNS LOADED 3 SPF, 120* PHASE, 11 GRAM CHARGE. SET WEATHERFORD 3.44" CFP @ 6,700' WITH 2,200 PSI. SHOOT 48 HOLES FROM 6,225' TO 6,672'.
	20:00 - 21:00	1.00	STIM	3	FRAC STAGE #12 WITH 800 GAL. 15% HCL AT 10 BPM, 619 BBLS GEL FLUID CARRYING 43,651 LBS# 20/40 CRC SAND. AVG RT= 47.0 BPM. AVG PSI= 4,470. SWI. RDMO HES AND OWP EL.
3/6/2008	06:00 - 06:00	24.00	TRP	9	MIRU IPS CTU,
3/7/2008	06:00 - 23:59	17.98	TRP	9	MIRU IPS CTU, Load CT with 150* F water. MU Express 2 7/8" motor/jars with 3.35" 5-blade junk mill. Test stack to 8,000 psi. RIH tag 1st plug drilled for 70 min. could not get motor to stall POOH to check motor, bad bearings. Install new motor & mill RBIH. Drill out 11 plugs in 12 hours. TAG PBTB AT 15,386'. Pump final 10 BBL sweep and POOH. Flowing to sales through IPS equipment.
3/8/2008	06:00 - 06:00	24.00	PTST	2	FLOWING WELL THROUGH IPS EQUIP

**CONFIDENTIAL**

### Operations Summary Report

Well Name: WRU EIH 6DD-35-8-22  
 Location: 35- 8-S 22-E 26  
 Rig Name: ENSIGN

Spud Date: 12/2/2007  
 Rig Release: 1/26/2008  
 Rig Number: 24

Date	From - To	Hours	Code	Sub Code	Description of Operations
3/9/2008	06:00 - 06:00	24.00	PTST	2	FLOWING WELL THROUGH IPS EQUIP
3/10/2008	06:00 - 06:00	24.00	PTST	2	FLOWING WELL THROUGH IPS EQUIP
3/11/2008	06:00 - 06:00	24.00	PTST	2	FLOWING WELL THROUGH IPS EQUIP
3/12/2008	06:00 - 06:00	24.00	PTST	2	FLOWING WELL THROUGH IPS EQUIP, RDMO FBE.

**CONFIDENTIAL**

State of Utah  
Division of Oil, Gas and Mining

OPERATOR: Questar Exploration & Production Co.  
ADDRESS: 11002 East 17500 South  
Vernal, Utah 84078-8526 (435)781-4342

OPERATOR ACCT. No. N-5085

ENTITY ACTION FORM - FORM 6

Action Code	Current Entity No.	New Entity No.	API Number	Well Name	QQ	SC	TP	RG	County	Spud Date	Effective Date
A	16511	12528	43-047-38640	WRU EIH 6DD 35 8 22	SEW	35	8S	22E	Uintah	10/29/07	5/20/08

WELL 1 COMMENTS: WSTC *eff production 3/7/08*

WELL 2 COMMENTS:

WELL 3 COMMENTS:

WELL 4 COMMENTS:

WELL 5 COMMENTS:

ACTION CODES (See instructions on back of form)

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

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

(3/89)

RECEIVED  
MAY 20 2008  
DIV. OF OIL, GAS & MINING

*Robert F Caldwell*  
Signature

Office Administrator II 5/20/08  
Title Date

Phone No. (435)781-4342

**CONFIDENTIAL**

002/002

05/20/2008 TUE 15:17 FAX

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 <input type="checkbox"/> Gas <input type="checkbox"/> Well <input type="checkbox"/> Well <input checked="" type="checkbox"/> Other <input type="checkbox"/>	5. Lease Designation and Serial No. <b>UTU-01089</b>
2. Name of Operator <b>QUESTAR EXPLORATION &amp; PRODUCTION COMPANY</b>	6. If Indian, Allottee or Tribe Name <b>N/A</b>
3. Address and Telephone No. <b>11002 E. 17500 S. VERNAL, UT 84078-8526</b>	7. If Unit or CA, Agreement Designation <b>White River Unit</b>
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) <b>2551' FNL 2492' FWL, SENW, SECTION 35, T8S, R22E</b>	8. Well Name and No. <b>WRU EIH 6DD-35-8-22</b>
	9. API Well No. <b>43-047-38640</b>
	10. Field and Pool, or Exploratory Area <b>WHITE RIVER</b>
	11. County or Parish, State <b>UINTAH COUNTY, UTAH</b>

