Form 3160-3
(July 1992)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE*

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

5. LEASE DESIGNATION AND SERIAL NO.: UTU-02510A

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

TYPE OF WORK: DRILL ☑ DEEPEN ☐

7. UNIT AGREEMENT NAME: WHITE RIVER

TYPE OF WELL: OIL WELL ☑ GAS WELL ☐ OTHER ☐ SINGLE ZONE ☐ MULTIPLE ZONE ☑

8. FARM OR LEASE NAME, WELL NO.: WRU GB 13G-3-8-22

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

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

9. API NUMBER: 43-047-39792

3. ADDRESS: 11002 E. 17500 SO. Vernal, Ut 84078

Telphone number: *Phone 435-781-4031 Fax 435-781-4395*

10. FIELD AND POOL, OR WILDCAT: ~~GLEN BENCH~~ White River 705

4. LOCATION OF WELL (Report location clearly and in accordance with and State requirements*)
At Surface: 553' FSL 638' FWL, SWSW, Section 3, T8S, R22E
At proposed production zone: SEE ATTACHED SHEET REGARDING BHL & LEASE DESIGNATION

11. SEC.,T, R, M, OR BLK & SURVEY OR AREA: SEC. 3, T8S, R22E Mer SLB&M

14. DISTANCE IN MILES FROM NEAREST TOWN OR POSTOFFICE*: 34 + / - SOUTH OF VERNAL, UTAH

12. COUNTY OR PARISH: Uintah

13. STATE: UT

15. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (also to nearest drig,unit line if any): 400 ' + / -

16. NO.OF ACRES IN LEASE: 907.83

17. NO. OF ACRES ASSIGNED TO THIS WELL: 40

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

19. PROPOSED DEPTH: LATERAL # 1 - 9,360' MD; LATERAL # 2 - 9,200' MD

20. BLM/BIA Bond No. on file: ESB000024

21. ELEVATIONS (Show whether DF, RT, GR, ect.): 5120.9' GR

22. DATE WORK WILL START: ASAP

23. Estimated duration: 30 Days

24. Attachments

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

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

SIGNED Jan Nelson Name (printed/typed) Jan Nelson DATE 11/09/2007

TITLE Regulatory Affairs

(This space for Federal or State office use)

PERMIT NO. 43-047-39792 APPROVAL DATE

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

CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY Bradley G. Hill TITLE BRADLEY G. HILL ENVIRONMENTAL MANAGER

Federal Approval of this Action is Necessary

DATE 11-19-07

*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

Surf
633519X
4444927Y
40.145982
-109.432545

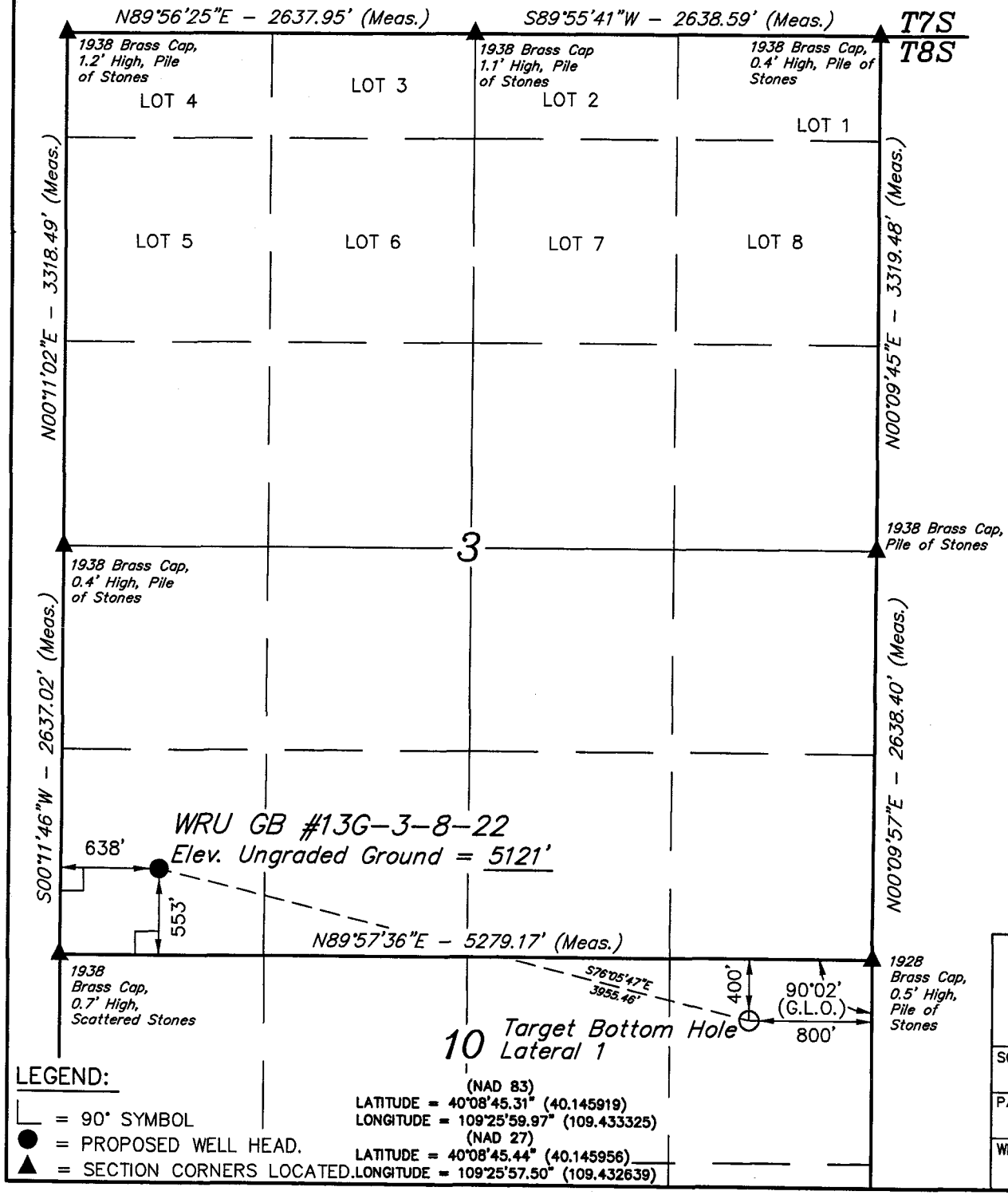
Lateral #1
634692X
4444658Y
40.143366
-109.418830

Lateral #2
633153X
4443836Y
40.136214
-109.437055

RECEIVED
NOV 13 2007
DIV. OF OIL, GAS & MINING

CONFIDENTIAL

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



QUESTAR EXPLR. & PROD.

Well location, WRU GB #13G-3-8-22, located as shown in the SW 1/4 SW 1/4 of Section 3, T8S, R22E, S.L.B.&M., Uintah County, Utah.

BASIS OF ELEVATION

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

BASIS OF BEARINGS

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

N

1000' 500' 0' 1000'

SCALE

CERTIFICATE

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

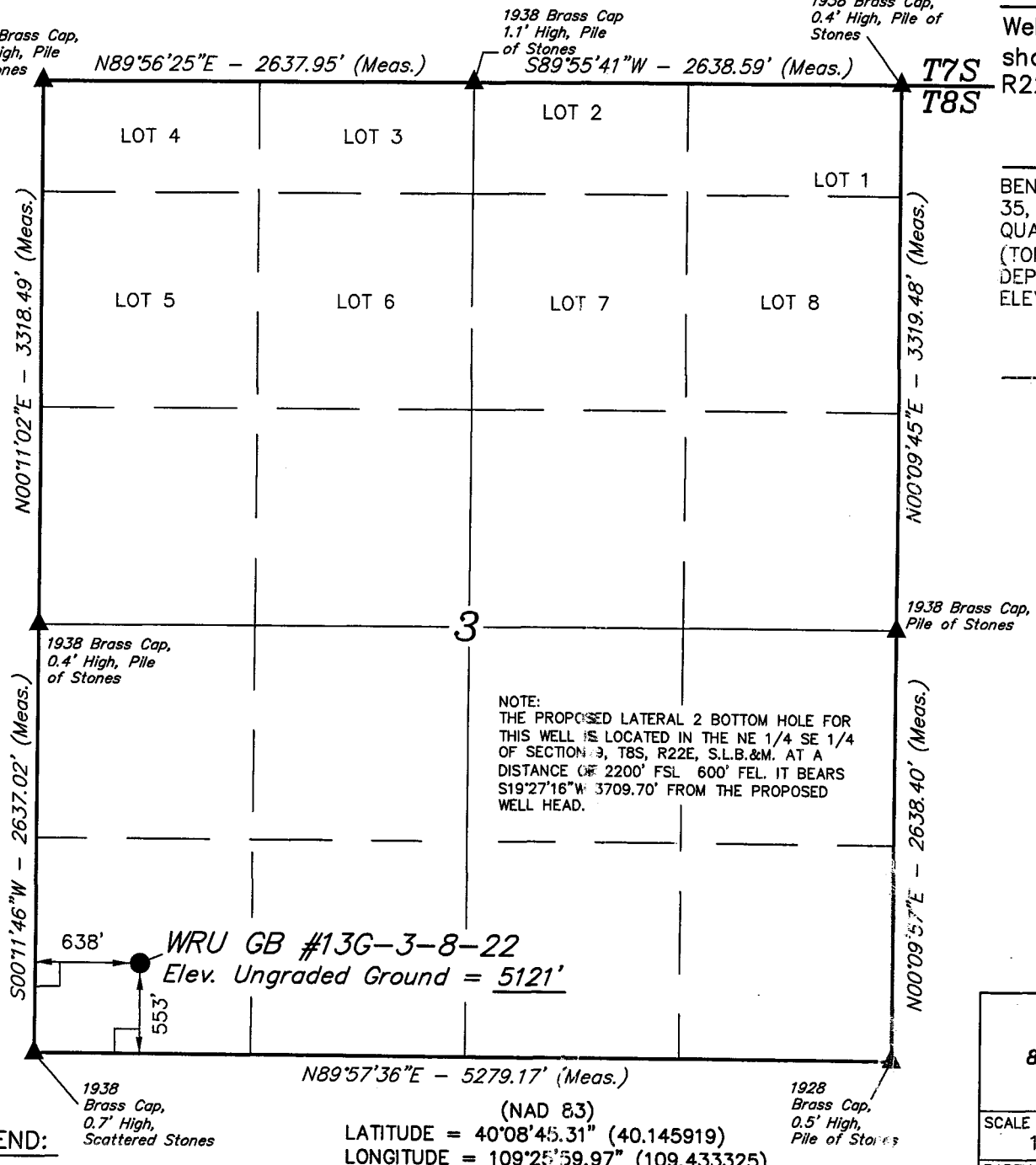
REGISTERED LAND SURVEYOR
REGISTRATION NO. 161319
STATE OF UTAH

STATE OF UTAH
LICENSED LAND SURVEYOR
161319
TRISTAN R. HUGHES

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

SCALE 1" = 1000'	DATE SURVEYED: 06-21-07	DATE DRAWN: 07-20-07
PARTY D.A. T.A. L.K.	REFERENCES G.L.O. PLAT	
WEATHER HOT	FILE QUESTAR EXPLR. & PROD.	

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



NOTE:
THE PROPOSED LATERAL 2 BOTTOM HOLE FOR THIS WELL IS LOCATED IN THE NE 1/4 SE 1/4 OF SECTION 3, T8S, R22E, S.L.B.&M. AT A DISTANCE OF 2200' FSL 600' FEL. IT BEARS S19°27'16"W 3709.70' FROM THE PROPOSED WELL HEAD.

(NAD 83)
LATITUDE = 40°08'45.31" (40.145919)
LONGITUDE = 109°25'59.97" (109.433325)
(NAD 27)
LATITUDE = 40°08'45.44" (40.145956)
LONGITUDE = 109°25'57.50" (109.432639)

LEGEND:

└ = 90° SYMBOL
● = PROPOSED WELL HEAD.
▲ = SECTION CORNERS LOCATED.

QUESTAR EXPLR. & PROD.

Well location, WRU GB #13G-3-8-22, located as shown in the SW 1/4 SW 1/4 of Section 3, T8S, R22E, S.L.B.&M., Uintah County, Utah.

