

**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		5. LEASE DESIGNATION AND SERIAL NO. UTSL-071803-A
TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME N/A
TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		7. UNIT AGREEMENT NAME WHITE RIVER UNIT
2. NAME OF OPERATOR QUESTAR EXPLORATION & PRODUCTION, CO.		8. FARM OR LEASE NAME, WELL NO. WRU EIH 6D-5-8-23
3. ADDRESS 1571 E. 1700 S. Vernal, Ut 84078		9. API NUMBER: 43-047-38994
Contact: Jan Nelson E-Mail: jan.nelson@questar.com		10. FIELD AND POOL, OR WILDCAT Undesignated
Telephone number Phone 435-781-4032 Fax 435-781-4045		11. SEC., T, R, M, OR BLK & SURVEY OR AREA SEC.5, T8S, R23E Mer SLB
4. LOCATION OF WELL (Report location clearly and in accordance with and State requirements*) At Surface 640375X 2016' FNL 2178' FWL SENW SECTION 5, T8S, R23E At proposed production zone 4445874Y 40.153394 -109.351882		12. COUNTY OR PARISH Uintah
14. DISTANCE IN MILES FROM NEAREST TOWN OR POSTOFFICE* 25 +/- SOUTH 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) 2016' +/-	16.NO.OF ACRES IN LEASE 238.19	17. NO. OF ACRES ASSIGNED TO THIS WELL 238.19
18.DISTANCE FROM PROPOSED location to nearest well, drilling, completed, applied for, on this lease, ft	19. PROPOSED DEPTH 16,400'	20. BLM/BIA Bond No. on file ESB000024
21. ELEVATIONS (Show whether DF, RT, GR, ect.) 5325.9' GR	22. DATE WORK WILL START ASAP	23. Estimated duration 90 days
24. Attachments		

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

- | | |
|--|---|
| <ul style="list-style-type: none"> 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). | <ul style="list-style-type: none"> 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  Name (printed/typed) Jan Nelson DATE 1-26-07

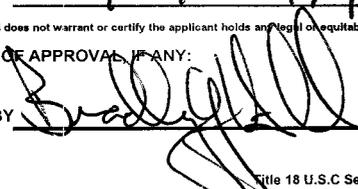
TITLE Regulatory Affairs

(This space for Federal or State office use)

PERMIT NO. 43-047-38994 APPROVAL DATE _____

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

CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY  TITLE BRADLEY G. HILL
ENVIRONMENTAL MANAGER
*See Instructions On Reverse Side

DATE 01-31-07

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
JAN 29 2007

DIV. OF OIL, GAS & MINING

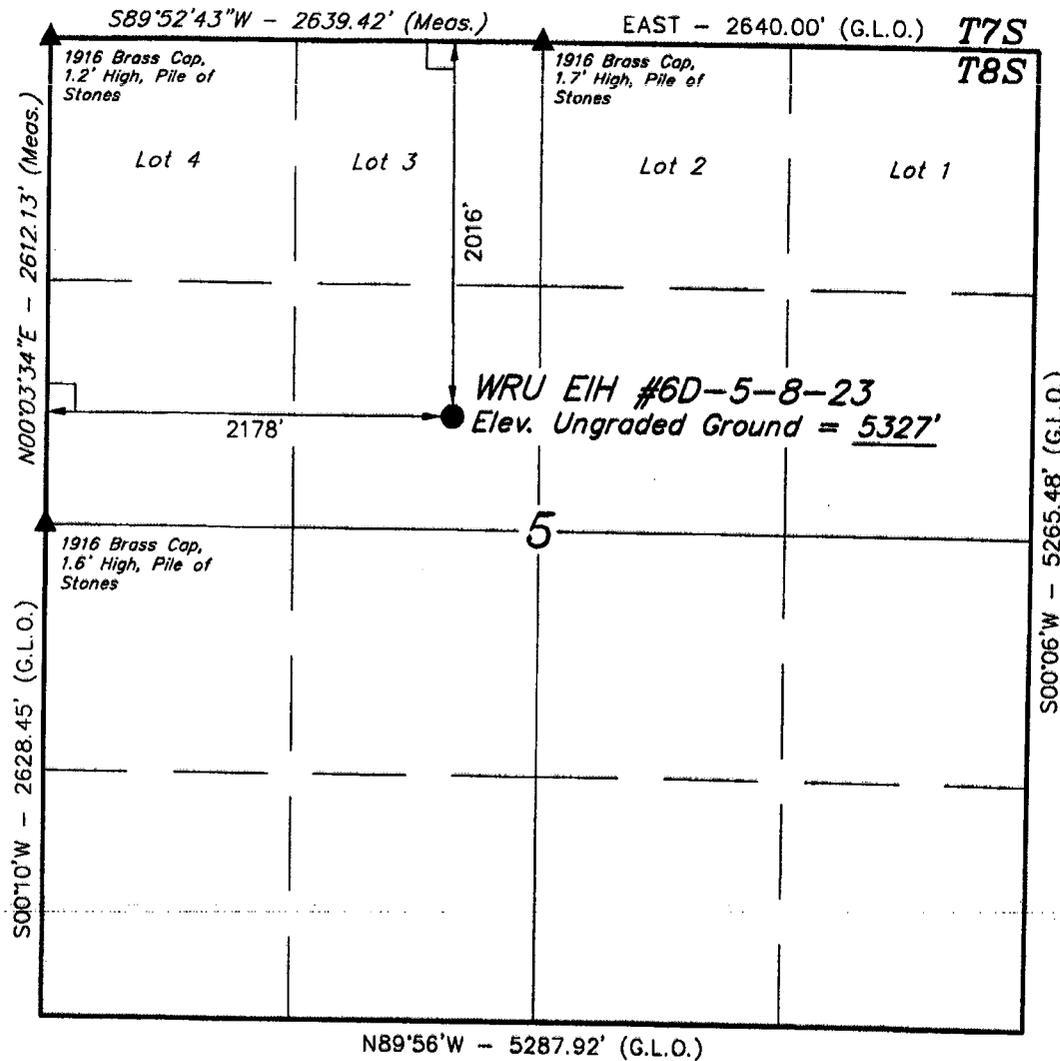
**Federal Approval of this
Action is Necessary**

CONFIDENTIAL

T8S, R23E, S.L.B.&M.

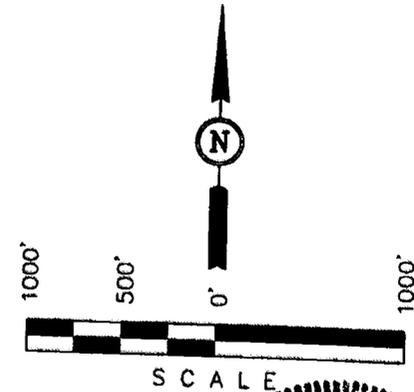
QUESTAR EXPLR. & PROD.

Well location, WRU EIH #6D-5-8-23, located as shown in the SE 1/4 NW 1/4 of Section 5, T8S, R23E, 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 SERIES (TOPOGRAPHICAL MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 4697 FEET.



CERTIFIED

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



BASIS OF BEARINGS

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

(NAD 83)
 LATITUDE = 40°09'11.80" (40.153278)
 LONGITUDE = 109°21'09.48" (109.352633)
 (NAD 27)
 LATITUDE = 40°09'11.93" (40.153314)
 LONGITUDE = 109°21'07.02" (109.351950)

LEGEND:

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

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

SCALE 1" = 1000'	DATE SURVEYED: 10-31-06	DATE DRAWN: 11-7-06
PARTY D.A. A.A. K.G.	REFERENCES G.L.O. PLAT	
WEATHER COOL	FILE QUESTAR EXPLR. & PROD.	

Additional Operator Remarks

Questar Explor. & Prod. Co. proposes to drill a well to 16,400' to test the Mancos formation. If productive, casing will be run and the well completed. If dry, the well will be plugged and abandoned as per BLM and State of Utah requirements"

See Onshore Oil & Gas Order No. 1

Please see Questar Explor. & Prod. Co. 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 Questar Explor. & Prod. Co. 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 Questar Explor. & Prod. Co. 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:

<u>Formation</u>	<u>Depth</u>
Uinta	Surface
Green River	2,740'
Wasatch	6,080'
Mesaverde	8,740'
Castlegate	10,710'
Blackhawk	11,035'
Mancos Shale	11,450'
Mancos B	11,940'
Frontier	14,715'
Dakota Silt	15,615'
Dakota	15,815'
Morrison	16,215'
TD	16,400'

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	6,080'
Gas	Mesaverde	8,740'
Gas	Blackhawk	11,035'
Gas	Mancos Shale	11,450'
Gas	Mancos B	11,940'
Gas	Dakota	15,815'

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. 13-5/8" 5000 psi double gate, 5,000 psi annular BOP (schematic included) from surface hole to 9-5/8" casing point.
- B. 11" 10,000 psi double gate, 10,000 psi single gate, 10,000 psi annular BOP (schematic included) from 9-5/8" casing point to total depth.
- 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
17-1/2"	13-3/8"	sfc	500'	54.5	K-55	STC	New
12-1/4"	9-5/8"	sfc	8800'	47	HCP-110	LTC	New
8-1/2"	7"	8500'	9000'	26	HCP-110	LTC	New
8-1/2"	7"	9000'	12,000'	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'	16,400'	15.1	Q-125	LTC	New

Casing Strengths:				Collapse	Burst	Tensile (minimum)
13-3/8"	54.5 lb.	K-55	STC	1,130 psi	2,730 psi	547,000 lb.
9-5/8"	47 lb.	HCP-110	LTC	7,100 psi	9,440 psi	1,213,000 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

DRILLING PROGRAM

5. **Auxiliary Equipment**

- A. Kelly Cock – yes
- 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

DRILLING PROGRAM

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

7. Cementing Program

20" Conductor:

Cement to surface with construction cement.

13-3/8" Surface Casing: sfc – 500' (MD)

Slurry: 0' – 500'. 610 sxs (731 cu ft) Premium cement + 0.25 lbs/sk Flocele + 2% CaCl₂
Slurry wt: 15.6 ppg, slurry yield: 1.20 ft³/sx, slurry volume: 17-1/2" hole + 100% excess.

9-5/8" Intermediate Casing: sfc – 8,800' (MD)

Lead Slurry: 0' – 8,500'. 2445 sks (640 bbls) Foamed Lead 50/50 Poz cement + 0.1 % FDP-C766-05 (Low Fluid Loss Control) + 5 #/sx Silicate Compacted + 20 % SSA-1 + 0.1 % Versaset + 1.5 % Zonesealant 2000 (Foamer) Slurry wt: 14.3 ppg, (unfoamed) Slurry yield: 1.47 ft³/sk (unfoamed), Slurry volume: 12-1/4" hole + 35 % excess.

Tail Slurry: 8,500' – 8,800'. 87 sks (23 bbls) Tail 50/50 Poz cement + 0.1 % FDP-C766-05 (Low Fluid Loss Control) + 5 #/sx Silicate Compacted + 20 % SSA-1 + 0.1 % Versaset Slurry wt: 14.3 ppg, Slurry yield: 1.47 ft³/sk, Slurry volume: 12-1/4" hole + 35% excess.

7" Intermediate Casing: 8500 - 12,000' (MD)

Foamed Lead Slurry 2: 8,500' – 12,000'. 349 sks (554 cu ft) 50/50 Poz Premium + 20% SSA-1 + 3 % silicalite compacted + 0.5% Halad 344 + 0.2% Halad 413 + 0.1% HR-12 + 0.7% Super CBL + 0.2% Suspend Slurry wt: 14.0 ppg,, Slurry yield: 1.59 ft³/sk, Slurry volume: 8-1/2" hole + 25% excess.

4-1/2" Production Casing: sfc - 16,400' (MD)

Lead/Tail Slurry: 5,500 - 16,400'. 930 sks (1385 cu ft) Premium Cement + 17.5% SSA-1, + 4% Microbond HT, + 0.2% Halad 344 + 0.5% Halad 413, + 0.3% CFR-3, + 0.9% HR-12, + 0.2% Super CBL, + 0.2% Suspend HT, 17.5% SSA-2. Slurry wt: 16.2 ppg, Slurry yield: 1.49 ft³/sk, Slurry volume: 6-1/8" hole + 35% in open hole section.

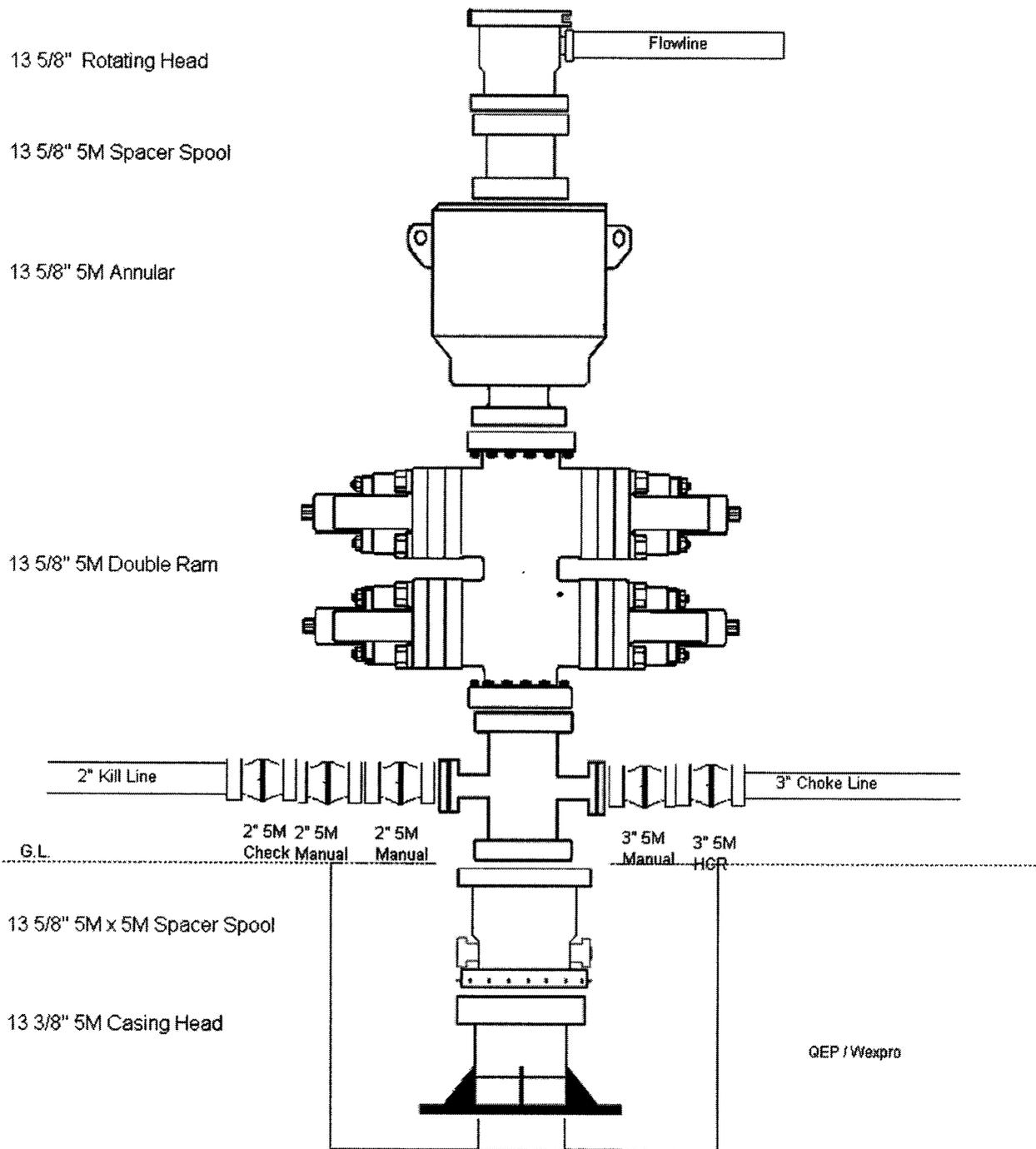
DRILLING PROGRAM

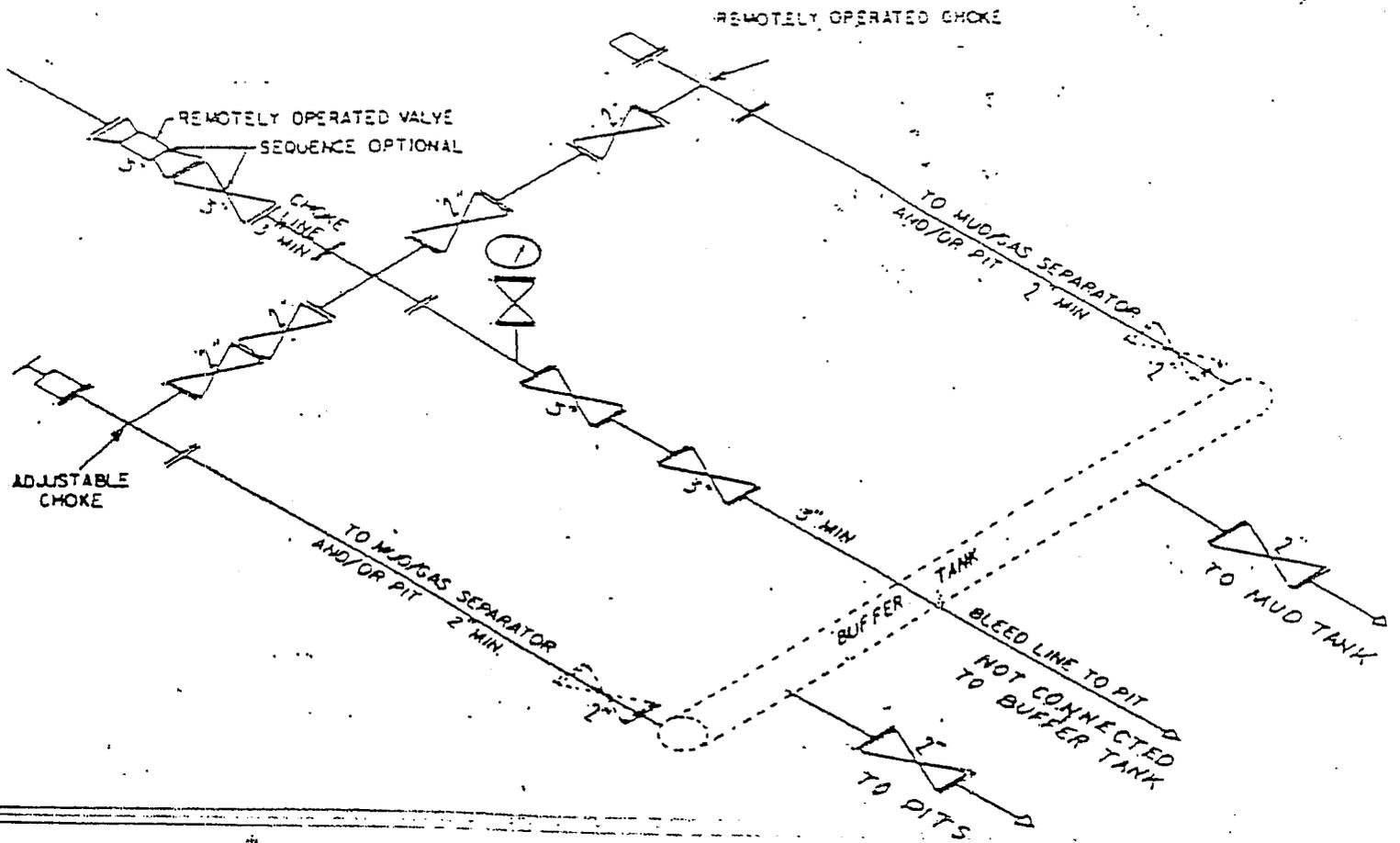
*Final cement volumes to be calculated from caliper log with an attempt to be made to circulate cement to the surface on the intermediate string and 5,000' on the production string. A bond log will be run across the zone of interest and across zones as required by the authorized officer to insure protection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

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

No abnormal temperatures or pressures are anticipated. No H₂S 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 13,000 psi. Maximum anticipated bottom hole temperature is 320° F.

DRILLING PROGRAM





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

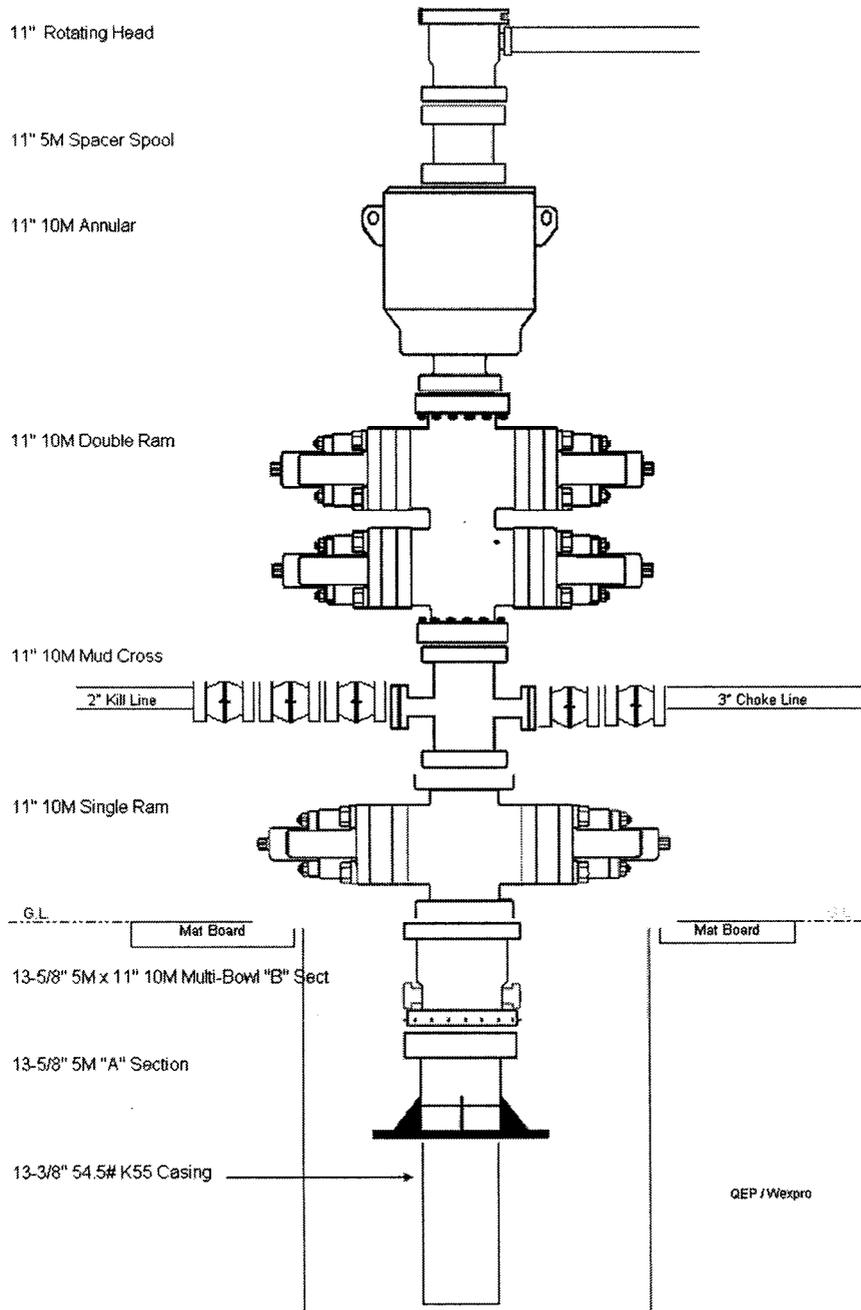
[FR Doc. 88-28738 Filed 11-17-88; 2:45 am]
BILLING CODE 4310-24-C

DRILLING PROGRAM

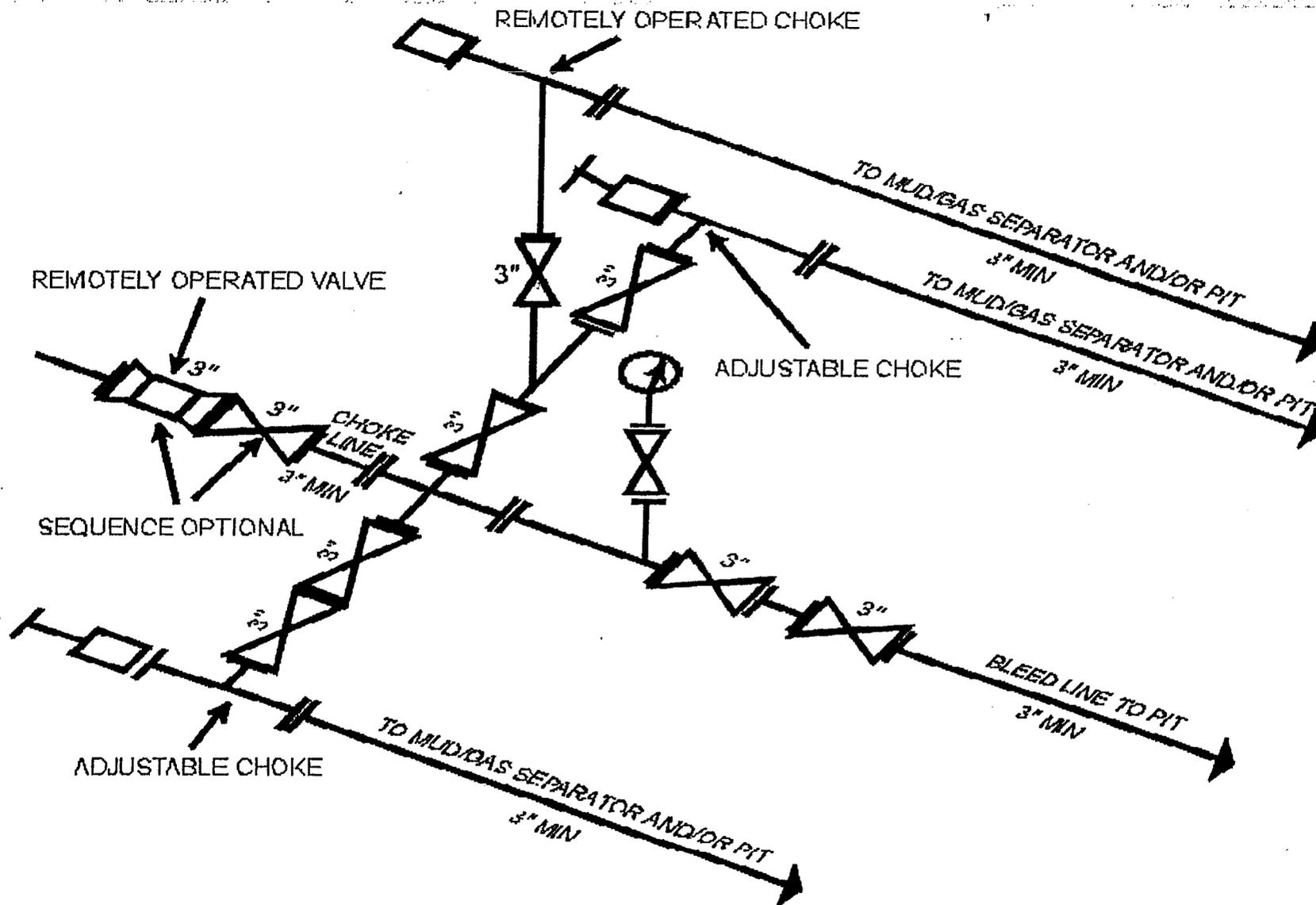
Purpose:

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:



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]

QUESTAR EXPLORATION & PRODUCTION, CO.
WRU EIH 6D-5-8-23
2016' FNL 2178' FWL
SENW, SECTION 5, T8S, R23E
UINTAH COUNTY, UTAH
LEASE # UTSL-071803-A

ONSHORE ORDER NO. 1

MULTI – POINT SURFACE USE & OPERATIONS PLAN

An onsite inspection was conducted for the WRU EIH 6D-5-8-23 on November 28, 2006. Weather conditions were cold and snow 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	Questar Exploration & Production, Co.

1. **Existing Roads:**

The proposed well site is approximately 25 miles south of Vernal, Utah.

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

There will be improvements made to existing road.

2. **Planned Access Roads:**

Please see Questar Explor. & Prod. Co. 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.

The proposed access road will require a right-of-way for the portion that travels off lease. The part of road is approximately 3168' in length 30' in width.

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

Please refer to Topo Map C.

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

Please see Questar Explor. & Prod. Co. 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.

The proposed pipeline will require a right-of-way for the portion that travels off lease and where it leaves the White River Unit. The pipeline will tie into Red Wash Unit located in the NW /4 NW /4 of Section 28, T7S, R23E. The part of pipeline is approximately 8400' in length 25' in width, 4" steel gas line. It was determined on the onsite that the pipeline will be buried along west side of the road in Section 33, T7S, R23E, and surface line to proposed well location.

5. Location and Type of Water Supply:

Please see Questar Explor. & Prod. Co. 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.

Water for drilling purposes would be obtained from Wonsits Valley Water Right # A 36125 (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.

6. Source of Construction Materials:

Please see Questar Explor. & Prod. Co. 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 Questar Explor. & Prod. Co. 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 Questar Explor. & Prod. Co. 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 Questar Explor. & Prod. Co. 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 Forage Kochia

Final Reclamation:

Seed Mix # 3 3 lbs. Shadscale, 4lbs. Hycrest Crested Wheat Grass, 3 lbs. Indian Rice Grass,
3 lbs. 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.

After reserve pit is reclaimed SE of location construct Erosion Control Structure, ditch around location, use cobble rock for spillway.

The proposed access road will require the following culverts:

1st. drainage high water crossing

2nd drainage 18" culvert

3rd drainage 24" culvert

4th drainage low water crossing

5th drainage 18" culvert

6th drainage 18' culvert

7th drainage 18" culvert

Lessee's or Operator's Representative:

Jan Nelson
Red Wash Rep.
Questar Exploration & Production, Co.
1571 East 1700 South
Vernal, Utah 84078
(435) 781-4032

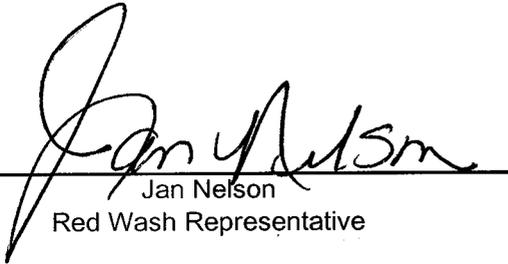
Certification:

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.

Questar Explor. & Prod. Co. 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 Questar Explor. & Prod. Co. 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

26-Jan-07

Date

QUESTAR EXPLR. & PROD.

WRU EIH #6D-5-8-23

LOCATED IN UINTAH COUNTY, UTAH

SECTION 5, T8S, R23E, S.L.B.&M.

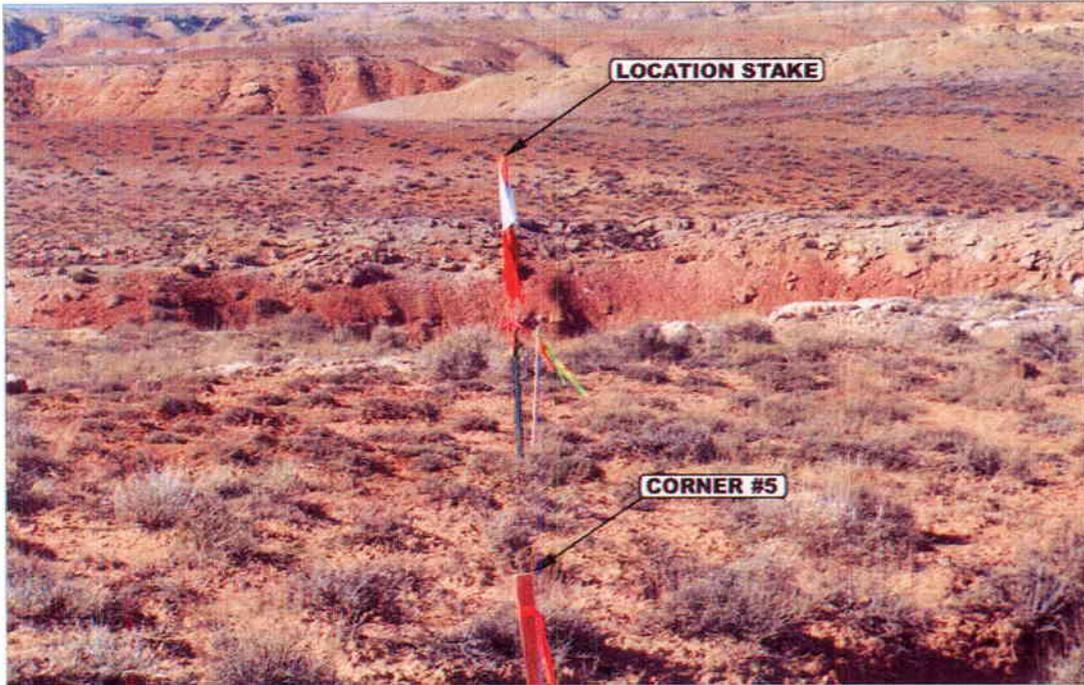


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: NORTHWESTERLY



PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: SOUTHWESTERLY



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

LOCATION PHOTOS

11 06 06
MONTH DAY YEAR

PHOTO

TAKEN BY: D.A.

DRAWN BY: L.K.

REVISED: 00-00-00

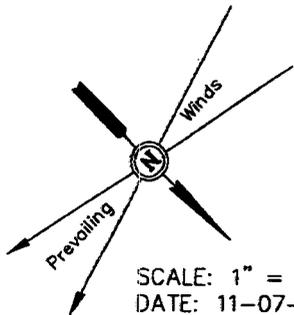
- Since 1964 -

QUESTAR EXPLR. & PROD.

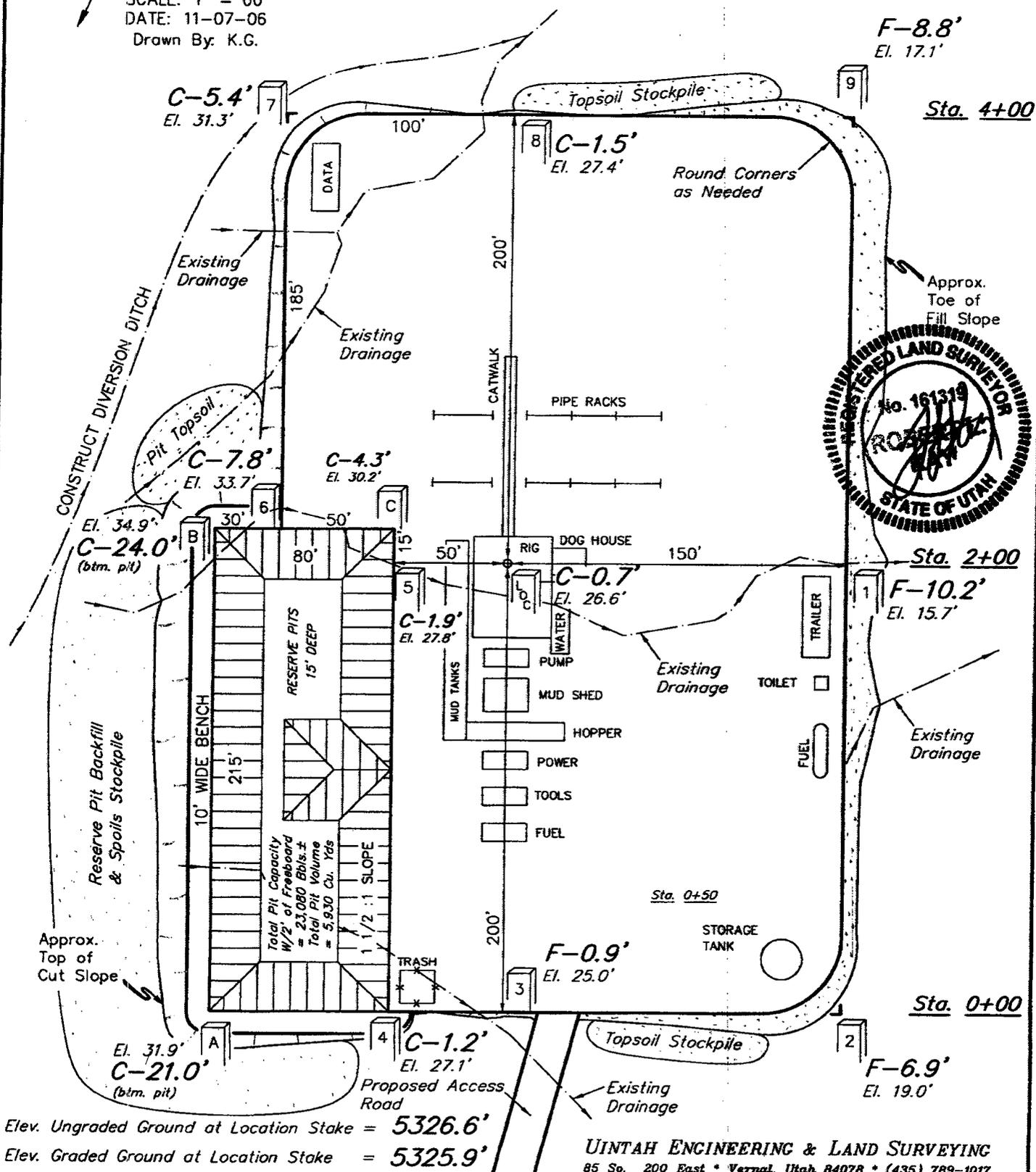
LOCATION LAYOUT FOR

WRU EIH #6D-5-8-23
SECTION 5, T8S, R23E, S.L.B.&M.
2016' FNL 2178' FWL

FIGURE #1



SCALE: 1" = 60'
DATE: 11-07-06
Drawn By: K.G.



Elev. Ungraded Ground at Location Stake = 5326.6'
Elev. Graded Ground at Location Stake = 5325.9'

UINTAH ENGINEERING & LAND SURVEYING
85 So. 200 East * Vernal, Utah 84078 * (435) 789-1077

QUESTAR EXPLR. & PROD.

TYPICAL CROSS SECTIONS FOR

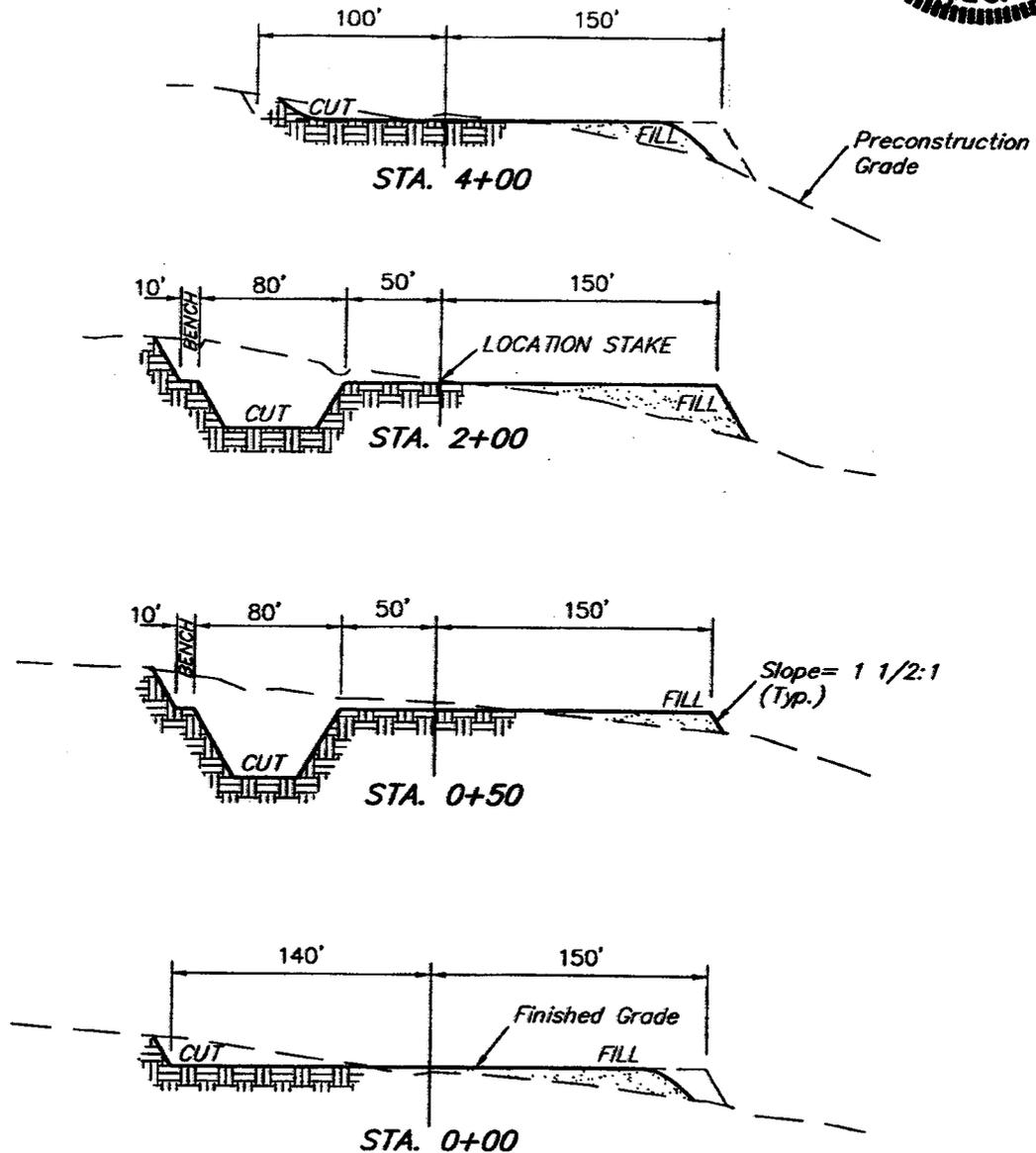
**WRU EIH #6D-5-8-23
SECTION 5, T8S, R23E, S.L.B.&M.
2016' FNL 2178' FWL**

FIGURE #2



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

DATE: 11-07-06
Drawn By: K.G.