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

TYPE OF SUBMISSION	TYPE OF ACTION
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
<b>COPY SENT TO OPERATOR</b>	<input type="checkbox"/> Casing Repair
Date: <u>11/16/2008</u>	<input type="checkbox"/> Altering Casing
Initials: <u>KS</u>	<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 6DD-35-8-22. 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 of production between the Dakota and Wasatch formations. Based upon offset production logs, the proposed initial allocation is as follows: Dakota - 20%, Mancos - 50%, Mesa Verde - 20%, Wasatch - 10%.**

**After the well has produced for a period of 6 to 9 months, Questar shall prepare and submit to the BLM, for approval, a paying well determination. If the paying well determination is approved by the BLM, Questar will then submit an application for the formation (or expansion if necessary) of a single participating area covering the Mesaverde, Mancos and Dakota formations either individually or consolidated to cover all 3 formations. Production of the Wasatch zone will be allocated to the existing Wasatch formation PA.**

**A production log will be run within 30 days to determine contribution from each interval. At that time a Subsequent Report will be filed detailing the results of the production log.**

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

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

Signed: Adrian Bills Title: Associate Regulatory Affairs Analyst Date: 06/13/2008

(This space for Federal or State office use)

Approved by: OSTM Deuf Title: Pet. Eng - DOGm Date: 11/3/08

Conditions of approval, if any

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

Federal Approval of This Action Is Necessary  
**RECEIVED**  
OCT 09 2008  
**CONFIDENTIAL**

AFFIDAVIT OF NOTICE

STATE OF COLORADO )  
COUNTY OF DENVER ) ss:

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

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

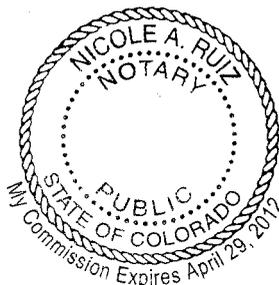
Independence Plaza  
1050 17<sup>th</sup> Street, Suite 500  
Denver, CO 80265

- 2. In my capacity as a Landman, pursuant to the provisions of Utah Administrative Rule 649-3-22, I have provided a copy of Questar Exploration and Production Company's application for completion of the WRU EIH 6DD-35-8-22 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 Exploration and Production Company's application to contiguous owners and to make this affidavit on this 17th day of September 2008.

Printed Name: Chad W. Matney

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

Notary Public





---

**Questar Exploration and Production Company**

Independence Plaza

1050 17th Street, Suite 500

Denver, CO 80285

Tel 303 672 6800 • Fax 303 294 9632

**Rocky Mountain Region**

September 17, 2008

SEE ATTACHED MAILING LIST

Dear Owner:

Attached for your information is a copy of Questar's application to the State of Utah Division of Oil, Gas and Mining for commingling of the WRU EIH 6DD-35-8-22 Well located in Uintah County, Utah.

Very truly yours,

A handwritten signature in black ink, appearing to read "Chad W. Matney", with a long horizontal flourish extending to the right.