BASIS OF ELEVATION

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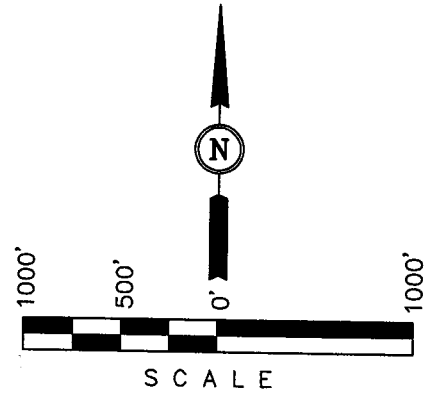
BASIS OF BEARINGS

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



CERTIFICATE

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

REGISTERED LAND SURVEYOR
REGISTRATION NO. 161319
STATE OF UTAH

REGISTERED LAND SURVEYOR
161319
ROBERT L. KAY
STATE OF UTAH

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

SCALE 1" = 1000'	DATE SURVEYED: 06-21-07	DATE DRAWN: 07-23-07
PARTY D.A. T.A. L.K.	REFERENCES G.L.O. PLAT	
WEATHER HOT	FILE QUESTAR EXPLR. & PROD.	

Additional Operator Remarks

Questar Exploration & Production Company proposes to drill a horizontal well to test the Green River 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 Exploration & Production Company Standard Practices for Green River Formation Wells located in Red Wash, Wonsits Valley, Gypsum Hills, White River, Glen Bench and undesignated fields in Township 08 South, Ranges 22East.

Please be advised that Questar Exploration & Production Company 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 Exploration & Production Company via surety as consent as provided for the 43 CFR 3104.2.

Additional Operator Remarks for Bottom Hole Location and Lease Designation:

WRU GB 13G-3-8-22 (SURFACE LOCATION)
LEASE # UTU-02510A
SW ¼ SW ¼, 553' FSL 638' FWL Section 3, T8S, R22E

LATERAL # 1 (BOTTOM HOLE LOCATION)
LEASE # UTU-0971A
NE ¼ NE ¼, 400' FNL 800' FEL, Section 10, T8S, R22E

LATERAL # 2 (BOTTOM HOLE LOCATION)
LEASE # UTU-43915
NE ¼ SE ¼, 2200' FSL 600' FEL, Section 9, T8S, R22E

QUESTAR EXPLORATION & PRODUCTION, CO.
WRU GB 13G-3-8-22
553' FSL 638' FWL
SWSW, Section 3, T8S, R22E
UINTAH COUNTY, UTAH
LEASE # UTU-02510A

ONSHORE ORDER NO. 1

MULTI – POINT SURFACE USE & OPERATIONS PLAN

An onsite inspection was conducted for the WRU GB 13G-3-8-22 on August 7, 2007. Weather conditions were hot and sunny at the time of the onsite. In attendance at the inspection were the following individauls:

Paul Buhler	Bureau of Land Management
Brandon McDonald	Bureau of Land Management
Jan Nelson	Questar Exploration & Production, Co.

1. **Existing Roads:**

The proposed well site is approximately 34 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 no improvements made to existing road.

2. **Planned Access Roads:**

Please see Questar Exploration & Production Company Standard Practices for Green River Formation Wells located in Red Wash, Wonsits Valley, Gypsum Hills, White River, Glen Bench and undesignated fields in Township 08 South, Ranges 22 East.

Refer to Topo Map B for the location of the proposed access road.

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

Please refer to Topo Map C.

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

Please see Questar Exploration & Production Company Standard Practices for Green River Formation Wells located in Red Wash, Wonsits Valley, Gypsum Hills, White River, Glen Bench and undesignated fields in Township 08 South, Ranges 22 East.

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

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

Please see Questar Exploration & Production Company Standard Practices for Green River Formation Wells located in Red Wash, Wonsits Valley, Gypsum Hills, White River, Glen Bench and undesignated fields in Townships 07 and 08 South, Ranges 21 to 24 East.

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 Exploration & Production Company Standard Practices for Green River Formation Wells located in Red Wash, Wonsits Valley, Gypsum Hills, White River, Glen Bench and undesignated fields in Townships 07 and 08 South, Ranges 21 to 24 East.

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

Please see Questar Exploration & Production Company Standard Practices for Green River Formation Wells located in Red Wash, Wonsits Valley, Gypsum Hills, White River, Glen Bench and undesignated fields in Townships 07 and 08 South, Ranges 21 to 24 East.

8. **Ancillary Facilities:**

Please see Questar Exploration & Production Company Standard Practices for Green River Formation Wells located in Red Wash, Wonsits Valley, Gypsum Hills, White River, Glen Bench and undesignated fields in Townships 07 and 08 South, Ranges 21 to 24 East.

Product will be tanked and hauled to delivery site.

Facilities will be painted Carlsbad Canyon

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 Exploration & Production Company Standard Practices for Green River Formation Wells located in Red Wash, Wonsits Valley, Gypsum Hills, White River, Glen Bench and undesignated fields in Townships 07 and 08 South, Ranges 21 to 24 East.

Interim Reclamation

Please see attached Interim Reclamation plan.

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

Seed Mix:

Interim Reclamation:
9 lbs Hycrest Crested Wheatgrass
3 lbs Fourwing Salt Bush
Final Reclamation:
Seed Mix # 1 3 lbs Fourwing Saltbush, 3 lbs Indian Rice Grass, 1 lb Needle & Threadgrass
4 lbs. Hycrest Crested Wheat

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.

Install culverts as needed along main access road.

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 & Gas No. 1, and the approved plan of operations. The operator is fully responsible for the actions of its subcontractors. A copy of these conditions will be furnished the field representative to insure compliance.

1. Formation Tops

The estimated top of important geologic markers are as follows:

SE Lateral:

Formation	Depth, TVD	Depth, MD
Green River	3,290'	3,290'
Kick Off Point	5,129'	5,129'
Green River (G1 Lime)	5,606'	5,900'
TD	5,606'	9,360'

SW Lateral:

Formation	Depth, TVD	Depth, MD
Green River	3,290'	3,290'
Kick Off Point	5,089'	5,089'
Green River (G1 Lime)	5,606'	5,901'
TD	5,606'	9,200'

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

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

SE Lateral:

Substance	Formation	Depth, TVD	Depth, MD
Oil/Gas	Green River (G1 Lime)	5,606'	5,900' – 9,360'

SW lateral:

Substance	Formation	Depth, TVD	Depth, MD
Oil/Gas	Green River (G1 Lime)	5,606'	5,901' – 9,200'

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. 3,000 psi double gate, 3,000 psi annular (schematic attached)

B. Function test daily.

C. All casing strings shall be pressure tested (0.22 psi/ft or 1,500 psi, whichever is greater) prior to drilling the plug after cementing; test pressure shall not exceed the internal yield of the casing.

D. Ram type preventers and associated equipment shall be tested to rated working pressure if isolated by a test plug or to 50% of the internal yield pressure of casing, whichever is less. BOP and related equipment shall meet the minimum requirements of Onshore Oil & Gas Order No. 2 for equipment and testing requirements, procedures, etc..., for a 3M system and individual components shall be operable as designed.

4. Casing Program

Hole Size	Casing Size	Top, MD	Bottom, MD	Weight, lb/ft	Grade	Thread	Condition
17 ½ "	14"	sfc	40'	Steel	Cond.	None	Used
12 ¼"	9 5/8"	sfc	480'	36.0	J-55	STC	New
8 ¾"	7"	sfc	5,909'	26.0	L-80	LTC	New

Casing Strengths:				Collapse	Burst	Tensile (minimum)
9 5/8"	36.0 lb.	J-55	STC	2,020 psi	3,520 psi	394,000 lb.
7"	26.0 lb.	L-80	LTC	5,410 psi	7,240 psi	511,000 lb.

The lateral portion of these wellbores will be cased with slotted liners.

SE lateral:

Hole Size	Casing Size	Top,MD	Bottom, MD	Weight	Grade
6 1/8"	4 ½"	5,609'	9,360'	11.6	J-55

SW Lateral:

Hole Size	Casing Size	Top,MD	Bottom, MD	Weight	Grade
6 1/8"	4 ½"	5,090'	9,200'	11.6	J-55

Please refer to the attached wellbore diagram and re-entry procedure for further details.

5. <u>Auxilliary Equipment</u>

A. Kelly Cock – Yes

B. Float at the bit – No

C. Monitoring equipment on the mud system – visually and/or PVT or Flow Show

D. Fully 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 wellbore into the reserve/blooie pit.

G. Blooie line ignition shall be provided by a continuous pilot (ignited when drilling below 500')

H. Compressor shall be tied directly to the blooie line through a manifold

I. A mister with a continuous stream of water shall be installed near the end of the blooie lines for dust suppression.

Drilling of the lateral will be done with fresh water KCl based mud systems consisting primarily of fresh water, bentonite, lignite, caustic, lime, soda ash, polymers, and KCl. No chromates will be used. It is not intended to use oil in the mud, however, in the event it is used the concentration will be less than 4% by volume. Maximum anticipated mud weight is 10.0 ppg.

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

PVT/Flow show will be used upon exit of surface casing to TD.

Gas detector will be used upon exit of surface casing to TD.

6. Testing, Logging, and Coring Program

A. Cores – None Anticipated

B. DST – None Anticipated

C. Logging:
   i. Mud logging from casing exit to TD
   ii. MWD-GR will be utilized during drilling operations to aid in landing the curve and maintaining the laterals within the desired zone.

D. Formation and completion interval: G1 Lime interval, final determination of completion will be made by analysis of mud logging data. Stimulation: stimulation will be designed for the particular area of interest encountered.

7. Cementing Program

20" Conductor:
Cement to surface with construction cement.

9-5/8" Surface Casing: sfc – 480' (MD)
Lead/Tail Slurry: 0' – 480'. 170 sks (310 cu ft) Rockies LT cement + 0.25 lb/sk Kwik Seal + 0.125 lb/sk Poly-E-Flake. Slurry wt: 13.5 ppg, Slurry yield: 1.81 ft^3/sk, Slurry volume: 12-1/4" hole + 100% excess.

7" Intermediate Casing: 3,000' - 5,909' (MD)
Lead/Tail Slurry: 3,000' – 5,909'. 425 sks (530 cu ft) 50/50 Poz Premium + 0.6% Halad (R)-322 fluid loss + 2.0% Microbond M expander + 5% salt + 0.125 lb/sk Poly-E-Flake. Slurry wt: 14.35 ppg, Slurry yield: 1.24 ft^3/sk, Slurry volume: 8-3/4" hole + 20% excess.

SE Lateral: 4-1/2" Slotted & Blank Liner: 5,609' – 9,360' (MD)
No cement, dropped in open hole.