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

*** NOTE:**
FILL QUANTITY INCLUDES 5% FOR COMPACTION

APPROXIMATE YARDAGES

CUT	
(6") Topsoil Stripping	= 2,340 Cu. Yds.
Remaining Location	= 14,290 Cu. Yds.
TOTAL CUT	= 16,630 CU.YDS.
FILL	= 8,300 CU.YDS.

EXCESS MATERIAL	= 8,330 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	= 5,310 Cu. Yds.
EXCESS UNBALANCE (After Interim Rehabilitation)	= 3,020 Cu. Yds.

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

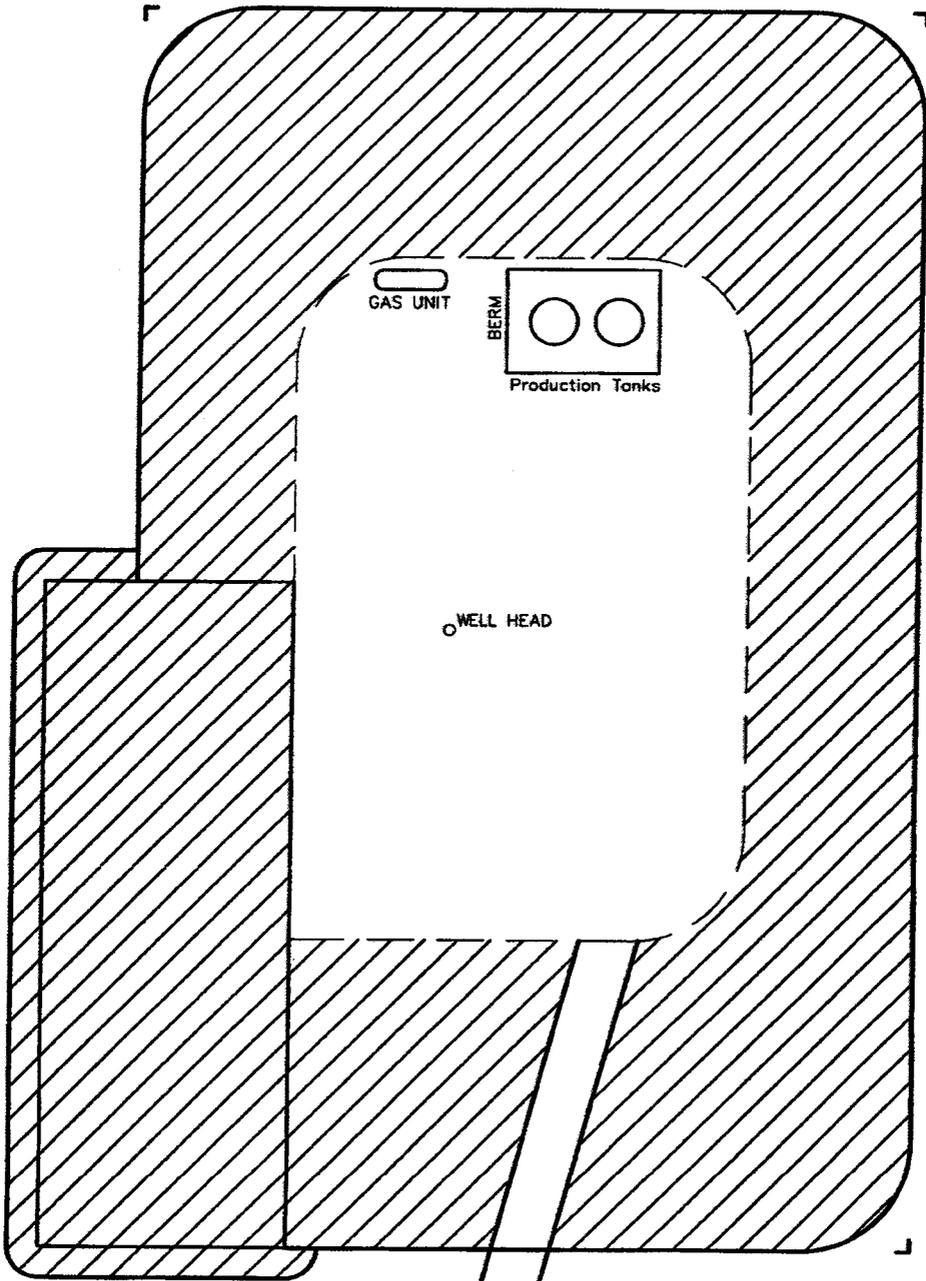
QUESTAR EXPLR. & PROD.
INTERIM RECLAMATION PLAN FOR

FIGURE #3

WRU EIH #6D-5-8-23
SECTION 5, T8S, R23E, S.L.B.&M.
2016' FNL 2178' FWL

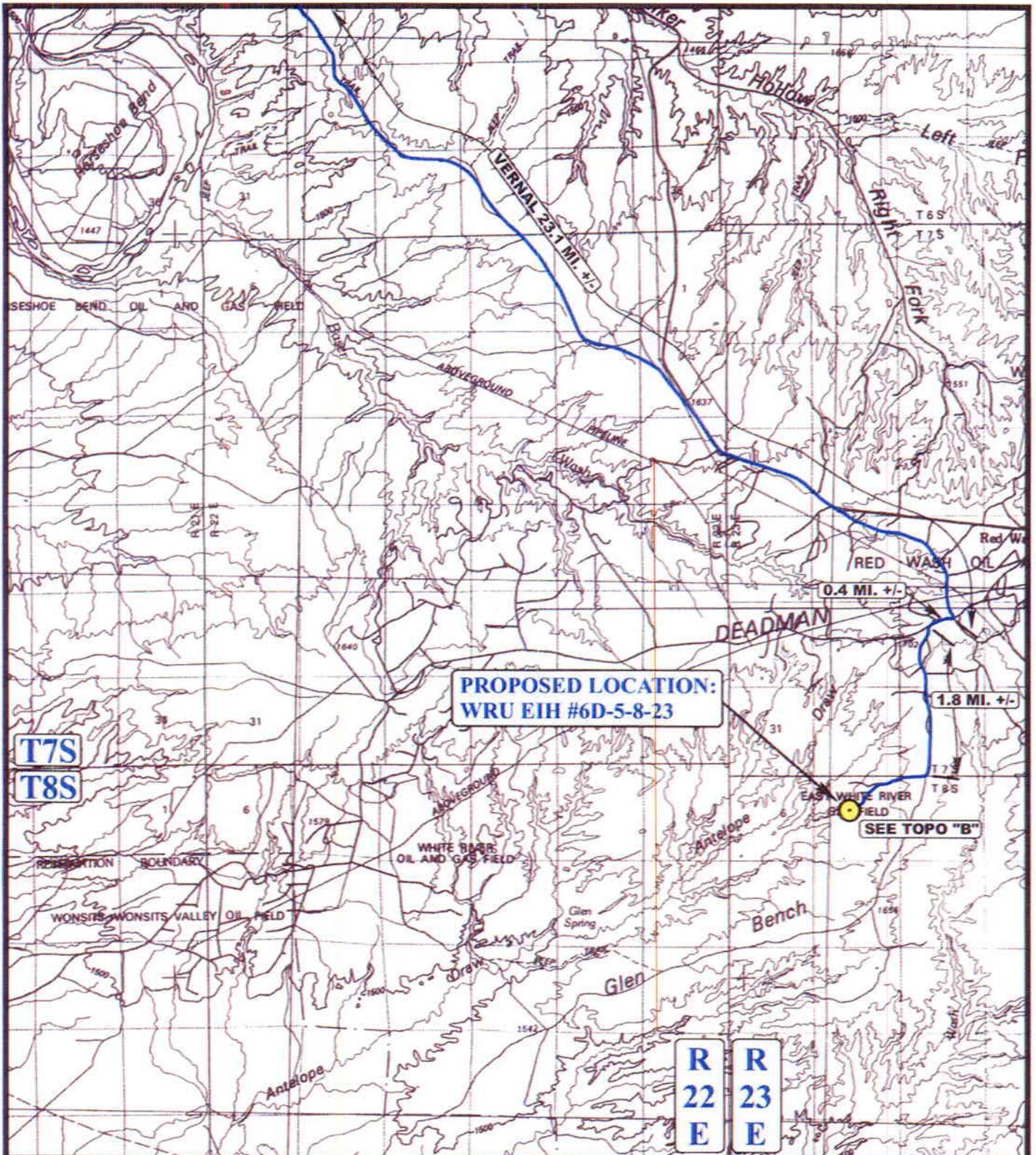


SCALE: 1" = 60'
DATE: 11-07-06
Drawn By: K.G.



 INTERIM RECLAMATION

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



**PROPOSED LOCATION:
WRU EIH #6D-5-8-23**

T7S

T8S

**R
22
E**

**R
23
E**

LEGEND:

PROPOSED LOCATION



QUESTAR EXPLR. & PROD.

**WRU EIH #6D-5-8-23
SECTION 5, T8S, R23E, S.L.B.&M.
2016' FNL 2178' FWL**



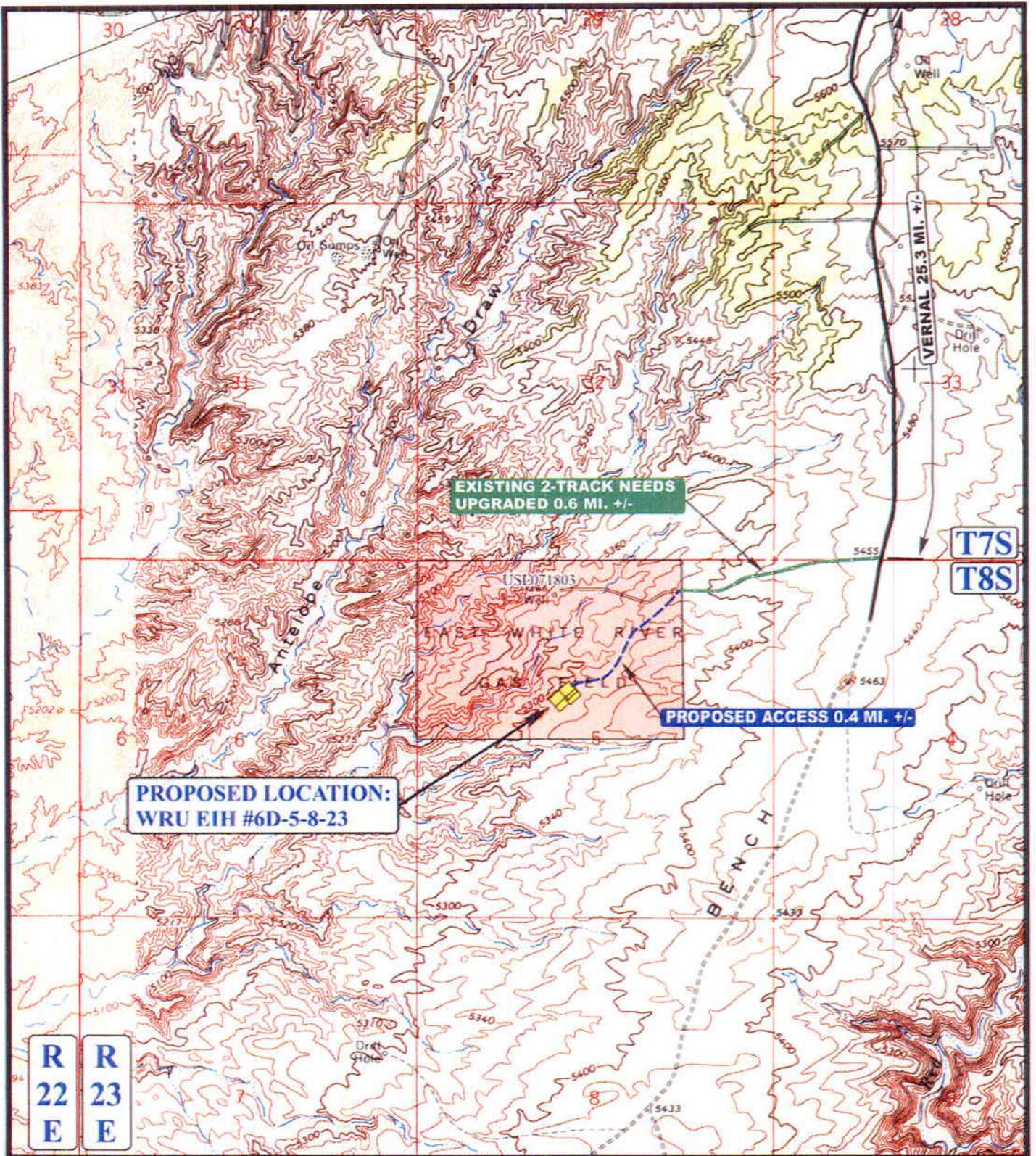
Utah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

**TOPOGRAPHIC
MAP**

11 06 06
MONTH DAY YEAR

SCALE: 1:100,000 DRAWN BY: L.K. REVISED: 00-00-00





LEGEND:

- EXISTING ROAD
- PROPOSED ACCESS ROAD



QUESTAR EXPLR. & PROD.

WRU EIH #6D-5-8-23
SECTION 5, T8S, R23E, S.L.B.&M.
2016' FNL 2178' FWL



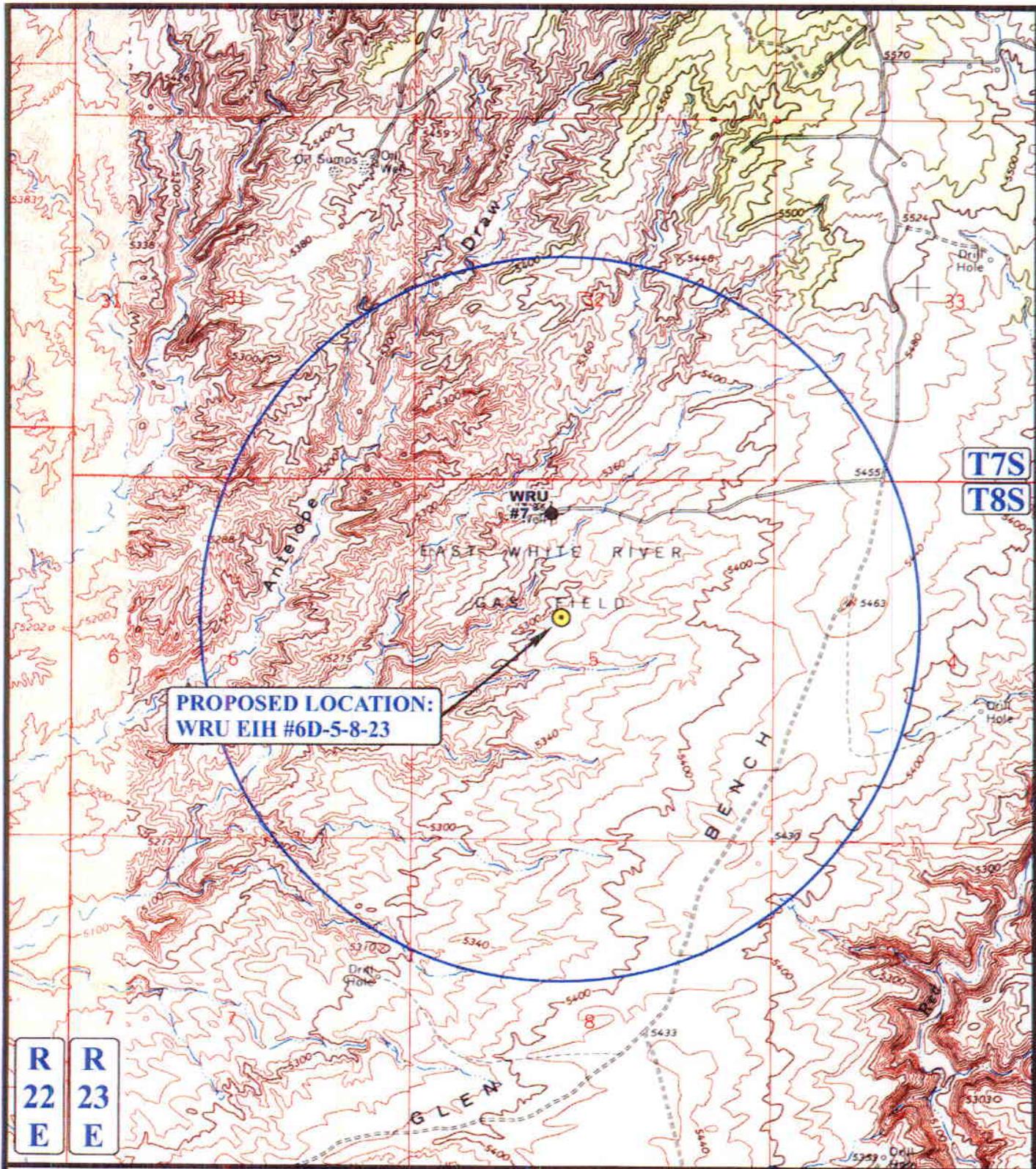
Uintah Engineering & Land Surveying
 85 South 200 East Vernal, Utah 84078
 (435) 789-1017 * FAX (435) 789-1813

TOPOGRAPHIC
MAP

11 06 06
 MONTH DAY YEAR

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





**PROPOSED LOCATION:
WRU EIH #6D-5-8-23**

R 22 E **R 23 E**

T7S
T8S

LEGEND:

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



QUESTAR EXPLR. & PROD.

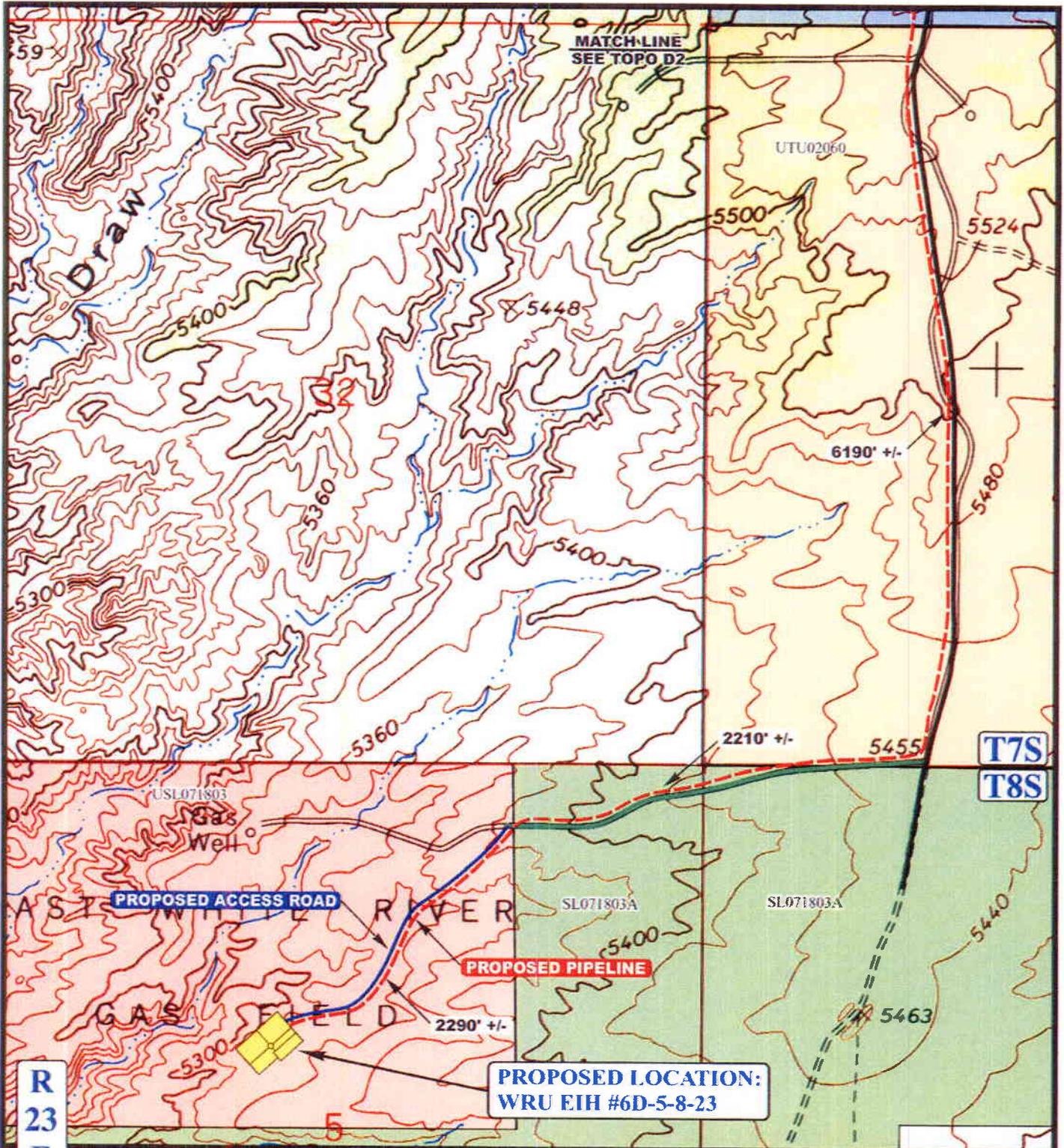
WRU EIH #6D-5-8-23
SECTION 5, T8S, R23E, S.L.B.&M.
2016' FNL 2178' FWL



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

TOPOGRAPHIC MAP **11 06 06**
MONTH DAY YEAR
SCALE: 1" = 2000' DRAWN BY: L.K. REVISED: 00-00-00





APPROXIMATE TOTAL PIPELINE DISTANCE = 17,220' +/-

LEGEND:

- PROPOSED ACCESS ROAD
- EXISTING PIPELINE
- PROPOSED PIPELINE
- PROPOSED PIPELINE (SERVICING OTHER WELLS)

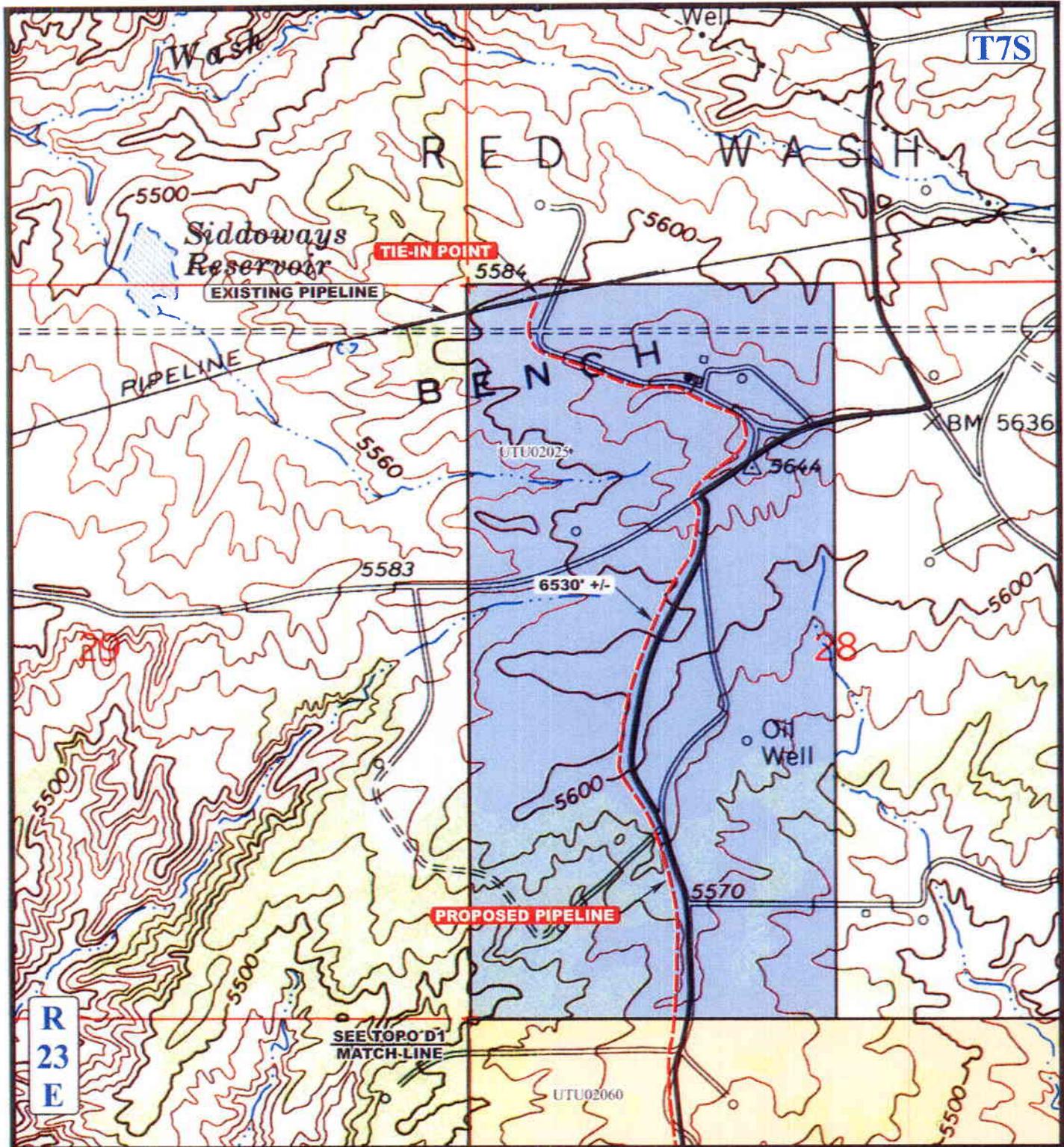


QUESTAR EXPLR. & PROD.

WRU EIH #6D-5-8-23
SECTION 5, T8S, R23E, S.L.B.&M.
2016' FNL 2178' FWL

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

TOPOGRAPHIC MAP **11 06 06**
MONTH DAY YEAR **D1**
SCALE: 1" = 1000' DRAWN BY: L.K. REVISED: 00-00-00 **TOPO**



APPROXIMATE TOTAL PIPELINE DISTANCE = 17,220' +/-

LEGEND:

-  PROPOSED ACCESS ROAD
-  EXISTING PIPELINE
-  PROPOSED PIPELINE
-  PROPOSED PIPELINE (SERVICING OTHER WELLS)

QUESTAR EXPLR. & PROD.

WRU EIH #6D-5-8-23
 SECTION 5, T8S, R23E, S.L.B.&M.
 2016' FNL 2178' FWL

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



TOPOGRAPHIC MAP **11 06 06**
 MONTH DAY YEAR **D2**
 TOPO
 SCALE: 1" = 1000' DRAWN BY: L.K. REVISED: 00-00-00

**WORKSHEET
APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 01/29/2007

API NO. ASSIGNED: 43-047-38994

WELL NAME: WRU EIH 6D-5-8-23
 OPERATOR: QUESTAR EXPLORATION & (N5085)
 CONTACT: JAN NELSON

PHONE NUMBER: 435-781-4032

PROPOSED LOCATION:

SENW 05 080S 230E
 SURFACE: 2016 FNL 2178 FWL
 BOTTOM: 2016 FNL 2178 FWL
 COUNTY: UINTAH
 LATITUDE: 40.15339 LONGITUDE: -109.3519
 UTM SURF EASTINGS: 640375 NORTHINGS: 4445874
 FIELD NAME: UNDESIGNATED (2)

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

LEASE TYPE: 1 - Federal
 LEASE NUMBER: UTSL-071803-A
 SURFACE OWNER: 1 - Federal

PROPOSED FORMATION: MRSN
 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. 49-2153)
- 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: _____
Eff Date: _____
Siting: _____
- ___ R649-3-11. Directional Drill

COMMENTS:

See Separate file

STIPULATIONS:

*1- EAH Approval
2- Spalling Stop*

CAUSE: 187-7

T7S R23E

T8S R23E

WRU 7

WHITE RIVER UNIT

WRU EH
6D-5-8-23

EAST WHITE RIVER FIELD ABANDONED

KENNEDY WASH FED 6-1

KENNEDY WASH FIELD

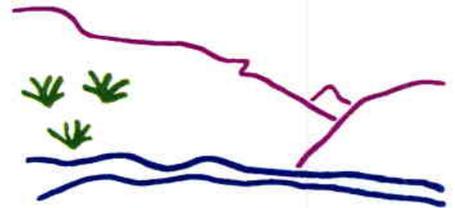
OPERATOR: QUESTAR EXPL & PROD (N5085)

SEC: 5 T.8S R. 23E

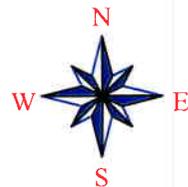
FIELD: UNDESIGNATED (002)

COUNTY: UINTAH

SPACING: R649-3-2 / GENERAL SITING



Utah Oil Gas and Mining



PREPARED BY: DIANA MASON
DATE: 30-JANUARY-2007

- 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

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)

January 30, 2007

Memorandum

To: Assistant District Manager Minerals, Vernal District
From: Michael Coulthard, Petroleum Engineer
Subject: 2007 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 well is planned for calendar year 2007 within the White River Unit, Uintah County, Utah.

API #	WELL NAME	LOCATION
	(Proposed PZ Morrison)	
43-047-38994	WRU EIH 6D-5-8-23 Sec 5	T08S R23E 2016 FNL 2178 FWL

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

/s/ Michael L. Coulthard

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

MCoulthard:mc:1-30-07



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

January 31, 2007

Questar Exploration & Production, Co.
1571 E 1700 S
Vernal, UT 84078

Re: WRU EIH 6D-5-8-23 Well, 2016' FNL, 2178' FWL, SE NW, Sec. 5,
T. 8 South, R. 23 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 43-047-38994.

Sincerely,

Gil Hunt
Associate Director

pab
Enclosures

cc: Uintah County Assessor (via e-mail)
Bureau of Land Management, Vernal District Office

Operator: Questar Exploration & Production, Co.
Well Name & Number WRU EIH 6D-5-8-23
API Number: 43-047-38994
Lease: UTSL-071803-A

Location: SE NW **Sec.** 5 **T.** 8 South **R.** 23 East

Conditions of Approval

1. General

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

2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

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

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

- Contact Dan Jarvis at (801) 538-5338

3. Reporting Requirements

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

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

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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.
UTSL-071803-A

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 6D-5-8-23

9. API Well No.
43-047-38994

10. Field and Pool, or Exploratory Area
UNDESIGNATED

11. County or Parish, State
UINTAH

SUBMIT IN TRIPLICATE - Other Instructions on reverse side

1. Type of Well

Oil Well Gas Well Other

2. Name of Operator

QUESTAR EXPLORATION & PRODUCTION CO

3a. Address

11002 E 17500 S VERNAL, UT 84078

3b. Phone No. (include area code)

435-781-4331

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

2016' FNL 2178' FWL SENW SECTION 5, T8S, R23E

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 type="checkbox"/> Other _____
	<input checked="" type="checkbox"/> Change Plans <input type="checkbox"/> Plug and Abandon <input type="checkbox"/> Temporarily Abandon
	<input type="checkbox"/> Convert to Injection <input type="checkbox"/> Plug Back <input type="checkbox"/> Water Disposal

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

QUESTAR EXPLORATION AND PRODUCTION COMPANY (QEP) HAS NEED TO REVISE CASING PROGRAM AND CEMENT PROGRAM IN ORDER TO ENHANCE DRILLING EFFICIENCY AND CAPTURE COST SAVINGS.

PLEASE REFER TO REVISED DRILLING PLAN.

If additional technical information is needed, please contact Jim Davidson (303) 308-3090.

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

**RECEIVED
SEP 04 2007**

DIV. OF OIL, GAS & MINING

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

Name (Printed/Typed)

Jan Nelson

Title

Regulatory Affairs

Signature

Date

August 30, 2007

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)

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	2,740'
Wasatch	6,080'
Mesaverde	8,740'
Castlegate	10,710'
Blackhawk	11,035'
Mancos Shale	11,450'
Mancos B	11,940'
Frontier	14,715'
Dakota Silt	15,615'
Dakota	15,815'
Morrison	16,215'
TD	16,400'

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	6,080'
Gas	Mesaverde	8,740'
Gas	Blackhawk	11,035'
Gas	Mancos Shale	11,450'
Gas	Mancos B	11,940'
Gas	Dakota	15,815'

DRILLING PROGRAM

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.

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.
- 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.
- 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'	11,500'	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'	16,400'	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

DRILLING PROGRAM

5. **Auxiliary Equipment**

- A. Kelly Cock – yes
- 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

DRILLING PROGRAM

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

7. **Cementing Program**

20" Conductor:

Cement to surface with construction cement.

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

Slurry: 0' – 1100'. 1020 sxs (1224 cu ft) Premium cement + 0.25 lbs/sk Flocele + 2% CaCl₂ Slurry wt: 15.6 ppg, slurry yield: 1.20 ft³/sx, slurry volume: 12/1/4" hole + 100% excess.

7" Intermediate Casing: sfc - 11,500' (MD)

Foamed Lead Slurry 2: 5,000' – 10,900'. 899 sks (1331 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 ft³/sk, Slurry yield foamed: 1.96 ft³/sk, Slurry volume: 8-1/2" hole + 50% excess.

Tail Slurry: 10,900' – 11,500'. 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 ft³/sk, Slurry volume: 8-1/2" hole + 50% excess.

4-1/2" Production Casing: sfc - 16,400' (MD)

Lead/Tail Slurry: 6,000 - 16,400'. 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 ft³/sk, Slurry volume: 6-1/8" hole + 25% in open hole section.

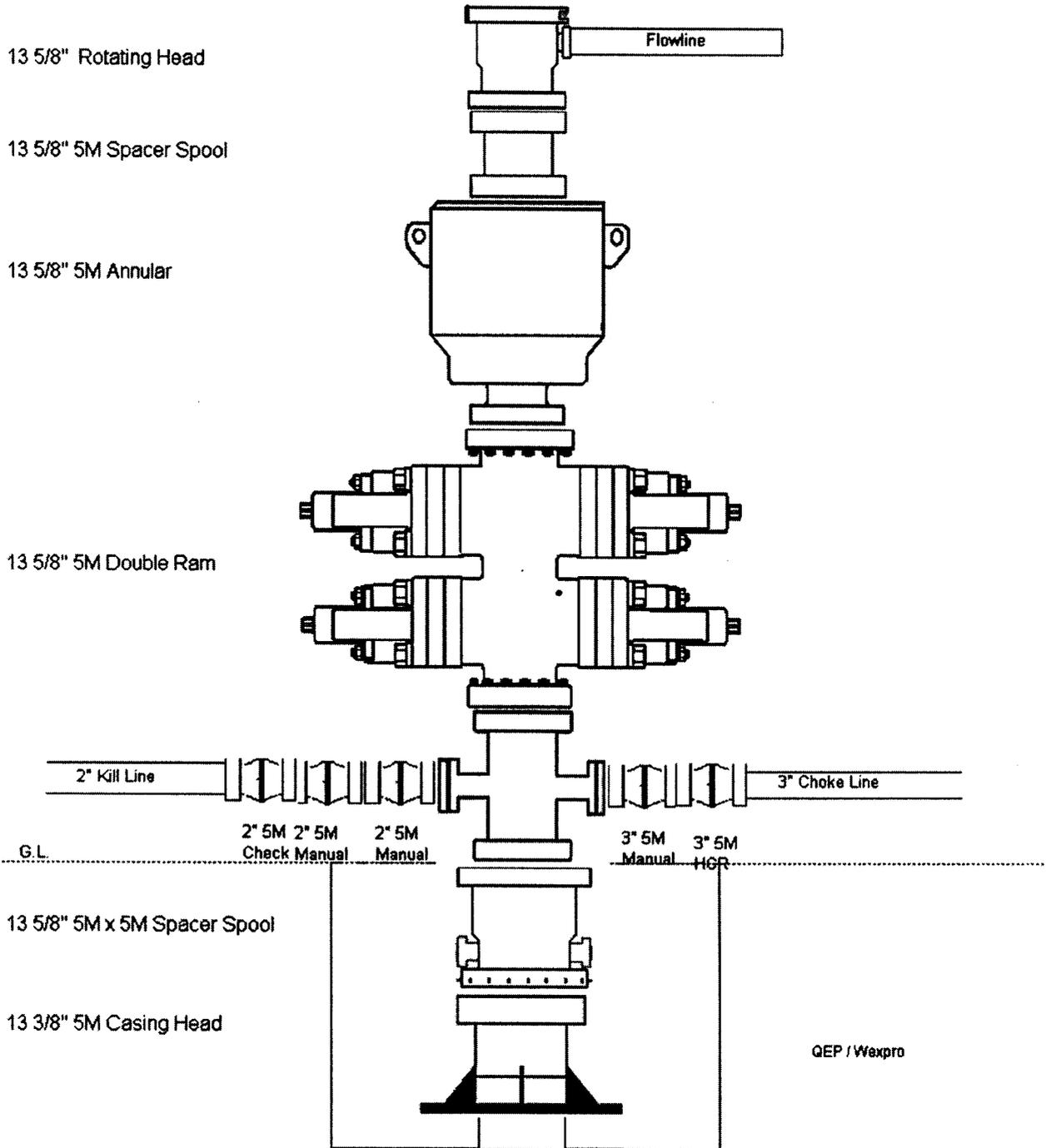
*Final cement volumes to be calculated from caliper log with an attempt to be made to circulate cement to the surface on the intermediate string and 5,000' on the production string. A bond log will be run across the zone of interest and across zones as required by the authorized officer to insure protection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

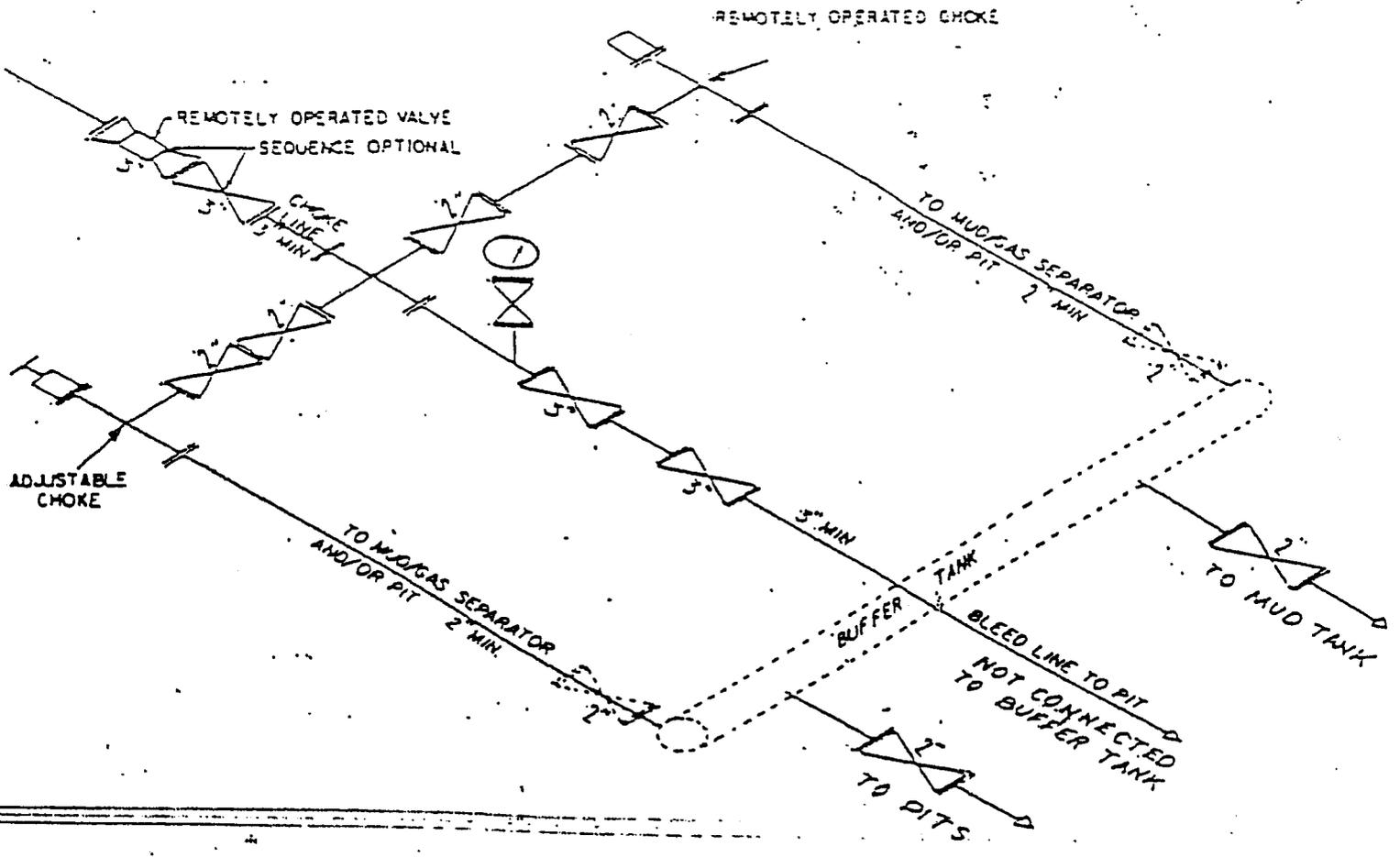
DRILLING PROGRAM

8. Anticipated Abnormal Pressures and Temperatures, Other Potential Hazards

No abnormal temperatures or pressures are anticipated. No H₂S 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 13,000 psi. Maximum anticipated bottom hole temperature is 300° F.