Chad W. Matney  
Associate Landman

Enclosure

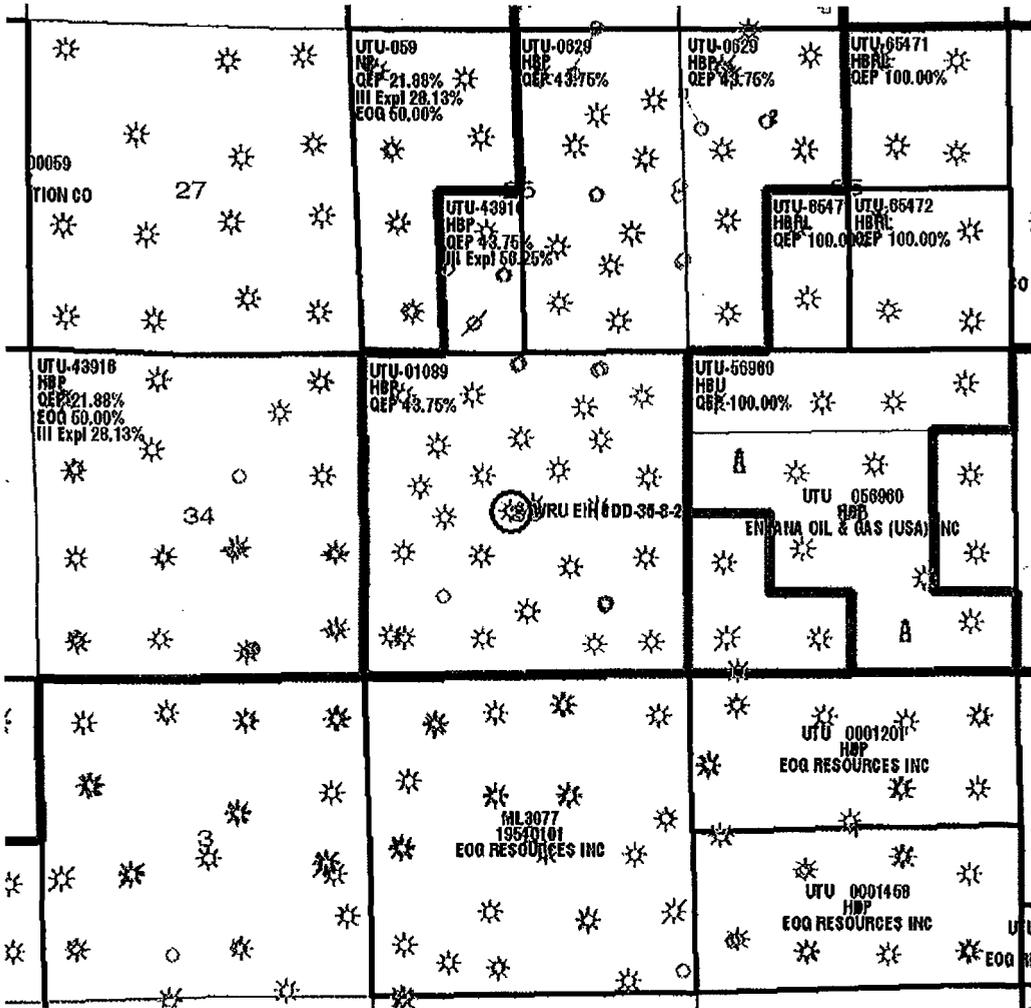
MAILING LIST  
WRU EIH 6DD-35-8-22  
NOTICE OF COMMINGLING

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

EOG Resources, Inc.  
600 17<sup>th</sup> Street – Suite 1000N  
Denver, CO 80202  
Attn: Uinta Division Land Manager

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

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



T8S-R22E

○ Commingled well

<p><b>Tw/Kmv</b>  <b>COMMINGLED PRODUCTION</b>          Uinta Basin—Uintah County, Utah</p>	
<p><b>Well: WRU EIH 6DD 35-8-22</b>  <b>Lease: UTU 01089</b></p>	
<p><b>QUESTAR</b>  <i>Exploration and          Production</i></p> <p><small>1055 17th St., # 200 Denver, CO 80202</small></p>	<p>Geologist:</p>
	<p>Landman: Chad Matney</p>
	<p>Date: July 1, 2008</p>

OPERATOR: **Questar Exploration & Production Co.**  
ADDRESS: **11002 East 17500 South**  
**Vernal, Utah 84078-8526 (435)781-4342**

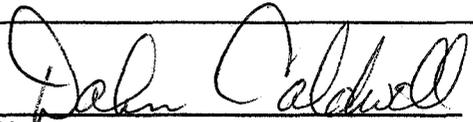
Action Code	Current Entity No.	New Entity No.	API Number	Well Name	QQ	SC	TP	RG	County	Spud Date	Effective Date
E	16511	16511	43-047-38640	WRU EIH 6DD 35 8 22	SENV	35	8S	22E	Uintah	10/29/07	3/1/09
WELL 1 COMMENTS: <b>MMFD = 16511</b> <b>WSTC = 12528 unitpa</b> — <b>4/14/09</b>											
WELL 2 COMMENTS:											
WELL 3 COMMENTS:											
WELL 4 COMMENTS:											
WELL 5 COMMENTS:											

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

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

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

(3/89)

  
Signature

Office Administrator 4/10/09  
Title Date

Phone No. (435)781-4342

RECEIVED

APR 13 2009

DIV. OF OIL, GAS & MINING

*expired 4/7/09*

**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)

RECEIVED  
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 & MINERAL