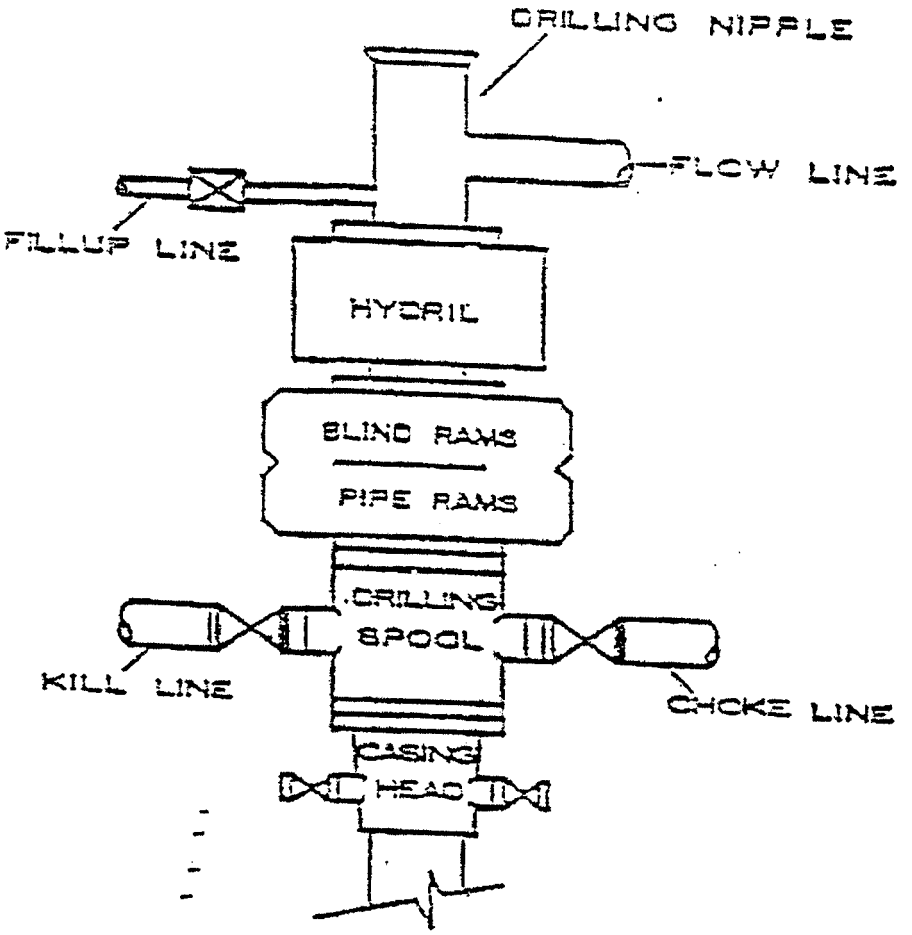
SW Lateral: 4-1/2" Slotted & Blank Liner: 5,090' – 9,200' (MD)
No cement, dropped in open hole.

8. Anticipated Abnormal Pressures and Temperatures, Other Potential Hazards

No abnormal temperatures or pressures are anticipated. No H_2S has been encountered or is known to exist from previous wells drilled to similar depths in the general area. Maximum anticipated bottom-hole pressure equals approximately 2,915 psi. Maximum anticipated bottom hole temperature is approximately 160°F.

DRILLING PROGRAM

SCHEMATIC DIAGRAM OF 3,000 PSI BOP STACK



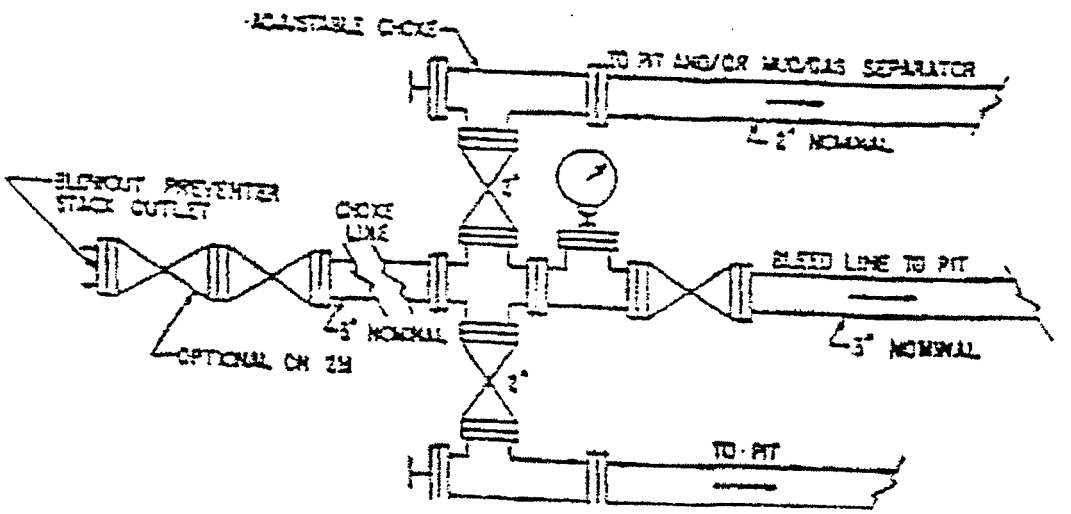
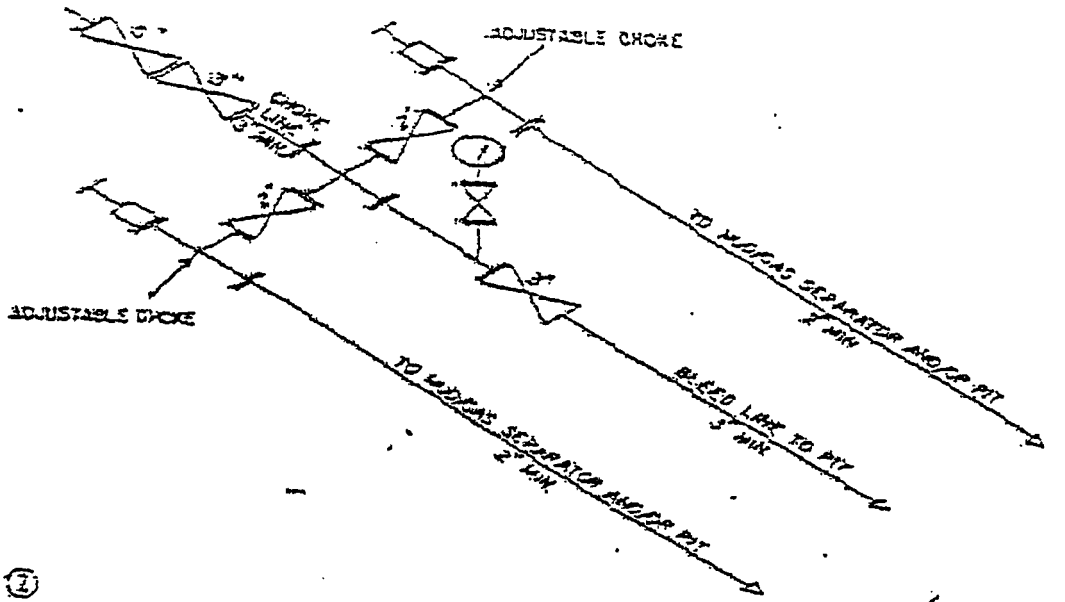


EXHIBIT A CONTINUED

46412 Federal Register / Vol. 53, No. 223 / Friday, November 18, 1988 / Rules and Regulations



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

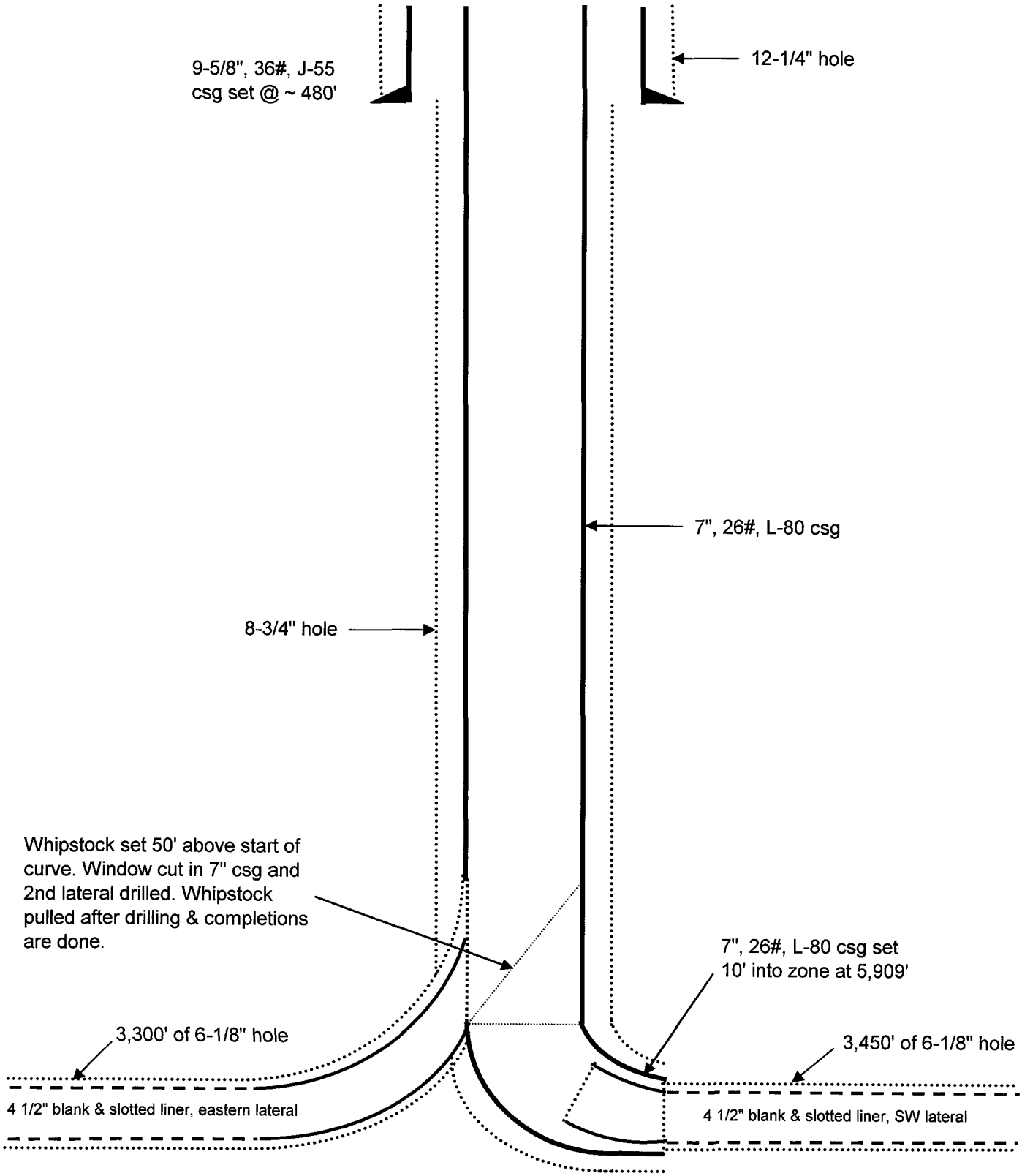
QUESTAR EXPLORATION AND PRODUCTION

WRU GB 13G-3-8-22
New Dual Horizontal Well
Summarized Procedure

1. MIRU air rig.
2. Drill 12 ¼" surface hole to 480'±.
3. Run 9 5/8", 36#, J-55, STC casing and cement to surface.
4. RD air rig, move off location.
5. MIRU drilling rig.
6. NU rig's 3,000 WP rated BOP. Test BOP's and surface casing.
7. PU straight hole BHA, drill out surface casing and 10' of new formation, run FIT.
8. Drill 8 ¾" hole to 5,000'.
9. TOOH, PU directional BHA, TIH.
10. Drill to 5,129', kick off and drill well at a 103.93° azimuth with 12°/100' build rates to land in G1 Lime formation at a TVD of +/- 5,606', 5,900' MD.
11. Drill in zone to 5,909' MD. TOOH, LDDP.
12. PU and run 7", 26#, L-80, LTC casing to 5,909', cement casing.
13. PU 3 ½" DP, directional BHA, TIH.
14. Drill +/- 3,450' of lateral in G1 Lime.
    a. Mud system to be a KCl weighted water based mud, weights are expected to be in the 9.0 – 10.0 ppg range.
15. Circulate and condition hole, TOOH, LD 3,600' DP.
    a. PU 3,450' of 4-1/2" slotted liner, 300' of blank liner and liner dropping tool.
    b. RIH w/ liner and dropping tool, drop liner at 5,609'.
    c. LD 600' of DP, trip out of hole.
16. RU wireline, run GR to 5,110', run RBP, set @ 5,090'.
17. Run & set 7" whipstock on bridge plug @ 5,090', oriented at 198.82° azimuth, mill window in 7" casing 5,079' – 5,089'.
18. PU directional BHA, TIH, kick off and drill well at a 198.82° azimuth with 11.07°/100' build rates to land in G1 Lime formation at a TVD of +/- 5,606', 5,901' MD.

19. Drill +/- 3,300' of lateral in G1 Lime.
    a. Mud system to be a KCl weighted water based mud, weights are expected to be in the 9.0 – 10.0 ppg range.
20. Circulate and condition hole, TOOH, LD 4,000' DP.
    a. PU 3,000' of 4-1/2" slotted liner, 810' of blank liner and liner dropping tool.
    b. RIH w/ liner and dropping tool, drop liner at 5,090', just outside window.
    c. TOOH laying down DP.
21. RU wireline, RIH and set RBP @ +/- 4,500' to isolate laterals.
22. ND BOP's.
23. RDMOL.