DRILLING PROGRAM





② SM CHOKE MANIFOLD EQUIPMENT — CONFIGURATION OF CHOKES MAY VARY

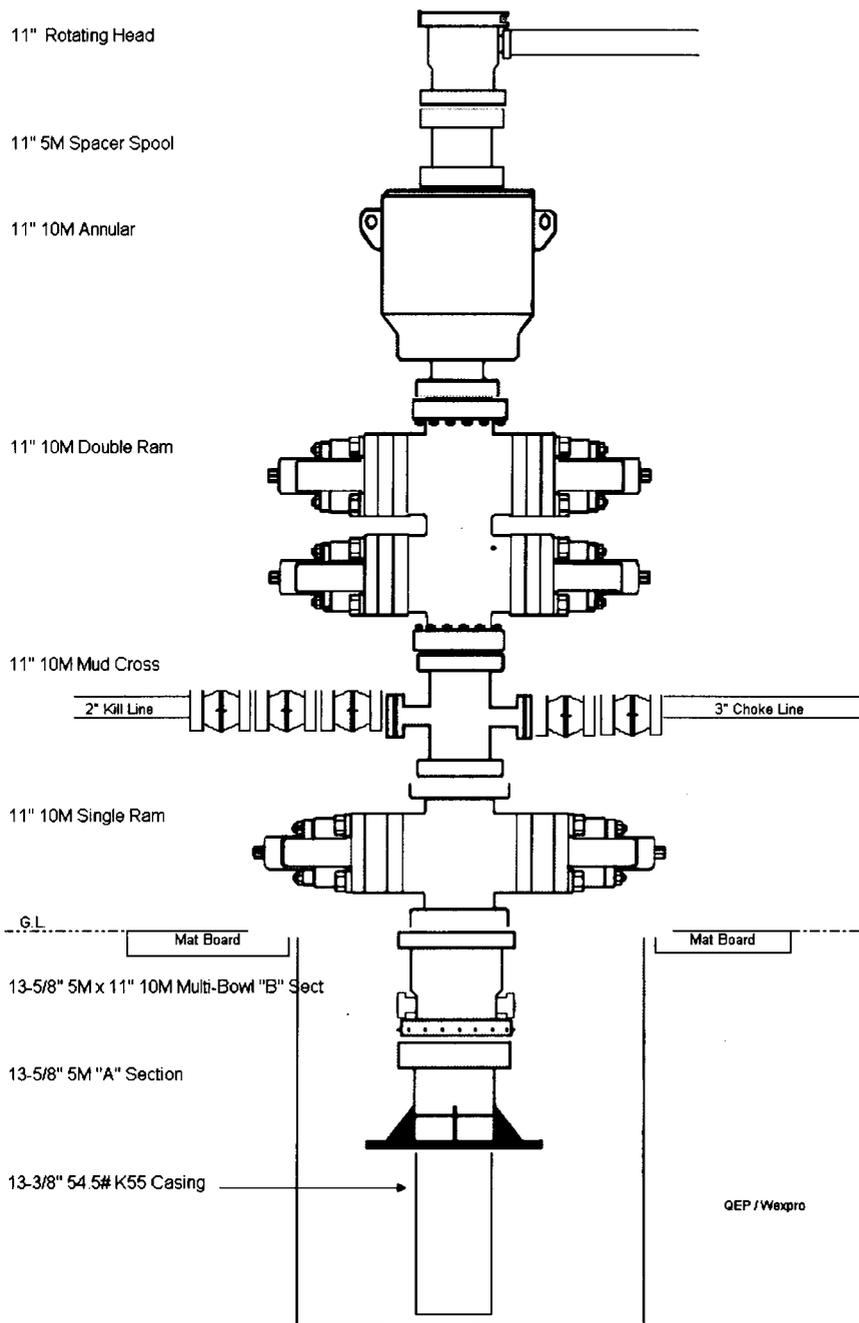
[FR Doc. 88-25738 Filed 11-17-88; 2:45 am]
BILLING CODE 4310-34-C

DRILLING PROGRAM

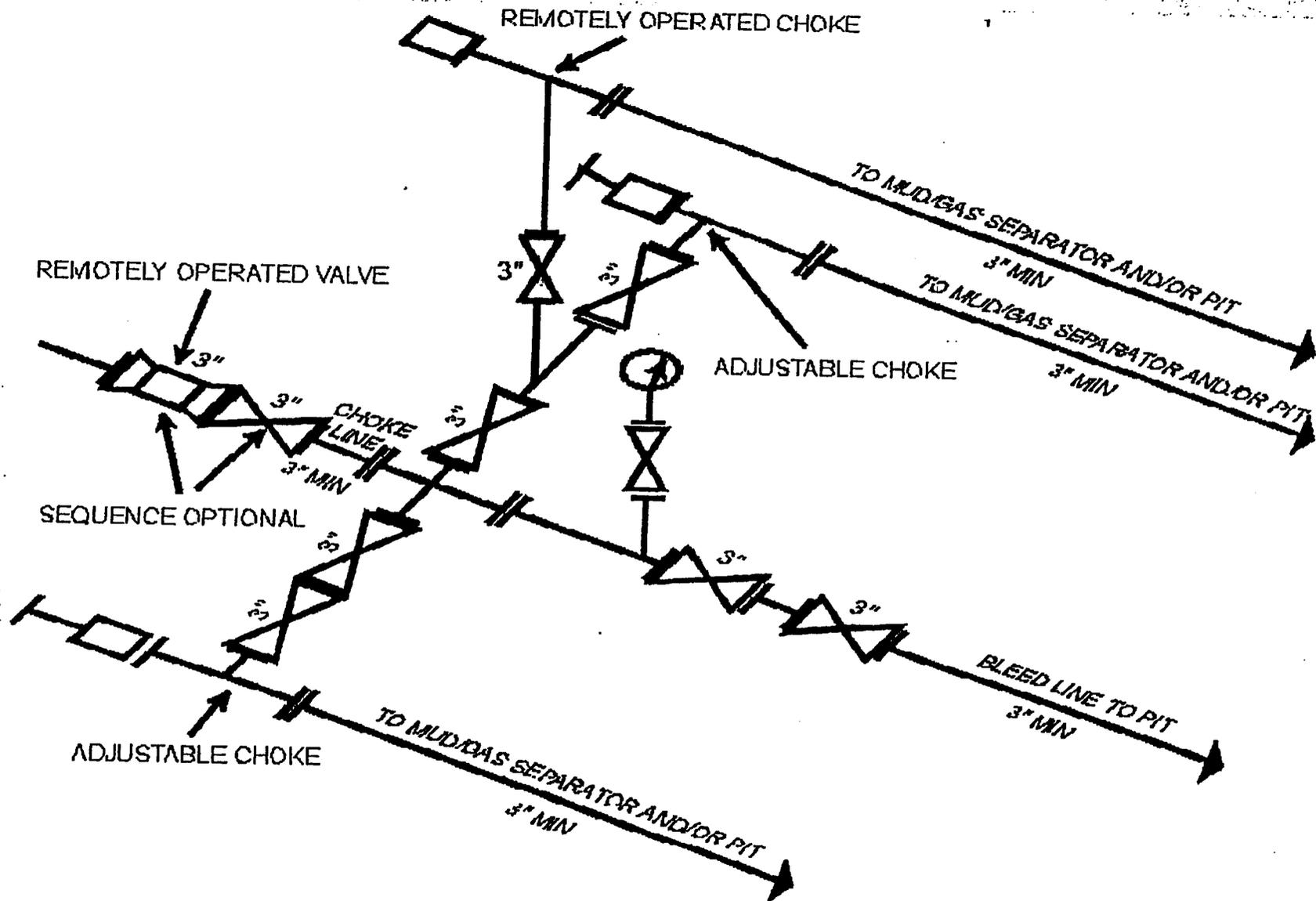
Purpose:

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:



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

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: QUESTAR EXPL & PROD COMPANY

Well Name: WRU EIH 6D-5-8-23

Api No: 43-047-38994 Lease Type: FEDERAL

Section 05 Township 08S Range 23E County UINTAH

Drilling Contractor PETE MARTIN DRLG RIG # RATHOLE

SPUDDED:

Date 09/04/07

Time 11:00 PM

How DRY

Drilling will Commence: _____

Reported by RAY PAULLISEN

Telephone # (435) 880-7967

Date 09/05/07 Signed CHD

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED
VERNAL FIELD OFFICE
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2007 JAN 27 PM 4:06

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

APPLICATION FOR PERMIT TO DRILL OR DEEPEN		5. LEASE DESIGNATION AND SERIAL NO. UTSL-071803-A
TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME N/A
TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		7. UNIT AGREEMENT NAME WHITE RIVER UNIT
2. NAME OF OPERATOR QUESTAR EXPLORATION & PRODUCTION, CO.		8. FARM OR LEASE NAME, WELL NO. WRU EIH 6D-5-8-23
3. ADDRESS 1571 E. 1700 S. Vernal, Ut 84078		9. API NUMBER: 43004738994
Contact: Jan Nelson E-Mail: jan.nelson@questar.com		10. FIELD AND POOL, OR WILDCAT
Telephone number Phone 435-781-4032 Fax 435-781-4045		11. SEC., T, R, M, OR BLK & SURVEY OR AREA SEC.5, T8S, R23E Mer SLB
4. LOCATION OF WELL (Report location clearly and in accordance with and State requirements*) At Surface 2016' FNL 2178' FWL SENW SECTION 5, T8S, R23E At proposed production zone		12. COUNTY OR PARISH Uintah
14. DISTANCE IN MILES FROM NEAREST TOWN OR POSTOFFICE* 25 +/- SOUTH 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) 2016' +/-	16. NO. OF ACRES IN LEASE 238.19	17. NO. OF ACRES ASSIGNED TO THIS WELL 238.19
18. DISTANCE FROM PROPOSED location to nearest well, drilling, completed, applied for, on this lease, ft	19. PROPOSED DEPTH 16,400'	20. BLM/BIA Bond No. on file ESB000024
21. ELEVATIONS (Show whether DF, RT, GR, ect.) 5325.9' GR	22. DATE WORK WILL START ASAP	23. Estimated duration 90 days
24. Attachments		

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

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

SIGNED Jan Nelson Name (printed/typed) Jan Nelson DATE 1-26-07
 TITLE Regulatory Affairs

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

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

CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY [Signature] TITLE Assistant Field Manager Lands & Mineral Resources DATE 7-27-2007
 *See Instructions On Reverse Side

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

VERNAL FIELD OFFICE

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DIV. OF OIL, GAS & MINING

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4006M
NOTICE OF APPROVAL
07PPD939A

CONDITIONS OF APPROVAL ATTACHED
NDS 11/13/06

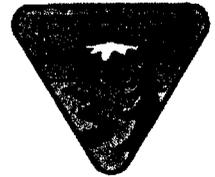


**UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
VERNAL FIELD OFFICE**

170 South 500 East

VERNAL, UT 84078

(435) 781-4400



CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company: Questar Exploration & Production
Well No: WRU EIH 6D-5-8-23
API No: 43-047-38994

Location: SENW, Sec. 5, T8S, R23E
Lease No: UTSL-071803-A
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	(435) 828-7368
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	(435) 828-7481
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	

Fax: (435) 781-4410

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

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. **This permit is approved for a two (2) year period, or until lease expiration, whichever occurs first. An additional extension, up to two (2) years, may be applied for by sundry notice prior to expiration.**

NOTIFICATION REQUIREMENTS

Location Construction (Notify Environmental Scientist)	- Forty-Eight (48) hours prior to construction of location and access roads.
Location Completion (Notify Environmental 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 Supv. Petroleum Tech.)	- Twenty-Four (24) hours prior to running casing and cementing all casing strings.
BOP & Related Equipment Tests (Notify Supv. Petroleum Tech.)	- Twenty-Four (24) hours prior to initiating pressure tests.
First Production Notice (Notify Petroleum Engineer)	- Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days.

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

Site Specific Conditions of Approval

None

General Surface COA

- If there is an active Gilsonite mining operation within 2 miles of the well location, operator shall notify the Gilsonite operator at least 48 hours prior to any blasting during construction.
- If paleontological materials are uncovered during construction, the operator is to immediately stop work and contact the Authorized Officer (AO). A report will be prepared by a BLM permitted paleontologist and submitted to the AO at the completion of surface disturbing activities.

DOWNHOLE CONDITIONS OF APPROVAL

SITE SPECIFIC DOWNHOLE CONDITIONS OF APPROVAL

- An approved Sundry Notice is required before adding any oil to the drilling mud.
- A formation integrity test shall be performed at the intermediate casing shoe after drilling 20 feet or less.
- The intermediate casing shall be cemented to surface.

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

DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

- 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 operator must report all shows of water or water-bearing sands to the BLM. If flowing water is encountered it must be sampled, analyzed, and a copy of the analyses submitted to the BLM Vernal Field Office.
- The operator must report encounters of all non oil & gas mineral resources (such as Gilsonite, tar sands, oil shale, trona, etc.) to 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.

- A complete set of angular deviation and directional surveys of a directional well will be submitted to the Vernal BLM office engineer within 30 days of the completion of the well.
- 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.
- A cement bond log (CBL) will be run from the production casing shoe to the top of cement 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.**
- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. Any changes in operation must have prior approval from the BLM Vernal Field Office.

OPERATING REQUIREMENT REMINDERS:

- 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.
- 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.
- Should the well be successfully completed for production, the BLM Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
 - Operator name, address, and telephone number.
 - Well name and number.
 - Well location (¼¼, Sec., Twn, Rng, and P.M.).
 - Date well was placed in a producing status (date of first production for which royalty will be paid).
 - The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
 - The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
 - Unit agreement and/or participating area name and number, if applicable.
 - Communitization agreement number, if applicable.
- Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from the BLM Vernal Field Office.
- 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.
- 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.

- 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.
- Oil and gas meters shall be calibrated in place prior to any deliveries. The BLM Vernal 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. All measurement points shall be identified as the point of sale or allocation for royalty purposes.
- 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.
- 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 and need prior approval of the BLM Vernal Field Office. Emergency approval may be obtained orally, but such approval does not waive the written report requirement.
- 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.
- 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.

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

ENTITY ACTION FORM - FORM 6

Action Code	Current Entity No.	New Entity No.	API Number	Well Name	QQ	SC	TP	RG	County	Spud Date	Effective Date
A	99999	16415	43-047-38994	WRU EIH 6D 5 8 23	SEW	5	8S	23E	Uintah	9/4/07	10/17/07

WELL 1 COMMENTS:

MRSN

CONFIDENTIAL

WELL 2 COMMENTS:

WELL 3 COMMENTS:

WELL 4 COMMENTS:

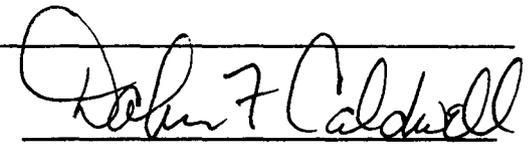
WELL 5 COMMENTS:

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

Title

9/24/07

Date

Phone No. (435)781-4342

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DIV. OF OIL, GAS & MINING

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UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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.
UTSL-071803-A

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 6D 5 8 23

9. API Well No.
43-047-38994

10. Field and Pool, or Exploratory Area
UNDESIGNATED

11. County or Parish, State
UINTAH

SUBMIT IN TRIPLICATE

1. Type of Well
Oil Gas
 Well Well Other

2. Name of Operator
QUESTAR EXPLORATION & PRODUCTION CO.

3. Address and Telephone No. 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)
2016' FNL, 2178' FWL, SENW, SEC 5-T8S-R23E

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 SPUD
	<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 9/4/07/07 – Drilled 40’ of 24” conductor hole. Set 40’ of 20” conductor pipe. Cmtd w/ Ready Mix.

On 9/5/07, Drilled 1150’ of 15” hole. Ran 27 jts of 40#, 10-3/4”, J-55 csg & set @ 1122’. Cemented w/ 900 sxs Class ‘G’ cement.

RECEIVED
OCT 01 2007

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

DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct.
Signed **Dahn F. Caldwell** *Dahn F. Caldwell* **Office Administrator II** Date **9/24/07**

(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 representations as to any matter within its jurisdiction.

CONFIDENTIAL

CONFIDENTIAL

43-047-38994

5 8 s 23 e

Questar E & P					Page 1 of 5
Operations Summary Report					
Well Name: WRU EIH 6D-5-8-23			Spud Date: 9/5/2007		
Location: 5- 8-S 23-E 26			Rig Release:		
Rig Name: ENSIGN			Rig Number: 24		
Date	From - To	Hours	Code	Sub Code	Description of Operations
9/6/2007	19:30 - 18:30	23.00	DRL	1	DRILL FROM 40'-1150
	18:30 - 22:30	4.00	CSG	2	RUN 10 3/4 CASING
9/14/2007	06:00 - 13:30	7.50	OTH		SNUB OUT DOUBLE GATE & SINGLE GATE TO CASPER FOR REPAIRS & INSTALL NIGHT CAP, RIG DOWN CHOKE HOUSE LINES AND BAR HOPPER LINES
	13:30 - 18:00	4.50	LOC	4	RIG DOWN ROTARY TOOLS & BRIDLE UP TO LAY OVER DERRICK
	18:00 - 06:00	12.00			RIG DOWN MUD TANKS, PULL CORDS ON EQUIPMENT, FUEL LINES, FLARE LINES, (READY DERRICK TO LAY OVER)
9/15/2007	06:00 - 19:00	13.00	LOC	4	RECEIVED TRUCKS @ 8:00 AM AND MOVED OUT BACK YARD, LAY DERRICK OVER 9:00 AM, (LOAD OUT BACK YARD, MOTOR PACKAGE, DOG HOUSES, DRAW-TOOL, DERRICK OFF FLOOR 100% RIGGED DOWN, 75% OFF LOCATION, 10% ON NEW LOCATION, MOVED MAN CAMPS AND RIGGED UP ON NEW LOCATION, WAIT ON DAY LIGHTS
9/16/2007	19:00 - 06:00	11.00	OTH		SPLIT SUBS, PICK UP MATS, AND PLACE MATS ON NEW LOCATION AND CENTER SUB OVER HOLE, AND SET 2 MUD TANKS, AND MOTOR PACKAGE, DRAW TOOL (HAVE 5 % ON OLD LOCATION AND 15% SET IN ON NEW LOCATION)
	06:00 - 18:00	12.00	LOC	3	WAIT ON DAY LIGHT
9/17/2007	18:00 - 06:00	12.00	OTH		SET IN RIG WITH TRUCKS AND CRANE 100% SET IN/ 100% OFF OLD LOCATION AND 20% RIGGED UPSTART PULLING CORDS ON EQUIPMENT, BOPE STILL IN CASPER EXPECT LATE MONDAY OR EARLY TUESDAY
	06:00 - 18:00	12.00	LOC	3	WAIT ON DAY LIGHT TO RIG UP
9/18/2007	18:00 - 06:00	12.00	OTH		HOOK UP EQUIPMENT(SOLIDS CONTROL), GENERAL RIGGING UP-HOOKED AIR LINES UP ONTO COMPOUND BACKWARDS AGAIN, CHANGED LINERS AND SWABS IN #2 PUMP, FIRE LIGHT PLANT AND START FLOOR MOTORS, STRING BLOCKS
	06:00 - 18:00	12.00	LOC	4	WAIT ON DAYLIGHTS
9/19/2007	18:00 - 06:00	12.00	LOC	4	READY DERRICK TO RAISE, RAISE DERRICK @ 11:00 AM, UNBRIDLE, RIG UP ROTARY TOOLS, TABLE CHAIN PUT TOGETHER, WORK ON AGITATOR IN MUD TANK, BAR HOPPERS
	06:00 - 18:00	12.00	LOC	4	RIG UP ROTARTY TOOLS, RIG UP TOP DRIVE AND FILL MUD TANKS, FINISH RIGGING UP TOP DRIVE
9/20/2007	18:00 - 06:00	12.00	LOC	4	RUN AIR LINES, PASON LINES, FILL PRE-MIX TANK,
	06:00 - 07:00	1.00	LOC	4	HOOK UP FLARE LINES
	07:00 - 11:30	4.50	LOC	4	SET IN SINGLE GATE AND MUD CROSS (NIPPLE UP SAME)
	11:30 - 13:00	1.50	LOC	4	RIG REPAIR- READY TO SPUD IN BUT DOUBLE GATE ISN'T OUT OF MACHINE SHOP/ WORK ON MIS ITEMS AROUND RIG, TRY TO FIX 2 OIL LEAKS ON COMPOUND, POP OFF LINE
	13:00 - 19:00	6.00	BOP	1	WAIT ON BOPE FROM CASPER BEING MACHINED IN MACHINE SHOP OUT OF MACHINE SHOP @ 1600 AND M&M WORKING TO PUT IT BACK TOGETHER, ON ROAD @ 1930 (PICKED UP AROUND LOCATION AND ORGANIZED TUBULARS AND LAY OUT BHA AND STRAPPED, RIG UP WIRE LINE MACHINE, VIS UP PRE-MIX TANK, PRESSURE TEST MUD LINE 2500 PSI FIX TWO LEAKS) BLM CONTACTED OVER PHONE (SPOKE WITH RAY ARNOLD ABOUT PRESSURE TESTING AND DRILLING OUT)
	19:00 - 06:00	11.00	RIG	2	UNLOAD AND STACK BOPE (DOUBLE GATE AND ANNULAUR) SET IN ROTATING HEAD AND HOOK UP KOOMY LINES
9/21/2007	06:00 - 02:00	20.00	RIG	2	INSTALL ROT HEAD AND ORBIT VALVE WHILE B.C QUICK TEST TORQUE FLANGES ON BOPE
	02:00 - 06:00	4.00	BOP	1	TEST TOP DRIVE/FUNCTION TEST RAMS (HAD ALL LINES HOOKED BACKWARDS X/O LINES), TEST BOPE (TOP AND BOTTOM PIPES RAMS, BLIND RAMS, CHOKE MANIFOLD, CHOKE LINE, BOP VALVES, UPPER AND
9/22/2007	06:00 - 10:00	4.00	BOP	1	
	10:00 - 17:00	7.00	BOP	2	

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Operations Summary Report

Well Name: WRU EIH 6D-5-8-23
 Location: 5- 8-S 23-E 26
 Rig Name: ENSIGN

Spud Date: 9/5/2007
 Rig Release:
 Rig Number: 24

Date	From - To	Hours	Code	Sub Code	Description of Operations
9/22/2007	10:00 - 17:00	7.00	BOP	2	LOWER TOP DRIVE VALVES, TIW VALVE, DART VALVE TO 250 PSI LOW 10 MIN / 5000 PSI HIGH 10 MIN--ANNULAIR 250 PSI LOW 10 MIN 2500PSI HIGH 10 MIN/ TEST CASING TO 1500 PSI FOR 30 MIN
	17:00 - 18:00	1.00	OTH		INSTALL WEAR BUSHING
	18:00 - 19:30	1.50	BOP	1	HOOK UP FILL UP LINE, CENTER STACK, CHAIN DOWN ROTARTY TABLE,,
	19:30 - 20:30	1.00	TRP	1	INSTALL ROTATING HEAD BEARING PACK
	20:30 - 21:30	1.00	RIG	2	PICK UP BHA TO DRILL OUT SHOE TRACK
	21:30 - 23:00	1.50	TRP	1	WORK ON PIPE SPINNERS (BROKEN FITTING AND WORK ON WINCH LINE CABLE FRAYING)
9/23/2007	23:00 - 06:00	7.00	RIG	2	PICK UP BHA TAGGED CEMENT @ 1093
	06:00 - 18:30	12.50	RIG	2	WORK ON TOP DRIVE VALVE WON'T OPEN WITH CONTROL, WHEN WE PUT IN OPEN IT SHUTS VALVE AND WHEN WE PUT IT IN CLOSED IT SHUTS VALVE ALSO, 37 PIN FAILER
	18:30 - 19:00	0.50	DRL	4	WORK ON TOP DRIVE WHILE TRYING TO FIX BURNT OUT TIMER BLOCK, AND KEEP BURNTING OUT DI-ODS, ELECTRICTION FROM GRAND JUNCTION SHOWED UP @ 14:15 HR.S TROUBLE SHOOT PROBLEM CHANGE OUT DIRECTIONAL VALVE AND FOUND A ROW OF DI-ODS (CALLED THE JUMPER ROW) NOT PRODUCING ANY VOLTAGE-RAN 3 JUMPS AND WE HAVE ALL THE ROBOTICS NOW
	19:00 - 19:30	0.50	EQT	2	DRILL FLOAT AND SHOE AND 10' OF NEW FORMATION (1160)-TAGGED FLOAT @ 1085 AND SHOE @ 1126
	19:30 - 03:00	7.50	DRL	1	PERFORM FIT TEST MW 8.4+300 PSI= 13.3 PPG MW
	03:00 - 03:30	0.50	SUR	1	DRILL AHEAD FROM 1160 TO 1668 (ROP 81' HR) RPM 45, DHRPM 101, WOB 5-8, MW 8.4, VIS 28,
	03:30 - 06:00	2.50	DRL	1	SURVEY @ 1613 .5 DEG, AZ. 350.4
	06:00 - 11:00	5.00	DRL	1	DRILL AHEAD FROM 1668 TO 1855 (ROP 74 ' HR) RPM 55, DHRPM 111, WOB 5-8, MW 8.4, VIS 28,
	11:00 - 11:30	0.50	SUR	1	DRILL FROM 1855 TO 2233 (ROP 75.6' HR)RPM 55 DHRPM 110, WOB 8-10, MW 8.6, VIS 28, NO BACK GROUND GAS,
	11:30 - 12:00	0.50	OTH		SURVEY @ 2168 DEG 1.4 AZ. 322
9/24/2007	12:00 - 14:30	2.50	DRL	1	INSTALL ROTATING HEAD RUBBER
	14:30 - 15:30	1.00	RIG	1	DRILL FROM 2233 TO 2422 (ROP 75.6' HR)SAME PERAMETERS
	15:30 - 20:00	4.50	DRL	1	SERVICE RIG AND TOP DRIVE
	20:00 - 20:30	0.50	SUR	1	DRILL FROM 2422 TO 2798
	20:30 - 21:30	1.00	DRL	1	SURVEY WAS A MISS RUN @ 2713
	21:30 - 23:30	2.00	CIRC	2	DRILL FROM 2798 TO 2893 (ROP 95' HR) SAME PERAMETERS
	23:30 - 00:00	0.50	SUR	1	PICKED UP TO REAM BACK TO BOTTOM TO TAKE SURVEY AND LOST RETURNS PUMPED 15% LCM SWEEP AROUND AND REGAINED CIRCULATION (BY PASSED SHAKERS & SHUT IN PITS)-LOST 320 BBL TOTAL WHILE REGAINING CIRCULATION, HAVE ALMOST ALL RETURNS BACK 2-3% LESS FLOW OF WHAT WE HAD BEFORE LOSSING CIRCULATION
	00:00 - 01:00	1.00	DRL	1	RUN SURVEY MIS-RUN AGAIN--FEATHERS ARE HANGING UP IN COLLARS-DRILLER PUT NEW ONES ON BECAUSE OLD ONES WHERE WORE OUT-TRIMMED THEM BACK NOW THEY'LL GO TO BOTTOM!!
	01:00 - 01:30	0.50	SUR	1	DRILL FROM 2893-2988 (ROP 95' HR)SAME PERAMETERS
	01:30 - 06:00	4.50	DRL	1	RUN SURVEY GOOD ONE FINALY DEG .6 AZ 20.5
9/25/2007	06:00 - 11:00	5.00	DRL	1	DRILL FROM 2988 TO 3350 (ROP 80.4' HR) SAME PERAMETERS
	11:00 - 12:30	1.50	CIRC	2	DRILL FROM 3350 TO 3579 (ROP 45.8' HR)
	12:30 - 13:00	0.50	DRL	1	HAD NO RETURNS PUMP 80BBL 16% LCM SWEEP REGAINED PARTAL RETURNS PUMPED PRE MIX 300 BBL OF 26% LCM REGAINED RETURNS
	13:00 - 13:30	0.50	CIRC	2	DRILL FROM 3579 TO 3601
					LOST RETURNS HAD PARTRTIAL RETURNS PUMPED 80 BBL 16% LCM PILL REGAINED FULL RETURNS

Operations Summary Report

Well Name: WRU EIH 6D-5-8-23
 Location: 5- 8-S 23-E 26
 Rig Name: ENSIGN

Spud Date: 9/5/2007
 Rig Release:
 Rig Number: 24

Date	From - To	Hours	Code	Sub Code	Description of Operations
9/25/2007	13:30 - 14:00	0.50	DRL	1	DRILL FROM 3601 TO 3646 WOB 15, RPM 55,
	14:00 - 15:00	1.00	RIG	1	SERVICE RIG, TOPDRIVE AND BLOCKS AND SWIVEL
	15:00 - 18:30	3.50	DRL	1	DRILL FROM 3646 TO 3849
	18:30 - 19:00	0.50	CIRC	2	LOSS CIRCULATION HAD MINAMAL RETURNS REGAIN AFTER PUMPING 80 BBL 25% LCM SWEEP
	19:00 - 19:30	0.50	DRL	1	RACK STAND BACK SO WE COULD WORK PIPE A FULL 30+ FT
	19:30 - 20:00	0.50	DRL	1	DRILL FROM 3849 TO 3878
	20:00 - 21:00	1.00	CIRC	2	HAD MINAMAL RETURNS, PUMPED 80 BBL 16% LCM SWEEP REGAINED SOME RETURNS AND TRANSFERED PREMIX 22% OVER TO BUILD VOLUME ALSO REGAIN FULL RETURNS
	21:00 - 02:00	5.00	DRL	1	DRILL FROM 3878 TO 4210
	02:00 - 02:30	0.50	SUR	1	SURVEY @ 4125 INC 5.1 AZ 294.7
	02:30 - 06:00	3.50	DRL	1	DRILL FROM 4210 TO 4398
9/26/2007	06:00 - 06:30	0.50	SUR	1	SURVEY @ 4324' 6.3 DEG AZ. 57.9
	06:30 - 07:00	0.50	DRL	1	DRILL FROM 4398 TO 4404 WOB 20, ROT 60, DHRPM 110, MW 9.1, VIS 48, BACK GROUND 20 UNITS
	07:00 - 08:00	1.00	CIRC	1	CIRCULATE BUILD TRIP SLUG AND FILL TRIP TANK
	08:00 - 11:00	3.00	TRP	2	TRIP OUT TO CHANGE BHA (RUN SLICK MUD MOTOR, MOVE IBS'S TO 60', 90' AND PICK UP STRING MILL)
	11:00 - 11:30	0.50	TRP	2	HANDLE BHA AND CHANGE OUT MOTORS AND BITS
	11:30 - 15:30	4.00	TRP	2	TRIP IN HOLE WITH NEW BIT MOTOR AND DIFFERENT BHA, TAGGED BRIDGE @ 3206, WASH THRU SPOT (SOFT) THE REST OF TRIP WENT IN WITH NO PROBLEMS
	15:30 - 16:00	0.50	SUR	1	SURVEY CHECK SHOT WITH NEW SURVEY TOOL @ 4323 1.5 DEG/ 85 AZ.
	16:00 - 17:00	1.00	RIG	1	SERVICE RIG AND TOP DRIVE
	17:00 - 06:00	13.00	DRL	1	DRILL FROM 4404 TO 5071 WOB 10-20, ROT 60, DHRPM 110, MW 9.2, VIS 54, BACK GROUND 25 UNITS
	06:00 - 06:30	0.50	SUR	1	DEVIATION SURVEY @ 5022' / 1.3 DEG. 64.0 AZM.
9/27/2007	06:30 - 12:00	5.50	DRL	1	DRILLING F/ 5071'-5161' WOB 20, ROT 60, DHRPM 110, MW 9.4, VIS 58, BACK GROUND GAS 25 UNITS
	12:00 - 13:00	1.00	RIG	1	LUBRICATE RIG & TOP DRIVE / FUNCTION LOWER PIPE RAMS
	13:00 - 13:30	0.50	DRL	1	DRILLING F/ 5161'-5185' WOB 20, ROT 60, DHRPM 110, MW 9.4, VIS 69, BACK GROUND GAS 25 UNITS
	13:30 - 15:00	1.50	CIRC	2	CIRCULATE LCM SWEEP TO REGAIN RETURNS
	15:00 - 15:30	0.50	DRL	1	DRILLING F/ 5185'-5188' WOB 20, ROT 60, DHRPM 110, MW 9.4, VIS 51, BACK GROUND GAS 25 UNITS
	15:30 - 18:00	2.50	CIRC	2	CIRCULATE LCM SWEEP TO REGAIN CIRCULATION
	18:00 - 20:30	2.50	DRL	1	DRILLING F/ 5188'-5248' WOB 25, ROT 60, DHRPM 110, MW 9.4, VIS 40, BACK GROUND GAS 25 UNITS
	20:30 - 21:00	0.50	CIRC	2	CIRCULATE LCM SWEEP TO REGAIN RETURNS
	21:00 - 06:00	9.00	DRL	1	DRILLING F/ 5148'-5381' WOB 25, ROT 60, DHRPM 110, MW 9.4, VIS 54, BACK GROUND GAS 25 UNITS
	9/28/2007	06:00 - 11:00	5.00	DRL	1
11:00 - 12:00		1.00	RIG	1	LUBRICATE RIG & TOP DRIVE & FUNCTION ANNULAR
12:00 - 18:00		6.00	DRL	1	DRILLING F/ 5445'-5539' ROP @ 16' P/HR MUD WT 9.4 VIS 48 W/ 7 TO 10 BBL./HR. LOSSES
18:00 - 23:00		5.00	DRL	1	DRILLING F/ 5539'-5569' ROP @ 6' P/HR MUD WT 9.4 VIS 51 W/ 4 TO 6 BBL./HR. LOSSES
23:00 - 06:00		7.00	TRP	10	PUMP PILL, DROP SURVEY & T.O.O.H F/ 5569'-4788' CLEAN W/ GOOD HOLE FILL, F/ 4788'-4162' TIGHT W/ SWABBING & BACK REAMING, F/ 4162'-3340' CLEAN W/ GOOD HOLE FILL, F/ 3340'-3048' TIGHT W/ GOOD HOLE FILL &