WRU 13G-3-8-22


9-5/8", 36#, J-55
csg set @ ~ 480'
12-1/4" hole
7", 26#, L-80 csg
8-3/4" hole
Whipstock set 50' above start of curve. Window cut in 7" csg and 2nd lateral drilled. Whipstock pulled after drilling & completions are done.
7", 26#, L-80 csg set 10' into zone at 5,909'
3,300' of 6-1/8" hole
3,450' of 6-1/8" hole
4 1/2" blank & slotted liner, eastern lateral
4 1/2" blank & slotted liner, SW lateral

QUESTAR

Questar Exploration & Production

Uintah Co., UT
Sec.3-T8S-R22E
WRU GB 13G-3-8-22
Wellbore SE_Lat#1

Plan: Plan #1

Pathfinder Planning Report

11 August, 2007

PATHFINDER
ENERGY SERVICES

Database:	EDM 2003.16 Single User Db	**Local Co-ordinate Reference:**	Well WRU GB 13G-3-8-22
Company:	Questar Exploration & Production	**TVD Reference:**	WELL @ 5136.0ft (Original Well Elev)
Project:	Uintah Co., UT	**MD Reference:**	WELL @ 5136.0ft (Original Well Elev)
Site:	Sec.3-T8S-R22E	**North Reference:**	True
Well:	WRU GB 13G-3-8-22	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Wellbore SE_Lat#1		
Design:	Plan #1		

Project Uintah Co., UT

Map System:	US State Plane 1983	**System Datum:**	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	Utah Central Zone		

Site Sec.3-T8S-R22E

Site Position:		**Northing:**	7,228,602.42 ft	**Latitude:**	40° 8' 45.780 N
From:	Lat/Long	**Easting:**	2,218,299.53 ft	**Longitude:**	109° 25' 57.216 W
Position Uncertainty:	0.0 ft	**Slot Radius:**	"	**Grid Convergence:**	1.32 °

Well WRU GB 13G-3-8-22

Well Position	**+N/-S**	0.0 ft	**Northing:**	7,228,602.42 ft	**Latitude:**	40° 8' 45.780 N
	+E/-W	0.0 ft	**Easting:**	2,218,299.53 ft	**Longitude:**	109° 25' 57.216 W
Position Uncertainty		0.0 ft	**Wellhead Elevation:**	ft	**Ground Level:**	5,121.0 ft

Wellbore Wellbore SE_Lat#1

Magnetics	**Model Name**	**Sample Date**	**Declination (°)**	**Dip Angle (°)**	**Field Strength (nT)**
	IGRF200510	8/11/2007	11.55	66.11	52,821

Design Plan #1

Audit Notes:

Version:	**Phase:**	PROTOTYPE	**Tie On Depth:**	0.0

Vertical Section:	**Depth From (TVD) (ft)**	**+N/-S (ft)**	**+E/-W (ft)**	**Direction (°)**
	0.0	0.0	0.0	103.93

Plan Sections

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	TFO (°)	Target
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00	0.00	
5,128.5	0.00	0.00	5,128.5	0.0	0.0	0.00	0.00	0.00	0.00	
5,878.5	90.00	103.93	5,606.0	-114.9	463.4	12.00	12.00	0.00	103.93	
9,358.7	90.00	103.94	5,606.0	-953.0	3,841.2	0.00	0.00	0.00	0.00	

Database:	EDM 2003.16 Single User Db	**Local Co-ordinate Reference:**	Well WRU GB 13G-3-8-22
Company:	Questar Exploration & Production	**TVD Reference:**	WELL @ 5136.0ft (Original Well Elev)
Project:	Uintah Co., UT	**MD Reference:**	WELL @ 5136.0ft (Original Well Elev)
Site:	Sec.3-T8S-R22E	**North Reference:**	True
Well:	WRU GB 13G-3-8-22	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Wellbore SE_Lat#1		
Design:	Plan #1		

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
KOP / Start Build 12.00°									
5,128.5	0.00	0.00	5,128.5	0.0	0.0	0.0	0.00	0.00	0.00
5,150.0	2.58	103.93	5,150.0	-0.1	0.5	0.5	12.00	12.00	0.00
5,175.0	5.58	103.93	5,174.9	-0.5	2.2	2.3	12.00	12.00	0.00
5,200.0	8.58	103.93	5,199.7	-1.3	5.2	5.3	12.00	12.00	0.00
5,225.0	11.58	103.93	5,224.3	-2.3	9.4	9.7	12.00	12.00	0.00
5,250.0	14.58	103.93	5,248.7	-3.7	14.9	15.4	12.00	12.00	0.00
5,275.0	17.58	103.93	5,272.7	-5.4	21.6	22.3	12.00	12.00	0.00
5,300.0	20.58	103.93	5,296.3	-7.3	29.6	30.5	12.00	12.00	0.00
5,325.0	23.58	103.93	5,319.5	-9.6	38.7	39.9	12.00	12.00	0.00
5,350.0	26.58	103.93	5,342.1	-12.1	49.0	50.5	12.00	12.00	0.00
5,375.0	29.58	103.93	5,364.2	-15.0	60.4	62.2	12.00	12.00	0.00
5,400.0	32.58	103.93	5,385.6	-18.1	72.9	75.1	12.00	12.00	0.00
5,425.0	35.58	103.93	5,406.3	-21.5	86.5	89.1	12.00	12.00	0.00
5,450.0	38.58	103.93	5,426.3	-25.1	101.1	104.2	12.00	12.00	0.00
5,475.0	41.58	103.93	5,445.4	-29.0	116.8	120.3	12.00	12.00	0.00
5,500.0	44.58	103.93	5,463.6	-33.1	133.3	137.4	12.00	12.00	0.00
5,525.0	47.58	103.93	5,481.0	-37.4	150.8	155.4	12.00	12.00	0.00
5,550.0	50.58	103.93	5,497.3	-42.0	169.1	174.3	12.00	12.00	0.00
5,575.0	53.58	103.93	5,512.7	-46.7	188.3	194.0	12.00	12.00	0.00
5,600.0	56.58	103.93	5,527.0	-51.6	208.2	214.5	12.00	12.00	0.00
5,625.0	59.58	103.93	5,540.2	-56.7	228.8	235.7	12.00	12.00	0.00
5,650.0	62.58	103.93	5,552.3	-62.0	250.0	257.6	12.00	12.00	0.00
5,675.0	65.58	103.93	5,563.3	-67.4	271.8	280.1	12.00	12.00	0.00
5,700.0	68.58	103.93	5,573.0	-73.0	294.2	303.1	12.00	12.00	0.00
5,725.0	71.58	103.93	5,581.5	-78.6	317.0	326.6	12.00	12.00	0.00
5,750.0	74.58	103.93	5,588.8	-84.4	340.2	350.5	12.00	12.00	0.00
5,775.0	77.58	103.93	5,594.8	-90.2	363.8	374.8	12.00	12.00	0.00
5,800.0	80.58	103.93	5,599.5	-96.1	387.6	399.3	12.00	12.00	0.00
5,825.0	83.58	103.93	5,603.0	-102.1	411.6	424.1	12.00	12.00	0.00
5,850.0	86.58	103.93	5,605.1	-108.1	435.8	449.0	12.00	12.00	0.00
5,875.0	89.58	103.93	5,606.0	-114.1	460.0	474.0	12.00	12.00	0.00
Start DLS 0.00 TFO 0.00									
5,878.5	90.00	103.93	5,606.0	-114.9	463.4	477.5	12.00	12.00	0.00
G1 Lime Top of Porosity									
5,881.5	89.58	103.93	5,606.0	-115.7	466.4	480.5	13.78	-13.78	0.00
5,900.0	90.00	103.93	5,606.0	-120.1	484.3	499.0	2.28	2.28	0.00
7" Casing									
5,908.5	90.00	103.93	5,606.0	-122.2	492.5	507.5	0.00	0.00	0.00
6,000.0	90.00	103.93	5,606.0	-144.2	581.3	599.0	0.00	0.00	0.00
6,100.0	90.00	103.93	5,606.0	-168.3	678.4	699.0	0.00	0.00	0.00
6,200.0	90.00	103.93	5,606.0	-192.3	775.5	799.0	0.00	0.00	0.00
6,300.0	90.00	103.93	5,606.0	-216.4	872.5	899.0	0.00	0.00	0.00
6,400.0	90.00	103.93	5,606.0	-240.5	969.6	999.0	0.00	0.00	0.00
6,500.0	90.00	103.93	5,606.0	-264.6	1,066.6	1,099.0	0.00	0.00	0.00
6,600.0	90.00	103.93	5,606.0	-288.6	1,163.7	1,199.0	0.00	0.00	0.00
6,700.0	90.00	103.93	5,606.0	-312.7	1,260.8	1,299.0	0.00	0.00	0.00
6,800.0	90.00	103.93	5,605.9	-336.8	1,357.8	1,399.0	0.00	0.00	0.00
6,900.0	90.00	103.93	5,605.9	-360.9	1,454.9	1,499.0	0.00	0.00	0.00
7,000.0	90.00	103.93	5,605.9	-384.9	1,551.9	1,599.0	0.00	0.00	0.00
7,100.0	90.00	103.93	5,605.9	-409.0	1,649.0	1,699.0	0.00	0.00	0.00
7,200.0	90.00	103.93	5,605.9	-433.1	1,746.1	1,799.0	0.00	0.00	0.00
7,300.0	90.00	103.93	5,605.9	-457.1	1,843.1	1,899.0	0.00	0.00	0.00

Database:	EDM 2003.16 Single User Db	**Local Co-ordinate Reference:**	Well WRU GB 13G-3-8-22
Company:	Questar Exploration & Production	**TVD Reference:**	WELL @ 5136.0ft (Original Well Elev)
Project:	Uintah Co., UT	**MD Reference:**	WELL @ 5136.0ft (Original Well Elev)
Site:	Sec.3-T8S-R22E	**North Reference:**	True
Well:	WRU GB 13G-3-8-22	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Wellbore SE_Lat#1		
Design:	Plan #1		

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
7,400.0	90.00	103.93	5,605.9	-481.2	1,940.2	1,999.0	0.00	0.00	0.00
7,500.0	90.00	103.93	5,605.9	-505.3	2,037.2	2,099.0	0.00	0.00	0.00
7,600.0	90.00	103.93	5,605.9	-529.4	2,134.3	2,199.0	0.00	0.00	0.00
7,700.0	90.00	103.93	5,605.9	-553.4	2,231.4	2,299.0	0.00	0.00	0.00
7,800.0	90.00	103.93	5,605.9	-577.5	2,328.4	2,399.0	0.00	0.00	0.00
7,900.0	90.00	103.93	5,605.9	-601.6	2,425.5	2,499.0	0.00	0.00	0.00
8,000.0	90.01	103.93	5,605.9	-625.7	2,522.5	2,599.0	0.00	0.00	0.00
8,100.0	90.01	103.93	5,605.9	-649.7	2,619.6	2,699.0	0.00	0.00	0.00
8,200.0	90.01	103.93	5,605.8	-673.8	2,716.6	2,799.0	0.00	0.00	0.00
8,300.0	90.01	103.93	5,605.8	-697.9	2,813.7	2,899.0	0.00	0.00	0.00
8,400.0	90.01	103.93	5,605.8	-722.0	2,910.8	2,999.0	0.00	0.00	0.00
8,500.0	90.01	103.93	5,605.8	-746.0	3,007.8	3,099.0	0.00	0.00	0.00
8,600.0	90.01	103.93	5,605.8	-770.1	3,104.9	3,199.0	0.00	0.00	0.00
8,700.0	90.01	103.93	5,605.8	-794.2	3,201.9	3,299.0	0.00	0.00	0.00
8,800.0	90.01	103.93	5,605.8	-818.3	3,299.0	3,399.0	0.00	0.00	0.00
8,900.0	90.01	103.93	5,605.8	-842.3	3,396.1	3,499.0	0.00	0.00	0.00
9,000.0	90.01	103.93	5,605.8	-866.4	3,493.1	3,599.0	0.00	0.00	0.00
9,100.0	90.01	103.93	5,605.7	-890.5	3,590.2	3,699.0	0.00	0.00	0.00
9,200.0	90.01	103.93	5,605.7	-914.5	3,687.2	3,799.0	0.00	0.00	0.00
9,300.0	90.01	103.93	5,605.7	-938.6	3,784.3	3,899.0	0.00	0.00	0.00
TD at 9358.7									
9,358.7	90.00	103.94	5,606.0	-953.0	3,841.2	3,957.7	0.02	-0.02	0.01

Targets

Target Name - hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude
PBHL SE_Lat#1 WRU G - plan hits target - Point	0.00	0.00	5,606.0	-953.0	3,841.2	7,227,738.45	2,222,161.70	40° 8' 36.359 N	109° 25' 7.750 W

Casing Points

Measured Depth (ft)	Vertical Depth (ft)	Name	Casing Diameter (")	Hole Diameter (")
5,908.5	5,606.0	7" Casing	7	7-1/2

Formations

Measured Depth (ft)	Vertical Depth (ft)	Name	Lithology	Dip (°)	Dip Direction (°)
5,881.5	5,606.0	G1 Lime Top of Porosity		0.00	
	5,610.0	G1 Lime Bottome of Porosity		0.00	

Database:	EDM 2003.16 Single User Db	**Local Co-ordinate Reference:**	Well WRU GB 13G-3-8-22
Company:	Questar Exploration & Production	**TVD Reference:**	WELL @ 5136.0ft (Original Well Elev)
Project:	Uintah Co., UT	**MD Reference:**	WELL @ 5136.0ft (Original Well Elev)
Site:	Sec.3-T8S-R22E	**North Reference:**	True
Well:	WRU GB 13G-3-8-22	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Wellbore SE_Lat#1		
Design:	Plan #1		

Plan Annotations

Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates +N/-S (ft)	Local Coordinates +E/-W (ft)	Comment
5,128.5	5,128.5	0.0	0.0	KOP / Start Build 12.00°
5,878.5	5,606.0	-114.9	463.4	Start DLS 0.00 TFO 0.00
9,358.7	5,606.0	-953.0	3,841.2	TD at 9358.7

QUESTAR

Company: Questar Exploration & Production
Field: Uintah Co., UT
Location: Sec.3-T8S-R22E
Well: WRU GB 13G-3-8-22
Wellbore SE_Lat#1
Plan: Plan #1 (WRU GB 13G-3-8-22/Wellbore SE_Lat#1)

PATHFINDER ENERGY SERVICES

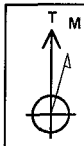
SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	5128.5	0.00	0.00	5128.5	0.0	0.0	0.00	0.00	0.0	
3	5878.5	90.00	103.93	5606.0	-114.9	463.4	12.00	103.93	477.5	
4	9358.7	90.00	103.94	5606.0	-953.0	3841.2	0.00	0.00	3957.7	

WELL DETAILS: WRU GB 13G-3-8-22

Ground Level: 5121.0

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
0.0	0.0	7228602.42	2218299.53	40° 8' 45.780 N	109° 25' 57.216 W	



Azimuths to True North
Magnetic North: 11.55°

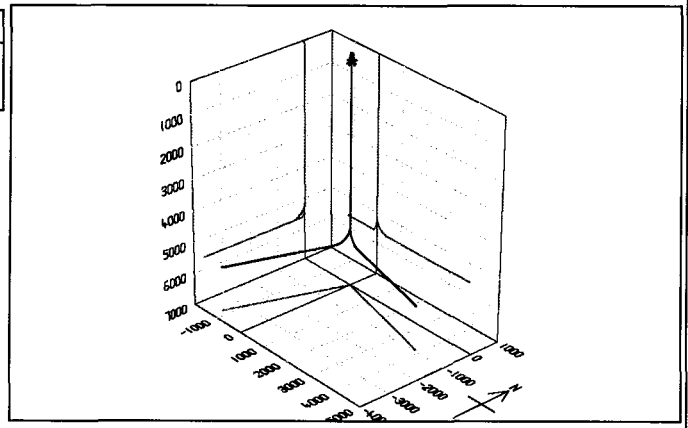
Magnetic Field
Strength: 52820.5snT
Dip Angle: 66.11°
Date: 8/11/2007
Model: IGRF200510

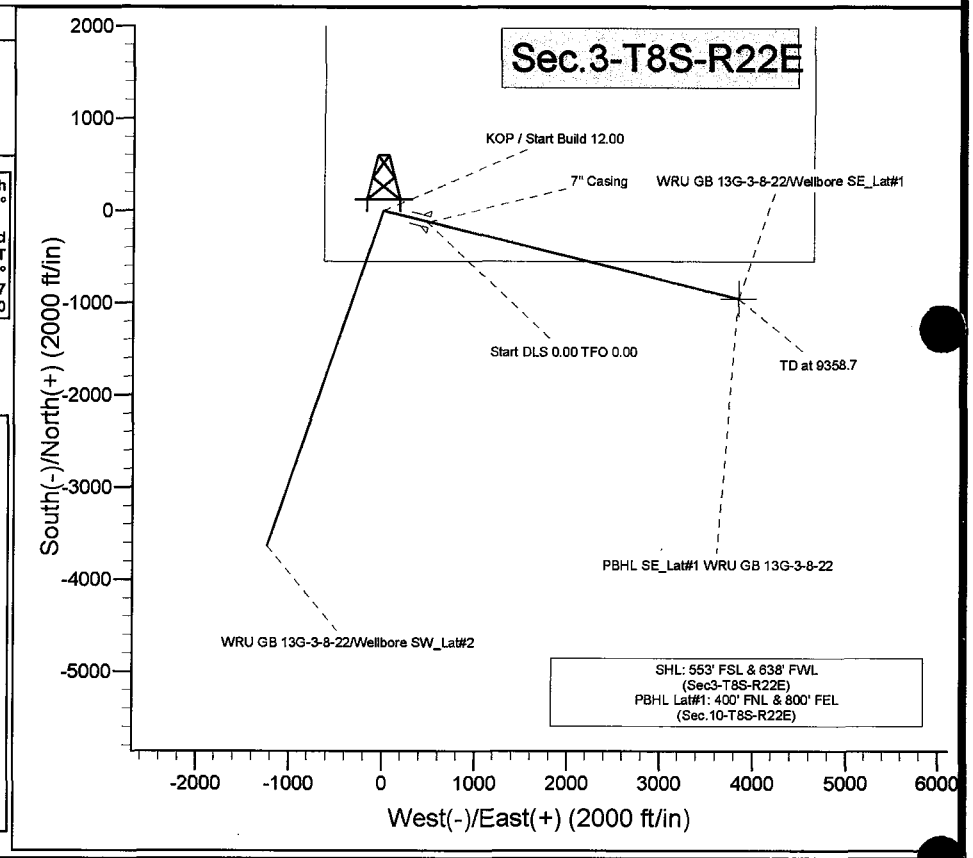
WELLBORE TARGET DETAILS

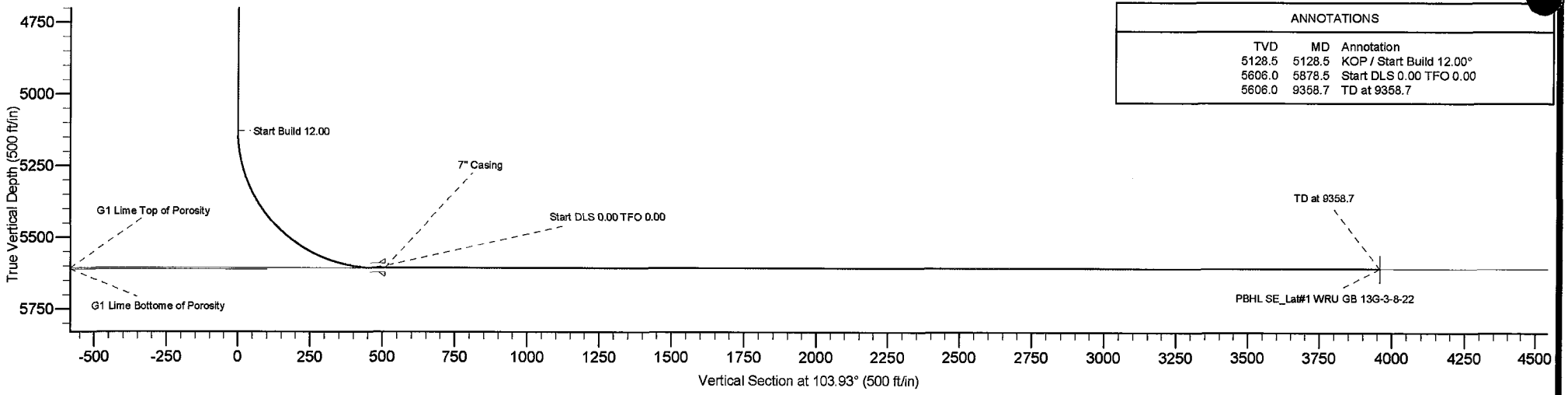
Name	TVD	+N/-S	+E/-W	Shape
PBHL SE_Lat#1 WRU GB 13G-3-8-22	5606.0	-953.0	3841.2	Point

FORMATION TOP DETAILS

TVDPath	MDPath	Formation
		G1 Lime Bottome of Porosity
5606.0	5881.5	G1 Lime Top of Porosity







ANNOTATIONS

TVD	MD	Annotation
5128.5	5128.5	KOP / Start Build 12.00°
5606.0	5878.5	Start DLS 0.00 TFO 0.00
5606.0	9358.7	TD at 9358.7

QUESTAR

Questar Exploration & Production

Uintah Co., UT
Sec.3-T8S-R22E
WRU GB 13G-3-8-22
Wellbore SW_Lat#2

Plan: Plan #1

Pathfinder Planning Report

11 August, 2007

PATHFINDER
ENERGY SERVICES

Database:	EDM 2003.16 Single User Db	**Local Co-ordinate Reference:**	Well WRU GB 13G-3-8-22
Company:	Questar Exploration & Production	**TVD Reference:**	WELL @ 5136.0ft (Original Well Elev)
Project:	Uintah Co., UT	**MD Reference:**	WELL @ 5136.0ft (Original Well Elev)
Site:	Sec.3-T8S-R22E	**North Reference:**	True
Well:	WRU GB 13G-3-8-22	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Wellbore SW_Lat#2		
Design:	Plan #1		

Project Uintah Co., UT

Map System:	US State Plane 1983	**System Datum:**	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	Utah Central Zone		

Site Sec.3-T8S-R22E

Site Position:		**Northing:**	7,228,602.42 ft	**Latitude:**	40° 8' 45.780 N
From:	Lat/Long	**Easting:**	2,218,299.53 ft	**Longitude:**	109° 25' 57.216 W
Position Uncertainty:	0.0 ft	**Slot Radius:**	"	**Grid Convergence:**	1.32 °

Well WRU GB 13G-3-8-22

Well Position	**+N/-S**	0.0 ft	**Northing:**	7,228,602.42 ft	**Latitude:**	40° 8' 45.780 N
	+E/-W	0.0 ft	**Easting:**	2,218,299.53 ft	**Longitude:**	109° 25' 57.216 W
Position Uncertainty		0.0 ft	**Wellhead Elevation:**	ft	**Ground Level:**	5,121.0 ft

Wellbore Wellbore SW_Lat#2

Magnetics	**Model Name**	**Sample Date**	**Declination (°)**	**Dip Angle (°)**	**Field Strength (nT)**
	IGRF200510	8/11/2007	11.55	66.11	52,821

Design Plan #1

Audit Notes:

Version:	**Phase:**	PROTOTYPE	**Tie On Depth:**	0.0

Vertical Section:	**Depth From (TVD) (ft)**	**+N/-S (ft)**	**+E/-W (ft)**	**Direction (°)**
	0.0	0.0	0.0	198.82

Plan Sections

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	TFO (°)	Target
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00	0.00	
5,088.5	0.00	0.00	5,088.5	0.0	0.0	0.00	0.00	0.00	0.00	
5,901.4	90.00	198.82	5,606.0	-489.8	-166.9	11.07	11.07	0.00	198.82	
9,222.0	90.00	198.81	5,606.0	-3,633.0	-1,238.0	0.00	0.00	0.00	0.00	