Operations Summary Report

Well Name: WRU EIH 6D-5-8-23
 Location: 5-8-S 23-E 26
 Rig Name: ENSIGN

Spud Date: 9/5/2007
 Rig Release:
 Rig Number: 24

Date	From - To	Hours	Code	Sub Code	Description of Operations
9/28/2007	23:00 - 06:00	7.00	TRP	10	BACK REAMING, F/ 3048'-1150' CLEAN W/ GOOD HOLE FILL
9/29/2007	06:00 - 08:00	2.00	TRP	10	TRIP OUT FOR BIT & L/D STING MILL & XOs & BREAK OUT BIT
	08:00 - 11:00	3.00	TRP	2	MAKE UP NEW BIT, T.I.H / FILLING EVERY 30 STDS.
	11:00 - 12:00	1.00	REAM	1	WASH & REAM LAST 2 STDS. W/ NO RESISTANCE
	12:00 - 15:00	3.00	DRL	1	DRILLING F/ 5569'-5623' ROP @ 18'/HR MUD WT. 9.4 VIS 48 W/ 4 TO 6 BBLs./HR LOSSES
	15:00 - 16:00	1.00	RIG	1	LUBRICATE RIG & TOP DRIVE / FUNCTION TOP PIPE RAMS
	16:00 - 18:00	2.00	DRL	1	DRILLING F/ 5623'-5661' ROP @ 19'/HR MUD WT. 9.4 VIS 57 4 TO 6 BBLs./HR. LOSSES
	18:00 - 22:00	4.00	DRL	1	DRILLING F/ 5661'-5779' ROP @ 29.5'/HR. MUD WT 9.4 VIS 58 60 BBLs./HR. LOSSES
	22:00 - 23:00	1.00	CIRC	2	CIRCULATE & PUMP 100 BBL. LCM SWEEP LOSSES SLOWED DOWN TO 6 TO 8 BBLs./HR.
	23:00 - 01:00	2.00	CIRC	2	WAIT ON LCM PILL TO SOAK UNTIL LOSSES STOP
	01:00 - 01:30	0.50	DRL	1	DRILLING F/ 5579'-5789' ROP 20'/HR. MUD WT. 9.4 VIS 46 60 + BBLs./HR. LOSSES
	01:30 - 03:30	2.00	CIRC	1	MIX & PUMP 100 BBLs 25% LCM PILL
	03:30 - 06:00	2.50	CIRC	2	WAIT ON LCM PILL TO SOAK WITH NO LOSSES AFTER ONE HOUR
9/30/2007	06:00 - 18:00	12.00	DRL	1	DRILLING F/ 5789' TO 6001' ROP @ 18'/HR. 4 TO 6 BBL. LOSSES & 8 TO 35 BBL. LOSSES THROUGH DRILLING BREAKS
	18:00 - 06:00	12.00	DRL	1	DRILLING F/ 6001' TO 6,220' ROP @ 18' //HR MUD WT 9.3 PPG VIS 48 W/ 4 BBLs LOSSES P/HR.
10/1/2007	06:00 - 11:00	5.00	DRL	1	DRILLING F/ 6220' TO 6284' ROP @ 13'/HR. LOSSES @ 4 TO 6 BBLs./HR MUD WT. 9.4 VIS 52
	11:00 - 12:00	1.00	RIG	1	LUBRICATE RIG & TOP DRIVE / FUNCTION TOP PIPE RAMS
	12:00 - 18:00	6.00	DRL	1	DRILLING F/ 6284' TO 6411' ROP @ 21'/HR LOSSES MINIMIIZED TO 4 BBLs./HR.
	18:00 - 23:00	5.00	DRL	1	DRILLING F/ 6411' TO 6569' ROP @ 32'/HR. LOSSES @ 6 TO 8 BBLs./HR. W/ SLOWER ROP & 20 TO 40 W/ ROP @ 40 TO 60'/HR.
	23:00 - 00:00	1.00	SUR	1	SPOT 40 BBLs. LCM FREE MUD IN PIPE & RUN WIRELINE SURVEY (INCL. .9 AZM. 89.1)
	00:00 - 06:00	6.00	DRL	1	DRILLING F/ 6569' TO 6745' ROP @ 29'/HR. LOSSES @ 6 TO 8 BLS./HR W/ SLOWER ROP & 20 TO 40BBLs./HR W/ ROP @ 40 TO 60'/HR.
10/2/2007	06:00 - 12:00	6.00	DRL	1	DRILLING F/ 6724' TO 6942' ROP @ 36'/HR. LOSSES @ 8 TO 10 BBLs./HR. W/ ROP @ 10 TO 20'/HR. LOSSES INCREASE TO 20 TO 40 BBLs./HR. W/ ROP 20 TO 60'/HR.
	12:00 - 13:00	1.00	RIG	2	LUBRICATE RIG & TOP DRIVE / FUNCTION LOWER PIPE RAMS
	13:00 - 18:00	5.00	DRL	1	DRILLING F/ 6942' TO 7110' ROP @ 34'/HR. LOSSES @ 8 TO 10 BBLs./HR W/ ROP @ 10 TO 20'/HR. LOSSES INCREASE TO 20 TO 40 BBLs./HR W/ ROP 20 TO 60'/HR.
	18:00 - 06:00	12.00	DRL	1	DRILLING F/ 7110' TO 7412' ROP @ 25'/HR. LOSSES @ 8 TO 10 BBLs./HR W/ ROP @ 10 TO 20'/HR. LOSSES INCREASE TO 20 TO 40 BBLs./HR W/ ROP 20 TO 60'/HR.
10/3/2007	06:00 - 13:00	7.00	DRL	1	DRILLING F/ 7412' TO 7601' ROP @ 27'/HR. LOSSES @ 6 TO 10 BBLs./HR W/ ROP @ 10 TO 20'/HR. LOSSES INCREASE 20 TO 40 BBLs./HR. W/ ROP 20 TO 60'/HR.
	13:00 - 13:30	0.50	CIRC	1	MIX & SPOT LCM FREE MUD @ BIT FOR WIRELINE SURVEY
	13:30 - 14:30	1.00	SUR	1	RUN WIRELINE SURVEY @ 7520' (INCL. 1.4 ANZI. 83.4)
	14:30 - 17:30	3.00	DRL	1	DRILLING F/ 7601' TO 7694' ROP @ 31'/HR. LOSSES @ 6 TO 10 BBLs./HR. W/ ROP @ 10 20'/HR. LOSSES INCREASE 20 TO 40 BBLs./HR. W/ ROP 20 TO 60'/HR.
	17:30 - 18:00	0.50	RIG	1	RIG SERVICE LUBRICATE RIG & TOP DRIVE
	18:00 - 06:00	12.00	DRL	1	DRILLING F/ 7694' TO 7925' ROP @ 19'/HR. LOSSES @ 4 TO 6 BBLs./HR

Operations Summary Report

Well Name: WRU EIH 6D-5-8-23
 Location: 5- 8-S 23-E 26
 Rig Name: ENSIGN

Spud Date: 9/5/2007
 Rig Release:
 Rig Number: 24

Date	From - To	Hours	Code	Sub Code	Description of Operations
10/4/2007	06:00 - 11:00	5.00	DRL	1	DRILLING F/ 7925' TO 8072' ROP @ 29'/HR. NO HOLE LOSSES
	11:00 - 12:00	1.00	RIG	1	RIG SERVICE / LUBRICATE RIG & TOP DRIVE
	12:00 - 18:00	6.00	DRL	1	DRILLING F/ 8072' TO 8166' ROP @ 16'/HR.
	18:00 - 19:30	1.50	DRL	1	DRILLING F/ 8166' TO 8185' ROP @ 13'/HR. NO HOLE LOSSES
	19:30 - 20:00	0.50	SUR	1	DROP SURVEY (SURVEY DEPTH 8135' INCL. 1.7 AZI. 88.30) & PUMP PILL
	20:00 - 00:30	4.50	TRP	2	TRIP OUT OF HOLE TO THE SHOE (RESTRICTIONS @ 3365' TO 3021')
	00:30 - 01:00	0.50	RIG	2	WORK ON CHANGING OUT #3 MOTOR CLUTCH
	01:00 - 02:00	1.00	TRP	2	TRIP OUT OF HOLE W/ BHA
	02:00 - 02:30	0.50	TRP	2	CHANGE OUT THE MUD MOTOR & BIT
	02:30 - 03:30	1.00	TRP	2	TRIP IN THE HOLE TO THE SHOE (1100')
	03:30 - 04:00	0.50	RIG	2	FINISH REPLACING #3 MOTOR CLUTCH
	04:00 - 05:00	1.00	RIG	6	CUT & SLIP DRILLING LINE
	05:00 - 06:00	1.00	TRP	2	TRIP IN HOLE W/ NEW BIT & MOTOR

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Operations Summary Report						
Well Name: WRU EIH 6D-5-8-23			Spud Date: 9/5/2007			
Location: 5-8-S 23-E 26			Rig Release:			
Rig Name: ENSIGN			Rig Number: 24			
Date	From - To	Hours	Code	Sub Code	Description of Operations	
9/6/2007	19:30 - 18:30	23.00	DRL	1	DRILL FROM 40-1150	
	18:30 - 22:30	4.00	CSG	2	RUN 10 3/4 CASING	
9/14/2007	06:00 - 13:30	7.50	OTH		SNUB OUT DOUBLE GATE & SINGLE GATE TO CASPER FOR REPAIRS & INSTALL NIGHT CAP, RIG DOWN CHOKE HOUSE LINES AND BAR HOPPER LINES	
	13:30 - 18:00	4.50	LOC	4	RIG DOWN ROTARY TOOLS & BRIDLE UP TO LAY OVER DERRICK	
	18:00 - 06:00	12.00	LOC		RIG DOWN MUD TANKS, PULL CORDS ON EQUIPMENT, FUEL LINES, FLARE LINES, (READY DERRICK TO LAY OVER)	
9/15/2007	06:00 - 19:00	13.00	LOC	4	RECEIVED TRUCKS @ 8:00 AM AND MOVED OUT BACK YARD, LAY DERRICK OVER 9:00 AM, (LOAD OUT BACK YARD, MOTOR PACKAGE, DOG HOUSES, DRAW TOOL, DERRICK OFF FLOOR 100% RIGGED DOWN, 75% OFF LOCATION, 10% ON NEW LOCATION, MOVED MAN CAMPS AND RIGGED UP ON NEW LOCATION,	
	19:00 - 06:00	11.00	OTH		WAIT ON DAY LIGHTS	
9/16/2007	06:00 - 18:00	12.00	LOC	3	SPLIT SUBS, PICK UP MATS, AND PLACE MATS ON NEW LOCATION AND CENTER SUB OVER HOLE, AND SET 2 MUD TANKS, AND MOTOR PACKAGE, DRAW TOOL (HAVE 5% ON OLD LOCATION AND 15% SET IN ON NEW LOCATION)	
	18:00 - 06:00	12.00	OTH		WAIT ON DAY LIGHT	
9/17/2007	06:00 - 18:00	12.00	LOC	3	SET IN RIG WITH TRUCKS AND CRANE 100% SET IN/ 100% OFF OLD LOCATION AND 20% RIGGED UPSTART PULLING CORDS ON EQUIPMENT, BOPE STILL IN CASPER EXPECT LATE MONDAY OR EARLY TUESDAY	
	18:00 - 06:00	12.00	OTH		WAIT ON DAY LIGHT TO RIG UP	
9/18/2007	06:00 - 18:00	12.00	LOC	4	HOOK UP EQUIPMENT(SOLIDS CONTROL), GENERAL RIGGING UP-HOOKED AIR LINES UP ONTO COMPOUND BACKWARDS AGAIN, CHANGED LINERS AND SWABS IN #2 PUMP, FIRE LIGHT PLANT AND START FLOOR MOTORS, STRING BLOCKS	
	18:00 - 06:00	12.00	OTH		WAIT ON DAYLIGHTS	
9/19/2007	06:00 - 18:00	12.00	LOC	4	READY DERRICK TO RAISE, RAISE DERRICK @ 11:00 AM, UNBRIDLE, RIG UP ROTARY TOOLS, TABLE CHAIN PUT TOGETHER, WORK ON AGITATOR IN MUD TANK, BAR HOPPERS	
	18:00 - 06:00	12.00	LOC	4	RIG UP ROTARTY TOOLS, RIG UP TOP DRIVE AND FILL MUD TANKS,	
9/20/2007	06:00 - 07:00	1.00	LOC	4	FINISH RIGGING UP TOP DRIVE	
	07:00 - 11:30	4.50	LOC	4	RUN AIR LINES, PASON LINES, FILL PRE-MIX TANK,	
	11:30 - 13:00	1.50	LOC	4	HOOK UP FLARE LINES	
	13:00 - 19:00	6.00	BOP	1	SET IN SINGLE GATE AND MUD CROSS (NIPLLE UP SAME)	
	19:00 - 06:00	11.00	RIG	2	RIG REPAIR- READY TO SPUD IN BUT DOUBLE GATE ISNT OUT OF MACHINE SHOP/ WORK ON MIS ITEMS AROUND RIG, TRY TO FIX 2 OIL LEAKS ON COMPOUND, POP OFF LINE	
9/21/2007	06:00 - 02:00	20.00	RIG	2	WAIT ON BOPE FROM CASPER BEING MACHINED IN MACHINE SHOP OUT OF MACHINE SHOP @ 1600 AND M&M WORKING TO PUT IT BACK TOGETHER, ON ROAD @ 1930 (PICKED UP AROUND LOCATION AND ORGANIZED TUBULARS AND LAY OUT BHA AND STRAPPED, RIG UP WIRE LINE MACHINE, VIS UP PRE-MIX TANK, PRESSURE TEST MUD LINE 2500 PSI FIX TWO LEAKS) BLM CONTACTED OVER PHONE (SPOKE WITH RAY ARNOLD ABOUT PRESSURE TESTING AND DRILLING OUT)	
	02:00 - 06:00	4.00	BOP	1	UNLOAD AND STACK BOPE (DOUBLE GATE AND ANNULAUR) SET IN ROTATING HEAD AND HOOK UP KOOMY LINES	
9/22/2007	06:00 - 10:00	4.00	BOP	1	INSTALL ROT HEAD AND ORBIT VALVE WHILE B.C QUICK TEST TORQUE FLANGES ON BOPE	
	10:00 - 17:00	7.00	BOP	2	TEST TOP DRIVE/FUNCTION TEST RAMS (HAD ALL LINES HOOKED BACKWARDS X/O LINES),TEST BOPE (TOP AND BOTTOM PIPES RAMS, BLIND RAMS, CHOKE MANIFOLD, CHOKE LINE, BOP VALVES, UPPER AND	

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DIV. OF OIL, GAS & MINING

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Operations Summary Report						
Well Name: WRU EIH 6D-5-8-23			Spud Date: 9/5/2007			
Location: 5-8-S 23-E 26			Rig Release:			
Rig Name: ENSIGN			Rig Number: 24			
Date	From - To	Hours	Code	Sub Code	Description of Operations	
9/22/2007	10:00 - 17:00	7.00	BOP	2	LOWER TOP DRIVE VALVES, TIW VALVE, DART VALVE TO 250 PSI LOW 10 MIN / 5000 PSI HIGH 10 MIN--ANNULAU 250 PSI LOW 10 MIN 2500PSI HIGH 10 MIN/ TEST CASING TO 1500 PSI FOR 30 MIN	
	17:00 - 18:00	1.00	OTH		INSTALL WEAR BUSHING	
	18:00 - 19:30	1.50	BOP	1	HOOK UP FILL UP LINE, CENTER STACK, CHAIN DOWN ROTARTY TABLE, INSTALL ROTATING HEAD BEARING PACK	
	19:30 - 20:30	1.00	TRP	1	PICK UP BHA TO DRILL OUT SHOE TRACK	
	20:30 - 21:30	1.00	RIG	2	WORK ON PIPE SPINNERS (BROKEN FITTING AND WORK ON WINCH LINE CABLE FRAYING)	
	21:30 - 23:00	1.50	TRP	1	PICK UP BHA TAGGED CEMENT @ 1093	
9/23/2007	23:00 - 06:00	7.00	RIG	2	WORK ON TOP DRIVE VALVE WON'T OPEN WITH CONTROL, WHEN WE PUT IN OPEN IT SHUTS VALVE AND WHEN WE PUT IT IN CLOSED IT SHUTS VALVE ALSO, 37 PIN FAILER	
	06:00 - 18:30	12.50	RIG	2	WORK ON TOP DRIVE WHILE TRYING TO FIX BURNT OUT TIMER BLOCK, AND KEEP BURNTING OUT DI-ODS, ELECTRICTION FROM GRAND JUNCTION SHOWED UP @ 14:15 HR.S TROUBLE SHOOT PROBLEM CHANGE OUT DIRECTIONAL VALVE AND FOUND A ROW OF DI-ODS (CALLED THE JUMPER ROW) NOT PRODUCING ANY VOLTAGE-RAN 3 JUMPS AND WE HAVE ALL THE ROBOTICS NOW	
	18:30 - 19:00	0.50	DRL	4	DRILL FLOAT AND SHOE AND 10' OF NEW FORMATION (1160)-TAGGED FLOAT @ 1085 AND SHOE @ 1126	
	19:00 - 19:30	0.50	EQT	2	PERFORM FIT TEST MW 8.4+300 PSIF= 13.3 PPG MW	
	19:30 - 03:00	7.50	DRL	1	DRILL AHEAD FROM 1160 TO 1668 (ROP 81' HR) RPM 45, DHRPM 101, WOB 5-8, MW 8.4, VIS 28,	
	03:00 - 03:30	0.50	SUR	1	SURVEY @ 1613 .5 DEG, AZ. 350.4	
9/24/2007	03:30 - 06:00	2.50	DRL	1	DRILL AHEAD FROM 1668 TO 1855 (ROP 74' HR) RPM 55, DHRPM 111, WOB 5-8, MW 8.4, VIS 28,	
	06:00 - 11:00	5.00	DRL	1	DRILL FROM 1855 TO 2233 (ROP 75.6' HR)RPM 55 DHRPM 110, WOB 8-10, MW 8.6, VIS 28, NO BACK GROUND GAS,	
	11:00 - 11:30	0.50	SUR	1	SURVEY @ 2188 DEG 1.4 AZ. 322	
	11:30 - 12:00	0.50	OTH		INSTALL ROTATING HEAD RUBBER	
	12:00 - 14:30	2.50	DRL	1	DRILL FROM 2233 TO 2422 (ROP 75.6' HR)SAME PARAMETERS	
	14:30 - 15:30	1.00	RIG	1	SERVICE RIG AND TOP DRIVE	
	15:30 - 20:00	4.50	DRL	1	DRILL FROM 2422 TO 2798	
	20:00 - 20:30	0.50	SUR	1	SURVEY WAS A MISS RUN @ 2713	
	20:30 - 21:30	1.00	DRL	1	DRILL FROM 2798 TO 2893 (ROP 95' HR)SAME PARAMETERS	
	21:30 - 23:30	2.00	CIRC	2	PICKED UP TO REAM BACK TO BOTTOM TO TAKE SURVEY AND LOST RETURNS PUMPED 15% LCM SWEEP AROUND AND REGAINED CIRCULATION (BY PASSED SHAKERS & SHUT IN PITS)-LOST 320 BBL TOTAL WHILE REGAINING CIRCULATION, HAVE ALMOST ALL RETURNS BACK 2-3% LESS FLOW OF WHAT WE HAD BEFORE LOSSING CIRCULATION	
	23:30 - 00:00	0.50	SUR	1	RUN SURVEY MIS-RUN AGAIN--FEATHERS ARE HANGING UP IN COLLARS-DRILLER PUT NEW ONES ON BECAUSE OLD ONES WHERE WORE OUT-TRIMMED THEM BACK NOW THEYLL GO TO BOTTOM!	
	9/25/2007	00:00 - 01:00	1.00	DRL	1	DRILL FROM 2893-2988 (ROP 95' HR)SAME PARAMETERS
01:00 - 01:30		0.50	SUR	1	RUN SURVEY GOOD ONE FINALLY DEG. 6 AZ 20.5	
01:30 - 06:00		4.50	DRL	1	DRILL FROM 2988 TO 3350 (ROP 80.4' HR) SAME PARAMETERS	
06:00 - 11:00		5.00	DRL	1	DRILL FROM 3350 TO 3579 (ROP 45.8' HR)	
11:00 - 12:30		1.50	CIRC	2	HAD NO RETURNS PUMP 80BBL 16% LCM SWEEP REGAINED PARTAL RETURNS PUMPED PRE MIX 300 BBL OF 26% LCM REGAINED RETURNS	
12:30 - 13:00		0.50	DRL	1	DRILL FROM 3579 TO 3601	
	13:00 - 13:30	0.50	CIRC	2	LOST RETURNS HAD PARTRTIAL RETURNS PUMPED 80 BBL 16% LCM PILL REGAINED FULL RETURNS	

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Location: 5-8-S 23-E 26			Rig Release:			
Rig Name: ENSIGN			Rig Number: 24			
Date	From - To	Hours	Code	Sub Code	Description of Operations	
9/25/2007	13:30 - 14:00	0.50	DRL	1	DRILL FROM 3601 TO 3646 WOB 15, RPM 55,	
	14:00 - 15:00	1.00	RIG	1	SERVICE RIG, TOPDRIVE AND BLOCKS AND SWIVEL	
	15:00 - 18:30	3.50	DRL	1	DRILL FROM 3646 TO 3849	
	18:30 - 19:00	0.50	CIRC	2	LOSS CIRCULATION HAD MINAMAL RETURNS REGAIN AFTER PUMPING 80 BBL 25% LCM SWEEP	
	19:00 - 19:30	0.50	DRL	1	RACK STAND BACK SO WE COULD WORK PIPE A FULL 30+ FT	
	19:30 - 20:00	0.50	DRL	1	DRILL FROM 3849 TO 3878	
	20:00 - 21:00	1.00	CIRC	2	HAD MINAMAL RETURNS, PUMPED 80 BBL 16% LCM SWEEP REGAINED SOME RETURNS AND TRANSFERED PREMIX 22% OVER TO BUILD VOLUME ALSO REGAIN FULL RETURNS	
	21:00 - 02:00	5.00	DRL	1	DRILL FROM 3878 TO 4210	
	02:00 - 02:30	0.50	SUR	1	SURVEY @ 4125 INC 5.1 AZ 294.7	
	02:30 - 06:00	3.50	DRL	1	DRILL FROM 4210 TO 4398	
9/26/2007	06:00 - 06:30	0.50	SUR	1	SURVEY @ 4324 6.3 DEG AZ. 57.9	
	06:30 - 07:00	0.50	DRL	1	DRILL FROM 4398 TO 4404 WOB 20, ROT 60, DHRPM 110, MW 9.1, VIS 48, BACK GROUND 20 UNITS	
	07:00 - 08:00	1.00	CIRC	1	CIRCULATE BUILD TRIP SLUG AND FILL TRIP TANK	
	08:00 - 11:00	3.00	TRP	2	TRIP OUT TO CHANGE BHA (RUN SLICK MUD MOTOR, MOVE IBSS TO 60', 90' AND PICK UP STRING MILL)	
	11:00 - 11:30	0.50	TRP	2	HANDLE BHA AND CHANGE OUT MOTORS AND BITS	
9/27/2007	11:30 - 15:30	4.00	TRP	2	TRIP IN HOLE WITH NEW BIT MOTOR AND DIFFERENT BHA, TAGGED BRIDGE @ 3206, WASH THRU SPOT (SOFT) THE REST OF TRIP WENT IN WITH NO PROBLEMS	
	15:30 - 16:00	0.50	SUR	1	SURVEY CHECK SHOT WITH NEW SURVEY TOOL @ 4323 1.5 DEG/85 AZ.	
	16:00 - 17:00	1.00	RIG	1	SERVICE RIG AND TOP DRIVE	
	17:00 - 06:00	13.00	DRL	1	DRILL FROM 4404 TO 5071 WOB 10-20, ROT 60, DHRPM 110, MW 9.2, VIS 54, BACK GROUND 25 UNITS	
	06:00 - 06:30	0.50	SUR	1	DEVIATION SURVEY @ 5022 / 1.3 DEG. 64.0 AZM.	
	06:30 - 12:00	5.50	DRL	1	DRILLING F/5071-5161' WOB 20, ROT 60, DHRPM 110, MW 9.4, VIS 58, BACK GROUND GAS 25 UNITS	
	12:00 - 13:00	1.00	RIG	1	LUBRICATE RIG & TOP DRIVE / FUNCTION LOWER PIPE RAMS	
	13:00 - 13:30	0.50	DRL	1	DRILLING F/5161-5188' WOB 20, ROT 60, DHRPM 110, MW 9.4, VIS 69, BACK GROUND GAS 25 UNITS	
	13:30 - 15:00	1.50	CIRC	2	CIRCULATE LCM SWEEP TO REGAIN RETURNS	
	15:00 - 15:30	0.50	DRL	1	DRILLING F/5188-5188' WOB 20, ROT 60, DHRPM 110, MW 9.4, VIS 51, BACK GROUND GAS 25 UNITS	
9/28/2007	15:30 - 18:00	2.50	CIRC	2	CIRCULATE LCM SWEEP TO REGAIN CIRCULATION	
	18:00 - 20:30	2.50	DRL	1	DRILLING F/5188-5248' WOB 25, ROT 60, DHRPM 110, MW 9.4, VIS 40, BACK GROUND GAS 25 UNITS	
	20:30 - 21:00	0.50	CIRC	2	CIRCULATE LCM SWEEP TO REGAIN RETURNS	
	21:00 - 06:00	9.00	DRL	1	DRILLING F/5148-5381' WOB 25, ROT 60, DHRPM 110, MW 9.4, VIS 54, BACK GROUND GAS 25 UNITS	
	06:00 - 11:00	5.00	DRL	1	DRILLING F/5382-5445' ROP @ 12.6 P/HR MUD WT. 9.4 VIS 46 W/ 7 TO 10 BBL/HR. LOSSES	
	11:00 - 12:00	1.00	RIG	1	LUBRICATE RIG & TOP DRIVE & FUNCTION ANNULAR	
	12:00 - 18:00	6.00	DRL	1	DRILLING F/5445-5539' ROP @ 16' P/HR MUD WT 9.4 VIS 48 W/ 7 TO 10 BBL/HR. LOSSES	
	18:00 - 23:00	5.00	DRL	1	DRILLING F/5539-5569' ROP @ 6' P/HR MUD WT 9.4 VIS 51 W/ 4 TO 6 BBL/HR. LOSSES	
	23:00 - 06:00	7.00	TRP	10	PUMP PILL, DROP SURVEY & T.O.O.H F/5569-4788' CLEAN W/ GOOD HOLE FILL, F/4788-4162' TIGHT W/ SWABBING & BACK REAMING, F/4162-3340' CLEAN W/ GOOD HOLE FILL, F/3340-3048' TIGHT W/ GOOD HOLE FILL &	

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Location: 5-8-S 23-E 26			Rig Release:			
Rig Name: ENSIGN			Rig Number: 24			
Date	From - To	Hours	Code	Sub Code	Description of Operations	
9/28/2007	23:00 - 06:00	7.00	TRP	10	BACK REAMING, F/3048-1150' CLEAN W/ GOOD HOLE FILL	
9/29/2007	06:00 - 08:00	2.00	TRP	10	TRIP OUT FOR BIT & L/D STING MILL & XOs & BREAK OUT BIT	
	08:00 - 11:00	3.00	TRP	2	MAKE UP NEW BIT, T.I.H / FILLING EVERY 30 STDS.	
	11:00 - 12:00	1.00	REAM	1	WASH & REAM LAST 2 STDS. W/ NO RESISTANCE	
	12:00 - 15:00	3.00	DRL	1	DRILLING F/5569-5623' ROP @ 18'/HR MUD WT. 9.4 VIS 48 W/ 4 TO 6 BBLs./HR LOSSES	
	15:00 - 16:00	1.00	RIG	1	LUBRICATE RIG & TOP DRIVE / FUNCTION TOP PIPE RAMS	
	16:00 - 18:00	2.00	DRL	1	DRILLING F/5623-5661' ROP @ 19'/HR MUD WT. 9.4 VIS 57 4 TO 6 BBLs./HR. LOSSES	
	18:00 - 22:00	4.00	DRL	1	DRILLING F/5661-5779' ROP @ 29.5'/HR. MUD WT 9.4 VIS 58 60 BBLs./HR. LOSSES	
	22:00 - 23:00	1.00	CIRC	2	CIRCULATE & PUMP 100 BBL. LCM SWEEP LOSSES SLOWED DOWN TO 6 TO 8 BBLs./HR.	
	23:00 - 01:00	2.00	CIRC	2	WAIT ON LCM PILL TO SOAK UNTIL LOSSES STOP	
	01:00 - 01:30	0.50	DRL	1	DRILLING F/5779-5789' ROP 20'/HR. MUD WT. 9.4 VIS 46 60 + BBLs./HR. LOSSES	
	01:30 - 03:30	2.00	CIRC	1	MIX & PUMP 100 BBLs 25% LCM PILL	
	03:30 - 06:00	2.50	CIRC	2	WAIT ON LCM PILL TO SOAK WITH NO LOSSES AFTER ONE HOUR	
9/30/2007	06:00 - 18:00	12.00	DRL	1	DRILLING F/5789' TO 6001' ROP @ 18'/HR. 4 TO 6 BBL. LOSSES & 8 TO 35 BBL. LOSSES THROUGH DRILLING BREAKS	
	18:00 - 06:00	12.00	DRL	1	DRILLING F/6001' TO 6,220' ROP @ 18' /HR MUD WT 9.3 PPG VIS 48 W/ 4 BBLs LOSSES P/HR.	
10/1/2007	06:00 - 11:00	5.00	DRL	1	DRILLING F/6220' TO 6284' ROP @ 13/HR. LOSSES @ 4 TO 6 BBLs./HR MUD WT. 9.4 VIS 52	
	11:00 - 12:00	1.00	RIG	1	LUBRICATE RIG & TOP DRIVE / FUNCTION TOP PIPE RAMS	
	12:00 - 18:00	6.00	DRL	1	DRILLING F/6284' TO 6411' ROP @ 21'/HR LOSSES MINIMIZED TO 4 BBLs./HR.	
	18:00 - 23:00	5.00	DRL	1	DRILLING F/6411' TO 6569' ROP @ 32'/HR. LOSSES @ 6 TO 8 BBLs./HR. W/ SLOWER ROP & 20 TO 40 W/ ROP @ 40 TO 60'/HR.	
	23:00 - 00:00	1.00	SUR	1	SPOT 40 BBLs. LCM FREE MUD IN PIPE & RUN WIRELINE SURVEY (INCL. 9 AZM. 89.1)	
	00:00 - 06:00	6.00	DRL	1	DRILLING F/6569' TO 6745' ROP @ 29'/HR. LOSSES @ 6 TO 8 BBLs./HR W/ SLOWER ROP & 20 TO 40 BBLs./HR W/ ROP @ 40 TO 60'/HR.	
10/2/2007	06:00 - 12:00	6.00	DRL	1	DRILLING F/6745' TO 6942' ROP @ 36'/HR. LOSSES @ 8 TO 10 BBLs./HR. W/ ROP @ 10 TO 20'/HR. LOSSES INCREASE TO 20 TO 40 BBLs./HR. W/ ROP 20 TO 60'/HR.	
	12:00 - 13:00	1.00	RIG	2	LUBRICATE RIG & TOP DRIVE / FUNCTION LOWER PIPE RAMS	
	13:00 - 18:00	5.00	DRL	1	DRILLING F/6942' TO 7110' ROP @ 34'/HR. LOSSES @ 8 TO 10 BBLs./HR W/ ROP @ 10 TO 20'/HR. LOSSES INCREASE TO 20 TO 40 BBLs./HR W/ ROP 20 TO 60'/HR.	
	18:00 - 06:00	12.00	DRL	1	DRILLING F/7110' TO 7412' ROP @ 25'/HR. LOSSES @ 8 TO 10 BBLs./HR W/ ROP @ 10 TO 20'/HR. LOSSES INCREASE TO 20 TO 40 BBLs./HR W/ ROP 20 TO 60'/HR.	
10/3/2007	06:00 - 13:00	7.00	DRL	1	DRILLING F/7412' TO 7601' ROP @ 27'/HR. LOSSES @ 6 TO 10 BBLs./HR W/ ROP @ 10 TO 20'/HR. LOSSES INCREASE 20 TO 40 BBLs./HR. W/ ROP 20 TO 60'/HR.	
	13:00 - 13:30	0.50	CIRC	1	MIX & SPOT LCM FREE MUD @ BIT FOR WIRELINE SURVEY	
	13:30 - 14:30	1.00	SUR	1	RUN WIRELINE SURVEY @ 7520' (INCL. 1.4 ANZI. 83.4)	
	14:30 - 17:30	3.00	DRL	1	DRILLING F/7601' TO 7694' ROP @ 31'/HR. LOSSES @ 6 TO 10 BBLs./HR. W/ ROP @ 10 20'/HR. LOSSES INCREASE 20 TO 40 BBLs./HR. W/ ROP 20 TO 60'/HR.	
	17:30 - 18:00	0.50	RIG	1	RIG SERVICE LUBRICATE RIG & TOP DRIVE	
	18:00 - 06:00	12.00	DRL	1	DRILLING F/7694' TO 7925' ROP @ 19'/HR. LOSSES @ 4 TO 6 BBLs./HR	

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Location: 5-8-S 23-E 26			Rig Release:			
Rig Name: ENSIGN			Rig Number: 24			
Date	From - To	Hours	Code	Sub Code	Description of Operations	
10/4/2007	06:00 - 11:00	5.00	DRL	1	DRILLING F/7925' TO 8072' ROP @ 29/HR. NO HOLE LOSSES	
	11:00 - 12:00	1.00	RIG	1	RIG SERVICE /LUBRICATE RIG & TOP DRIVE	
	12:00 - 18:00	6.00	DRL	1	DRILLING F/8072' TO 8166' ROP @ 16/HR.	
	18:00 - 19:30	1.50	DRL	1	DRILLING F/8166' TO 8185' ROP @ 13/HR. NO HOLE LOSSES	
	19:30 - 20:00	0.50	SUR	1	DROP SURVEY (SURVEY DEPTH 8135' INCL 1.7 AZI. 88.30) & PUMP PILL	
	20:00 - 00:30	4.50	TRP	2	TRIP OUT OF HOLE TO THE SHOE (RESTRICTIONS @ 3365' TO 3021')	
	00:30 - 01:00	0.50	RIG	2	WORK ON CHANGING OUT #3 MOTOR CLUTCH	
	01:00 - 02:00	1.00	TRP	2	TRIP OUT OF HOLE W/BHA	
	02:00 - 02:30	0.50	TRP	2	CHANGE OUT THE MUD MOTOR & BIT	
	02:30 - 03:30	1.00	TRP	2	TRIP IN THE HOLE TO THE SHOE (1100')	
	03:30 - 04:00	0.50	RIG	2	FINISH REPLACING #3 MOTOR CLUTCH	
	04:00 - 05:00	1.00	RIG	6	CUT & SLIP DRILLING LINE	
	05:00 - 06:00	1.00	TRP	2	TRIP IN HOLE W/NEW BIT & MOTOR	
10/5/2007	06:00 - 08:30	2.50	TRP	2	TRIPPING IN THE HOLE / FILL PIPE EVERY 33 STDS. HOLE RESTRICTIONS @ 4730'	
	08:30 - 09:00	0.50	REAM	1	WASH & REAM F/8000' TO 8185' (6' OF FILL ON BOTTOM)	
	09:00 - 12:00	3.00	DRL	1	DRILLING F/8185' TO 8259' ROP @ 25/HR. LOSSES @ 10 TO 15 BBL/HR	
10/6/2007	12:00 - 13:00	1.00	RIG	1	RIG SERVICE LUBRICATE RIG & TOP DRIVE	
	13:00 - 18:00	5.00	DRL	1	DRILLING F/8259' TO 8448' ROP @ 38/HR. NO LOSSES	
	18:00 - 06:00	12.00	DRL	1	DRILL F/8448' TO 8675' ROP @ 19' P/HR. NO LOSSES MUD WT. 9.6 VIS 52	
	06:00 - 14:00	8.00	DRL	1	DRILLING F/8675' TO 8827' ROP @ 19/HR. NO LOSSES MUD WT. 9.8 VIS 50	
	14:00 - 15:00	1.00	RIG	1	RIG SERVICE /LUBRICATE RIG & TOP DRIVE	
	15:00 - 18:00	3.00	DRL	1	DRILLING F/8827' TO 8917' ROP @ 30/HR. NO LOSSES 8769' TOP OF THE MESAVERDE	
	18:00 - 06:00	12.00	DRL	1	DRILLING F/8917' TO 9075' ROP @ 13/HR. NO LOSSES MUD WT. 9.7 VIS. 65	
10/7/2007	06:00 - 11:00	5.00	DRL	1	DRILLING F/9075' TO 9106' ROP @ 6/HR. W/NO LOSSES MUD WT. 9.7 VIS. 52	
	11:00 - 12:00	1.00	RIG	1	RIG SERVICE /LUBRICATE RIG & TOP DRIVE	
	12:00 - 13:30	1.50	DRL	1	DRILLING F/9106' TO 9115' ROP @ 6/HR. W/NO LOSSES	
	13:30 - 18:00	4.50	TRP	10	DROP SERVICE /PUMP PILL & TRIPPING OUT OF HOLE FOR BIT (NO RESTRICTIONS)	
	18:00 - 18:30	0.50	TRP	10	TRIPPING OUT OF HOLE W/BHA / HOLE FILL -8 BBL. F/PROJECTED CALCULATED HOLE FILL	
	18:30 - 19:30	1.00	TRP	10	CHANGE BIT & RETRIEVE SURVEY TOOL SURVEY DEPTH @ 9055' W/A INCL 1.4 AZI. 60.9	
	19:30 - 23:00	3.50	TRP	2	TRIPPING IN HOLE FILLING EVERY 33 STDS. (@ 7162' HOLE SLUFFING IN ON PIPE FILL UP)	
10/8/2007	23:00 - 00:00	1.00	REAM	1	WASH & REAM F/8920' TO 9115' W/HOLE RESTRICTIONS THE LAST 40' / NO HOLE FILL / 30 TO 50 BBL/HR LOSSES / PUMPED LCM SWEEP FOLLOWED W/A NEW SWELL SWEEP	
	00:00 - 06:00	6.00	DRL	1	DRILLING F/9115' TO 9222' ROP @ 18/HR. /NO LOSSES	
	06:00 - 13:00	7.00	DRL	1	DRILLING F/9222' TO 9331' ROP @ 16/HR. NO LOSSES	
	13:00 - 14:00	1.00	CIRC	1	PICK UP & CIRCULATE LCM SWEEP, NEW SWELL SWEEPS DUE TO LOST CIRCULATION / 80+ BBL/HR. LOSSES / SWEEPS HELPED STOP LOSSES	
	14:00 - 18:00	4.00	DRL	1	DRILLING F/9331' TO 9388' ROP @ 14/HR. PUMPING LCM SWEEPS TO STOP 10 TO 20 BBL/HR. LOSSES / NO LOSSES @ 9365' BUILDING VOLUME & LOWERING MUD WT. F/A 9.9 PPG. TO A 9.6 PPG. TO HELP LOSSES	
10/9/2007	18:00 - 06:00	12.00	DRL	1	DRILLING F/9388' TO 9560' W/ROP @ 14/HR. W/NO LOSSES / MUD WT. 9.7 VIS. 48	
	06:00 - 14:00	8.00	DRL	1	DRILLING F/9560' TO 9689' ROP @ 14/HR. W/NO LOSSES MUD WT. 9.8 VIS 58	
	14:00 - 15:00	1.00	RIG	1	SERVICE RIG /LUBRICATE TOP DRIVE	
	15:00 - 18:00	3.00	DRL	1	DRILLING F/9689' TO 9733' 21/HR. W/NO LOSSES	
	18:00 - 06:00	12.00	DRL	1	DRILLING F/9733' TO 9870' W/ROP @ 11/HR. W/NO LOSSES MUD WT. 9.7 VIS. 55	

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Location: 5-8-S 23-E 26			Rig Release:			
Rig Name: ENSIGN			Rig Number: 24			
Date	From - To	Hours	Code	Sub Code	Description of Operations	
10/10/2007	06:00 - 18:00	12.00	DRL	1	DRILLING F/ 9870 TO 9985' ROP @ 10'/HR. W/LOSSES @ 9955'(80 BBLs./HR.) MUD WT. 9.6 VIS. 60	
	18:00 - 23:00	5.00	DRL	1	DRILLING F/ 9985' TO 10,050'	
	23:00 - 00:00	1.00	CIRC	2	LOST RETURNS & PUMP TWO 100 BBLs LCM PILLS AND REGAIN RETURNS LOST TOTAL 160 BBLs MUD	
	00:00 - 06:00	6.00	DRL	1	DRILL F/ 10,050' TO 10,130' ROP @ 13.5' P/HR MUD WT 9.6 VIS 58 W/ NO LOSSES	
10/11/2007	06:00 - 09:00	3.00	TRP	10	CIRC. FOR TRIP & PUMP PILL & DROP SURVEY & TRIP OUT HIT TIGHT SPOT @ 9845	
	09:00 - 14:00	5.00	REAM	1	BACK REAM TIGHT HOLE FROM 9845 TO 9400	
	14:00 - 16:30	2.50	TRP	10	FINISH TRIP OUT & HIT TIGHT SPOT FROM 3450	
	16:30 - 17:00	0.50	REAM	1	BACK REAM TIGHT HOLE FROM 3450 TO 3000	
	17:00 - 19:30	2.50	TRP	10	FINISH TRIP OUT & CHANGE OUT MUD MOTOR & BIT @ LOST 40.5 BBLs OVER CAL. ON TRIP & FUNCTION BLIND RAMS	
	19:30 - 21:30	2.00	OTH		CHANGE OUT SAVER SUB & GRABBER DIES & WORK ON TOP DRIVE WHILE WAITING ON BIT BREAKER	
	21:30 - 23:30	2.00	TRP	10	MAKE UP BIT & TRIP IN FILL EVERY TWO ROWS - CHANGE OUT CORR.RING TAG TIGHT SOT @ 2600	
10/12/2007	23:30 - 00:30	1.00	LOC	7	TRANSFER MUD & BUILD VOLUME & UNPLUG EQUALIZERS IN MUD TANKS	
	00:30 - 06:00	5.50	REAM	1	WASH & REAM FROM 2600 TO 3275	
	06:00 - 11:30	5.50	REAM	1	TRIPPING IN THE HOLE WASHING & REAMING TIGHT SPOTS	
10/13/2007	11:30 - 16:00	4.50	REAM	1	REAMING FROM 8638 TO 10,126 HAD 45' FILL	
	16:00 - 06:00	14.00	DRL	1	DRILL FROM 10,126 TO 10,185	
10/14/2007	06:00 - 11:00	5.00	DRL	1	DRILL FROM 10,185 TO 10,239	
	11:00 - 16:30	5.50	CIRC	2	CIRC. & CONDITION MUD LOST 1/2 RETURNS @ 10235 & MIX & PUMP LCM SWEEP 20% & LOST FULL RETURNS @ 10238, REDUCE STROKES 60 & PUMPED 4) 50 bbl SWEEPS 20 NEW STEEL & 1 POLLY SWELL & REGAIN FULL RETURNS, SHAKERS STILL BYPASSED & MANTAIN 15% LCM APPROX. LOSSES 1000 BBLs	
10/14/2007	16:30 - 06:00	13.50	DRL	1	DRILL FROM 10,239 TO 10361 - LOSSES APPROX. 8 BBLs HR.	
	06:00 - 14:00	8.00	DRL	1	DRILL FROM 10,361 TO 10,416 (ROP 6.9' HR) WORKING ALL DIFFERENT PERAMETERS TO GET TO DRILL/	
	14:00 - 15:00	1.00	RIG	1	CIRCULATE, BUILD TRIP PILL AND DO A RIG SERVICE	
	15:00 - 15:30	0.50	SUR	1	DROP SURVEY @ 10,351	
	15:30 - 21:30	6.00	TRP	10	TRIP OUT FOR NEW BIT 22 BBLs OVER CALC. FILL	
	21:30 - 22:00	0.50	TRP	1	BREAK BIT, LAY DOWN MUD MOTOR, PICK UP NEW	
	22:00 - 22:30	0.50	TRP	10	TRIP IN HOLE BHA TO SHOE	
	22:30 - 00:00	1.50	RIG	6	CUT AND SLIP DRILLING LINE	
	00:00 - 00:30	0.50	TRP	10	TRIP TO 2800' TIGHT HOLE	
	00:30 - 06:00	5.50	REAM	1	WASHING AND REAMING TO BOTTOM TIGHT FROM 2800-2820, 4675-4690, 4872-4895, 5190-5210, 5321-5380,	
10/15/2007	06:00 - 09:30	3.50	REAM	1	WASH TO BOTTOM FROM 5600 TO 7800	
	09:30 - 11:00	1.50	CIRC	1	BUILD VOLUME (PREMIX 400 BBL AND 175 BBL TANK)	
	11:00 - 15:30	4.50	REAM	1	WASH TO BOTTOM FROM 7800 TO 9930	
	15:30 - 18:00	2.50	CIRC	1	BUILD VOLUME (PREMIX 400BBL AND 175 BBL TANK)	
	18:00 - 19:00	1.00	REAM	1	WASH AND REAM TO BOTTOM FROM 9930 TO 10, 416 (PUMP POLY SWEEPS TO GAIN FULL RETURNS	
	19:00 - 21:30	2.50	DRL	1	DRILL FROM 10, 416 TO 10,455 (ROP 15.6' HR) WOB 10, DHRPM 105, MW 10.0 PPG, VIS 66, BG GAS UNITS 61	
10/16/2007	21:30 - 22:00	0.50	OTH		CHANGE ROLLER ON AUTO-DRILLER	
	22:00 - 06:00	8.00	DRL	1	DRILL FROM 10,455 TO 10,570 (ROP 14.4' HR) WOB 10-15, DHRPM 105, MW 10.0 PPG, VIS 63, BG GAS 122 UNITS	
10/16/2007	06:00 - 17:00	11.00	DRL	1	DRILL FROM 10,570 TO 10,705 (ROP 12.2' HR)	