Database:	EDM 2003.16 Single User Db	**Local Co-ordinate Reference:**	Well WRU GB 13G-3-8-22
Company:	Questar Exploration & Production	**TVD Reference:**	WELL @ 5136.0ft (Original Well Elev)
Project:	Uintah Co., UT	**MD Reference:**	WELL @ 5136.0ft (Original Well Elev)
Site:	Sec.3-T8S-R22E	**North Reference:**	True
Well:	WRU GB 13G-3-8-22	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Wellbore SW_Lat#2		
Design:	Plan #1		

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
KOP / Start Build 11.07°									
5,088.5	0.00	0.00	5,088.5	0.0	0.0	0.0	0.00	0.00	0.00
5,100.0	1.27	198.82	5,100.0	-0.1	0.0	0.1	11.07	11.07	0.00
5,150.0	6.81	198.82	5,149.9	-3.5	-1.2	3.7	11.07	11.07	0.00
5,200.0	12.34	198.82	5,199.1	-11.3	-3.9	12.0	11.07	11.07	0.00
5,250.0	17.88	198.82	5,247.4	-23.7	-8.1	25.0	11.07	11.07	0.00
5,300.0	23.42	198.82	5,294.2	-40.3	-13.7	42.6	11.07	11.07	0.00
5,350.0	28.95	198.82	5,339.0	-61.2	-20.9	64.7	11.07	11.07	0.00
5,400.0	34.49	198.82	5,381.5	-86.1	-29.3	91.0	11.07	11.07	0.00
5,450.0	40.02	198.82	5,421.3	-114.7	-39.1	121.2	11.07	11.07	0.00
5,500.0	45.56	198.82	5,458.0	-146.9	-50.1	155.2	11.07	11.07	0.00
5,550.0	51.10	198.82	5,491.2	-182.2	-62.1	192.5	11.07	11.07	0.00
5,600.0	56.63	198.82	5,520.7	-220.4	-75.1	232.9	11.07	11.07	0.00
5,650.0	62.17	198.82	5,546.1	-261.1	-89.0	275.9	11.07	11.07	0.00
5,700.0	67.70	198.82	5,567.3	-304.0	-103.6	321.2	11.07	11.07	0.00
5,750.0	73.24	198.82	5,584.0	-348.6	-118.8	368.3	11.07	11.07	0.00
5,800.0	78.77	198.82	5,596.1	-394.5	-134.4	416.8	11.07	11.07	0.00
5,850.0	84.31	198.82	5,603.5	-441.3	-150.4	466.2	11.07	11.07	0.00
Start DLS 0.00 TFO 0.00 - G1 Lime Top of Porosity									
5,901.4	90.00	198.82	5,606.0	-489.8	-166.9	517.5	11.07	11.07	0.00
6,000.0	90.00	198.82	5,606.0	-583.2	-198.8	616.1	0.00	0.00	0.00
6,100.0	90.00	198.82	5,606.0	-677.8	-231.0	716.1	0.00	0.00	0.00
6,200.0	90.00	198.82	5,606.0	-772.5	-263.3	816.1	0.00	0.00	0.00
6,300.0	90.00	198.82	5,606.0	-867.1	-295.5	916.1	0.00	0.00	0.00
6,400.0	90.00	198.82	5,606.0	-961.8	-327.8	1,016.1	0.00	0.00	0.00
6,500.0	90.00	198.82	5,606.0	-1,056.4	-360.1	1,116.1	0.00	0.00	0.00
6,600.0	90.00	198.82	5,606.0	-1,151.1	-392.3	1,216.1	0.00	0.00	0.00
6,700.0	90.00	198.82	5,606.0	-1,245.7	-424.6	1,316.1	0.00	0.00	0.00
6,800.0	90.00	198.82	5,606.0	-1,340.4	-456.8	1,416.1	0.00	0.00	0.00
6,900.0	90.00	198.82	5,606.0	-1,435.1	-489.1	1,516.1	0.00	0.00	0.00
7,000.0	90.00	198.82	5,606.0	-1,529.7	-521.4	1,616.1	0.00	0.00	0.00
7,100.0	90.00	198.82	5,606.0	-1,624.4	-553.6	1,716.1	0.00	0.00	0.00
7,200.0	90.00	198.82	5,606.0	-1,719.0	-585.9	1,816.1	0.00	0.00	0.00
7,300.0	90.00	198.82	5,606.0	-1,813.7	-618.1	1,916.1	0.00	0.00	0.00
7,400.0	90.00	198.82	5,606.0	-1,908.3	-650.4	2,016.1	0.00	0.00	0.00
7,500.0	90.00	198.82	5,606.0	-2,003.0	-682.6	2,116.1	0.00	0.00	0.00
7,600.0	90.00	198.82	5,606.0	-2,097.6	-714.9	2,216.1	0.00	0.00	0.00
7,700.0	90.00	198.82	5,605.9	-2,192.3	-747.2	2,316.1	0.00	0.00	0.00
7,800.0	90.00	198.82	5,605.9	-2,286.9	-779.4	2,416.1	0.00	0.00	0.00
7,900.0	90.00	198.82	5,605.9	-2,381.6	-811.7	2,516.1	0.00	0.00	0.00
8,000.0	90.00	198.82	5,605.9	-2,476.2	-843.9	2,616.1	0.00	0.00	0.00
8,100.0	90.00	198.82	5,605.9	-2,570.9	-876.2	2,716.1	0.00	0.00	0.00
8,200.0	90.00	198.82	5,605.9	-2,665.6	-908.5	2,816.1	0.00	0.00	0.00
8,300.0	90.00	198.82	5,605.9	-2,760.2	-940.7	2,916.1	0.00	0.00	0.00
8,400.0	90.00	198.82	5,605.9	-2,854.9	-973.0	3,016.1	0.00	0.00	0.00
8,500.0	90.00	198.82	5,605.9	-2,949.5	-1,005.2	3,116.1	0.00	0.00	0.00
8,600.0	90.01	198.82	5,605.9	-3,044.2	-1,037.5	3,216.1	0.00	0.00	0.00
8,700.0	90.01	198.82	5,605.9	-3,138.8	-1,069.8	3,316.1	0.00	0.00	0.00
8,800.0	90.01	198.82	5,605.9	-3,233.5	-1,102.0	3,416.1	0.00	0.00	0.00
8,900.0	90.01	198.82	5,605.9	-3,328.1	-1,134.3	3,516.1	0.00	0.00	0.00
9,000.0	90.01	198.82	5,605.8	-3,422.8	-1,166.5	3,616.1	0.00	0.00	0.00
9,100.0	90.01	198.82	5,605.8	-3,517.4	-1,198.8	3,716.1	0.00	0.00	0.00
9,200.0	90.01	198.82	5,605.8	-3,612.1	-1,231.1	3,816.1	0.00	0.00	0.00

Database:	EDM 2003.16 Single User Db	**Local Co-ordinate Reference:**	Well WRU GB 13G-3-8-22
Company:	Questar Exploration & Production	**TVD Reference:**	WELL @ 5136.0ft (Original Well Elev)
Project:	Uintah Co., UT	**MD Reference:**	WELL @ 5136.0ft (Original Well Elev)
Site:	Sec.3-T8S-R22E	**North Reference:**	True
Well:	WRU GB 13G-3-8-22	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Wellbore SW_Lat#2		
Design:	Plan #1		

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
TD at 9222.0									
9,222.0	90.00	198.81	5,606.0	-3,633.0	-1,238.0	3,838.1	0.04	-0.03	-0.03

Targets

Target Name - hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude
PBHL SW_Lat#2 WRU (- plan hits target - Point	0.00	0.00	5,606.0	-3,633.0	-1,238.0	7,224,941.78	2,217,145.83	40° 8' 9.875 N	109° 26' 13.157 W

Formations

Measured Depth (ft)	Vertical Depth (ft)	Name	Lithology	Dip (°)	Dip Direction (°)
5,901.4	5,606.0	G1 Lime Top of Porosity		0.00	
4,137.0	5,610.0	G1 Lime Bottom of Porosity		0.00	

Plan Annotations

Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates +N/-S (ft)	Local Coordinates +E/-W (ft)	Comment
5,088.5	5,088.5	0.0	0.0	KOP / Start Build 11.07°
5,901.4	5,606.0	-489.8	-166.9	Start DLS 0.00 TFO 0.00
9,222.0	5,606.0	-3,633.0	-1,238.0	TD at 9222.0

QUESTAR

Company: Questar Exploration & Production
Field: Uintah Co., UT
Location: Sec.3-T8S-R22E
Well: WRU GB 13G-3-8-22
Wellbore SW_Lat#2
Plan: Plan #1 (WRU GB 13G-3-8-22/Wellbore SW_Lat#2)

PATHFINDER ENERGY SERVICES

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	5088.5	0.00	0.00	5088.5	0.0	0.0	0.00	0.00	0.0	
3	5901.4	90.00	198.82	5606.0	-489.8	-166.9	11.07	198.82	517.5	
4	9222.0	90.00	198.81	5606.0	-3633.0	-1238.0	0.00	0.00	3838.1	

WELL DETAILS: WRU GB 13G-3-8-22

Ground Level: 5121.0

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
0.0	0.0	7228602.42	2218299.53	40° 8' 45.780 N	109° 25' 57.216 W	

T M

Azimuths to True North
Magnetic North: 11.55°

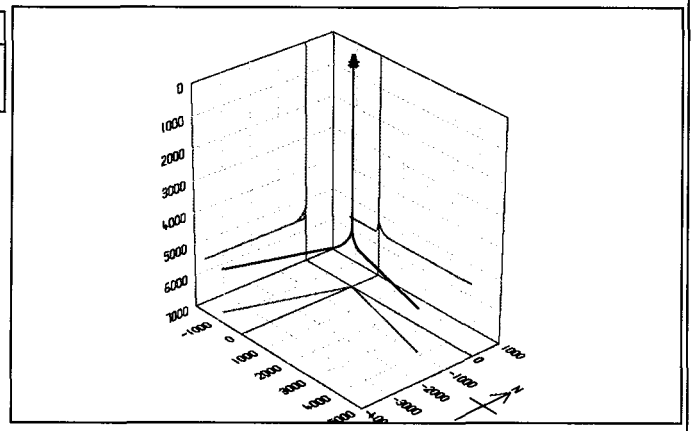
Magnetic Field
Strength: 52820.5snT
Dip Angle: 66.11°
Date: 8/11/2007
Model: IGRF200510