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Well Name: WRU EIH 6D-5-8-23			Spud Date: 9/5/2007			
Location: 5-8-S 23-E 26			Rig Release:			
Rig Name: ENSIGN			Rig Number: 24			
Date	From - To	Hours	Code	Sub Code	Description of Operations	
10/16/2007	17:00 - 18:00	1.00	RIG	1	RIG SERVICE	
	18:00 - 06:00	12.00	DRL	1	DRILL FROM 10,705 TO 10,800 (ROP 7.9' HR)WORK ALL DIFFERNT PERAMETERS TO GET TO DRILL	
10/17/2007	06:00 - 06:30	0.50	DRL	1	DRILL FROM 10,799 TO 10,806 WORKING PERAMETERS TO DRILL/ NO GO	
	06:30 - 07:30	1.00	CIRC	1	CIRCULATE BOTTOMS UP AND BUILD TRIP SLUG TO CHANGE BIT	
	07:30 - 08:00	0.50	SUR	1	DROP SURVEY TOOL/ SURVEY 1 DEG/ 314.6 AZ	
	08:00 - 13:00	5.00	TRP	10	TRIP OUT OF HOLE TIGHT @ 10,580 TO 10, 570' 10,510 TO 10,505/ 3612 TO 3600	
	13:00 - 14:00	1.00	TRP	1	HANDLE BHA CHANGE BIT, MOTOR AND JARS	
	14:00 - 14:30	0.50	OTH		WORK ON TOP DRIVE HOSE, BROKEN HOSE ON GRABBER	
	14:30 - 20:00	5.50	TRP	10	TRIP IN HOLE FILLING @ BHA, AND EVERY 3 ROWS	
10/18/2007	20:00 - 21:00	1.00	REAM	1	SAFETY WASH AND REAM TO FROM 10,420 TO 10,806 (NO FILL) HOLES IN GREAT SHAPE	
	21:00 - 06:00	9.00	DRL	1	DRILL FROM 10,806 TO 10,985 WOB 10, DHRPM 112, MW 10.0, VIS 53, B-GAS 147 UNITS	
10/19/2007	06:00 - 06:00	24.00	DRL	1	DRILL FROM 10,985 TO 11,260 (WOB 10-20, ROT 50, DHRPM 112, MW 10 PPG, VIS 54, LCM 12%, BACK GROUND GAS 25 UNITS, STARTED LOSSING 23 BBL A HOUR @ 11,210, BEEN PUMPING 25% LCM SWEEPS AND 1 POLY SWELL SWEEP- BRINGING ACTIVE BACK UP TO 15%	
	06:00 - 10:00	4.00	DRL	1	DRILL FROM 11,260 TO 11,284	
	10:00 - 11:00	1.00	CIRC	1	CIRCULATE BOTTOMS UP AND BUILD TRIP SLUG	
	11:00 - 11:30	0.50	SUR	1	DROPPED SURVEY AND PUMP TRIP SLUG	
	11:30 - 18:00	6.50	TRP	10	TRIP OUT OF HOLE FOR BIT	
	18:00 - 19:00	1.00	RIG	1	RIG SERVICE (TOP DRIVE, DRAWWORKS, COMPOUND)	
	19:00 - 19:30	0.50	OTH		CHANGE OUT SAVER SUB ON TOP DRIVE	
	19:30 - 20:30	1.00	TRP	1	LAY DOWN MONEL AND IBSS AND PICK UP UBHO, 2-X-OVERS, LOGGING TOOL	
	20:30 - 03:00	6.50	TRP	10	TRIP IN HOLE, FILL AT BHA AND EVERY 3 ROWS	
	03:00 - 04:00	1.00	CIRC	2	TAGGED BRIDGE @ 10,847/ WASH AND REAM THRU AND PUMP LCM SWEEP ONTO BACK SIDE TO HEAL UP LOSSES	
10/20/2007	04:00 - 05:00	1.00	REAM	1	SAFETY WASH AND REAM 10, 890 TO 11,284 HAD 15 FT OF HOLE FILL	
	05:00 - 06:00	1.00	OTH		FAN BOTTOM SO IF THERE IS ANY JUNK ON BOTTOM FROM LAST BIT, WHILE STAGING UP PUMPS / PUMPING 25% LCM SWEEP TO CONTROL HOLE SEEPAGE -LOOSING 50 HOLE CURRENTLY	
10/20/2007	06:00 - 06:30	0.50	CIRC	1	CIRCULATE AND FAN BOTTOM OF HOLE WHILE STAGGING UP STROKES, BUILD VOLUME IN PRE MIX	
	06:30 - 12:30	6.00	DRL	1	DRILLING 11,284 TO 11,331 (ROP 7.8' HR)HOLE SEEPING @ 4-5 BBLs HR, WOB 15-18, RPM 50, DHRPM 115, B/G GAS 2064, MW 10.0+, VIS 47	
	12:30 - 13:30	1.00	RIG	1	SERVICE RIG AND TOP DRIVE	
	13:30 - 18:00	4.50	DRL	1	DRILL FROM 11,331 TO 11,370 (ROP 8.6' HR)HOLE SEEPING 4 BBLs HR, WOB 18-20, RPM 40-60, DHRPM 105-125, B/G GAS 1834 HAD A GOOD SHOW OF GAS @ 11,337-11,348 MW 10.0+ VIS 49	
10/21/2007	18:00 - 06:00	12.00	DRL	1	DRILL FROM 11,370 TO 11,425 (ROP 4.5' HR)HOLE SEEPING 4 BBLs HR, WOB 20-28, 40-60, DHRPM 105-125, B/G GAS 3300 MW 10.1VIS 46	
	06:00 - 07:30	1.50	DRL	1	DRILL FROM 11, 425 TO 11,435 (ROP 6.66)	
	07:30 - 09:00	1.50	CIRC	1	CIRCULATE SAMPLE UP BLACK HAWK FORMATION	
	09:00 - 14:30	5.50	OTH		CIRCULATE WHILE WAITING ON LOGGING TRUCK AND PROPER TOOLS (DIDNT HAVE THE CROSS OVER TO WIRE LINE TRUCK-HAD TO GO BACK INTO VERNAL TO PICK UP RIGHT CROSS OVER)- HAD HANDS COME OUT 2 DAYS EARLY TO GET ALL THE TOOLS LINED UP	
	14:30 - 15:00	0.50	TRP	2	TRIP OUT THREE STANDS TO GO SET LOGGING TOOL	
	15:00 - 16:30	1.50	LOG	1	RUN IN LOGGING TOOL AND TRY TO SHEER TOOL DIDNT SHEER-THINKING THAT LCM IS CUSHIONING THE TOOL	

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Operations Summary Report						
Well Name: WRU EIH 6D-5-8-23			Spud Date: 9/5/2007			
Location: 5-8-S 23-E 26			Rig Release:			
Rig Name: ENSIGN			Rig Number: 24			
Date	From - To	Hours	Code	Sub Code	Description of Operations	
10/21/2007	16:30 - 22:00	5.50	TRP	15	TRIP OUT OF HOLE TO PICK UP BIT SUB AND BIT AND INSTALL LOGGING TOOL MANUALLY	
	22:00 - 23:00	1.00	TRP	1	BREAK BIT AND LAY DOWN MOTOR	
	23:00 - 00:00	1.00	LOG	1	INSTALL LOGGING TOOL IN LOGGING COLLAR	
	00:00 - 00:30	0.50	RIG	1	WORK ON DERRICK LIGHTING TO TRIP PIPE/ LIGHTS WENT OUT	
	00:30 - 03:00	2.50	TRP	15	TRIP IN HOLE TO LOGGING POINT FILL AFTER BHA AND EVERY 3 ROWS	
10/22/2007	03:00 - 06:00	3.00	LOG	1	LOG WITH DRILL PIPE RUNNING 1 1/2 MIN A JOINT TRIPPING INTO HOLE	
	06:00 - 18:30	12.50	LOG	1	RUN OPEN HOLE LOGS WITH DRILL STRING (TRIP IN 1 1/2 MIN A JOINT)	
	18:30 - 19:00	0.50	REAM	1	WASH TO BOTTOM LAST STAND	
	19:00 - 21:30	2.50	CIRC	1	CIRCULATE BOTTOMS UP GAS UNITS PEAKED @ 3881	
	21:30 - 22:30	1.00	TRP	3	RIG UP LAY DOWN TRUCK	
	22:30 - 23:00	0.50	CIRC	1	SPOT 1LB OVER SLUG ON BOTTOM-COVER 1000' OF OPEN HOLE	
	23:00 - 06:00	7.00	TRP	3	LAY DOWN DRILL PIPE PULL DRILL STRING @ 1 1/2 MIN A JOINT FOR OPEN HOLE LOGGING	
10/23/2007	06:00 - 07:30	1.50	LOG	1	LOG WHILE LAYING DOWN DRILL PIPE PULLING 1 1/2 MIN A JOINT TO 4,700'	
	07:30 - 12:00	4.50	TRP	3	LAY DOWN DRILL PIPE AND BHA AND LOGGING TOOL	
	12:00 - 14:00	2.00	CSG	1	RIG UP CASING CREW TO RUN 7" STRING OF CASING (HELD SAFETY MEETING)	
	14:00 - 01:00	11.00	CSG	2	RUN 7" CASING --53 JTS OF 29'(SPECIAL DRIFT), 197 JTS OF 26#, HCP-110, RAN 2 FLOAT JOINTS.	
	01:00 - 02:00	1.00	CSG	1	RIG DOWN CASING CREW/ WHILE TRYING TO REGAIN CIRCULATION	
	02:00 - 03:00	1.00	OTH		RIG UP HALLIBURTOB ONTO A-SECTION TO CIRCULATE WITH RIG PUMP/ COULDN'T CIRCULATE THRU CHOKE LINE (ENDED UP TO BE A PLUGGED CHOKE WITH LCM)	
	03:00 - 03:30	0.50	CSG	4	LAND HANGER LINER	
10/24/2007	03:30 - 06:00	2.50	CIRC	1	CIRCULATE BOTTOMS UP AND BUILD MUD VOLUME/	
	06:00 - 08:30	2.50	CIRC	1	CIRCULATE AROUND 10.1 PPG AND SHAKE OUT LCM IN SYSTEM	
	08:30 - 11:30	3.00	OTH		UNSCREW AND PULL LANDING, RUN IN PACK OFF ASSEMBLY & PACK OFF TEST TO 5000 PSI FOR 10 MIN. RUN IN AND SET CEMENT ISOLATION TOOL	
	11:30 - 13:00	1.50	CMT	1	RIG UP HALLIBURTON (HELD SAFETY MEETING)	
	13:00 - 18:00	5.00	CMT	2	CEMENT 7" CASING INTO PLACE, BUMPED PLUG, CEMENT ISOLATION TOOL CAME FREE AND MOVED CASING TOOL 9' UP OUT OF HOLE, BLOCKS WENT UP SIDE DOWN	
10/25/2007	18:00 - 20:30	2.50	OTH		COME UP WITH PLAN TO LAY DOWN EQUIPMENT AND TURN BLOCKS BACK UP RIGHT	
	20:30 - 00:30	4.00	OTH		LAY DOWN CASING EQUIPMENT ELEVATORS, BAILS AND TURN BLOCK UP RIGHT	
	00:30 - 06:00	5.50	OTH		DO LOAD PATH INSPECTION ON TOP DRIVE AND INSPECT SWIVEL AND BLOCKS	
	06:00 - 07:30	1.50	OTH		INSPECT SWIVEL, BLOCKS,	
	07:30 - 10:30	3.00	OTH		PUT TOP DRIVE BACK TOGETHER AFTER INSPECTING THE TRAVELING ASSEMBLY	
	10:30 - 13:30	3.00	OTH		PULL ROTATING HEAD OFF AND PREPARE TO PICK BOPE AND SET DOWN SAME, WELL BOWL CHECKED OUT GOOD FOR BOWL DEPTH, BUT NEEDED TO PULL PINS AND REPLACED	
	13:30 - 17:00	3.50	OTH		RIG DOWN QUICK TEST WINCHES & NIPPLE UP STACK TO WELL HEAD	
	17:00 - 18:00	1.00	LOG	2	PREPARE RIG TO RIG UP LOGGERS, ELEVATORS, MOUSE HOLE INSERT, & CLEAR V-DOOR.	
	18:00 - 19:00	1.00	LOG	2	SAFETY MEETING W/ SCHLUMBERGER LOGGING, & RIG UP LOGGERS	
	19:00 - 00:30	5.50	LOG	2	RUN IN THE HOLE W/ VDL LOG W/ A GAMMA RAY LOG & A CCL LOG / TOP CEMENT IS FOUND TO BE @ 5150' ON THE 7" CSG. RIG DOWN LOGGERS	
00:30 - 02:00	1.50	OTH		INSTALL ROTATING HEAD ASSEMBLY & FUNCTION TEST BOP'S PREP FOR BOP TEST		

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Operations Summary Report						
Well Name: WRU EIH 6D-5-8-23			Spud Date: 9/5/2007			
Location: 5-8-S 23-E 26			Rig Release:			
Rig Name: ENSIGN			Rig Number: 24			
Date	From - To	Hours	Code	Sub Code	Description of Operations	
10/26/2007	02:00 - 06:00	4.00	BOP	2	HELD SAFETY MEETING W/B&C QUICK TEST TO TEST BOPS & RIG UP TESTER & TEST BOTH SETS OF PIPE RAMS, BLIND RAMS, HCR, CHOKE VALVES, & FLOOR VALVES 250 PSI LOW 10,000 HIGH FOR 10 MIN. EACH TEST. ANNULAR 250 LOW 5000 HIGH FOR 10 MIN EACH TEST.	
10/26/2007	06:00 - 10:00	4.00	BOP	2	FINISH TESTING BOPS BLIND RAMS, ANULAR, KOOMY, & CSG. TEST (1500 PSI FOR 30 MIN.) RIG DOWN TESTER.	
	10:00 - 12:00	2.00	OTH		FINISH RIGGING UP FLOW LINE, KELLY HOSE, & TURN BUCKLES ON BOPS	
	12:00 - 13:00	1.00	RIG	1	RIG SERVICE, LUBRICATE RIG TOP DRIVE, CHANGE DIES ON GRABBER	
	13:00 - 16:00	3.00	CMT	2	RIG UP HALLIBURTON TO PREFORM TOP JOB (PUMP SPACER @ 2 BBL/MIN 10 BBLs. W/ 109 PSI, PUMP LEAD CEMENT @ 2.1 BBL/MIN 81 BBLs. W/ 68 PSI., PUMP TAIL CEMENT @ 2.7 BBL/MIN 55 BBLs. W/ 37 PSI., PUMP DISPLACEMENT @ 2.7 BBL/MIN. 5 BBLs. W/ 20 PSI.) RIG DOWN CEMENTERS	
	16:00 - 16:30	0.50	OTH		INSTALL ROTATING HEAD BEARING ASSEMBLY	
	16:30 - 18:00	1.50	TRP	1	RIG UP FRANKS LAY DOWN MACHINE TO PICK UP BHA & 4" DRILL STRING	
	18:00 - 19:00	1.00	OTH		INSTALL WEAR RING	
	19:00 - 02:30	7.50	TRP	1	SAFETY MEETING W/FRANKS & PICK UP 6 1/8 BHA & 4" DRILL STRING	
	02:30 - 03:00	0.50	TRP	2	FILL PIPE W/BHA & 20 STDS. DRILL PIPE IN HOLE. PRESSURED UP TO 1600 PSI. W/ OBSTRUCTIONS IN DRILL STRING.	
	03:00 - 06:00	3.00	TRP	2	TRIP OUT OF HOLE DO TO PLUGGED PIPE @ FIRST PIPE FILL UP POINT (20 STDS. DRILL PIPE IN HOLE)	
10/27/2007	06:00 - 06:30	0.50	TRP	2	TRIP OUT OF HOLE FOR RESTRICTION IN DRILL STRING	
	06:30 - 08:30	2.00	TRP	1	L/D MJD MOTOR DO TO LCM RESTRICTION & L/D MONEL FOR THREAD DAMAGE	
	08:30 - 09:30	1.00	TRP	1	PICK UP NEW MOTOR & MONEL, SURFACE TEST MJD MOTOR	
	09:30 - 12:00	2.50	TRP	2	TRIP IN HOLE W/DRILL STRING & FILL PIPE	
	12:00 - 12:30	0.50	OTH		RIG UP FRANKS L/D MACHINE	
	12:30 - 18:00	5.50	TRP	2	PICK UP PIPE W/FRANKS TRIPING IN HOLE	
	18:00 - 23:00	5.00	TRP	2	PICKING UP 4" DP W/FRANKS-TRIPING IN HOLE (TAGED UP @ 11326')	
	23:00 - 23:30	0.50	RIG	2	REPAIR GRIPER HOSES ON TOP DRIVE	
	23:30 - 00:00	0.50	TRP	2	MAKE UP TOP DRIVE & INSTALL ROTATING RUBBER	
	00:00 - 01:00	1.00	CSG	1	RIG DOWN FRANKS L/D MACHINE	
	01:00 - 02:30	1.50	DRL	4	DRILLING FLOAT, CEMENT, & SHOE @ 11416'	
	02:30 - 04:30	2.00	DRL	1	DRILLING NEW FORMATION F/ 11435' TO 11450'	
	04:30 - 06:00	1.50	CIRC	1	CIRCULATE & CONDITION MUD FOR FIT	
10/28/2007	06:00 - 07:00	1.00	CIRC	1	CIRCULATE & CONDITION FOR FIT	
	07:00 - 08:00	1.00	EQT	2	FIT W/ 3450 PSI, 9.7 PPG. MJD WT. FOR A 15.5 PPG. EQUIVLANT	
	08:00 - 14:30	6.50	DRL	1	DRILLING F/ 11450' TO 11552' W/ROP @ 16'/HR. / 9.8 MUD WT. 47 VIS	
	14:30 - 15:30	1.00	RIG	1	LUBRICATE RIG & TOP DRIVE & FUNCTION TOP PIPE RAMS	
	15:30 - 18:00	2.50	DRL	1	DRILLING F/ 11552' TO 11649' W/ROP @ 39'/HR. / 9.8 MUD WT. 64 VIS	
	18:00 - 06:00	12.00	DRL	1	DRILLING F/ 11649' TO 11939' W/ROP @ 24'/HR. 9.9 MUD WT. 58 VIS & NO LOSSES FOR THE LAST 24 HRS.	
10/29/2007	06:00 - 11:00	5.00	DRL	1	DRILLING F/ 11939' TO 12134' W/ A ROP OF 39'/HR. / MUD WT. 10.0 VIS 54 / NO LOSSES	
	11:00 - 12:00	1.00	RIG	1	RIG SERVICE / LUBRICATE RIG & TOP DRIVE / FUNCTION LOWER PIPE RAMS	
	12:00 - 18:00	6.00	DRL	1	DRILLING F/ 12134' TO 12393' W/ A ROP OF 43'/HR. / MUD WT. 10.0 VIS 55 / NO LOSSES	
	18:00 - 06:00	12.00	DRL	1	DRILLING F/ 12393' TO 12853' W/ ROP OF 20'/HR. / MUD WT. 10.2 VIS 57 / NO LOSSES	
10/30/2007	06:00 - 12:30	6.50	DRL	1	DRILLING F/ 12853' TO 12912' W/ A ROP OF 40'/HR. / MUD WT. 10.5 VIS 58 W/ NO LOSSES	
	12:30 - 13:30	1.00	RIG	1	RIG SERVICE / LUBRICATE RIG & TOP DRIVE / FUNNCTION ANNULAR	
	13:30 - 18:00	4.50	DRL	1	DRILLING F/ 12912' TO 13074' W/ A ROP OF 36'/HR. / MUD WT. 10.5 VIS 64 W/	

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Operations Summary Report						
Well Name: WRU EIH 6D-5-8-23			Spud Date: 9/5/2007			
Location: 5-8-S 23-E 26			Rig Release:			
Rig Name: ENSIGN			Rig Number: 24			
Date	From - To	Hours	Code	Sub Code	Description of Operations	
10/30/2007	13:30 - 18:00	4.50	DRL	1	NO LOSSES	
	18:00 - 06:00	12.00	DRL	1	DRILLING F/ 13074' TO 13496' W/A ROP OF 35'/HR. / MUD WT. 10.6 VIS 57 W/ NO LOSSES	
10/31/2007	06:00 - 09:00	3.00	DRL	1	DRILLING F/ 13685' TO 13496' W/A ROP OF 30'/HR. / MUD WT. 10.6 VIS 55 W/ NO LOSSES	
	09:00 - 10:00	1.00	RIG	1	RIG SERVICE / LUBRICATE RIG & TOP DRIVE	
	10:00 - 18:00	8.00	DRL	1	DRILLING F/ 13496' TO 13876' W/A ROP OF 36'/HR. / MUD WT. 10.9 VIS 66 W/ NO LOSSES	
11/1/2007	18:00 - 06:00	12.00	DRL	1	DRILLING F/ 13876' TO 14298' W/A ROP OF 35'/HR. / MUD WT. 11.5 VIS 54 W/ NO LOSSES / DRILLING THROUGH GAS BUSTER DO TO BACKGROUND GAS COMING UP TO 5850' @ 13880' / DRILLING FLARE OF 5' / MUD WT. IS BE BROUGHT UP TO KILL FLARE.	
	06:00 - 18:00	12.00	DRL	1	DRILLING F/ 14298' TO 14673' W/A ROP OF 31'/HR. / MUD WT. 12.0 VIS. 55 W/ NO LOSSES / 10 TO 20' FLARE / RAISING MUD WT. TO CONTROL GAS	
11/2/2007	18:00 - 06:00	12.00	DRL	1	DRILLING F/ 14673' TO 14935' W/A ROP OF 22'/HR. / MUD WT. 12.3 VIS 49 W/ NO LOSSES / 5 TO 10' FLARE / RAISING MUD WT. TO CONTROL GAS	
	06:00 - 12:00	6.00	DRL	1	DRILLING F/ 14935' TO 15044' W/A ROP OF 18'/HR. / MUD WT. 12.3 VIS 55' W/ NO LOSSES / 10 TO 20' FLARE / RAISING MUD WT. TO CONTROL GAS	
11/2/2007	12:00 - 13:00	1.00	RIG	1	RIG SERVICE / LUBRICATE RIG & TOP DRIVE	
	13:00 - 18:00	5.00	DRL	1	DRILLING F/ 15044' TO 15206' W/A ROP OF 32'/HR. / MUD WT. 12.6 VIS 59 W/ NO LOSSES / 10 TO 20' FLARE / RAISING MUD WT. TO CONTROL GAS	
	18:00 - 06:00	12.00	DRL	1	DRILLING F/ 15206' TO 15500' W/A ROP OF 25'/HR. / MUD WT. 13.0 VIS 55 W/ NO LOSSES / 10 TO 15' FLARE	
11/3/2007	06:00 - 18:00	12.00	DRL	1	DRILLING F/ 15500' TO 15725' W/A ROP OF 18'/HR. / MUD WT. 13.0 VIS 60 W/ NO LOSSES / 15 TO 20' FLARE / RAISING MUD WT. TO CONTROL GAS	
	18:00 - 06:00	12.00	DRL	1	DRILLING F/ 15725' TO 15985' W/A ROP OF 22'/HR. / MUD WT. 13.7 VIS 55 W/ NO LOSSES / 10 TO 15' FLARE / RAISING MUD WT. TO CONTROL GAS	
11/4/2007	06:00 - 08:00	2.00	DRL	1	DRILLING F/ 15985' TO 16018' W/A ROP OF 17'/HR. / MUD WT. 13.8 VIS 60 W/ NO LOSSES / 10 TO 15' DRILLING FLARE / HOLDING @ CURRENT MUD WT.	
	08:00 - 09:00	1.00	RIG	1	RIG SERVICE / LUBRICATE RIG & TOP DRIVE	
	09:00 - 18:00	9.00	DRL	1	DRILLING F/ 16018' TO 16180' W/A ROP OF 18'/HR. / MUD WT. 13.8 VIS 65 W/ NO LOSSES / 10 TO 15' FLARE / HOLDING W/A 13.8 PPG.	
11/5/2007	18:00 - 21:30	3.50	DRL	1	DRILLING F/ 16180' TO 16235' W/A ROP OF 16'/HR. / MUD WT. 13.8 VIS 54 W/ NO LOSSES / 10 TO 15' FLARE / HOLDING @ A CURRENT MUD WT.	
	21:30 - 23:30	2.00	RIG	2	CHANGE SWIVEL PACKING / THE SPARE SWIVEL PACKING HAD DAMAGED THREADS & WOULD NOT WORK / USED THE OLD ONE W/ NEW WASH PIPE & PACKING	
	23:30 - 06:00	6.50	DRL	1	DRILLING F/ 16270' TO 16315' W/A ROP OF 7'/HR. / MUD WT. 13.8 VIS 56 W/ NO LOSSES / 5 TO 10' FLARE / HOLDING @ CURRENT MUD WT. / CHANGE TO DAYLIGHT SAVINGS TIME 1 HR.	
	06:00 - 08:00	2.00	DRL	1	DRILLING F/ 16315' TO 16331' W/A ROP OF 8'/HR. / MUD WT. 13.8 W/ NO LOSSES / 5 TO 10' FLARE	
11/5/2007	08:00 - 09:00	1.00	CIRC	1	PUMP & SPOT 1.5 PPG. 82 BBL. PILL ON BOTTOM / PUMP SLUG	
	09:00 - 09:30	0.50	SUR	1	DROP SURVEY - SURVEY DEPTH 16272'	
	09:30 - 11:00	1.50	TRP	10	TRIP OUT OF THE HOLE F/ 16331' TO 14600' / TRIP OUT W/ WET PIPE / STRAPPING PIPE COMING OUT	
	11:00 - 12:00	1.00	OTH		REMOVE MASTER BUSHINGS FROM DRILL STRING / SLIPS NEEDED TO BE KEPT WELL DOPED	
	12:00 - 12:30	0.50	TRP	10	TRIP OUT OF HOLE F/ 14600' TO 13500'	
	12:30 - 13:00	0.50	CIRC	1	PUMP SECOND SLUG ABOVE HEAVY PILL THAT WAS SPOTTED	
	13:00 - 15:00	2.00	TRP	10	TRIPPING OUT OF HOLE F/ 13500' TO 11416' - CSG SHOE / TIGHT HOLE F/ 11435' TO 11416'	
15:00 - 16:00	1.00	RIG	6	CUT & SLIP DRILL LINE		

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Operations Summary Report						
Well Name: WRU EIH 6D-5-8-23			Spud Date: 9/5/2007			
Location: 5-8-S 23-E 26			Rig Release:			
Rig Name: ENSIGN			Rig Number: 24			
Date	From -To	Hours	Code	Sub Code	Description of Operations	
11/5/2007	16:00 - 18:00	2.00	TRP	10	TRIP OUT OF HOLE F/11416' TO 9110' / PULLING WET PIPE	
	18:00 - 23:00	5.00	TRP	10	TRIPPING OUT OF HOLE F/9110' TO SURFACE / BREAK OUT BIT & LAY DOWN MUD MOTOR / CLEAN RIG FLOOR / HOLE FILL WAS 20 BBLs. OVER PREJECTED	
	23:00 - 01:30	2.50	TRP	1	PICK BIT #12, NEW MUD MOTOR, SURFACE TEST MUD MOTOR, TRIP IN HOLE W/BHA CHANGE OUT DRILLING JARS	
11/6/2007	01:30 - 06:00	4.50	TRP	2	TRIPPING IN HOLE W/DRILL STRING FILLING PIPE EVERY 33 STDS.	
	06:00 - 09:00	3.00	TRP	2	TRIPPING IN THE HOLE FILLING EVERY 33 STDS.	
	09:00 - 10:00	1.00	TRP	2	INSTALL ROTATING HEAD @ SHOE 11416'	
	10:00 - 11:00	1.00	REAM	1	SAFETY REAMING THROUGH SHOE / REAMED W/ 5 - 10 BIT WT.	
	11:00 - 13:00	2.00	TRP	2	TRIPPING IN HOLE F/11435' TO 16115' / FILLING EVERY 33 STD.	
	13:00 - 14:30	1.50	REAM	1	SAFETY REAMING F/16115' TO 16331'	
	14:30 - 16:30	2.00	CIRC	1	CIRCULATE BOTTOMS UP W/ WELL SHUT IN / MUD WT. 13.8 VIS. 51 / NO LOSSES	
	16:30 - 18:00	1.50	DRL	1	DRILLING F/ 16331' TO 16340' BREAKING BIT IN / ROP OF 6/HR. / MUD WT. 13.8 VIS 48 / NO LOSSES	
	18:00 - 19:00	1.00	DRL	1	DRILLING F/ 16340' TO 16354' W/ ROP OF 14/HR. / MUD WT. 13.8 VIS 48 W/ NO LOSSES	
	19:00 - 22:00	3.00	CIRC	2	WHILE DRILLING LOST TOTAL CIRCULATION 60+ BLS./HR. / BUILD & SPOT LCM PILL ON BOTTOM	
11/7/2007	22:00 - 22:30	0.50	TRP	2	TRIP OUT 5 STDS. TO LET SPOTTED SOAK	
	22:30 - 06:00	7.50	CIRC	1	CIRCULATE & CONDITION MUD / PUMP 100 BBLs. F/PRE-MIX TO TANK 8 & BUILD LCM SWEEP / PUMP 200 BBLs. F/PRE-MIX TO ACTIVE SYSTEM TO BUILD VOLUME / 200 BBLs. DELIVERED F/UNIT RIG 111 TO BE PLACED IN PRE-MIX & WIEGHTED UP TO A. 13.5 PPG., BROUGHT LCM UP TO 12 TO 14% LCM IN PRE-MIX / STAGED STROKES UP TO 80 STKS./MIN & SEEN 20 BBL./HR. LOSSES	
11/7/2007	06:00 - 09:30	3.50	CIRC	2	CIRCULATE & CONDITION BUILD VOLUME / WEIGHT UP PRE-MIX TANK F/ 11PPG. TO 13.6 BEFORE ATTEMPTING TO GO TO BOTTOM / DROP MUD WT F/ 13.8 TO 13.6	
	09:30 - 10:00	0.50	TRP	2	TRIP BACK IN 5 STDS. MAKE UP TOP DRIVE & BREAK CIRCULATION W/ 65 STKS. 1550 PSI W/NO LOSSES	
	10:00 - 11:00	1.00	CIRC	1	STAGED PUMP UP F/ 65 TO 90 & PSI 2360 W/NO LOSSES 6' OFF BOTTOM	
	11:00 - 20:30	9.50	DRL	1	DRILLING F/16354' TO 16415' W/ MUD WT. 13.8 VIS 45 W/ NO LOSSES / ROP @ 6/HR. THE LAST 3 HRS. DRILLED 3' INCREASED & DECREASED BIT WIEGHT TO ATTEMPT TO INCREASE ROP	
	20:30 - 21:30	1.00	CIRC	1	CIRCULATE & CONDITION BUILDING SPOTTED PILL & SLUG TO TRIP OUT OF HOLE	
	21:30 - 05:00	7.50	CIRC	1	CIRCULATE & CONDITION MUD DUE TO MUD WT. DECREASE F/ GAS CUT MUD 13.3 GOING IN 12.6 COMING OUT	
	05:00 - 06:00	1.00	CIRC	1	CIRCULATE & CONDITION MUD FINISH BUILDING PILL 60 BBLs. 1.5 PPG. & 40 BBLs. 2.5 PPG OVER 13.6	

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Operations Summary Report

Well Name: WRU EIH 6D-5-8-23 Spud Date: 9/5/2007
 Location: 5-8-S 23-E 26 Rig Release: 11/22/2007
 Rig Name: ENSIGN Rig Number: 24

Date	From - To	Hours	Code	Sub Code	Description of Operations
9/6/2007	19:30 - 18:30	23.00	DRL	1	DRILL FROM 40'-1150
	18:30 - 22:30	4.00	CSG	2	RUN 10 3/4 CASING
9/14/2007	06:00 - 13:30	7.50	OTH		SNUB OUT DOUBLE GATE & SINGLE GATE TO CASPER FOR REPAIRS & INSTALL NIGHT CAP, RIG DOWN CHOKE HOUSE LINES AND BAR HOPPER LINES
	13:30 - 18:00	4.50	LOC	4	RIG DOWN ROTARY TOOLS & BRIDLE UP TO LAY OVER DERRICK
	18:00 - 06:00	12.00			RIG DOWN MUD TANKS, PULL CORDS ON EQUIPMENT, FUEL LINES, FLARE LINES, (READY DERRICK TO LAY OVER)
9/15/2007	06:00 - 19:00	13.00	LOC	4	RECEIVED TRUCKS @ 8:00 AM AND MOVED OUT BACK YARD, LAY DERRICK OVER 9:00 AM, (LOAD OUT BACK YARD, MOTOR PACKAGE, DOG HOUSES, DRAW-TOOL, DERRICK OFF FLOOR 100% RIGGED DOWN, 75% OFF LOCATION, 10% ON NEW LOCATION, MOVED MAN CAMPS AND RIGGED UP ON NEW LOCATION,
					WAIT ON DAY LIGHTS
9/16/2007	19:00 - 06:00	11.00	OTH		SPLIT SUBS, PICK UP MATS, AND PLACE MATS ON NEW LOCATION AND CENTER SUB OVER HOLE, AND SET 2 MUD TANKS, AND MOTOR PACKAGE, DRAW TOOL (HAVE 5 % ON OLD LOCATION AND 15% SET IN ON NEW LOCATION)
	06:00 - 18:00	12.00	LOC	3	WAIT ON DAY LIGHT
9/17/2007	18:00 - 06:00	12.00	OTH		SET IN RIG WITH TRUCKS AND CRANE 100% SET IN/ 100% OFF OLD LOCATION AND 20% RIGGED UPSTART PULLING CORDS ON EQUIPMENT, BOPE STILL IN CASPER EXPECT LATE MONDAY OR EARLY TUESDAY
	06:00 - 18:00	12.00	LOC	3	WAIT ON DAY LIGHT TO RIG UP
9/18/2007	18:00 - 06:00	12.00	OTH		HOOK UP EQUIPMENT(SOLIDS CONTROL), GENERAL RIGGING UP-HOOKED AIR LINES UP ONTO COMPOUND BACKWARDS AGAIN, CHANGED LINERS AND SWABS IN #2 PUMP, FIRE LIGHT PLANT AND START FLOOR MOTORS, STRING BLOCKS
	06:00 - 18:00	12.00	LOC	4	WAIT ON DAYLIGHTS
9/19/2007	18:00 - 06:00	12.00	OTH		READY DERRICK TO RAISE, RAISE DERRICK @ 11:00 AM, UNBRIDLE, RIG UP ROTARY TOOLS, TABLE CHAIN PUT TOGETHER, WORK ON AGITATOR IN MUD TANK, BAR HOPPERS
	06:00 - 18:00	12.00	LOC	4	RIG UP ROTARTY TOOLS, RIG UP TOP DRIVE AND FILL MUD TANKS, FINISH RIGGING UP TOP DRIVE
9/20/2007	18:00 - 06:00	12.00	LOC	4	RUN AIR LINES, PASON LINES, FILL PRE-MIX TANK, HOOK UP FLARE LINES
	06:00 - 07:00	1.00	LOC	4	
	07:00 - 11:30	4.50	LOC	4	
	11:30 - 13:00	1.50	LOC	4	
	13:00 - 19:00	6.00	BOP	1	SET IN SINGLE GATE AND MUD CROSS (NIPPLE UP SAME)
	19:00 - 06:00	11.00	RIG	2	RIG REPAIR- READY TO SPUD IN BUT DOUBLE GATE ISNT OUT OF MACHINE SHOP/ WORK ON MIS ITEMS AROUND RIG, TRY TO FIX 2 OIL LEAKS ON COMPOUND, POP OFF LINE
9/21/2007	06:00 - 02:00	20.00	RIG	2	WAIT ON BOPE FROM CASPER BEING MACHINED IN MACHINE SHOP OUT OF MACHINE SHOP @ 1600 AND M&M WORKING TO PUT IT BACK TOGETHER, ON ROAD @ 1930 (PICKED UP AROUND LOCATION AND ORGANIZED TUBULARS AND LAY OUT BHA AND STRAPPED, RIG UP WIRE LINE MACHINE, VIS UP PRE-MIX TANK, PRESSURE TEST MUD LINE 2500 PSI FIX TWO LEAKS) BLM CONTACTED OVER PHONE (SPOKE WITH RAY ARNOLD ABOUT PRESSURE TESTING AND DRILLING OUT)
					UNLOAD AND STACK BOPE (DOUBLE GATE AND ANNULAUR) SET IN ROTATING HEAD AND HOOK UP KOOMY LINES
9/22/2007	02:00 - 06:00	4.00	BOP	1	INSTALL ROT HEAD AND ORBIT VALVE WHILE B.C QUICK TEST TORQUE FLANGES ON BOPE
	06:00 - 10:00	4.00	BOP	1	TEST TOP DRIVE/FUNCTION TEST RAMS (HAD ALL LINES HOOKED BACKWARDS X/O LINES),TEST BOPE (TOP AND BOTTOM PIPES RAMS, BLIND RAMS, CHOKE MANIFOLD, CHOKE LINE, BOP VALVES, UPPER AND
	10:00 - 17:00	7.00	BOP	2	

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Operations Summary Report

Well Name: WRU EIH 6D-5-8-23
 Location: 5- 8-S 23-E 26
 Rig Name: ENSIGN

Spud Date: 9/5/2007
 Rig Release: 11/22/2007
 Rig Number: 24

Date	From - To	Hours	Code	Sub Code	Description of Operations
9/22/2007	10:00 - 17:00	7.00	BOP	2	LOWER TOP DRIVE VALVES, TIW VALVE, DART VALVE TO 250 PSI LOW 10 MIN./ 5000 PSI HIGH 10 MIN--ANNULAU 250 PSI LOW 10 MIN 2500PSI HIGH 10 MIN/ TEST CASING TO 1500 PSI FOR 30 MIN
	17:00 - 18:00	1.00	OTH		INSTALL WEAR BUSHING
	18:00 - 19:30	1.50	BOP	1	HOOK UP FILL UP LINE, CENTER STACK, CHAIN DOWN ROTARTY TABLE,, INSTALL ROTATING HEAD BEARING PACK
	19:30 - 20:30	1.00	TRP	1	PICK UP BHA TO DRILL OUT SHOE TRACK
	20:30 - 21:30	1.00	RIG	2	WORK ON PIPE SPINNERS (BROKEN FITTING AND WORK ON WINCH LINE CABLE FRAYING)
	21:30 - 23:00	1.50	TRP	1	PICK UP BHA TAGGED CEMENT @ 1093
9/23/2007	23:00 - 06:00	7.00	RIG	2	WORK ON TOP DRIVE VALVE WON'T OPEN WITH CONTROL, WHEN WE PUT IN OPEN IT SHUTS VALVE AND WHEN WE PUT IT IN CLOSED IT SHUTS VALVE ALSO, 37 PIN FAILER
	06:00 - 18:30	12.50	RIG	2	WORK ON TOP DRIVE WHILE TRYING TO FIX BURNT OUT TIMER BLOCK, AND KEEP BURNTING OUT DI-ODS, ELECTRICTION FROM GRAND JUNCTION SHOWED UP @ 14:15 HR.S TROUBLE SHOOT PROBLEM CHANGE OUT DIRECTIONAL VALVE AND FOUND A ROW OF DI-ODS (CALLED THE JUMPER ROW) NOT PRODUCING ANY VOLTAGE-RAN 3 JUMPS AND WE HAVE ALL THE ROBOTICS NOW
	18:30 - 19:00	0.50	DRL	4	DRILL FLOAT AND SHOE AND 10' OF NEW FORMATION (1160)-TAGGED FLOAT @ 1085 AND SHOE @ 1126
	19:00 - 19:30	0.50	EQT	2	PERFORM FIT TEST MW 8.4+300 PSI= 13.3 PPG MW
	19:30 - 03:00	7.50	DRL	1	DRILL AHEAD FROM 1160 TO 1668 (ROP 81' HR) RPM 45, DHRPM 101, WOB 5-8, MW 8.4, VIS 28,
	03:00 - 03:30	0.50	SUR	1	SURVEY @ 1613. 5 DEG. AZ. 350.4
	03:30 - 06:00	2.50	DRL	1	DRILL AHEAD FROM 1668 TO 1855 (ROP 74 ' HR) RPM 55, DHRPM 111, WOB 5-8, MW 8.4, VIS 28,
	06:00 - 11:00	5.00	DRL	1	DRILL FROM 1855 TO 2233 (ROP 75.6' HR)RPM 55 DHRPM 110, WOB 8-10, MW 8.6, VIS 28, NO BACK GROUND GAS,
	11:00 - 11:30	0.50	SUR	1	SURVEY @ 2168 DEG 1.4 AZ. 322
	11:30 - 12:00	0.50	OTH		INSTALL ROTATING HEAD RUBBER
9/24/2007	12:00 - 14:30	2.50	DRL	1	DRILL FROM 2233 TO 2422 (ROP 75.6' HR)SAME PERAMETERS
	14:30 - 15:30	1.00	RIG	1	SERVICE RIG AND TOP DRIVE
	15:30 - 20:00	4.50	DRL	1	DRILL FROM 2422 TO 2798
	20:00 - 20:30	0.50	SUR	1	SURVEY WAS A MISS RUN @ 2713
	20:30 - 21:30	1.00	DRL	1	DRILL FROM 2798 TO 2893 (ROP 95' HR) SAME PERAMETERS
	21:30 - 23:30	2.00	CIRC	2	PICKED UP TO REAM BACK TO BOTTOM TO TAKE SURVEY AND LOST RETURNS PUMPED 15% LCM SWEEP AROUND AND REGAINED CIRCULATION (BY PASSED SHAKERS & SHUT IN PITS)-LOST 320 BBL TOTAL WHILE REGAINING CIRCULATION, HAVE ALMOST ALL RETURNS BACK 2-3% LESS FLOW OF WHAT WE HAD BEFORE LOSSING CIRCULATION
	23:30 - 00:00	0.50	SUR	1	RUN SURVEY MIS-RUN AGAIN--FEATHERS ARE HANGING UP IN COLLARS-DRILLER PUT NEW ONES ON BECAUSE OLD ONES WHERE WORE OUT-TRIMMED THEM BACK NOW THEY'LL GO TO BOTTOM!!
	00:00 - 01:00	1.00	DRL	1	DRILL FROM 2893-2988 (ROP 95' HR)SAME PERAMETERS
	01:00 - 01:30	0.50	SUR	1	RUN SURVEY GOOD ONE FINALY DEG .6 AZ 20.5
	01:30 - 06:00	4.50	DRL	1	DRILL FROM 2988 TO 3350 (ROP 80.4' HR) SAME PERAMETERS
9/25/2007	06:00 - 11:00	5.00	DRL	1	DRILL FROM 3350 TO 3579 (ROP 45.8' HR)
	11:00 - 12:30	1.50	CIRC	2	HAD NO RETURNS PUMP 80BBL 16% LCM SWEEP REGAINED PARTAL RETURNS PUMPED PRE MIX 300 BBL OF 26% LCM REGAINED RETURNS
	12:30 - 13:00	0.50	DRL	1	DRILL FROM 3579 TO 3601
	13:00 - 13:30	0.50	CIRC	2	LOST RETURNS HAD PARTRTIAL RETURNS PUMPED 80 BBL 16% LCM PILL REGAINED FULL RETURNS

Operations Summary Report

Well Name: WRU EIH 6D-5-8-23
 Location: 5- 8-S 23-E 26
 Rig Name: ENSIGN

Spud Date: 9/5/2007
 Rig Release: 11/22/2007
 Rig Number: 24

Date	From - To	Hours	Code	Sub Code	Description of Operations
9/25/2007	13:30 - 14:00	0.50	DRL	1	DRILL FROM 3601 TO 3646 WOB 15, RPM 55,
	14:00 - 15:00	1.00	RIG	1	SERVICE RIG, TOPDRIVE AND BLOCKS AND SWIVEL
	15:00 - 18:30	3.50	DRL	1	DRILL FROM 3646 TO 3849
	18:30 - 19:00	0.50	CIRC	2	LOSS CIRCULATION HAD MINAMAL RETURNS REGAIN AFTER PUMPING 80 BBL 25% LCM SWEEP
	19:00 - 19:30	0.50	DRL	1	RACK STAND BACK SO WE COULD WORK PIPE A FULL 30+ FT
	19:30 - 20:00	0.50	DRL	1	DRILL FROM 3849 TO 3878
	20:00 - 21:00	1.00	CIRC	2	HAD MINAMAL RETURNS, PUMPED 80 BBL 16% LCM SWEEP REGAINED SOME RETURNS AND TRANSFERED PREMIX 22% OVER TO BUILD VOLUME ALSO REGAIN FULL RETURNS
	21:00 - 02:00	5.00	DRL	1	DRILL FROM 3878 TO 4210
	02:00 - 02:30	0.50	SUR	1	SURVEY @ 4125 INC 5.1 AZ 294.7
	02:30 - 06:00	3.50	DRL	1	DRILL FROM 4210 TO 4398
9/26/2007	06:00 - 06:30	0.50	SUR	1	SURVEY @ 4324' 6.3 DEG AZ. 57.9
	06:30 - 07:00	0.50	DRL	1	DRILL FROM 4398 TO 4404 WOB 20, ROT 60, DHRPM 110, MW 9.1, VIS 48, BACK GROUND 20 UNITS
	07:00 - 08:00	1.00	CIRC	1	CIRCULATE BUILD TRIP SLUG AND FILL TRIP TANK
	08:00 - 11:00	3.00	TRP	2	TRIP OUT TO CHANGE BHA (RUN SLICK MUD MOTOR, MOVE IBS'S TO 60', 90' AND PICK UP STRING MILL)
	11:00 - 11:30	0.50	TRP	2	HANDLE BHA AND CHANGE OUT MOTORS AND BITS
	11:30 - 15:30	4.00	TRP	2	TRIP IN HOLE WITH NEW BIT MOTOR AND DIFFERENT BHA, TAGGED BRIDGE @ 3206, WASH THRU SPOT (SOFT) THE REST OF TRIP WENT IN WITH NO PROBLEMS
	15:30 - 16:00	0.50	SUR	1	SURVEY CHECK SHOT WITH NEW SURVEY TOOL @ 4323 1.5 DEG/ 85 AZ.
	16:00 - 17:00	1.00	RIG	1	SERVICE RIG AND TOP DRIVE
	17:00 - 06:00	13.00	DRL	1	DRILL FROM 4404 TO 5071 WOB 10-20, ROT 60, DHRPM 110, MW 9.2, VIS 54, BACK GROUND 25 UNITS
	9/27/2007	06:00 - 06:30	0.50	SUR	1
06:30 - 12:00		5.50	DRL	1	DRILLING F/ 5071'-5161' WOB 20, ROT 60, DHRPM 110, MW 9.4, VIS 58, BACK GROUND GAS 25 UNITS
12:00 - 13:00		1.00	RIG	1	LUBRICATE RIG & TOP DRIVE / FUNCTION LOWER PIPE RAMS
13:00 - 13:30		0.50	DRL	1	DRILLING F/ 5161'-5185' WOB 20, ROT 60, DHRPM 110, MW 9.4, VIS 69, BACK GROUND GAS 25 UNITS
13:30 - 15:00		1.50	CIRC	2	CIRCULATE LCM SWEEP TO REGAIN RETURNS
15:00 - 15:30		0.50	DRL	1	DRILLING F/ 5185'-5188' WOB 20, ROT 60, DHRPM 110, MW 9.4, VIS 51, BACK GROUND GAS 25 UNITS
15:30 - 18:00		2.50	CIRC	2	CIRCULATE LCM SWEEP TO REGAIN CIRCULATION
18:00 - 20:30		2.50	DRL	1	DRILLING F/ 5188'-5248' WOB 25, ROT 60, DHRPM 110, MW 9.4, VIS 40, BACK GROUND GAS 25 UNITS
20:30 - 21:00		0.50	CIRC	2	CIRCULATE LCM SWEEP TO REGAIN RETURNS
21:00 - 06:00		9.00	DRL	1	DRILLING F/ 5148'-5381' WOB 25, ROT 60, DHRPM 110, MW 9.4, VIS 54, BACK GROUND GAS 25 UNITS
9/28/2007	06:00 - 11:00	5.00	DRL	1	DRILLING F/ 5382'-5445' ROP @ 12.6 P/HR MUD WT. 9.4 VIS 46 W/ 7 TO 10 BBL'S./HR. LOSSES
	11:00 - 12:00	1.00	RIG	1	LUBRICATE RIG & TOP DRIVE & FUNCTION ANNULAR
	12:00 - 18:00	6.00	DRL	1	DRILLING F/ 5445'-5539' ROP @ 16' P/HR MUD WT 9.4 VIS 48 W/ 7 TO 10 BBL'S./HR. LOSSES
	18:00 - 23:00	5.00	DRL	1	DRILLING F/ 5539'-5569' ROP @ 6' P/HR MUD WT 9.4 VIS 51 W/ 4 TO 6 BBL'S./HR. LOSSES
	23:00 - 06:00	7.00	TRP	10	PUMP PILL, DROP SURVEY & T.O.O.H F/ 5569'-4788' CLEAN W/ GOOD HOLE FILL, F/ 4788'-4162' TIGHT W/ SWABBING & BACK REAMING, F/ 4162'-3340' CLEAN W/ GOOD HOLE FILL, F/ 3340'-3048' TIGHT W/ GOOD HOLE FILL &

Operations Summary Report

Well Name: WRU EIH 6D-5-8-23
 Location: 5- 8-S 23-E 26
 Rig Name: ENSIGN

Spud Date: 9/5/2007
 Rig Release: 11/22/2007
 Rig Number: 24

Date	From - To	Hours	Code	Sub Code	Description of Operations
9/28/2007	23:00 - 06:00	7.00	TRP	10	BACK REAMING, F/ 3048'-1150' CLEAN W/ GOOD HOLE FILL
9/29/2007	06:00 - 08:00	2.00	TRP	10	TRIP OUT FOR BIT & L/D STING MILL & XOs & BREAK OUT BIT
	08:00 - 11:00	3.00	TRP	2	MAKE UP NEW BIT, T.I.H / FILLING EVERY 30 STDS.
9/29/2007	11:00 - 12:00	1.00	REAM	1	WASH & REAM LAST 2 STDS. W/ NO RESISTANCE
	12:00 - 15:00	3.00	DRL	1	DRILLING F/ 5569'-5623' ROP @ 18'/HR MUD WT. 9.4 VIS 48 W/ 4 TO 6 BBLs./HR LOSSES
	15:00 - 16:00	1.00	RIG	1	LUBRICATE RIG & TOP DRIVE / FUNCTION TOP PIPE RAMS
	16:00 - 18:00	2.00	DRL	1	DRILLING F/ 5623'-5661' ROP @ 19'/HR MUD WT. 9.4 VIS 57 4 TO 6 BBLs./HR. LOSSES
	18:00 - 22:00	4.00	DRL	1	DRILLING F/ 5661'-5779' ROP @ 29.5'/HR. MUD WT 9.4 VIS 58 60 BBLs./HR. LOSSES
	22:00 - 23:00	1.00	CIRC	2	CIRCULATE & PUMP 100 BBL. LCM SWEEP LOSSES SLOWED DOWN TO 6 TO 8 BBLs./HR.
	23:00 - 01:00	2.00	CIRC	2	WAIT ON LCM PILL TO SOAK UNTIL LOSSES STOP
	01:00 - 01:30	0.50	DRL	1	DRILLING F/ 5579'-5789' ROP 20'/HR. MUD WT. 9.4 VIS 46 60 + BBLs./HR. LOSSES
	01:30 - 03:30	2.00	CIRC	2	MIX & PUMP 100 BBLs 25% LCM PILL
	03:30 - 06:00	2.50	CIRC	1	WAIT ON LCM PILL TO SOAK WITH NO LOSSES AFTER ONE HOUR
9/30/2007	06:00 - 18:00	12.00	DRL	1	DRILLING F/ 5789' TO 6001' ROP @ 18'/HR. 4 TO 6 BBL. LOSSES & 8 TO 35 BBL. LOSSES THROUGH DRILLING BREAKS
	18:00 - 06:00	12.00	DRL	1	DRILLING F/ 6001' TO 6,220' ROP @ 18' //HR MUD WT 9.3 PPG VIS 48 W/ 4 BBLs LOSSES P/HR.
10/1/2007	06:00 - 11:00	5.00	DRL	1	DRILLING F/ 6220' TO 6284' ROP @ 13/HR. LOSSES @ 4 TO 6 BBLs./HR MUD WT. 9.4 VIS 52
	11:00 - 12:00	1.00	RIG	1	LUBRICATE RIG & TOP DRIVE / FUNCTION TOP PIPE RAMS
	12:00 - 18:00	6.00	DRL	1	DRILLING F/ 6284' TO 6411' ROP @ 21'/HR LOSSES MINIMIIZED TO 4 BBLs./HR.
	18:00 - 23:00	5.00	DRL	1	DRILLING F/ 6411' TO 6569' ROP @ 32'/HR. LOSSES @ 6 TO 8 BBLs./HR. W/ SLOWER ROP & 20 TO 40 W/ ROP @ 40 TO 60'/HR.
10/2/2007	23:00 - 00:00	1.00	SUR	1	SPOT 40 BBLs. LCM FREE MUD IN PIPE & RUN WIRELINE SURVEY (INCL. .9 AZM. 89.1)
	00:00 - 06:00	6.00	DRL	1	DRILLING F/ 6569' TO 6745' ROP @ 29'/HR. LOSSES @ 6 TO 8 BLS./HR W/ SLOWER ROP & 20 TO 40BBLs./HR W/ ROP @ 40 TO 60'/HR.
	06:00 - 12:00	6.00	DRL	1	DRILLING F/ 6724' TO 6942' ROP @ 36'/HR. LOSSES @ 8 TO 10 BBLs./HR. W/ ROP @ 10 TO 20'/HR. LOSSES INCREASE TO 20 TO 40 BBLs./HR. W/ ROP 20 TO 60'/HR.
	12:00 - 13:00	1.00	RIG	2	LUBRICATE RIG & TOP DRIVE / FUNCTION LOWER PIPE RAMS
10/2/2007	13:00 - 18:00	5.00	DRL	1	DRILLING F/ 6942' TO 7110' ROP @ 34'/HR. LOSSES @ 8 TO 10 BBLs./HR W/ ROP @ 10 TO 20'/HR. LOSSES INCREASE TO 20 TO 40 BBLs./HR W/ ROP 20 TO 60'/HR.
	18:00 - 06:00	12.00	DRL	1	DRILLING F/ 7110' TO 7412' ROP @ 25'/HR. LOSSES @ 8 TO 10 BBLs./HR W/ ROP @ 10 TO 20'/HR. LOSSES INCREASE TO 20 TO 40 BBLs./HR W/ ROP 20 TO 60'/HR.
	06:00 - 13:00	7.00	DRL	1	DRILLING F/ 7412' TO 7601' ROP @ 27'/HR. LOSSES @ 6 TO 10 BBLs./HR W/ ROP @ 10 TO 20'/HR. LOSSES INCREASE 20 TO 40 BBLs./HR. W/ ROP 20 TO 60'/HR.
	13:00 - 13:30	0.50	CIRC	1	MIX & SPOT LCM FREE MUD @ BIT FOR WIRELINE SURVEY
10/3/2007	13:30 - 14:30	1.00	SUR	1	RUN WIRELINE SURVEY @ 7520' (INCL. 1.4 ANZI. 83.4)
	14:30 - 17:30	3.00	DRL	1	DRILLING F/ 7601' TO 7694' ROP @ 31'/HR. LOSSES @ 6 TO 10 BBLs./HR. W/ ROP @ 10 20'/HR. LOSSES INCREASE 20 TO 40 BBLs./HR. W/ ROP 20 TO 60'/HR.
	17:30 - 18:00	0.50	RIG	1	RIG SERVICE LUBRICATE RIG & TOP DRIVE
10/3/2007	18:00 - 06:00	12.00	DRL	1	DRILLING F/ 7694' TO 7925' ROP @ 19'/HR. LOSSES @ 4 TO 6 BBLs./HR

Operations Summary Report

Well Name: WRU EIH 6D-5-8-23
 Location: 5- 8-S 23-E 26
 Rig Name: ENSIGN

Spud Date: 9/5/2007
 Rig Release: 11/22/2007
 Rig Number: 24

Date	From - To	Hours	Code	Sub Code	Description of Operations
10/4/2007	06:00 - 11:00	5.00	DRL	1	DRILLING F/ 7925' TO 8072' ROP @ 29'/HR. NO HOLE LOSSES
	11:00 - 12:00	1.00	RIG	1	RIG SERVICE / LUBRICATE RIG & TOP DRIVE
	12:00 - 18:00	6.00	DRL	1	DRILLING F/ 8072' TO 8166' ROP @ 16'/HR.
	18:00 - 19:30	1.50	DRL	1	DRILLING F/ 8166' TO 8185' ROP @ 13'/HR. NO HOLE LOSSES
	19:30 - 20:00	0.50	SUR	1	DROP SURVEY (SURVEY DEPTH 8135' INCL. 1.7 AZI. 88.30) & PUMP PILL
	20:00 - 00:30	4.50	TRP	2	TRIP OUT OF HOLE TO THE SHOE (RESTRICTIONS @ 3365' TO 3021')
	00:30 - 01:00	0.50	RIG	2	WORK ON CHANGING OUT #3 MOTOR CLUTCH
	01:00 - 02:00	1.00	TRP	2	TRIP OUT OF HOLE W/ BHA
	02:00 - 02:30	0.50	TRP	2	CHANGE OUT THE MUD MOTOR & BIT
	02:30 - 03:30	1.00	TRP	2	TRIP IN THE HOLE TO THE SHOE (1100')
	03:30 - 04:00	0.50	RIG	2	FINISH REPLACING #3 MOTOR CLUTCH
	04:00 - 05:00	1.00	RIG	6	CUT & SLIP DRILLING LINE
	05:00 - 06:00	1.00	TRP	2	TRIP IN HOLE W/ NEW BIT & MOTOR
	06:00 - 08:30	2.50	TRP	2	TRIPPING IN THE HOLE / FILL PIPE EVERY 33 STDS. HOLE RESTRICTIONS @ 4730'
10/5/2007	08:30 - 09:00	0.50	REAM	1	WASH & REAM F/ 8000' TO 8185' (6' OF FILL ON BOTTOM)
	09:00 - 12:00	3.00	DRL	1	DRILLING F/ 8185' TO 8259' ROP @ 25'/HR. LOSSES @ 10 TO 15 BBL/HR
	12:00 - 13:00	1.00	RIG	1	RIG SERVICE LUBRICATE RIG & TOP DRIVE
	13:00 - 18:00	5.00	DRL	1	DRILLING F/ 8259' TO 8448' ROP @ 38'/HR. NO LOSSES
	18:00 - 06:00	12.00	DRL	1	DRILL F/ 8448' TO 8675' ROP @ 19' P/HR. NO LOSSES MUD WT. 9.6 VIS 52
10/6/2007	06:00 - 14:00	8.00	DRL	1	DRILLING F/ 8675' TO 8827' ROP @ 19'/HR. NO LOSSES MUD WT. 9.8 VIS 50
	14:00 - 15:00	1.00	RIG	1	RIG SERVICE / LUBRICATE RIG & TOP DRIVE
	15:00 - 18:00	3.00	DRL	1	DRILLING F/ 8827' TO 8917' ROP @ 30'/HR NO LOSSES 8769' TOP OF THE MESAVERDE
10/7/2007	18:00 - 06:00	12.00	DRL	1	DRILLING F/ 8917' TO 9075' ROP @ 13'/HR. NO LOSSES MUD WT. 9.7 VIS. 65
	06:00 - 11:00	5.00	DRL	1	DRILLING F/ 9075' TO 9106' ROP @ 6'/HR. W/ NO LOSSES MUD WT. 9.7 VIS. 52
	11:00 - 12:00	1.00	RIG	1	RIG SERVICE / LUBRICATE RIG & TOP DRIVE
	12:00 - 13:30	1.50	DRL	1	DRILLING F/ 9106' TO 9115' ROP @ 6'/HR W/ NO LOSSES
	13:30 - 18:00	4.50	TRP	10	DROP SURVEY / PUMP PILL & TRIPPING OUT OFHOLE FOR BIT (NO RESTRICTIONS)
	18:00 - 18:30	0.50	TRP	10	TRIPPING OUT OF HOLE W/ BHA / HOLE FILL -8 BBL/HR. F/ PROJECTED CALCULATED HOLE FILL
	18:30 - 19:30	1.00	TRP	10	CHANGE BIT & RETRIEVE SURVEY TOOL SURVEY DEPTH @ 9055' W/ A INCL. 1.4 AZI. 60.9
10/8/2007	19:30 - 23:00	3.50	TRP	2	TRIPPING IN HOLE FILLING EVERY 33 STDS. (@ 7162' HOLE SLUFFING IN ON PIPE FILL UP)
	23:00 - 00:00	1.00	REAM	1	WASH & REAM F/ 8920' TO 9115' W/ HOLE RESTRICTIONS THE LAST 40' / NO HOLE FILL / 30 TO 50 BBL/HR LOSSES / PUMPED LCM SWEEP FOLLOWED W/ A NEW SWELL SWEEP
	00:00 - 06:00	6.00	DRL	1	DRILLING F/ 9115' TO 9222' ROP @ 18'/HR. / NO LOSSES
	06:00 - 13:00	7.00	DRL	1	DRILLING F/ 9222' TO 9331' ROP @ 18'/HR. NO LOSSES
	13:00 - 14:00	1.00	CIRC	1	PICK UP & CIRCULATE LCM SWEEP, NEW SWELL SWEEPS DUE TO LOST CIRCULATION / 80+ BBL/HR LOSSES / SWEEPS HELPED STOP LOSSES
10/9/2007	14:00 - 18:00	4.00	DRL	1	DRILLING F/ 9331' TO 9388' ROP @ 14'/HR. PUMPING LCM SWEEPS TO STOP 10 TO 20 BBL/HR. LOSSES / NO LOSSES @ 9365' BUILDING VOLUME & LOWERING MUD WT. F/ A 9.9 PPG. TO A 9.6 PPG. TO HELP LOSSES
	18:00 - 06:00	12.00	DRL	1	DRILLING F/ 9388' TO 9560' W/ ROP @ 14'/HR. W/ NO LOSSES / MUD WT. 9.7 VIS. 48
	06:00 - 14:00	8.00	DRL	1	DRILLING F/ 9560' TO 9669' ROP @ 14'/HR. W/ NO LOSSES MUD WT. 9.8 VIS 58
	14:00 - 15:00	1.00	RIG	1	SERVICE RIG / LUBRICATE TOP DRIVE
10/9/2007	15:00 - 18:00	3.00	DRL	1	DRILLING F/ 9669' TO 9733' 21'/HR. W/ NO LOSSES
	18:00 - 06:00	12.00	DRL	1	DRILLING F/ 9733' TO 9870' W/ ROP @ 11'/HR. W/ NO LOSSES MUD WT. 9.7 VIS. 55

Operations Summary Report

Well Name: WRU EIH 6D-5-8-23
 Location: 5- 8-S 23-E 26
 Rig Name: ENSIGN

Spud Date: 9/5/2007
 Rig Release: 11/22/2007
 Rig Number: 24

Date	From - To	Hours	Code	Sub Code	Description of Operations
10/10/2007	06:00 - 18:00	12.00	DRL	1	DRILLING F/ 9870' TO 9985' ROP @ 10'/HR. W/ LOSSES @ 9955'(80 BBLs./HR.) MUD WT. 9.6 VIS. 60
	18:00 - 23:00	5.00	DRL	1	DRILLING F/ 9985' TO 10,050'
	23:00 - 00:00	1.00	CIRC	2	LOST RETURNS & PUMP TWO 100 BBLs LCM PILLS AND REGAIN RETURNS LOST TOTAL 160 BBLs MUD
10/11/2007	00:00 - 06:00	6.00	DRL	1	DRILL F/ 10,050' TO 10,130' ROP @ 13.5' P/HR MUD WT 9.6 VIS 58 W/ NO LOSSES
	06:00 - 09:00	3.00	TRP	10	CIRC. FOR TRIP & PUMP PILL & DROP SURVEY & TRIP OUT HIT TIGHT SPOT @9845
	09:00 - 14:00	5.00	REAM	1	BACK REAM TIGHT HOLE FROM 9845 TO 9400
	14:00 - 16:30	2.50	TRP	10	FINSH TRIP OUT & HIT TIGHT SPOT FROM 3450
	16:30 - 17:00	0.50	REAM	1	BACK REAM TIGHT HOLE FROM 3450 TO 3000
	17:00 - 19:30	2.50	TRP	10	FINISH TRIP OUT & CHANGE OUT MUD MOTOR & BIT @ LOST 40.5 BBLs OVER CAL. ON TRIP & FUNCTION BLIND RAMS
	19:30 - 21:30	2.00	OTH		CHANGE OUT SAVER SUB & GRABBER DIES & WORK ON TOP DRIVE WHILE WAITING ON BIT BREAKER
	21:30 - 23:30	2.00	TRP	10	MAKE UP BIT & TRIP IN FILL EVERY TWO ROWS - CHANGE OUT CORR. RING TAG TIGHT SOT @ 2600
	23:30 - 00:30	1.00	LOC	7	TRANSFER MUD & BUILD VOLUME & UNPLUG EQUALIZERS IN MUD TANKS
	00:30 - 06:00	5.50	REAM	1	WASH & REAM FROM 2600 TO 3275
10/12/2007	06:00 - 11:30	5.50	REAM	1	TRIPPING IN THE HOLE WASHING & REAMING TIGHT SPOTS
	11:30 - 16:00	4.50	REAM	1	REAMING FROM 8638 TO 10,126 HAD 45' FILL
10/13/2007	16:00 - 06:00	14.00	DRL	1	DRILL FROM 10,126 TO 10,185
	06:00 - 11:00	5.00	DRL	1	DRILL FROM 10,185 TO 10,239
	11:00 - 16:30	5.50	CIRC	2	CIRC. & CONDITION MUD LOST 1/2 RETURNS @ 10235 & MIX & PUMP LCM SWEEP 20% & LOST FULL RETURNS @ 10238, REDUCE STROKES 60 & PUMPED 4) 50 bbl SWEEPS 20 NEW STEEL & 1 POLLY SWELL & REGAIN FULL RETURNS, SHAKERS STILL BYPASSED & MANTAIN 15%LCM APPROX. LOSSES 1000 BBLs
10/14/2007	16:30 - 06:00	13.50	DRL	1	DRILL FROM 10,239 TO 10361 - LOSSES APPROX. 8 BBLs HR.
	06:00 - 14:00	8.00	DRL	1	DRILL FROM 10,361 TO 10,416 (ROP 6.9' HR) WORKING ALL DIFFERENT PERAMETERS TO GET TO DRILL/
	14:00 - 15:00	1.00	RIG	1	CIRCULATE, BUILD TRIP PILL AND DO A RIG SERVICE
	15:00 - 15:30	0.50	SUR	1	DROP SURVEY @ 10,351
	15:30 - 21:30	6.00	TRP	10	TRIP OUT FOR NEW BIT 22 BBLs OVER CALC. FILL
	21:30 - 22:00	0.50	TRP	1	BREAK BIT, LAY DOWN MUD MOTOR, PICK UP NEW
	22:00 - 22:30	0.50	TRP	10	TRIP IN HOLE BHA TO SHOE
	22:30 - 00:00	1.50	RIG	6	CUT AND SLIP DRILLING LINE
	00:00 - 00:30	0.50	TRP	10	TRIP TO 2800/ TIGHT HOLE
	00:30 - 06:00	5.50	REAM	1	WASHING AND REAMING TO BOTTOM TIGHT FROM 2800-2820, 4675-4690, 4872-4895, 5190-5210, 5321-5380,
10/15/2007	06:00 - 09:30	3.50	REAM	1	WASH TO BOTTOM FROM 5600 TO 7800
	09:30 - 11:00	1.50	CIRC	1	BUILD VOLUME (PREMIX 400 BBL. AND 175 BBL. TANK)
	11:00 - 15:30	4.50	REAM	1	WASH TO BOTTOM FROM 7800 TO 9930
	15:30 - 18:00	2.50	CIRC	1	BUILD VOLUME (PRE MIX 400BBL. AND 175 BBL. TANK)
	18:00 - 19:00	1.00	REAM	1	WASH AND REAM TO BOTTOM FROM 9930 TO 10, 416 (PUMP POLY SWEEPS TO GAIN FULL RETURNS
	19:00 - 21:30	2.50	DRL	1	DRILL FROM 10, 416 TO 10,455 (ROP 15.6' HR)WOB 10, DHRPM 105, MW 10.0 PPG, VIS 66, BG GAS UNITS 61
10/16/2007	21:30 - 22:00	0.50	OTH		CHANGE ROLLER ON AUTO-DRILLER
	22:00 - 06:00	8.00	DRL	1	DRILL FROM 10,455 TO 10,570 (ROP 14.4' HR) WOB 10-15, DHRPM 105, MW 10.0 PPG, VIS 63, BG GAS 122 UNITS
	06:00 - 17:00	11.00	DRL	1	DRILL FROM 10,570 TO 10,705 (ROP 12.2' HR)

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Operations Summary Report

Well Name: WRU EIH 6D-5-8-23
Location: 5- 8-S 23-E 26
Rig Name: ENSIGN

Spud Date: 9/5/2007
Rig Release: 11/22/2007
Rig Number: 24

Date	From - To	Hours	Code	Sub Code	Description of Operations	
10/16/2007	17:00 - 18:00	1.00	RIG	1	RIG SERVICE	
	18:00 - 06:00	12.00	DRL	1	DRILL FROM 10,705 TO 10,800 (ROP 7.9' HR)WORK ALL DIFFERNT PERAMETERS TO GET TO DRILL	
10/17/2007	06:00 - 06:30	0.50	DRL	1	DRILL FROM 10,799 TO 10,806 WORKING PERAMETERS TO DRILL/ NO GO	
	06:30 - 07:30	1.00	CIRC	1	CIRCULATE BOTTOMS UP AND BUILD TRIP SLUG TO CHANGE BIT	
	07:30 - 08:00	0.50	SUR	1	DROP SURVEY TOOL/ SURVEY 1 DEG/ 314.6 AZ	
	08:00 - 13:00	5.00	TRP	10	TRIP OUT OF HOLE TIGHT @ 10,580 TO 10, 570/ 10,510 TO 10,505/ 3612 TO 3600	
	13:00 - 14:00	1.00	TRP	1	HANDLE BHA CHANGE BIT, MOTOR AND JARS	
	14:00 - 14:30	0.50	OTH	1	WORK ON TOP DRIVE HOSE, BROKEN HOSE ON GRABBER	
10/18/2007	14:30 - 20:00	5.50	TRP	10	TRIP IN HOLE FILLING @ BHA, AND EVERY 3 ROWS	
	20:00 - 21:00	1.00	REAM	1	SAFETY WASH AND REAM TO FROM 10,420 TO 10,806 (NO FILL) HOLES IN GREAT SHAPE	
	21:00 - 06:00	9.00	DRL	1	DRILL FROM 10,806 TO 10,985 WOB 10, DHRPM 112, MW 10.0, VIS 53, B-GAS 147 UNITS	
	06:00 - 06:00	24.00	DRL	1	DRILL FROM 10,985 TO 11,260 (WOB 10-20, ROT 50, DHRPM 112, MW 10 PPG, VIS 54, LCM 12%, BACK GROUND GAS 25 UNITS, STARTED LOSSING 23 BBL A HOUR @ 11,210, BEEN PUMPING 25% LCM SWEEPS AND 1 POLY SWELL SWEEP- BRINGING ACTIVE BACK UP TO 15%	
	10/19/2007	06:00 - 10:00	4.00	DRL	1	DRILL FROM 11,260 TO 11,284
		10:00 - 11:00	1.00	CIRC	1	CIRCULATE BOTTOMS UP AND BUILD TRIP SLUG
11:00 - 11:30		0.50	SUR	1	DROPPED SURVEY AND PUMP TRIP SLUG	
11:30 - 18:00		6.50	TRP	10	TRIP OUT OF HOLE FOR BIT	
18:00 - 19:00		1.00	RIG	1	RIG SERVICE (TOP DRIVE, DRAWWORKS, COMPOUND)	
19:00 - 19:30		0.50	OTH	1	CHANGE OUT SAVER SUB ON TOP DRIVE	
10/20/2007	19:30 - 20:30	1.00	TRP	1	LAY DOWN MONEL AND IBS'S AND PICK UP UBHO, 2-X-OVERS, LOGGING TOOL	
	20:30 - 03:00	6.50	TRP	10	TRIP IN HOLE. FILL AT BHA AND EVERY 3 ROWS	
	03:00 - 04:00	1.00	CIRC	2	TAGGED BRIDGE @ 10,847/ WASH AND REAM THRU AND PUMP LCM SWEEP ONTO BACK SIDE TO HEAL UP LOSSES	
	04:00 - 05:00	1.00	REAM	1	SAFETY WASH AND REAM 10, 890 TO 11,284 HAD 15 FT OF HOLE FILL	
	05:00 - 06:00	1.00	OTH	1	FAN BOTTOM SO IF THERE IS ANY JUNK ON BOTTOM FROM LAST BIT, WHILE STAGING UP PUMPS / PUMPING 25% LCM SWEEP TO CONTROL HOLE SEEPAGE -LOOSING 50 HOLE CURRENTLY	
	06:00 - 06:30	0.50	CIRC	1	CIRCULATE AND FAN BOTTOM OF HOLE WHILE STAGGING UP STROKES, BUILD VOLUME IN PRE MIX	
10/21/2007	06:30 - 12:30	6.00	DRL	1	DRILLING 11,284 TO 11,331 (ROP 7.8' HR) HOLE SEEPING @ 4-5 BBL.S HR, WOB 15-18, RPM 50, DHRPM 115, B/G GAS 2064, MW 10.0+, VIS 47	
	12:30 - 13:30	1.00	RIG	1	SERVICE RIG AND TOP DRIVE	
	13:30 - 18:00	4.50	DRL	1	DRILL FROM 11,331 TO 11,370 (ROP 8.6' HR) HOLE SEEPING 4 BBL.S HR, WOB 18-20, RPM 40-60, DHRPM 105-125, B/G GAS 1834 HAD A GOOD SHOW OF GAS @ 11,337-11,348 MW 10.0+ VIS 49	
	18:00 - 06:00	12.00	DRL	1	DRILL FROM 11,370 TO 11,425 (ROP 4.5' HR) HOLE SEEPING 4 BBL.S HR, WOB 20-28, 40-60, DHRPM 105-125, B/G GAS 3300 MW 10.1VIS 46	
	06:00 - 07:30	1.50	DRL	1	DRILL FROM 11, 425 TO 11,435 (ROP 6.66)	
	07:30 - 09:00	1.50	CIRC	1	CIRCULATE SAMPLE UP BLACK HAWK FORMATION	
10/21/2007	09:00 - 14:30	5.50	OTH	1	CIRCULATE WHILE WAITING ON LOGGING TRUCK AND PROPER TOOLS (DIDNT HAVE THE CROSS OVER TO WIRE LINE TRUCK-HAD TO GO BACK INTO VERNAL TO PICK UP RIGHT CROSS OVER)- HAD HANDS COME OUT 2 DAY'S EARLY TO GET ALL THE TOOLS LINED UP	
	14:30 - 15:00	0.50	TRP	2	TRIP OUT THREE STANDS TO GO SET LOGGING TOOL	
	15:00 - 16:30	1.50	LOG	1	RUN IN LOGGING TOOL AND TRY TO SHEER TOOL DIDNT SHEER-THINKING THAT LCM IS CUSHIONING THE TOOL	