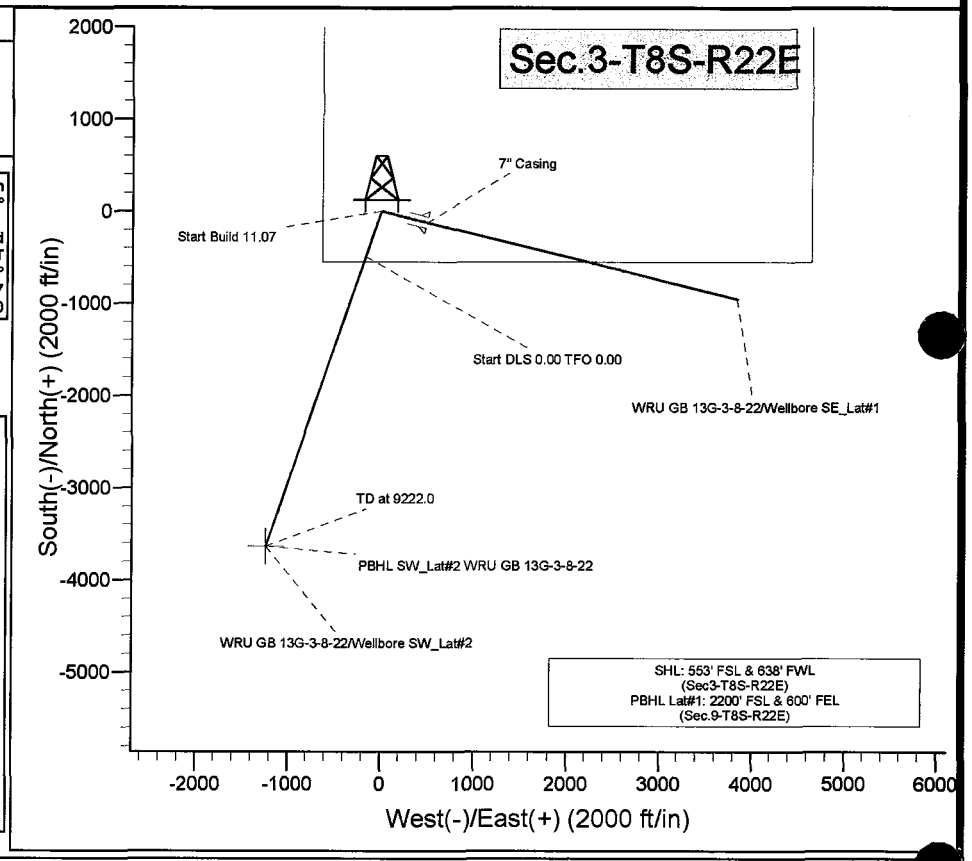
WELLBORE TARGET DETAILS

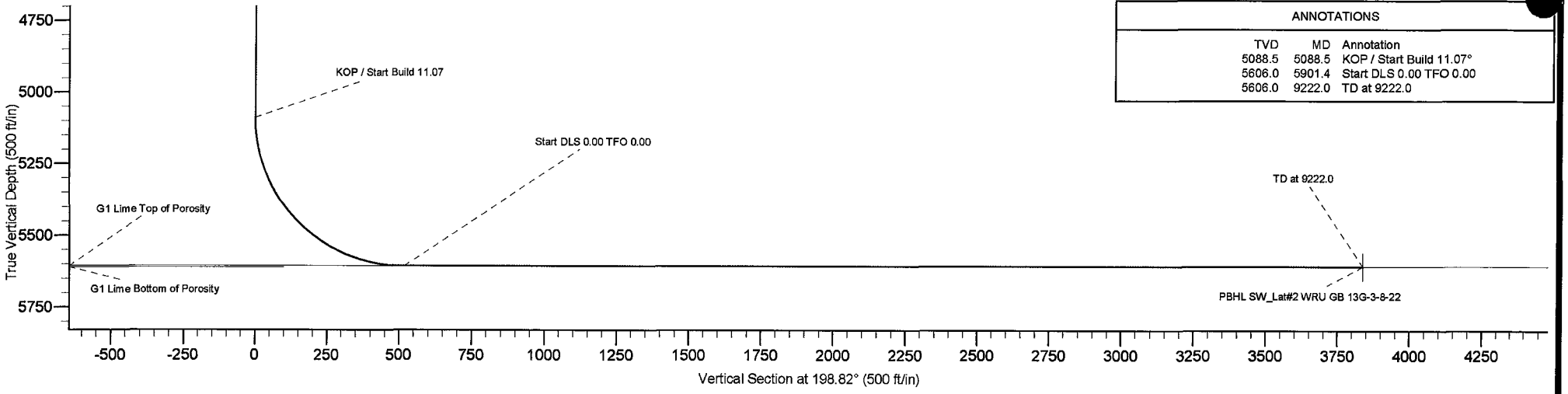
Name	TVD	+N/-S	+E/-W	Shape
PBHL SW_Lat#2 WRU GB 13G-3-8-22	5606.0	-3633.0	-1238.0	Point

FORMATION TOP DETAILS

TVDPath	MDPath	Formation
		G1 Lime Bottom of Porosity
5606.0	5901.4	G1 Lime Top of Porosity







ANNOTATIONS

TVD	MD	Annotation
5088.5	5088.5	KOP / Start Build 11.07°
5606.0	5901.4	Start DLS 0.00 TFO 0.00
5606.0	9222.0	TD at 9222.0

Lessee's or Operator's Representative:

Jan Nelson
Red Wash Rep.
Questar Exploration & Production, Co.
11002 East 17500 South
Vernal, Utah 84078
(435) 781-4331

Certification:

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

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

11/9/2007
Date

QUESTAR EXPLR. & PROD.

WRU GB #13G-3-8-22

LOCATED IN UINTAH COUNTY, UTAH
SECTION 3, T8S, R22E, S.L.B.&M.

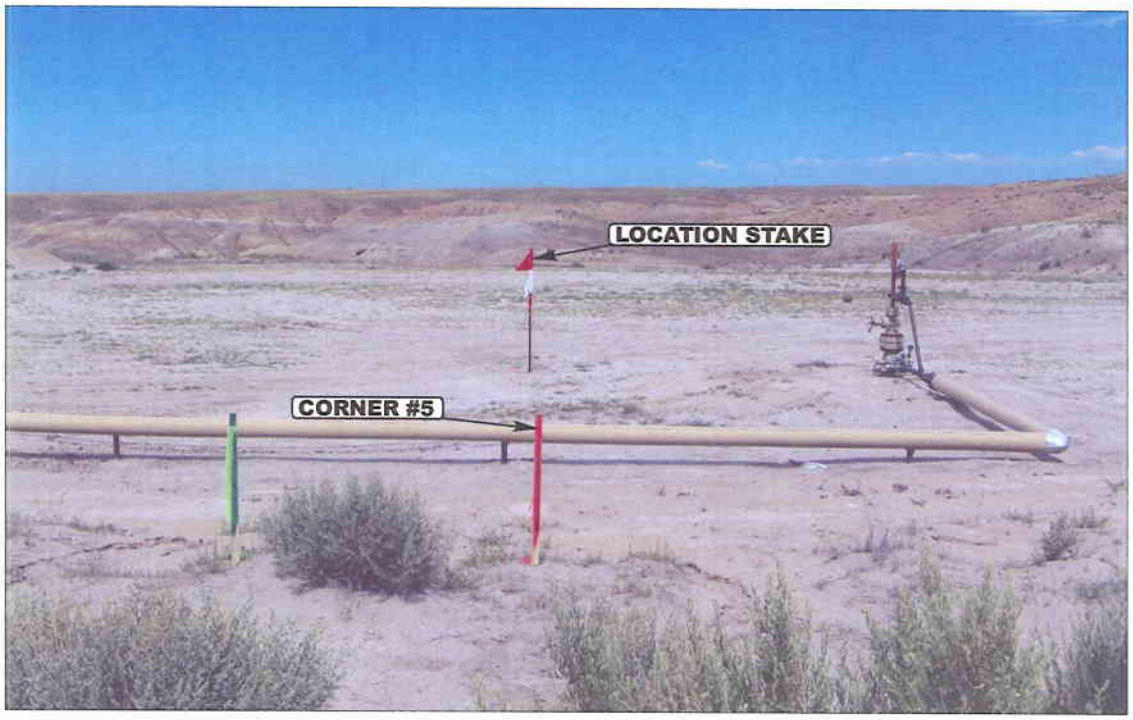


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE **CAMERA ANGLE: NORTHWESTERLY**

PHOTO: VIEW OF EXISTING ACCESS **CAMERA ANGLE: SOUTHEASTERLY**

- Since 1964 -

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

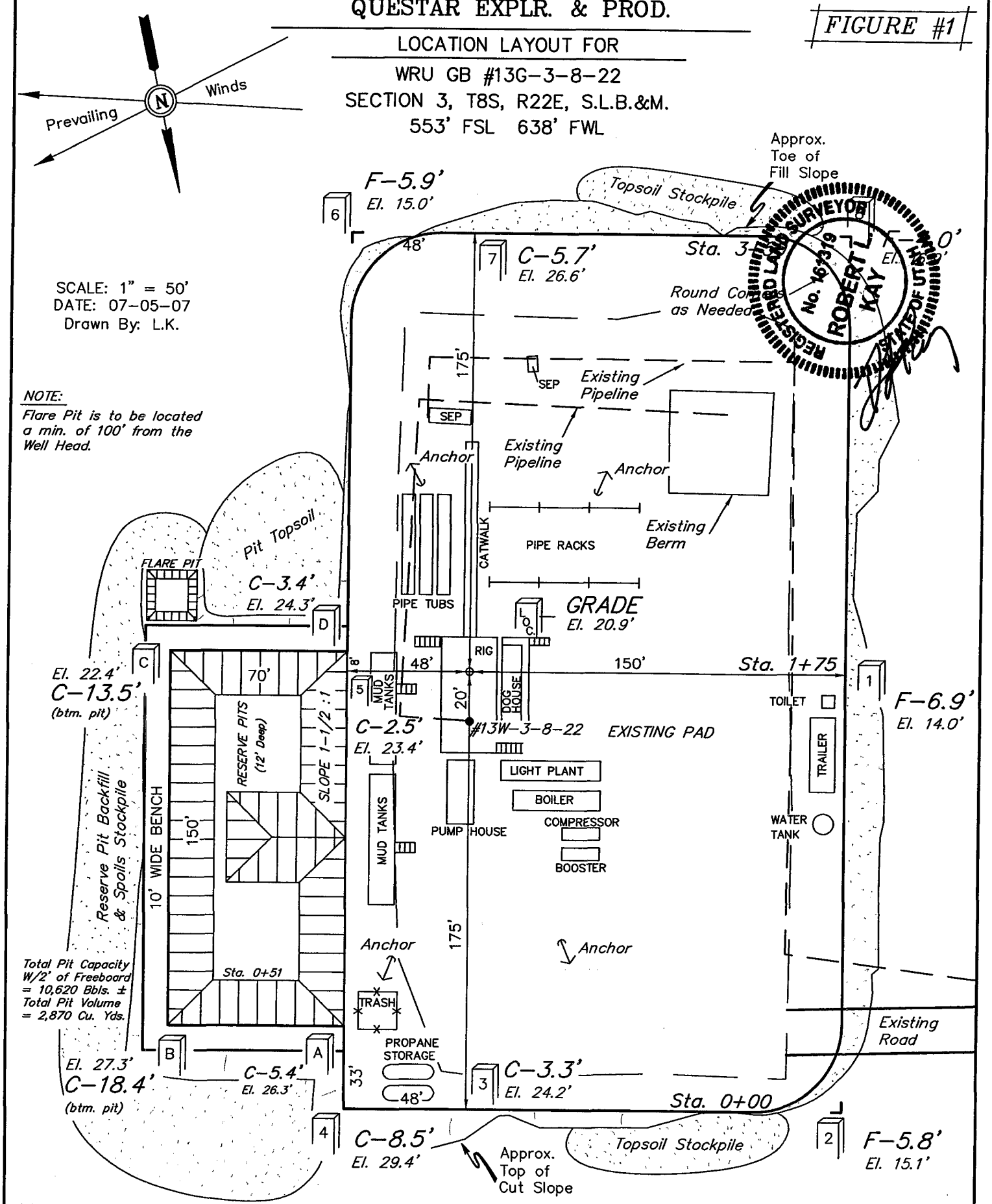
LOCATION PHOTOS	06 MONTH	26 DAY	07 YEAR	PHOTO
TAKEN BY: D.A.	DRAWN BY: C.P.	REVISED: 00-00-00		

QUESTAR EXPLR. & PROD.

LOCATION LAYOUT FOR

WRU GB #13G-3-8-22
SECTION 3, T8S, R22E, S.L.B.&M.
553' FSL 638' FWL

FIGURE #1



NOTES:

FINISHED GRADE ELEV. AT LOC. STAKE = 5120.9'

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

QUESTAR EXPLR. & PROD.