Operations Summary Report

Well Name: WRU EIH 6D-5-8-23
 Location: 5-8-S 23-E 26
 Rig Name: ENSIGN

Spud Date: 9/5/2007
 Rig Release: 11/22/2007
 Rig Number: 24

Date	From - To	Hours	Code	Sub Code	Description of Operations
10/21/2007	16:30 - 22:00	5.50	TRP	15	TRIP OUT OF HOLE TO PICK UP BIT SUB AND BIT AND INSTALL LOGGING TOOL MANUALLY
	22:00 - 23:00	1.00	TRP	1	BREAK BIT AND LAY DOWN MOTOR
	23:00 - 00:00	1.00	LOG	1	INSTALL LOGGING TOOL IN LOGGING COLLAR
	00:00 - 00:30	0.50	RIG	1	WORK ON DERRICK LIGHTING TO TRIP PIPE/ LIGHTS WENT OUT
10/22/2007	00:30 - 03:00	2.50	TRP	15	TRIP IN HOLE TO LOGGING POINT FILL AFTER BHA AND EVERY 3 ROWS
	03:00 - 06:00	3.00	LOG	1	LOG WITH DRILL PIPE RUNNING 1 1/2 MIN A JOINT TRIPPING INTO HOLE
	06:00 - 18:30	12.50	LOG	1	RUN OPEN HOLE LOGS WITH DRILL STRING (TRIP IN 1 1/2 MIN A JOINT)
	18:30 - 19:00	0.50	REAM	1	WASH TO BOTTOM LAST STAND
	19:00 - 21:30	2.50	CIRC	1	CIRCULATE BOTTOMS UP GAS UNITS PEAKED @ 3881
	21:30 - 22:30	1.00	TRP	3	RIG UP LAY DOWN TRUCK
	22:30 - 23:00	0.50	CIRC	1	SPOT 1LB OVER SLUG ON BOTTOM-COVER 1000' OF OPEN HOLE
	23:00 - 06:00	7.00	TRP	3	LAY DOWN DRILL PIPE PULL DRILL STRING @ 1 1/2 MIN A JOINT FOR OPEN HOLE LOGGING
10/23/2007	06:00 - 07:30	1.50	LOG	1	LOG WHILE LAYING DOWN DRILL PIPE PULLING 1 1/2 MIN A JOINT TO 4,700'
	07:30 - 12:00	4.50	TRP	3	LAY DOWN DRILL PIPE AND BHA AND LOGGING TOOL
	12:00 - 14:00	2.00	CSG	1	RIG UP CASING CREW TO RUN 7" STRING OF CASING (HELD SAFETY MEETING)
	14:00 - 01:00	11.00	CSG	2	RUN 7" CASING -53 JT'S OF 29"(SPECIAL DRIFT), 197 JT'S OF 26#, HCP-110, RAN 2 FLOAT JOINTS,
	01:00 - 02:00	1.00	CSG	1	RIG DOWN CASING CREW/ WHILE TRYING TO REGAIN CIRCULATION
10/24/2007	02:00 - 03:00	1.00	OTH		RIG UP HALLIBURTON ONTO A-SECTION TO CIRCULATE WITH RIG PUMP/ COULDN'T CIRCULATE THRU CHOKE LINE (ENDED UP TO BE A PLUGGED CHOKE WITH LCM)
	03:00 - 03:30	0.50	CSG	4	LAND HANGER LINER
	03:30 - 06:00	2.50	CIRC	1	CIRCULATE BOTTOMS UP AND BUILD MUD VOLUME/
	06:00 - 08:30	2.50	CIRC	1	CIRCULATE AROUND 10.1 PPG AND SHAKE OUT LCM IN SYSTEM
	08:30 - 11:30	3.00	OTH		UNSCREW AND PULL LANDING, RUN IN PACK OFF ASSEMBLY & PACK OFF TEST TO 5000 PSI FOR 10 MIN. RUN IN AND SET CEMENT ISOLATION TOOL.
	11:30 - 13:00	1.50	CMT	1	RIG UP HALLIBURTON (HELD SAFETY MEETING)
	13:00 - 18:00	5.00	CMT	2	CEMENT 7" CASING INTO PLACE, BUMPED PLUG, CEMENT ISOLATION TOOL CAME FREE AND MOVED CASING TOOL 9' UP OUT OF HOLE, BLOCKS WENT UP SIDE DOWN
	18:00 - 20:30	2.50	OTH		COME UP WITH PLAN TO LAY DOWN EQUIPMENT AND TURN BLOCKS BACK UP RIGHT
10/25/2007	20:30 - 00:30	4.00	OTH		LAY DOWN CASING EQUIPMENT ELEVATORS, BAILS AND TURN BLOCK UP RIGHT
	00:30 - 06:00	5.50	OTH		DO LOAD PATH INSPECTION ON TOP DRIVE AND INSPECT SWIVEL AND BLOCKS
	06:00 - 07:30	1.50	OTH		INSPECT SWIVEL, BLOCKS,
	07:30 - 10:30	3.00	OTH		PUT TOP DRIVE BACK TOGETHER AFTER INSPECTING THE TRAVELING ASSEMBLY
	10:30 - 13:30	3.00	OTH		PULL ROTATING HEAD OFF AND PREPARE TO PICK BOPE AND SET DOWN SAME, WELL BOWL CHECKED OUT GOOD FOR BOWL DEPTH, BUT NEEDED TO PULL PINS AND REPLACED
	13:30 - 17:00	3.50	OTH		RIG DOWN QUICK TEST WINCHES & NIPPLE UP STACK TO WELL HEAD
	17:00 - 18:00	1.00	LOG	2	PREPAIR RIG TO RIG UP LOGGERS, ELEVATORS, MOUSE HOLE INSERT, & CLEAR V-DOOR.
	18:00 - 19:00	1.00	LOG	2	SAFETY MEETING W/ SCHLUMBERGER LOGGING, & RIG UP LOGGERS
19:00 - 00:30	5.50	LOG	2	RUN IN THE HOLE W/ VDL LOG W/ A GAMMA RAY LOG & A CCL LOG / TOP OF CEMENT IS FOUND TO BE @ 5150' ON THE 7" CSG. RIG DOWN LOGGERS	
00:30 - 02:00	1.50	OTH		INSTALL ROTATING HEAD ASSEMBLY & FUNCTION TEST BOP'S PREP FOR BOP TEST	

Operations Summary Report

Well Name: WRU EIH 6D-5-8-23
 Location: 5- 8-S 23-E 26
 Rig Name: ENSIGN

Spud Date: 9/5/2007
 Rig Release: 11/22/2007
 Rig Number: 24

Date	From - To	Hours	Code	Sub Code	Description of Operations
10/25/2007	02:00 - 06:00	4.00	BOP	2	HELD SAFETY MEETING W/ B&C QUICK TEST TO TEST BOP'S & RIG UP TESTER & TEST BOTH SETS OF PIPE RAMS, BLIND RAMS, HCR, CHOKE VALVES, & FLOOR VALVES 250 PSI LOW 10,000 HIGH FOR 10 MIN. EACH TEST. ANNULAR 250 LOW 5000 HIGH FOR 10 MIN EACH TEST.
10/26/2007	06:00 - 10:00	4.00	BOP	2	FINISH TESTING BOP'S BLIND RAMS, ANULAR, KOOMY, & CSG. TEST (1500 PSI FOR 30 MIN.) RIG DOWN TESTER.
	10:00 - 12:00	2.00	OTH		FINISH RIGGING UP FLOW LINE, KELLY HOSE, & TURN BUCKLES ON BOP'S RIG SERVICE, LUBRICATE RIG TOP DRIVE, CHANGE DIES ON GRABBER
	12:00 - 13:00	1.00	RIG	1	RIG UP HALLIBURTON TO PREFORM TOP JOB (PUMP SPACER @ 2 BBL/MIN
	13:00 - 16:00	3.00	CMT	2	10 BBL. W/ 109 PSI., PUMP LEAD CEMENT @ 2.1 BBL/MIN 81 BBL. W/ 68 PSI., PUMP TAIL CEMENT @ 2.7 BBL/MIN 55 BBL. W/ 37 PSI., PUMP DISPLACEMENT @ 2.7 BBL/MIN. 5 BBL. W/ 20 PSI.) RIG DOWN CEMENTERS
	16:00 - 16:30	0.50	OTH		INSTALL ROTATING HEAD BEARING ASSEMBLY
	16:30 - 18:00	1.50	TRP	1	RIG UP FRANKS LAY DOWN MACHINE TO PICK UP BHA & 4" DRILL STRING
	18:00 - 19:00	1.00	OTH		INSTALL WEAR RING
	19:00 - 02:30	7.50	TRP	1	SAFETY MEETING W/ FRANKS & PICK UP 6 1/8 BHA & 4" DRILL STRING
	02:30 - 03:00	0.50	TRP	2	FILL PIPE W/ BHA & 20 STDS. DRILL PIPE IN HOLE. PRESSURED UP TO 1800 PSI. W/ OBSTRUCTIONS IN DRILL STRING.
	03:00 - 06:00	3.00	TRP	2	TRIP OUT OF HOLE DO TO PLUGGED PIPE @ FIRST PIPE FILL UP POINT (20 STDS. DRILL PIPE IN HOLE)
10/27/2007	06:00 - 06:30	0.50	TRP	2	TRIP OUT OF HOLE FOR RESTRICTION IN DRILL STRING
	06:30 - 08:30	2.00	TRP	1	L/D MUD MOTOR DO TO LCM RESTRICTION & L/D MONEL FOR THREAD DAMAGE
	08:30 - 09:30	1.00	TRP	1	PICK UP NEW MOTOR & MONEL, SURFACE TEST MUD MOTOR
	09:30 - 12:00	2.50	TRP	2	TRIP IN HOLE W/ DRILL STRING & FILL PIPE
	12:00 - 12:30	0.50	OTH		RIG UP FRANKS L/D MACHINE
	12:30 - 18:00	5.50	TRP	2	PICK UP PIPE W/ FRANKS TRIPING IN HOLE
	18:00 - 23:00	5.00	TRP	2	PICKING UP 4" DP W/ FRANKS-TRIPING IN HOLE (TAGED UP @ 11326')
	23:00 - 23:30	0.50	RIG	2	REPAIR GRIPER HOSES ON TOP DRIVE
	23:30 - 00:00	0.50	TRP	2	MAKE UP TOP DRIVE & INSTALL ROTATING RUBBER
	00:00 - 01:00	1.00	CSG	1	RIG DOWN FRANKS L/D MACHINE
	01:00 - 02:30	1.50	DRL	4	DRILLING FLOAT, CEMENT, & SHOE @ 11416'
	02:30 - 04:30	2.00	DRL	1	DRILLING NEW FORMATION F/ 11435' TO 11450'
	04:30 - 06:00	1.50	CIRC	1	CIRCULATE & CONDITION MUD FOR FIT
10/28/2007	06:00 - 07:00	1.00	CIRC	1	CIRCULATE & CONDITION FOR FIT
	07:00 - 08:00	1.00	EQT	2	FIT W/ 3450 PSI., 9.7 PPG. MUD WT. FOR A 15.5 PPG. EQUIVILANT
	08:00 - 14:30	6.50	DRL	1	DRILLING F/ 11450' TO 11552' W/ ROP @ 16'/HR. / 9.8 MUD WT. 47 VIS
	14:30 - 15:30	1.00	RIG	1	LUBRICATE RIG & TOP DRIVE & FUNCTION TOP PIPE RAMS
	15:30 - 18:00	2.50	DRL	1	DRILLING F/ 11552' TO 11649' W/ ROP @ 39'/HR. / 9.8 MUD WT. 64 VIS
	18:00 - 06:00	12.00	DRL	1	DRILLING F/ 11649' TO 11939' W/ ROP @ 24'/HR. 9.9 MUD WT. 58 VIS & NO LOSSES FOR THE LAST 24 HRS.
10/29/2007	06:00 - 11:00	5.00	DRL	1	DRILLING F/ 11939' TO 12134' W/ A ROP OF 39'/HR. / MUD WT. 10.0 VIS 54 / NO LOSSES
	11:00 - 12:00	1.00	RIG	1	RIG SERVICE / LUBRICATE RIG & TOP DRIVE / FUNCTION LOWER PIPE RAMS
	12:00 - 18:00	6.00	DRL	1	DRILLING F/ 12134' TO 12393' W/ A ROP OF 43'/HR. / MUD WT. 10.0 VIS 55 / NO LOSSES
	18:00 - 06:00	12.00	DRL	1	DRILLING F/ 12393' TO 12653' W/ ROP OF 20'/HR. / MUD WT. 10.2 VIS 57 / NO LOSSES
10/30/2007	06:00 - 12:30	6.50	DRL	1	DRILLING F/ 12653' TO 12912' W/ A ROP OF 40'/HR. / MUD WT. 10.5 VIS 58 W/ NO LOSSES
	12:30 - 13:30	1.00	RIG	1	RIG SERVICE / LUBRICATE RIG & TOP DRIVE / FUNNCTION ANNULAR
	13:30 - 18:00	4.50	DRL	1	DRILLING F/ 12912' TO 13074' W/ A ROP OF 36'/HR. / MUD WT. 10.5 VIS 64 W/

Operations Summary Report

Well Name: WRU EIH 6D-5-8-23
 Location: 5- 8-S 23-E 26
 Rig Name: ENSIGN

Spud Date: 9/5/2007
 Rig Release: 11/22/2007
 Rig Number: 24

Date	From - To	Hours	Code	Sub Code	Description of Operations
10/30/2007	13:30 - 18:00	4.50	DRL	1	NO LOSSES
	18:00 - 06:00	12.00	DRL	1	DRILLING F/ 13074' TO 13496' W/ A ROP OF 35'/HR. / MUD WT. 10.6 VIS 57 W/ NO LOSSES
10/31/2007	06:00 - 09:00	3.00	DRL	1	DRILLING F/ 13585' TO 13496' W/ A ROP OF 30'/HR. / MUD WT. 10.6 VIS 55 W/ NO LOSSES
	09:00 - 10:00	1.00	RIG	1	RIG SERVICE / LUBRICATE RIG & TOP DRIVE
	10:00 - 18:00	8.00	DRL	1	DRILLING F/ 13496' TO 13876' W/ A ROP OF 36'/HR. / MUD WT. 10.9 VIS 66 W/ NO LOSSES
	18:00 - 06:00	12.00	DRL	1	DRILLING F/ 13876' TO 14298' W/ A ROP OF 35'/HR. / MUD WT. 11.5 VIS 54 W/ NO LOSSES / DRILLING THROUGH GAS BUSTER DO TO BACKGROUND GAS COMING UP TO 5850+ @ 13880' / DRILLING FLARE OF 5' / MUD WT. IS BE BROUGHT UP TO KILL FLARE.
11/1/2007	06:00 - 18:00	12.00	DRL	1	DRILLING F/ 14298' TO 14673' W/ A ROP OF 31'/HR. / MUD WT. 12.0 VIS. 55 W/ NO LOSSES / 10 TO 20' FLARE / RAISING MUD WT. TO CONTROL GAS
	18:00 - 06:00	12.00	DRL	1	DRILLING F/ 14673' TO 14935' W/ A ROP OF 22'/HR. / MUD WT. 12.3 VIS 49 W/ NO LOSSES / 5 TO 10' FLARE / RAISING MUD WT. TO CONTROL GAS
11/2/2007	06:00 - 12:00	6.00	DRL	1	DRILLING F/ 14935' TO 15044' W/ A ROP OF 18'/HR. / MUD WT. 12.3 VIS 55 W/ NO LOSSES / 10 TO 20' FLARE / RAISING MUD WT. TO CONTROL GAS
	12:00 - 13:00	1.00	RIG	1	RIG SERVICE / LUBRICATE RIG & TOP DRIVE
	13:00 - 18:00	5.00	DRL	1	DRILLING F/ 15044' TO 15206' W/ A ROP OF 32'/HR. / MUD WT. 12.8 VIS 59 W/ NO LOSSES / 10 TO 20' FLARE / RAISING MUD WT. TO CONTROL GAS
	18:00 - 06:00	12.00	DRL	1	DRILLING F/ 15206' TO 15500' W/ A ROP OF 25'/HR. / MUD WT. 13.0 VIS 55 W/ NO LOSSES / 10 TO 15' FLARE
11/3/2007	06:00 - 18:00	12.00	DRL	1	DRILLING F/ 15508' TO 15725' W/ A ROP OF 18'/HR. / MUD WT. 13.0 VIS 60 W/ NO LOSSES / 15 TO 20' FLARE / RAISING MUD WT. TO CONTROL GAS
	18:00 - 06:00	12.00	DRL	1	DRILLING F/ 15725' TO 15985' W/ A ROP OF 22'/HR. / MUD WT. 13.7 VIS 55 W/ NO LOSSES / 10 TO 15' FLARE / RAISING MUD WT. TO CONTROL GAS
11/4/2007	06:00 - 08:00	2.00	DRL	1	DRILLING F/ 15985' TO 16018' W/ A ROP OF 17'/HR. / MUD WT. 13.8 VIS 60 W/ NO LOSSES / 10 TO 15' DRILLING FLARE / HOLDING @ CURRENT MUD WT.
	08:00 - 09:00	1.00	RIG	1	RIG SERVICE / LUBRICATE RIG & TOP DRIVE
	09:00 - 18:00	9.00	DRL	1	DRILLING F/ 16018' TO 16180' W/ A ROP OF 18'/HR. / MUD WT. 13.8 VIS 65 W/ NO LOSSES / 10 TO 15' FLARE / HOLDING W/ A 13.8 PPG.
	18:00 - 21:30	3.50	DRL	1	DRILLING F/ 16180' TO 16235' W/ A ROP OF 16'/HR. / MUD WT. 13.8 VIS 54 W/ NO LOSSES / 10 TO 15' FLARE / HOLDING @ A CURRENT MUD WT.
	21:30 - 23:30	2.00	RIG	2	CHANGE SWIVEL PACKING / THE SPARE SWIVEL PACKING HAD DAMAGED THREADS & WOULD NOT WORK / USED THE OLD ONE W/ NEW WASH PIPE & PACKING
11/5/2007	23:30 - 06:00	6.50	DRL	1	DRILLING F/ 16270' TO 16315' W/ A ROP OF 7'/HR. / MUD WT. 13.8 VIS 56 W/ NO LOSSES / 5 TO 10' FLARE / HOLDING @ CURRENT MUD WT. / CHANGE TO DAYLIGHT SAVINGS TIME 1 HR.
	06:00 - 08:00	2.00	DRL	1	DRILLING F/ 16315' TO 16331' W/ A ROP OF 8'/HR. / MUD WT. 13.8 W/ NO LOSSES / 5 TO 10' FLARE
	08:00 - 09:00	1.00	CIRC	1	PUMP & SPOT 1.5 PPG. 82 BBL. PILL ON BOTTOM / PUMP SLUG
	09:00 - 09:30	0.50	SUR	1	DROP SURVEY - SURVEY DEPTH 16272'
	09:30 - 11:00	1.50	TRP	10	TRIP OUT OF THE HOLE F/ 16331' TO 14600' / TRIP OUT W/ WET PIPE / STRAPPING PIPE COMING OUT
	11:00 - 12:00	1.00	OTH		REMOVE MASTER BUSHINGS FROM DRILL STRING / SLIPS NEEDED TO BE KEPT WELL DOPED
	12:00 - 12:30	0.50	TRP	10	TRIP OUT OF HOLE F/ 14600' TO 13500'
	12:30 - 13:00	0.50	CIRC	1	PUMP SECOND SLUG ABOVE HEAVY PILL THAT WAS SPOTTED
	13:00 - 15:00	2.00	TRP	10	TRIPPING OUT OF HOLE F/ 13500' TO 11416' - CSG SHOE / TIGHT HOLE F/ 11435' TO 11416'
15:00 - 16:00	1.00	RIG	6	CUT & SLIP DRILL LINE	

Operations Summary Report

Well Name: WRU EIH 6D-5-8-23
 Location: 5- 8-S 23-E 26
 Rig Name: ENSIGN

Spud Date: 9/5/2007
 Rig Release: 11/22/2007
 Rig Number: 24

Date	From - To	Hours	Code	Sub Code	Description of Operations
11/5/2007	16:00 - 18:00	2.00	TRP	10	TRIP OUT OF HOLE F/ 11416' TO 9110' / PULLING WET PIPE
	18:00 - 23:00	5.00	TRP	10	TRIPPING OUT OF HOLE F/ 9110' TO SURFACE / BREAK OUT BIT & LAY DOWN MUD MOTOR / CLEAN RIG FLOOR / HOLE FILL WAS 20 BBLs. OVER PROJECTED
	23:00 - 01:30	2.50	TRP	1	PICK BIT #12, NEW MUD MOTOR, SURFACE TEST MUD MOTOR, TRIP IN HOLE W/ BHA CHANGE OUT DRILLING JARS
11/6/2007	01:30 - 06:00	4.50	TRP	2	TRIPPING IN HOLE W/ DRILL STRING FILLING PIPE EVERY 33 STDS.
	06:00 - 09:00	3.00	TRP	2	TRIPPING IN THE HOLE FILLING EVERY 33 STDS.
	09:00 - 10:00	1.00	TRP	2	INSTALL ROTATING HEAD @ SHOE 11416'
	10:00 - 11:00	1.00	REAM	1	SAFETY REAMING THROUGH SHOE / REAMED W/ 5 - 10 BIT WT.
	11:00 - 13:00	2.00	TRP	2	TRIPPING IN HOLE F/ 11435' TO 16115' / FILLING EVERY 33 STD.
	13:00 - 14:30	1.50	REAM	1	SAFETY REAMING F/ 16115' TO 16331'
	14:30 - 16:30	2.00	CIRC	1	CIRCULATE BOTTOMS UP W/ WELL SHUT IN / MUD WT. 13.8 VIS. 51 / NO LOSSES
	16:30 - 18:00	1.50	DRL	1	DRILLING F/ 16331' TO 16340' BREAKING BIT IN / ROP OF 6'/HR. / MUD WT. 13.8 VIS 48 / NO LOSSES
	18:00 - 19:00	1.00	DRL	1	DRILLING F/ 16340' TO 16354' W/ ROP OF 14'/HR. / MUD WT. 13.8 VIS 48 W/ NO LOSSES
	19:00 - 22:00	3.00	CIRC	2	WHILE DRILLING LOST TOTAL CIRCULATION 60 + BLS./HR. / BUILD & SPOT LCM PILL ON BOTTOM
11/7/2007	22:00 - 22:30	0.50	TRP	2	TRIP OUT 5 STDS. TO LET SPOTTED SOAK
	22:30 - 06:00	7.50	CIRC	1	CIRCULATE & CONDITION MUD / PUMP 100 BBLs. F/ PRE-MIX TO TANK 8 & BUILD LCM SWEEP / PUMP 200 BBLs. F/ PRE-MIX TO ACTIVE SYSTEM TO BUILD VOLUME / 200 BBLs. DELIVERED F/ UNIT RIG 111 TO BE PLACED IN PRE-MIX & WIEGHTED UP TO A. 13.5 PPG., BROUGHT LCM UP TO 12 TO 14% LCM IN PRE-MIX / STAGED STROKES UP TO 80 STKS./MIN & SEEN 20 BBL./HR. LOSSES
	06:00 - 09:30	3.50	CIRC	2	CIRCULATE & CONDITION BUILD VOLUME / WEIGHT UP PRE-MIX TANK F/ 11PPG. TO 13.6 BEFORE ATTEMPTING TO GO TO BOTTOM / DROP MUD WT F/ 13.8 TO 13.6
	09:30 - 10:00	0.50	TRP	2	TRIP BACK IN 5 STDS. MAKE UP TOP DRIVE & BREAK CIRCULATION W/ 65 STKS. 1550 PSI W/ NO LOSSES
	10:00 - 11:00	1.00	CIRC	1	STAGED PUMP UP F/ 65 TO 90 & PSI 2360 W/ NO LOSSES 6' OFF BOTTOM
	11:00 - 20:30	9.50	DRL	1	DRILLING F/ 16354' TO 16415' W/ MUD WT. 13.6 VIS 45 W/ NO LOSSES / ROP @ 6'/HR. THE LAST 3 HRS. DRILLED 3'/ INCREASED & DECREASED BIT WIEGHT TO ATTEMPT TO INCREASE ROP
	20:30 - 21:30	1.00	CIRC	1	CIRCULATE & CONDITION BUILDING SPOTTED PILL & SLUG TO TRIP OUT OF HOLE
	21:30 - 05:00	7.50	CIRC	1	CIRCULATE & CONDITION MUD DUE TO MUD WT. DECREASE F/ GAS CUT MUD 13.3 GOING IN 12.6 COMING OUT
	05:00 - 06:00	1.00	CIRC	1	CIRCULATE & CONDITION MUD FINISH BUILDING PILL 60 BBLs. 1.5 PPG. & 40 BBLs. 2.5 PPG OVER 13.6
	11/8/2007	06:00 - 08:00	2.00	CIRC	1
08:00 - 12:30		4.50	TRP	10	TRIP OUT HOLE WITH BIT
12:30 - 13:00		0.50	CIRC	3	LOAD TRIP TANK W/ 50 BBL
13:00 - 18:00		5.00	TRP	10	TRIP OUT HOLE WITH BIT
18:00 - 18:30		0.50	TRP	1	PICK UP AND LAY DOWN BHA
18:30 - 19:30		1.00	RIG	1	LUBRICATE RIG & TOP DRIVE & FUNCTIONED TOP PIPE RAMS AND CHANGED STAND PIPE PSI GAUGE
19:30 - 20:00		0.50	TRP	1	PU BHA & TEST MUD MOTOR AT 3 PUUMP RATES & MAKE UP BIT
20:00 - 04:30		8.50	TRP	2	TRIP IN HOLE & FILL EVERY 2 ROWS
04:30 - 06:00		1.50	REAM	1	WASH AND REAM FROM 16225' TO 16415'

Operations Summary Report

Well Name: WRU EIH 6D-5-8-23
 Location: 5- 8-S 23-E 26
 Rig Name: ENSIGN

Spud Date: 9/5/2007
 Rig Release: 11/22/2007
 Rig Number: 24

Date	From - To	Hours	Code	Sub Code	Description of Operations	
11/9/2007	06:00 - 18:00	12.00	REAM	1	REAM FROM 16380' TO 16415'	
	18:00 - 06:00	12.00	DRL	1	DRILL AHEAD 16415'-16430'	
11/10/2007	06:00 - 06:30	0.50	DRL	1	DRILL 2' 14430'-14432' DRILL INTO FRACTURE	
	06:30 - 14:30	8.00	CIRC	2	MIX AND PUMP 20% LCM SWEEPS TOTAL OF 400 BBLs, TOTAL LOSS 1600 BBLs, ROTATE AND CIRCULATE 50' OFF BTM	
	14:30 - 19:30	5.00	CIRC	6	SHUT DOWN FROM CIRCULATION & BUILD MUD VOLUME	
	19:30 - 21:00	1.50	CIRC	1	SPOT POLY SWELL SWEEP 50 BBL AT BOTTOM (PARTIAL RETURNS INTO DISPLACEMENT @2200 STKS)	
	21:00 - 22:30	1.50	TRP	2	TRIP OUT 21 STANDS @14691'	
	22:30 - 01:30	3.00	CIRC	6	CONDITION MUD AND BUILD VOLUME	
11/11/2007	01:30 - 06:00	4.50	CIRC	1	CIRCULATE GAS OUT (SHAKERS BYPASSED, 10% LCM IN THE SYSTEM, LOSSES 14 BBL/HR)	
	06:00 - 07:00	1.00	CIRC	1	CONDITION MUD & BUILD AND PUMP +2PPG PILL TO PULL DRY PIPE	
	07:00 - 10:30	3.50	TRP	10	TRIP OUT TO SHOE, WELL SWABBING	
	10:30 - 18:00	7.50	TRP	2	TRIP TO BOTTOM TO CIRCULATE GAS OUT,	
	18:00 - 22:30	4.50	CIRC	1	CONDITION MUD & CIRCULATE BOTTOMS UP 1000stks, RAW GAS 40-80' FLARE, MIX 14.6PPG PILL W/ 20% LCM 100BBLs TO SPOT ON BOTTOM @ 16400' & CHASE W/ 3000stks	
	22:30 - 23:00	0.50	TRP	10	TRIP OUT 5 STANDS WET	
	23:00 - 00:30	1.50	CIRC	1	BUILD 50 BBL 15.6PPG AND PUMP PILL	
	00:30 - 06:00	5.50	TRP	10	TRIP OUT TO SHOE	
	11/12/2007	06:00 - 09:00	3.00	CIRC	1	CONDITION MUD & CIRCULATE - SPOT 14.6 PILL @ THE SHOE
		09:00 - 10:30	1.50	TRP	10	TRIP OUT TEN STANDS WET
10:30 - 11:00		0.50	CIRC	1	PUMP 16 # PILL TO DRY UP STRING	
11:00 - 22:00		11.00	TRP	10	TRIP OUT THE HOLE W/BIT # 12 & FUNCTION TOP PIPE RAMS	
22:00 - 22:30		0.50	TRP	1	BREAK OFF BIT & LAY DOWN MUD MOTOR	
22:30 - 23:00		0.50	TRP	1	CLEAN FLOOR & MAKE UP BIT # 13 & PICK UP NEW MUD HUNTING MOTOR	
11/13/2007	23:00 - 06:00	7.00	TRP	10	TRIP IN HOLE & FILL EVERY 2 ROWS @ SHOE 11400	
	06:00 - 07:30	1.50	RIG	6	CUT DRILL LINE 200'	
	07:30 - 08:30	1.00	RIG	1	RIG SERVICE	
	08:30 - 10:00	1.50	CIRC	1	FILL PIPE & CIRCULATE BOTTOMS UP @ 11,4066 & CIRCULATE GAS OUT 40'FLARE	
	10:00 - 15:00	5.00	TRP	2	TRIP IN HOLE FILL EVERY 2 ROWS	
11/14/2007	15:00 - 16:30	1.50	REAM	1	SAFETY REAM 150' TO BOTTOM	
	16:30 - 06:00	13.50	DRL	1	DRILL FROM 16,432 TO 16,515	
	06:00 - 13:00	7.00	DRL	1	DRILL FROM 16,515 TO 16,545	
	13:00 - 14:00	1.00	RIG	1	LUBRICATE RIG & TOP DRIVE & FUNCTION ANNULAR	
	14:00 - 02:00	12.00	DRL	1	DRILL FROM 16,545 TO 16,610	
	02:00 - 04:30	2.50	CIRC	1	CIRC. BOTTOMS UP & PUMP 100BBLs LCM PILL AROUND & BUILD 100BBLs OF HEAVEY PILL 15.1	
11/15/2007	04:30 - 06:00	1.50	TRP	2	SPOT 100BBLs 15.1 PILL ON BOTTOM & TRIP OUT SLOW FOR LOGS	
	06:00 - 12:00	6.00	TRP	2	SPOT 100 BBLs 15.1 & TRIP OUT TO SHOE - SLOW @ 11610	
	12:00 - 14:00	2.00	CIRC	1	CIRCULATE BOTTOMS UP & GAS OUT (5 -15' FLAIR) SPOT 100 BBLs 15.1# PILL	
	14:00 - 23:00	9.00	TRP	2	FINISH TRIP OUT SLOW	
	23:00 - 23:30	0.50	TRP	1	LAY DOWN MONEL & MOTOR	
	23:30 - 00:00	0.50	RIG	7	HOLD SAFETY MEETING W/ SCHLUMBERGER & RIG UP LOGGERS	
	00:00 - 06:00	6.00	LOG	1	LOGGING WITH TRIPLE COMBO & SONIC & HIT SOMETHING @16140 - PULLED UP AND TRIDE IT AGAIN LOST HOLE EACH TIME @ STARTED	

Operations Summary Report

Well Name: WRU EIH 6D-5-8-23
 Location: 5- 8-S 23-E 26
 Rig Name: ENSIGN

Spud Date: 9/5/2007
 Rig Release: 11/22/2007
 Rig Number: 24

Date	From - To	Hours	Code	Sub Code	Description of Operations
11/15/2007	00:00 - 06:00	6.00	LOG	1	LOGGING AT 15800 (MONTIOR WELL ON LOGGING 5.4 BBLS & STATIC)
11/16/2007	06:00 - 17:00	11.00	LOG	1	FINISH LOGGING WITH TRIPLE BOMBO & SONIC / 2ND LOG NEUTRON
	17:00 - 19:00	2.00	TRP	2	-RESISTIVITY -SONIC & WENT IN SLICK TAG @ 16290 & RIG DOWN LOGGERS
	19:00 - 01:30	6.50	TRP	2	TRIP IN 9 DRILL COLLARS & LAY THEM DOWN
	01:30 - 02:30	1.00	CIRC	1	MAKE UP BIT & BIT SUB & HWDP & JARS & TRIP IN SLOW TO @ 9370
					FLOW STARTED INCREASING WHILE TRIPPING SCREW IN WITH THE TOP
					DRIVE & CIRCULATE GAS OUT THRU BUSTARD (40' - 65' FLAIR)
	02:30 - 06:00	3.50	TRP	2	STAGE IN EVERY TWO ROWS & CIRCULATE GAS OUT THRU CHOKE
11/17/2007	06:00 - 07:00	1.00	CIRC	1	FINISH CIRCULATING GAS OUT THRU CHOKE
	07:00 - 07:30	0.50	TRP	2	STAGE IN THE HOLE & FLOAT KNOT HOLDING
	07:30 - 08:30	1.00	CIRC	1	STOP & BUILD PILL TO STOP FLOAT FROM UTUBING.
	08:30 - 10:00	1.50	TRP	2	FINISH STAGEING IN THE HOLE (NO TIGHT SPOTS)
	10:00 - 11:30	1.50	REAM	1	PICK UP 12 JOINTS DRILL PIPE & WASH & REAM F/ 16,230 TO 16,610 - NO FILL
	11:30 - 06:00	18.50	CIRC	1	CIRCULATE & CONDITION THE MUD & SHAKE OUT THE LCM OUT OF THE SYSTEM (HAD CLAVERT MUD WITH HIGH VIS DO TO CO2 IN THE MUD FROM BOTTOMS UP)
11/18/2007	06:00 - 11:30	5.50	CIRC	2	CIRC. & CONDITION MUD & SHAKE OUT LCM @ 700 AM LOST FULL RETURNS PUMP 2) 100BBL SWEEPS 20% & PUMP 2) 50BBL POLEY SWELL SWEEPS
	11:30 - 15:00	3.50	CIRC	6	BUILD VOLUME IN THE SYSTEM / BUILD 600 BBLS (GOT PARSHALL RETURNS BACK)
	15:00 - 18:00	3.00	CIRC	2	PUMP 50 BBL POLEY SWEEP AROUND & CIRCULATE GAS OUT (LOST APPROX. 1500 BBLS MUD)
	18:00 - 20:00	2.00	CIRC	2	BUILD 100 LCM 20% & POLEY SWELL PILL & CIRCULATE GAS OUT (40-80' FLAIR)
	20:00 - 21:00	1.00	TRP	2	SPOT 100 BBL LCM PILL & TRIP OUT 10 STAND @ 1,5671
	21:00 - 06:00	9.00	CIRC	6	BUILD VOLUME
11/19/2007	06:00 - 12:30	6.50	CIRC	6	CONDITION MUD & BUILD VOLUME (1300 BBLS 13.6 & 10% LCM)
	12:30 - 13:30	1.00	TRP	2	TRIP IN THE HOLE 8 STANDS HIT BRIDGE @ 16,475
	13:30 - 15:00	1.50	REAM	1	WASH & REAM F/ 16,475 TO 16,610
	15:00 - 17:30	2.50	CIRC	1	CONDITION MUD & PUMP 100 BBL 15.2 PILL & CHASE W/ 2200 STROKES
	17:30 - 20:00	2.50	TRP	2	TRIP OUT SLOW TO SHOE @ 11,400
	20:00 - 21:30	1.50	RIG	2	REPAIR DRAWWORKS (TRANY CHAIN BROKE & REPLACED IT WITH NEW ONE)
	21:30 - 23:30	2.00	TRP	2	FINISHED TRIP TO THE SHOE @ 11,435
	23:30 - 03:00	3.50	CIRC	1	CIRCULATE GAS OUT (40' ON BTMS UP) & BUILD 100BBLS 15.2 TO SPOT
	03:00 - 03:30	0.50	CIRC	1	SPOT 100BBLS 15.2 & CHASE IT WITH 1200 STROKES @ 11,435
	03:30 - 06:00	2.50	TRP	3	HELD SAFETY MEETING WITH FRANKS & LAY DOWN 4" DRILL PIPE
11/20/2007	06:00 - 10:00	4.00	TRP	3	LAY DOWN DRILL PIPE
	10:00 - 13:00	3.00	TRP	2	TRIP IN 55 STANDS
	13:00 - 14:00	1.00	RIG	1	RIG SERVICE
	14:00 - 21:00	7.00	TRP	3	FINISH LAYING DOWN PIPE
	21:00 - 22:30	1.50	BOP	1	PULL HIGH PRESSURE HEAD & PULL WEAR BUSHING & PUT HIGH PRESSURE HEAD TOGETHER
	22:30 - 23:00	0.50	CSG	1	HELD SAFETY MEETING WITH FRANKS CASING
	23:00 - 01:00	2.00	CSG	1	CHANGE OUT BAILS & RIG UP CASING EQUIPMENT
	01:00 - 06:00	5.00	CSG	2	RUN 4.5" CASING IN SLOW (BREAKING CIRC. EVERY 10 JOINTS)
11/21/2007	06:00 - 15:00	9.00	CSG	2	STAGE IN CASING / FILL EVERY 10 JTS. TO SHOE @ 11,400'
	15:00 - 16:00	1.00	CIRC	1	CIRCULATE BTMS UP (40' FLAIR)
	16:00 - 19:30	3.50	CSG	2	STARTED RUNNING CASING IN OPEN HOLE & FILL EVERY 15 JTS. STOP @ 14,801
	19:30 - 20:30	1.00	CIRC	1	CIRULATE GAS OUT @ 14,801 (40 TO 60' FLAIR)
	20:30 - 22:00	1.50	CSG	2	FINISH RUNNING CASING IN & FILL EVERY 20 JTS TAG @ 16,415

Operations Summary Report

Well Name: WRU EIH 6D-5-8-23
 Location: 5- 8-S 23-E 26
 Rig Name: ENSIGN

Spud Date: 9/5/2007
 Rig Release: 11/22/2007
 Rig Number: 24

Date	From - To	Hours	Code	Sub Code	Description of Operations	
11/21/2007	22:00 - 01:00	3.00	REAM	1	WASH F/ 16,415 TO 16,590	
	01:00 - 05:00	4.00	CIRC	1	CIRCULATE GAS OUT & RIG DOWN CASING CREW & LAY DOWN MACHINE	
	05:00 - 06:00	1.00	CMT	1	SAFETY MEETING WITH CEMENTERS & RIG UP CEMENTERS RIG DOWN SELF FILLER & RIG UP CEMENT HEAD TO CEMENT	
11/22/2007	06:00 - 07:30	1.50	CMT	2	CEMENT W/ HALLIBURTON PRESSURE TEST LINES TO 12000 PSI. / PUMP 25 BBLs. 13.6 PPG. @ 5 BPM SPACER / DROP BOTTOM PLUG DURING MIDDLE OF SPACER / PUMP 820 SACKS 13.7 PPG. PRIMARY CEMENT / DROP TOP PLUG / PUMP 10 BBLs. CLAYFIX II WATER W/ 1 GAL. MMCR 3 BPM. / PUMP 140 BBLs. CLAY FIX II WATER @ 3 BPM. / PUMP 86 BBLs. CLAYFIX II WATER @ 2 BPM. / LOST RETURNS 180 BBLs. INTO DISPLACEMENT. / BUMP PLUG W/ 500 PSI. OVER & HELD FOR 10 MIN. / BLEED OFF W/ 4 BBLs. BACK / CLOSED ANNULAR & OPEN HCR TO MONITOR PRESSURE ON BACK SIDE WAIT ON CEMENT W/ WELL SHUT IN TO MONITOR PRESSURE ON BACK SIDE.	
	07:30 - 15:00	7.50	WOT	1		
	15:00 - 18:00	3.00	BOP	1	NIPPLE DOWN BOP'S TO SET SLIPS / WHILE NIPPLING DOWN GO TO RIG UP QUICK TESTS BOP JACKS & FOUND EQUIPMENT PROBLEMS	
	18:00 - 19:30	1.50	BOP	1	NIPPLE DOWN & RIG UP QUICK TESTS BOP JACKS	
	19:30 - 21:30	2.00	CSG	7	PICK BOP STACK UP & SET SLIP W/ 190K	
	21:30 - 23:00	1.50	CSG	7	RIG DOWN BOP JACKS	
	23:00 - 03:30	4.50	LOC	7	FINISH NIPPLING DOWN ROTATING HEAD / GET TOP DRIVE READY TO RIG DOWN / ALL WHILE CLEANING MUD TANKS & WINTERIZING RIG	
	03:30 - 06:00	2.50	RIG	6	CUT 128' DRILL LINE & SPOOL BACK DRILL LINE TO LAY TOP DRIVE DOWN // RIG RELEASED @ 0600AM ON 11-22-2007	

NOTICE

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

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

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

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

Operator: Questar Exploration & Production Co Today's Date: 02/14/2008

Well: API Number: Drilling Commenced:

See Attachment

43 047 38994
WRU EIH 6D-5-8-23
8S 23E 5

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

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

If you have questions or concerns regarding this matter, please call (801) 538-5284.

cc: Well File
Compliance File

Well:		API Number:	Commenced:
WV 5W-36-7-21	drlg rpts/wcr	4304734099	05/29/2003
WV 4D-12-8-12	drlg rpts/wcr	4304734268	09/26/2003
WVX 11D-22-8-21	drlg rpts/wcr	4304734902	03/15/2005
WV 3DML-13-8-21	drlg rpts/wcr	4304737923	09/27/2006
FR 7P-36-14-19	drlg rpts/wcr	4304738992	02/05/2007
SU 8M-12-7-21	drlg rpts/wcr	4304736096	03/18/2007
WV 12AD-8-8-22R	drlg rpts/wcr	4304739321	05/10/2007
WRU EIH 7AD-35-8-22	drlg rpts/wcr	4304738641	06/08/2007
RWS 14D-6-9-24	drlg rpts/wcr	4304737414	07/20/2007
RW 34-27ADR	drlg rpts/wcr	4304739445	08/07/2007
NBZ 8D-31-8-24	drlg rpts/wcr	4304737238	08/27/2007
WRU EIH 6D-5-8-23	drlg rpts/wcr	4304738994	09/04/2007
WRU EIH 9CD-26-8-22	drlg rpts/wcr	4304738649	10/03/2007



Questar Exploration and Production Company

Independence Plaza
1050 17th Street, Suite 500
Denver, CO 80265
Tel 303 672 6900 • Fax 303 294 9632

Rocky Mountain Region

January 30, 2008

Division of Oil, Gas and Mining
P.O. Box 145801
Salt Lake City, UT 84114-5801

To whom it may concern:

Enclosed for approval, please find Questar Exploration and Production Company's Sundry Notice of commingling for the WRU EIH 6D-5-8-23 well located in T8S-R23E-Sec. 5: SENW.

Should you have any questions, please do not hesitate to contact me at (303) 308-3048 or by email at chad.matney@questar.com.

When available, it would be appreciated if an approved copy was sent to the undersigned at the letterhead address above.

Very truly yours,

Chad W. Matney
Associate Landman

Enclosure

RECEIVED

FEB 01 2008

DIV. OF OIL, GAS & MINING

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.
UTSL-071803-A

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 6D-5-8-23

9. API Well No.
43-047-38994

10. Field and Pool, or Exploratory Area
UNDESIGNATED

11. County or Parish, State
UINTAH COUNTY, UTAH

SUBMIT IN TRIPLICATE

1. Type of Well
Oil Gas
 Well Well Other

2. Name of Operator
QEP UINTA BASIN, INC.

3. Address and Telephone No. **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)
SE/NW Sec 5, T8S, R23E; 2016' FNL, 2178' FWL

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

(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 6D-5-8-23. 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 Mesa Verde and Mancos formations. Based upon offset production logs, the proposed initial allocation is as follows: Mesa Verde - 40%; Mancos - 60%.

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 *Michael Stahl* Title **Sr. Petroleum Engineer** Date **1/29/2008**

(This space for Federal or State office use)

Approved by: *[Signature]* Title **Federal Approval Of This Action Is Necessary** 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.

COPY SENT TO OPERATOR

RECEIVED
FEB 01 2008

Date: **2-25-2008** ***See instruction on Reverse Side**

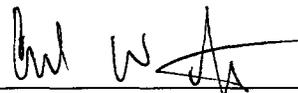
Initials: **KS** **DIV. OF OIL, GAS & MINING**

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 Market Resources in the capacity as a Landman. My business address is Independence Plaza
1050 17th Street, Suite 500
Denver, CO 80265
- 2. In my capacity as a Landman, pursuant to the provisions of Utah Administrative Rule 615-3-22 I have provided a copy of Questar Market Resource's application for completion of the WRU EIH 6D-5-8-23 well into two or more pools, in the form of Utah Division of Oil, Gas and Mining's Form 9 Sundry Notice, to owners of all contiguous oil and gas leases or drilling units overlying the pools which are the subject of that application.
- 3. In my capacity as a Landman I am authorized to provide such notice of Questar Market Resource's application to contiguous owners and to make this affidavit on this 30th day of January, 2008.

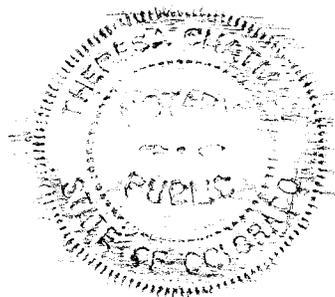


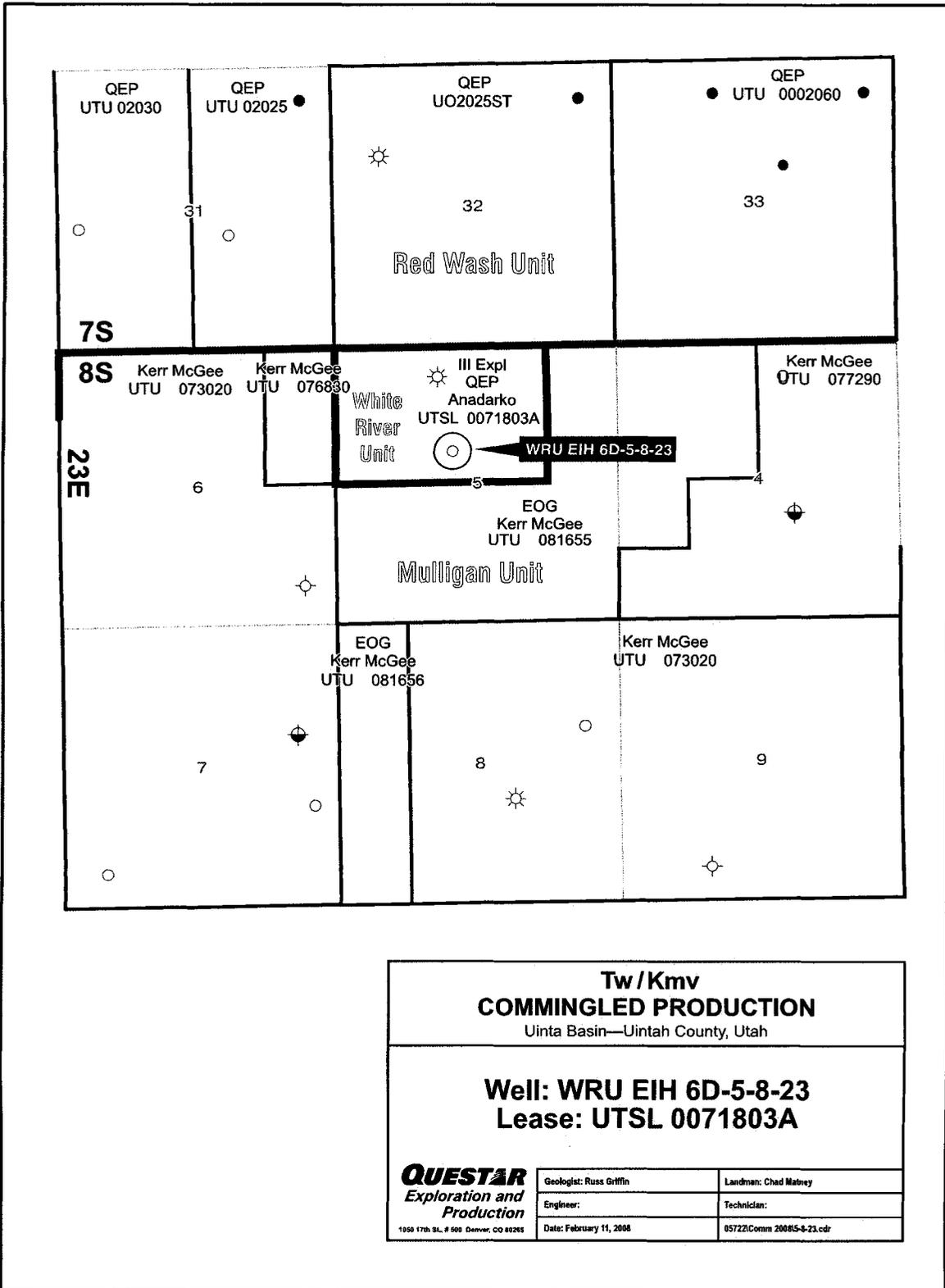
Printed Name: Chad W. Matney

The foregoing instrument was sworn to and subscribed to before me this 30th day of January, 2008, by Chad W. Matney.


Notary Public

My Commission expires: 7/7/11





Tw / Kmv
COMMINGLED PRODUCTION
 Uinta Basin—Uintah County, Utah

Well: WRU EIH 6D-5-8-23
Lease: UTSL 0071803A

QUESTAR
 Exploration and
 Production

1950 17th St., # 500 Denver, CO 80265

Geologist: Russ Griffin

Engineer:

Date: February 11, 2008

Landman: Chad Matney

Technician:

05722/Comm 2008S-4-23.cdr

From: "Chad Matney" <Chad.Matney@questar.com>
To: "Dustin Doucet" <dustindoucet@utah.gov>
Date: 2/21/2008 10:14 AM
Subject: RE: WRU EIH 6D-5-8-23 Commingling Application
Attachments: COMM PROD WRU EIH 6D-5-8-23.pdf

Hi Dustin,

Attached is the plat, it should show all parties that received notice of the commingling. I'm not sure why it wasn't in your packet, sorry about that.

This "piece" of the White River Unit is actually the area where there isn't a difference in ownership between depth intervals, all depths are owned the same here, so we don't have any of the issues that have come up in the other area of the White River Unit.

Let me know if you have any other questions.

Thanks,

Chad W. Matney
Associate Landman
Questar Exploration and Production Company
1050 17th Street - Suite 500
Denver, CO 80265
Direct: (303) 308-3048
Fax: (303) 295-0222

-----Original Message-----

From: Dustin Doucet [mailto:dustindoucet@utah.gov]
Sent: Thursday, February 21, 2008 9:12 AM
To: Chad Matney
Subject: WRU EIH 6D-5-8-23 Commingling Application

Chad,

I received the referenced application. It did not however contain a plat or list of the contiguous owners that you sent the request to. Could you please email that to me? I will attach it to your request and process. A couple of other questions. Is there different ownership between the Mesaverde and Mancos? I know there is between the Wasatch and other formations in this portion of the WRU. Is the BLM requiring separate allocation in this case? Thanks for your time.

Dustin

Dustin K. Doucet
Petroleum Engineer
Utah Division of Oil, Gas and Mining
Oil and Gas Program
1594 West North Temple, Suite 1210
Salt Lake City, UT 84116

Phone: (801) 538-5281

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

CONFIDENTIAL

5. LEASE DESIGNATION AND SERIAL NO.
UTSL-071803A

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

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 _____

7. UNIT AGREEMENT NAME
WHITE RIVER UNIT

8. FARM OR LEASE NAME
N/A

2. NAME OF OPERATOR
QUESTAR EXPLORATION & PRODUCTION CO.

9. WELL NO.
WRU EIH 6D 5 8 23

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

10. FIELD AND POOL, OR WILDCAT
WHITE RIVER

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface **2016' FNL, 2178' FWL, SENW, SEC 5-T8S-R23E**
At top rod. interval reported below **2016' FNL, 2178' FWL, SENW, SEC 5-T8S-R23E**
At total depth **2016' FNL, 2178' FWL, SENW, SEC 5-T8S-R23E**

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA
SEC 5-T8S-R23E

14. PERMIT NO. **43-047-38994** DATE ISSUED _____
12. COUNTY OR PARISH **UINTAH** 13. STATE **UT**

15. DATE SPUNDED **9/4/07** 16. DATE TD REACHED **11/13/07** 17. DATE COMPL. (Ready to prod.) **1/23/08** 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* **KB** 19. ELEV. CASINGHEAD _____

20. TOTAL DEPTH, MD & TVD **16,610'** 21. PLUG BACK TD, MD & TVD **16,360' (CIBP)** 22. IF MULTIPLE COMPL., HOW MANY* _____ 23. INTERVALS DRILLED BY _____ ROTARY TOOLS **YES** CABLE TOOLS **NO**

24. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)*
SEE ATTACHMENT PG 1
MCR Resistivity, CBL, CCL, GR, VDL Pex, DSI, CN, AIT

25. WAS DIRECTIONAL SURVEY MADE
NO

26. TYPE ELECTRIC AND OTHER LOGS RUN
COMP NEUTRON AL, COMP NEUTRON/LITHO/ARRAY INDUC., DIPOLE SONIC IMAGER/GR, CBL/VDL/GR

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#	1,123'	15"	900 SXS	
7"	26# & 29#	11,414'	8-3/4"	1570 SXS	
4-1/2"	15.1#	16,590'	6-1/8"	820 SXS	

29. LINER RECORD

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

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)

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

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
SEE ATTACHMENT PG 1	SEE ATTACHMENT PG 1

33.* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump)	WELL STATUS (Producing or shut-in)					
1/23/08	FLOWING	PRODUCING					
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PRODN FOR TEST PERIOD	OIL--BBL.	GAS--MCF.	WATER--BBL.	GAS-OIL RATIO
2/5/08	24	20	→	121	2,292	1,030	
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL--BBL.	GAS--MCF	WATER--BBL.	OIL GRAVITY-API (CORR.)	
N/A	2,000	→					

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

35. LIST OF ATTACHMENTS
WELLBORE SCHEMATIC & PERFORATION DETAIL ATTACHMENT PAGE ONE

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

SIGNED **JIM SIMONTON** *Jim Simonton* COMPLETION SUPERVISOR DATE **3/26/08**

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

RECEIVED

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 6D 5 8 23

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TOP	TRUE VERT. DEPTH
UINTA	SURFACE			UINTA	SURFACE		
GREEN RIVER	2740'			GREEN RIVER	2740'		
WASATCH	6080'			WASATCH	6080'		
MESA VERDE	8740'			MESA VERDE	8740'		
CASTLE GATE	10710'			CASTLE GATE	10710'		
BLACKHAWK	11035'			BLACKHAWK	11035'		
MANCOS SHALE	11450'			MANCOS SHALE	11450'		
MANCOS 'B'	11940'			MANCOS 'B'	11940'		
FRONTIER	14715'			FRONTIER	14715'		
DAKOTA SILT	15615'			DAKOTA SILT	15615'		
DAKOTA	15815'			DAKOTA	15815'		
MORRISON	16215'			MORRISON	16215'		
TD	16610'			TD	16610'		

CONFIDENTIAL

WRU EIH 6D 5 8 23 – ATTACHMENT PAGE ONE
PERFORATION DETAIL:

Open Perfs	Stimulation					Interval
10236' – 10238'	Frac w/	61,500	Lbs in	83,958	Gals	Open - LMV
10306' – 10308'						Open - LMV
10323' – 10325'						Open - LMV
10413' – 10415'						Open - LMV
10504' – 10506'						Open - LMV
10580' – 10582'						Open - LMV
10586' – 10588'						Open - LMV
10727' – 10729'	Frac w/	80,750	Lbs in	92,610	Gals	Open - LMV
10734' – 10738'						Open - LMV
10849' – 10851'						Open - LMV
10949' – 10951'						Open - LMV
11006' – 11010'						Open - Sego
11445' – 11449'	Frac w/	84,500	Lbs in	151,788	Gals	Open – Blackhawk
11486' – 11488'						Open – Blackhawk
11540' – 11542'						Open – Blackhawk
11662' – 11664'						Open – Mancos B
11825' – 11827'						Open – Mancos B
11940' – 11942'						Open – Mancos B
12204' – 12206'	Frac w/	38,000	Lbs in	130,620	Gals	Open – Mancos B
12298' – 12300'						Open – Mancos B
12378' – 12380'						Open – Mancos
12476' – 12478'						Open – Mancos
12511' – 12513'						Open – Mancos
12625' – 12627'						Open – Mancos
12709' – 12711'						Open – Mancos
12838' – 12840'	Frac w/	39,800	Lbs in	134,400	Gals	Open - Mancos
12968' – 12970'						Open - Mancos
13068' – 13070'						Open - Mancos
13134' – 13136'						Open - Mancos
13186' – 13188'						Open - Mancos
13255' – 13257'						Open - Mancos
13329' – 13331'						Open - Mancos
13453' – 13455'	Frac w/	39,000	Lbs in	133,644	Gals	Open - Mancos
13523' – 13525'						Open - Mancos
13642' – 13644'						Open - Mancos
13773' – 13775'						Open - Mancos
13820' – 13822'						Open - Mancos
13862' – 13864'						Open - Mancos
13964' – 13966'						Open - Mancos

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14095' - 14097'	}						Open - Mancos
14198' - 14200'							Open - Mancos
14251' - 14253'							Open - Mancos
14398' - 14400'		Frac w/	36,400	Lbs in	142,380	Gals	Open - Mancos
14437' - 14439'							Open - Mancos
14542' - 14544'							Open - Mancos
14628' - 14630'							Open - Mancos
14732' - 14734'	}						Open - Mancos
14785' - 14787'							Open - Mancos
14874' - 14876'							Open - Mancos
14977' - 14979'		Frac w/	29,400	Lbs in	119,028	Gals	Open - Mancos
15084' - 15086'							Open - Mancos
15197' - 15199'							Open - Frontier
15251' - 15253'							Open - Frontier
15409' - 15411'	}						Open - Frontier
15506' - 15508'							Open - Frontier
15600' - 15602'							Open - Frontier
15679' - 15681'		Frac w/	25,500	Lbs in	117,096	Gals	Open - Frontier
15752' - 15754'							Open - Frontier
15818' - 15820'							Open - Frontier
15903' - 15905'							Open - Frontier
16008' - 16010'	}						Open - Frontier
16075' - 16078'		Frac w/	30,400	Lbs in	138,096	Gals	Open - Dakota Silt
16159' - 16162'							Open - Dakota Silt
16384' - 16389'	}						Open - Dakota
16406' - 16411'							Open - Dakota
16424' - 16429'							Open - Dakota
16463' - 16468'		Frac w/	315,000	Lbs in	184,800	Gals	Open - Dakota
16482' - 16487'							Open - Dakota
16525' - 16530'							Open - Dakota

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FIELD: White River

GL: 5,326' KBE: 5,347'

Spud Date: 9/4/07 Completion date: 1/24/08

Well: WRU EIH 6D-5-8-23

TD: 16,610' PBD: 16,588'

Current Well Status: Flowing Gas Well

Location - surface: SENW Sec. 5, T8S, R23E 2016' FNL, 2178' FWL
Location - bottom hole: Same
API#: 43-047-38994
Uintah County, Utah

Reason for Pull/Workover: Initial completion

Deviation:

Wellbore Schematic

Surface casing

Size: 10.75"
Weight: 40.5#
Grade: J-55
Set @ 1123
Cmtd w/ 900
Hole size: 15"

Intermediate Casing

Size: 7"
Weight: 26 & 29#
Grade: HCP-110
Set @ 11,414
Cmtd w/ 1570
Hole size: 8-3/4"

Int. Liner

Size:
Weight:
Grade:
Set @ (top)
Shoe @
Cmtd w/
Hole size:

Production Casing

Size: 4-1/2"
Weight: 15.1#
Grade: P-110 & Q-125
Set @ 16590
Cmtd w/ 820 sks
Hole Size: 6-1/8"
NOTE: lost circ. 180 bbl into disp

TOC @'

L. Mesaverde

10236-38'
10306-08'
10323-25'
10413-15'
10504-06'
10580-82'
10586-88'

10727-29'
10734-38'
10849-51'
10949-51'

Sego

11006-10'
11445-49'
11486-88'
11540-42'

Mancos B

11662-64'
11825-27'
11940-42'

12204-06'
12298-00'

Mancos

12378-80'
12476-78'
12511-13'
12625-27'
12709-11'

12838-40'
12968-70'
13068-70'
13134-36'
13186-88'
13255-57'
13329-31'

13453-55'
13523-25'
13642-44'
13773-75'
13820-22'
13862-64'
13964-66'

Mancos

14095-97'
14298-00'
14251-53'
14398-00'
14437-39'
14542-44'
14628-30'

14732-34'
14785-87'
14874-76'
14977-79'
15084-86'

Frontier

15197-99'
15251-53'
15409-11'
15506-08'
15600-02'
15679-81'
15752-54'
15818-20'
15903-05'
16008-10'

Dakota Silt

16075-78'
16159-62'

CIBP @ 16360'

Tubing Landing Detail:

Description	Size	Footage	Depth
KB		21.00	21.00
			21.00
			21.00
			21.00
			21.00
			21.00
EOT @			21.00
CIBP SET @ 16360'			21.00

Tubing Information:

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

Wellhead Detail: Example: 7-1/16" 3000#
4 1/16" 15k

Other: _____
Hanger: Yes _____ No

SUMMARY

12-27-07 to 1-12-08. MIRU Cutters WL. Perforate, Frac & test Dakota 16384-16530'.

Dakota

Zone 1 - Gross interval 16384'-16530'. Frac w/ 5,000#
100 mesh & 310,000# 30/50 ceramic sand

1-12-08 Set CIBP @ 16360'

Dakota Silt/Frontier

Zone 2 - Gross interval 16008-16162'. Frac w/ 30,400# 30/60 Stinterlite sand
Zone 3 - Gross interval 15409'-15905'. Frac w/ 25,500# 30/50 Stinterlite sand

Mancos /Frontier

Zone 4 - Gross interval 14732-15253'. Frac w/ 29,400# 30/60 Stinterlite sand
Mancos

Zone 5 - Gross interval 14095-14630'. Frac w/ 36,400# 30/60 Stinterlite sand
Zone 6 - Gross interval 13453-13966'. Frac w/ 39,000# 30/60 Stinterlite sand
Zone 7 - Gross interval 12838-13331'. Frac w/ 39,800# 30/60 Stinterlite sand

Mancos/Mancos B

Zone 8 - Gross interval 12204-12711'. Frac w/ 38,000# 30/60 Stinterlite sand
Blackhawk & Mancos

Zone 9 - Gross interval 11445-11942'. Frac w/ 84,500# 30/60 Stinterlite sand
L. Mesaverde/Sego

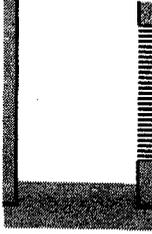
Zone 10 - Gross interval 10727-11010'. Frac w/ 80,750# 20/40 CRC sand
L. Mesaverde

Zone 11 - Gross interval 10236-10588'. Frac w/ 61,500# 20/40 CRC sand

1-22-08 to 1-30-08 MIRU CTDOE. Drill out plugs and clean to CIBP @ 16360'.
Turn well down sales and flow back well thru IPS flow back equipment.

EXCLUDED PERFS

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Dakota
16384-89'
16406-11'
16424-29'
16463-68'
16482-87'
16525-30'

PBTD @ 16588 '
TD @ 16610 '

Revised by Dahn Caldwell on 3/27/08
Prepared By: Todd Seiffert

Date: 1-30-08

CONFIDENTIAL

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. Lease Designation and Serial No.
UTSC-071803

6. If Indian, Allottee or Tribe Name
NA

7. If Unit or CA, Agreement Designation
White River Unit

8. Well Name and No.
WRU EIH 6D-5-8-23

9. API Well No.
43047389940000

10. Field and Pool, or Exploratory Area
White River

11. County or Parish, State
UINTAH, UT

SUBMIT IN TRIPLICATE

1. Type of Well
Oil Gas
 Well Well Other

2. Name of Operator
QEP Uinta Basin, Inc.

3. Address and Telephone No.
11002 E. 17500 S. Vernal, UT 84078, (435) 781-4331

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
2016 FNL 2178 FWL, SECTION 5, T8S, R23E

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 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>Wildcat tax credit application</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)

Questar requests that the wildcat tax credit be applied to the WRU EIH 6D-5-8-23. This is the first well in the Mancos / Dakota pool within a one mile radius (see attached map). Offset wells include:

Well Name	API	TD	Formation at TD
- KWF 6-1	43047336650000	9450	Mesaverde (D&A)

APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING

DATE: 9/25/08
BY: [Signature]

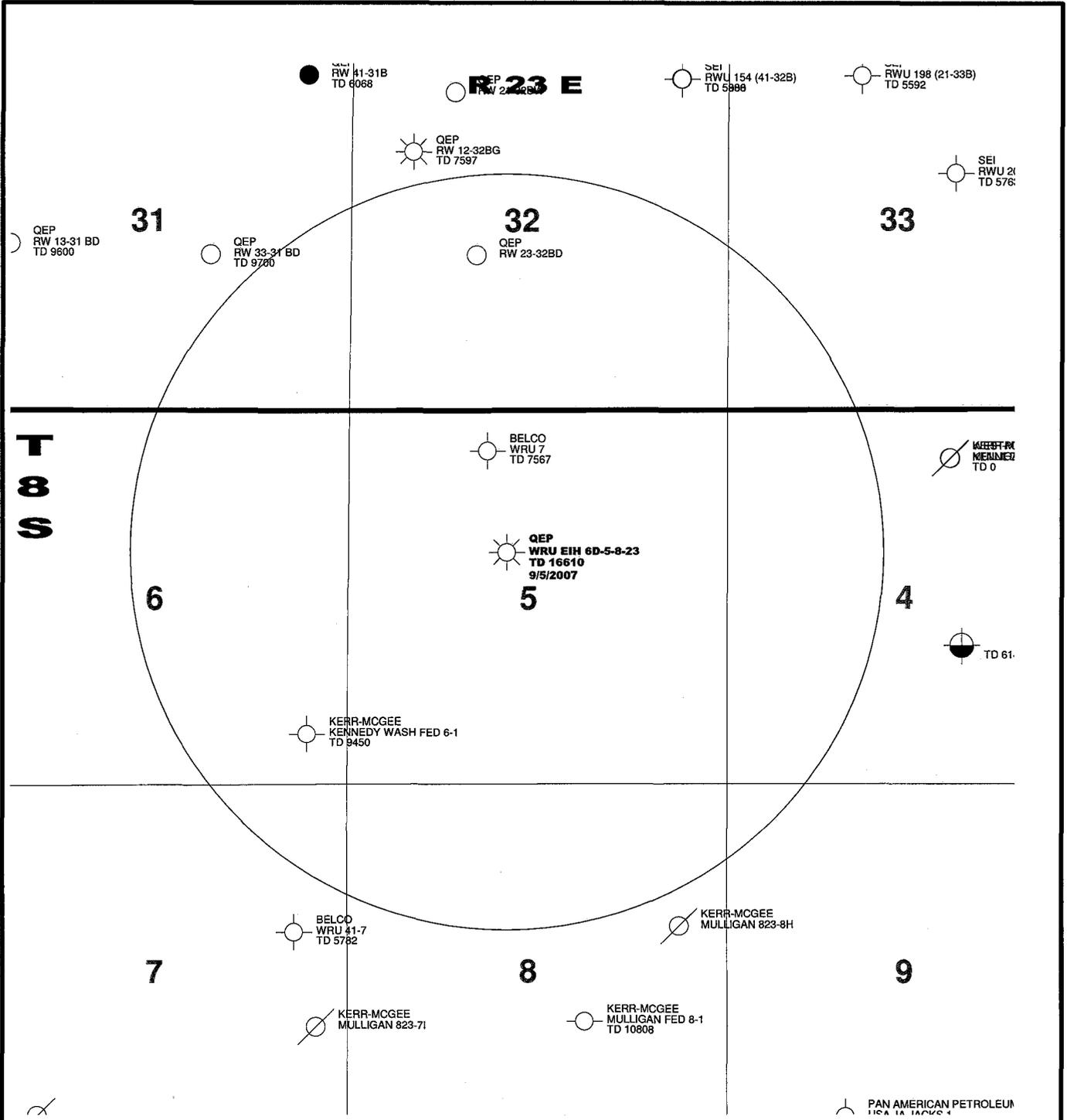
* See attached Statement of Basis
cc: Tax Commission (e-mailed)

RECEIVED
JUN 02 2008

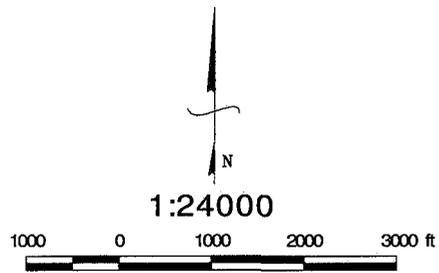
14. I hereby certify that the foregoing is true and correct.
Signed [Signature] Title Sr Geologist Date 21 May 08

(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.



Well Status	
	D&A
	GAS
	LOC
	OIL
	SI



1050 17 th , Suite 500 Denver, Colorado 80265 303 672-6900	QUESTAR Exploration & Production
WRU EIH 6D-5-8-23	
Date: May 12, 2008	Geologist:
Landman:	Geophysicist:
Engineer:	File:...\Uinta\CJO_RAGTaxCr\ WRU EIH 6D-5-8-23

Fluid Entry Results

Company: Questar Exploration & Production
 Well: WRU EIH 6D-5-8-23
 Date: 1-Apr-08
 Field:

Metered Rates Gas: .880 mmcf/d
 Water: 300 B/D

NOTE: Only perfs that are contributing towards production are listed. Please see "Data Cover" for a list of all perfs.

Reservoir Zone	Perforations Depth (ft)	Gas		Water	
		Surface mmcf/d	%	Surface B/D	%
Lower Mesa Verde	10311-10313	0.101	10.52%	302.0	100.00%
Lower Mesa Verde	10585-10587	0.057	5.94%		
Lower Mesa Verde	10855-10857	0.066	6.88%		
Mancos	13526-13528	0.164	17.08%		
Mancos	13645-13647	Trace	--		
Mancos	13968-13970	0.037	3.85%		
Mancos	14098-14100	Trace	--		
Mancos	14201-14203	Trace	--		
Mancos	14545-14547	0.050	5.21%		
Mancos	14631-14633	Trace	--		
Mancos	14735-14737	0.037	3.85%		
Mancos	14788-14790	0.034	3.54%		
Mancos	14980-14982	0.014	1.46%		
Frontier	15198-15200	0.109	11.35%		
Frontier	15252-15254	Trace	--		
Frontier	15601-15603	0.012	1.25%		
Frontier	15679-15681	0.099	10.31%		

Frontier	15818-15820	0.006	0.63%		
Frontier	16008-16010	0.102	10.63%		
Dakota Silt	16075-16078	0.020	2.08%		
Dakota Silt	16159-16162	0.052	5.42%		

Total: .960 mmcf/d 100% 302 B/D 100%

DIVISION OF OIL, GAS AND MINING
Wildcat Well Determination
STATEMENT OF BASIS

Applicant: QEP Uinta Basin, Inc.

Location: SENW Sec. 5 T8S, R23E, Uintah County, Utah

WELL NAME: WRU EIH 6D-5-8-23 **API#:** 43-047-38994

FINDINGS

1. The subject well produces from the **Mesa Verde, Mancos, Frontier and Dakota** formations according to Division records.
2. The subject well was > 1 mile from known production in these formations at the time of first commercial production on January 23, 2008. See Attachment A for summary of historical wells within the one (1) mile area of review.
3. The subject well is approximately 3810' from the KENNEDY WASH FED 6-1 well (API # 43-047-33665). This well was drilled to the Mesa Verde formation, but never produced.

CONCLUSIONS

Based on the findings above the Division has determined the WRU EIH 6D-5-8-23 well was drilled into an unknown area for all formations listed above. Therefore, the Division finds that this well qualifies for the severance tax exemption under Section 59-5-102(2)(d) for wildcat wells for production from these formations. This determination was made in accordance with Oil and Gas General Conservation Rule R649-3-35 and the definition of a wildcat well in R649-1-1.

Reviewer(s): Dustin K. Doucet 

Date: 9/25/2008

Joshua J. Payne

Date: August 20, 2008

CC: Utah State Tax Commission
ATTN: Ken Petersen

ATTACHMENT A

1 Mile Area of Review

API	WELL NAME	Well Status	QTR	Sect	Town	Range	Cum Oil	Cum Gas	Field Type	Dx from Well(ft)	Rotary Spud	Date TD Reached	Date First Produced	Producing Formation
4304739182	RW 23-32BD	APD	NESW	32	070S	230E	0	0	E	4164				Morrison (Proposed)
4304738994	WRU EIH 6D-5-8-23	PGW	SENW	05	080S	230E	6247	148227	E	0		11/13/2007	1/23/2008	Mesa Verde-Mancos-Frontier-Dakota
4304733665	KENNEDY WASH FED 6-1	PA	SESE	06	080S	230E	0	0	E	3810		9-13-01		Mesa Verde PA 9-17-01
4304715079	WRU 7	PA	NENW	05	080S	230E	0	86585		1443			6/12/1962	Wasatch



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>

4304738994
T8SR23E Sec 5



IN REPLY REFER TO
3180
UT-922

2/26/09
WRU EIH MW
68-5-8-23

February 26, 2009

Questar Exploration & Production Co.
1050 17th Street, Suite 500
Denver, Colorado 80265

Re: Initial Wasatch Formation PA "B"
White River Unit
Uintah County, Utah

Gentlemen:

Your request for an amendment to the Initial Wasatch Formation Participating Area "B", White River Unit, CRS No. UTU63021C, AFS No. 891003509C is hereby approved effective as of January 1, 2008. The amendment adds the Mesaverde, Mancos and Dakota Formations to the existing participating area. The participating area will now be designated the Initial Wasatch-Mesaverde-Mancos-Dakota Formation Participating Area "B". =16415 WRM MFD

Please advise all interested parties of the amendment to the Initial Wasatch-Mesaverde-Mancos-Dakota Formation Participating Area "B".

Sincerely,

/s/ Becky J. Hammond

Becky J. Hammond
Chief, Branch of Fluid Minerals

bcc: MMS-MRM (Leona Reilly)
UDOGM
SITLA
FOM - Vernal
White River Unit File
Fluids - Mickey
Agr. Sec. Chron
Reading File
Central Files

UT922:LWilcken:2/26/09

RECEIVED
MAR 16 2009
DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

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

5. Lease Serial No. **UTSL-071803-A**

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

SUBMIT IN TRIPLICATE – Other instructions on page 2.

1. Type of Well
 Oil Well Gas Well Other

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

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

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

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
2016' FNL 2178' FWL, SENW, SECTION 5, T8S, R23E

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

8. Well Name and No.
WRU EIH 6D-5-8-23

9. API Well No.
43-047-38994

10. Field and Pool or Exploratory Area
UNDESIGNATED

11. Country or Parish, State
UINTAH, UTAH

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

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

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

In Compliance with the Administrative Utah code for drilling and operating practice R649-3-22, completion into two or more pools. Questar Exploration & Production Company hereby requests the commingling of production between intervals in the WRU EIH 6D-5-8-23. Questar considers this commingling to be in the public interest in that it promotes maximum ultimate economic recovery, prevents waste, provides for orderly and efficient production of oil and gas and presents no detrimental effects from commingling the gas streams.

Questar requests approval for the commingling of production of the Dakota and Mancos intervals. Based upon offset production logs, the proposed initial allocation is as follows: Dakota - 40% ; Mesa Verde - 23%; Mancos - 37%.

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

COPY SENT TO OPERATOR

Date: 5.18.2009

Initials: KS

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

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

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

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

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

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

RECEIVED

APR 16 2009

AFFIDAVIT OF NOTICE

STATE OF COLORADO)
) ss:
COUNTY OF DENVER)

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

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

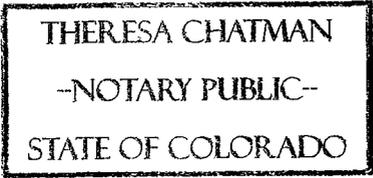
Independence Plaza
1050 17th Street, Suite 500
Denver, CO 80265

- 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 6D-5-8-23 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 10th day of April 2009.

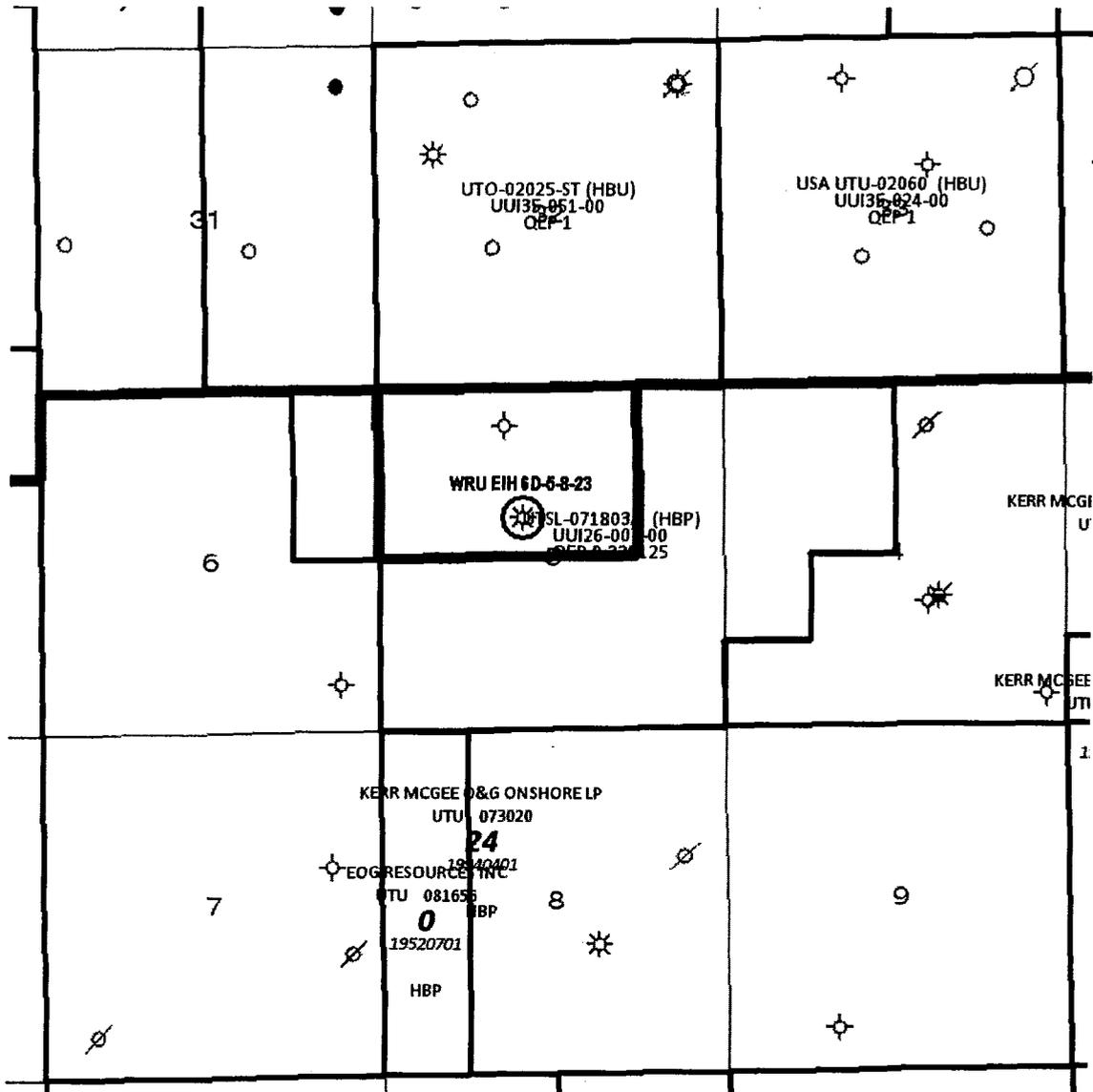
Chad W Matney
Printed Name: Chad W. Matney

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

Theresa Chatman
Notary Public



MY COMMISSION EXPIRES: 7/7/11



T8S-R23E

○ Commingled well

<p>Tw/Kmv COMMINGLED PRODUCTION Uinta Basin—Uintah County, Utah</p>	
<p>Well: WRU EIH 6D-5-8-23 Lease: UTSL-071803-A</p>	
<p>QUESTAR <i>Exploration and Production</i></p> <p><small>1050 17th St., # 500 Denver, CO 80265</small></p>	<p>Geologist:</p>
	<p>Landman: Nate Koeniger/Chad Matney/Birgit Roesink</p>
	<p>Date: March 25, 2009</p>

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

ROUTING
 CDW

Change of Operator (Well Sold)

X - Operator Name Change

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

6/14/2010

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

CA No. Unit: WHITE RIVER

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

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

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

DATA ENTRY:

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

BOND VERIFICATION:

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

LEASE INTEREST OWNER NOTIFICATION:

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

COMMENTS:

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

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS		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~~ } *965010695*
 Fee Land Bond Number: ~~965003033~~ } *965010695*
 BIA Bond Number: ~~799446~~ } *965010693*

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

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

(This space for State use only)

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JUN 28 2010

DIV. OF OIL, GAS & MINING

(See Instructions on Reverse Side)

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

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

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

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

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AUG 16 2010

DIV OF OIL, GAS & MINERALS