TYPICAL CROSS SECTIONS FOR

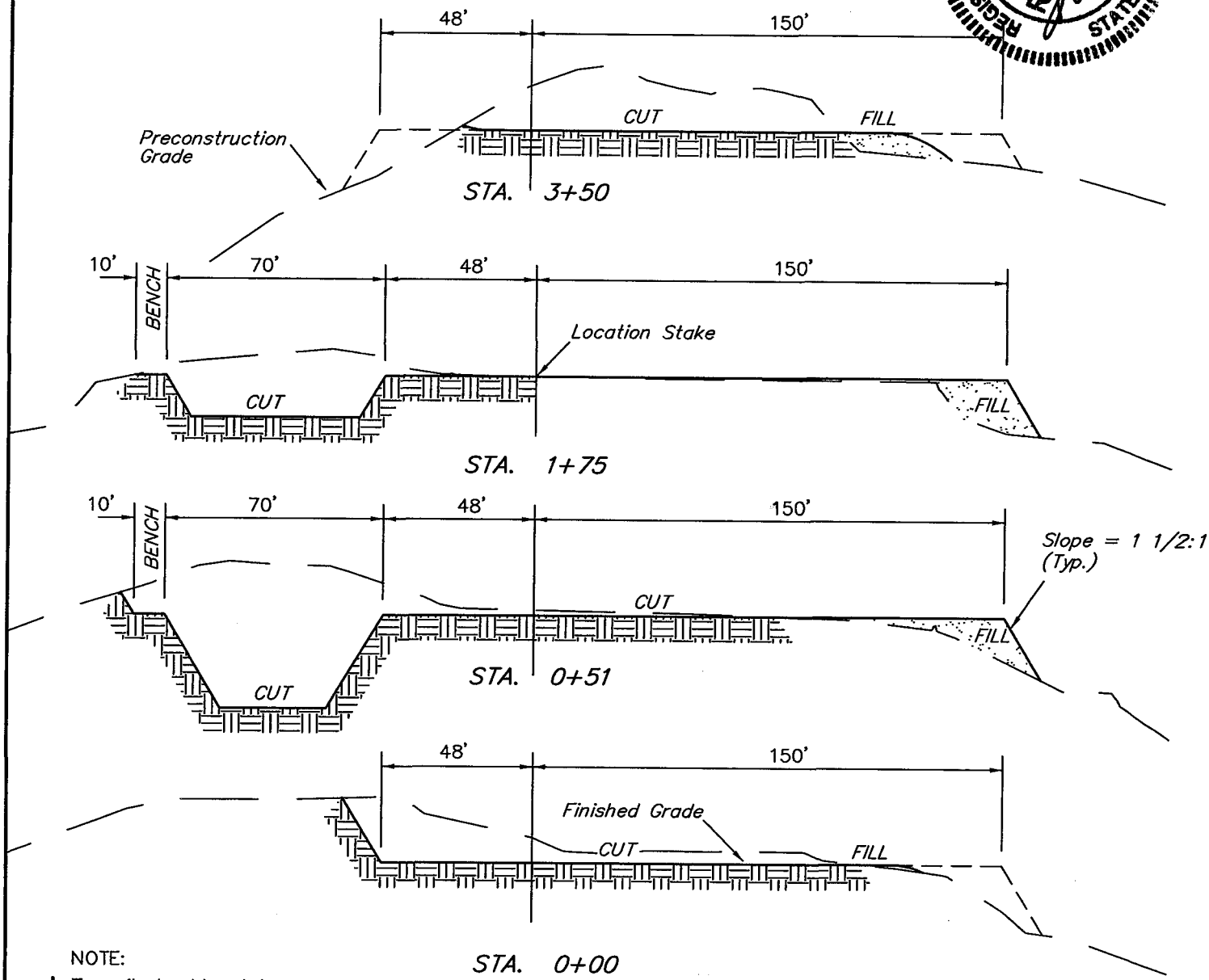
WRU GB #13G-3-8-22
SECTION 3, T8S, R22E, S.L.B.&M.
553' FSL 638' FWL

FIGURE #2

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

DATE: 07-05-07
Drawn By: L.K.

REGISTERED LAND SURVEYOR No. 161319 ROBERT L. STATE OF UTAH



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

* NOTE:
FILL QUANTITY INCLUDES 5% FOR COMPACTION

APPROXIMATE ACREAGES

WELL SITE DISTURBANCE = ± 1.388 ACRES

TOTAL = ± 1.388 ACRES

APPROXIMATE YARDAGES

CUT
(6") Topsoil Stripping = 810 Cu. Yds.
(New Construction Only)
Remaining Location = 6,450 Cu. Yds.

TOTAL CUT = 7,260 CU.YDS.
FILL = 2,470 CU.YDS.

Excess Material = 4,790 Cu. Yds.
Topsoil & Pit Backfill = 2,250 Cu. Yds.
(1/2 Pit Vol.)
EXCESS UNBALANCE = 2,540 Cu. Yds.
(After Interim Rehabilitation)

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

QUESTAR EXPLR. & PROD.

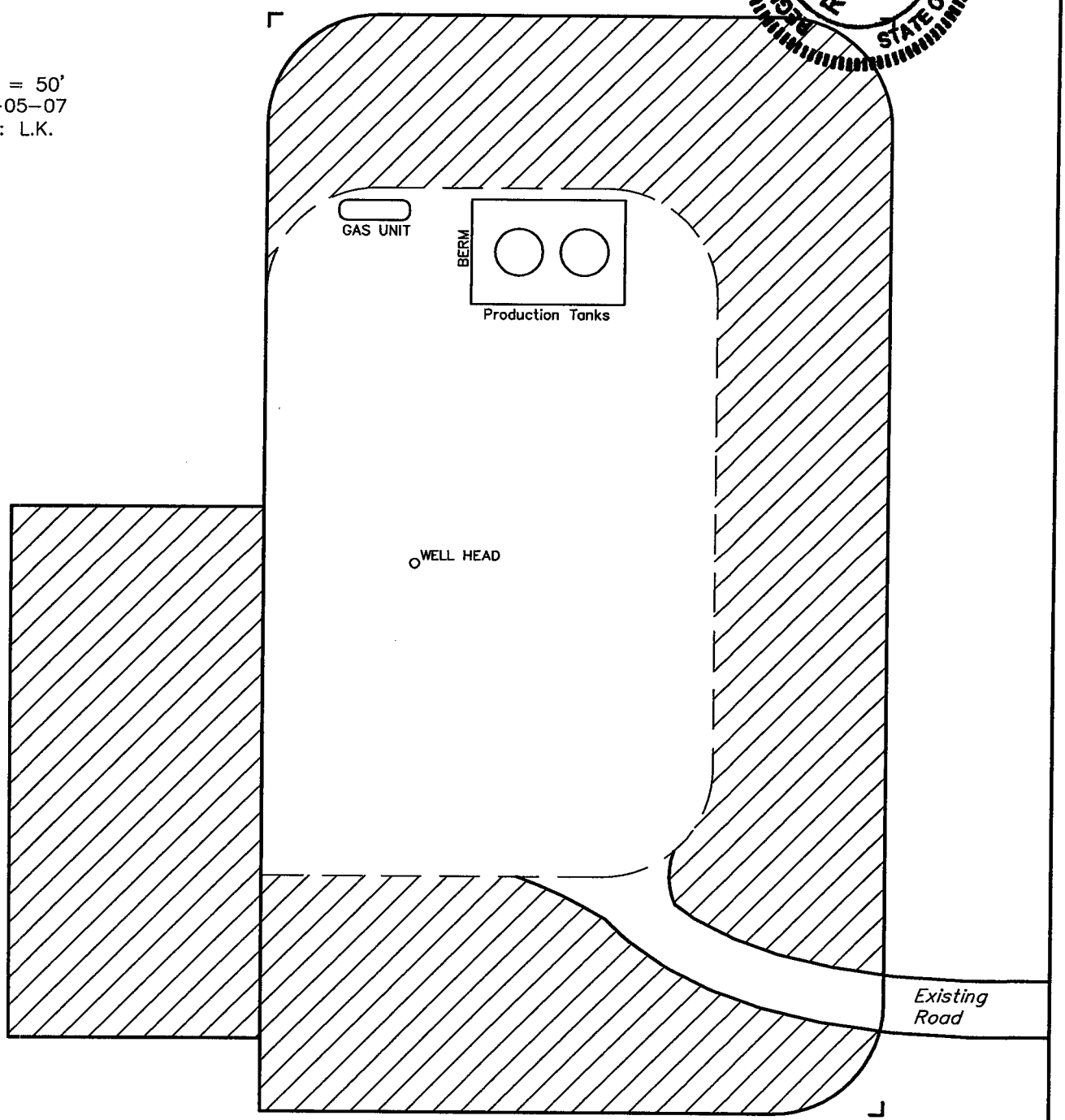
INTERIM RECLAMATION PLAN FOR

WRU GB #13G-3-8-22
SECTION 3, T8S, R22E, S.L.B.&M.
553' FSL 638' FWL

FIGURE #3

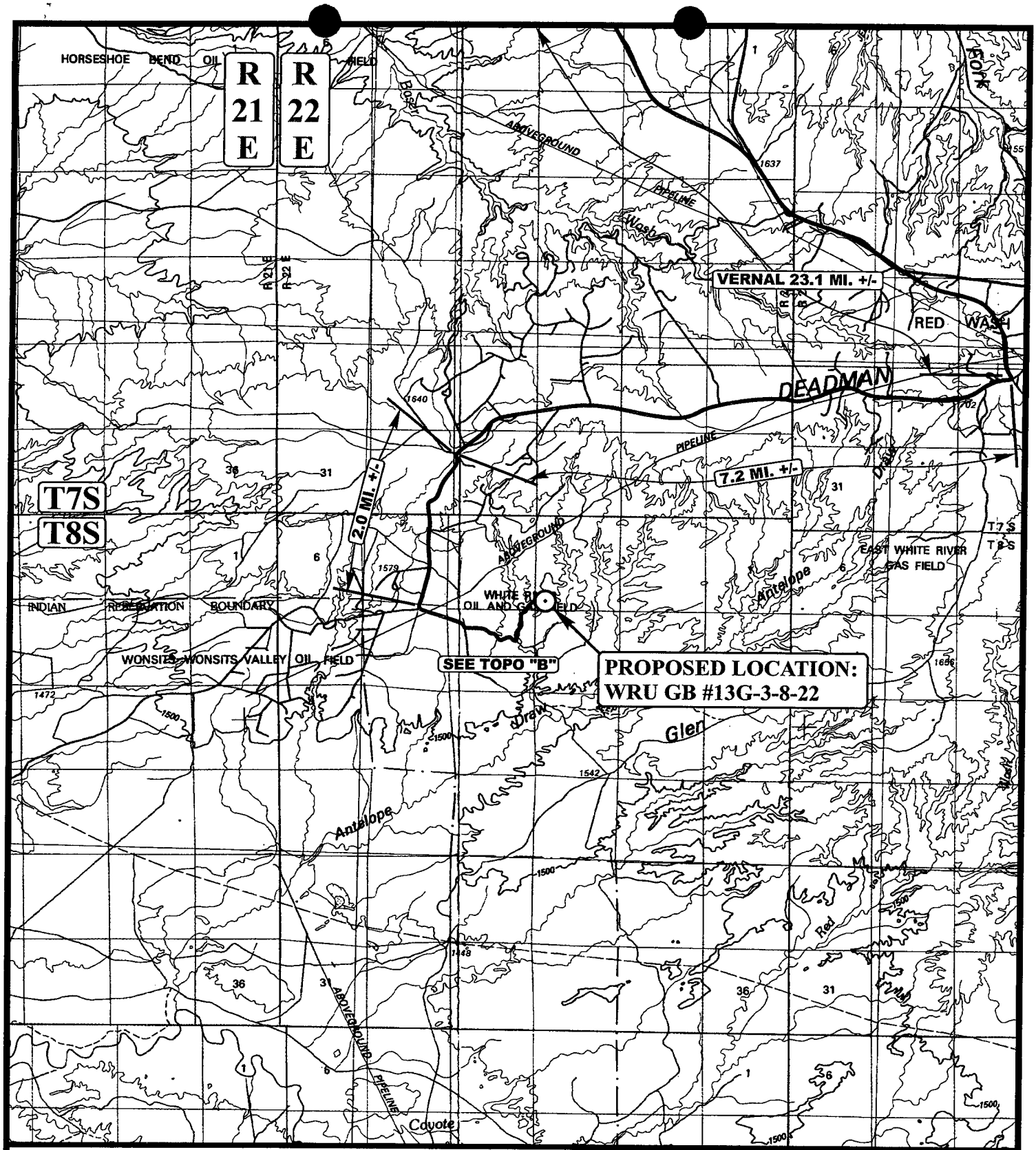
REGISTERED LAND SURVEYOR No. 161319 ROBERT KAY STATE OF UTAH

SCALE: 1" = 50'
DATE: 07-05-07
Drawn By: L.K.



INTERIM RECLAMATION

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



LEGEND:

⊙ PROPOSED LOCATION

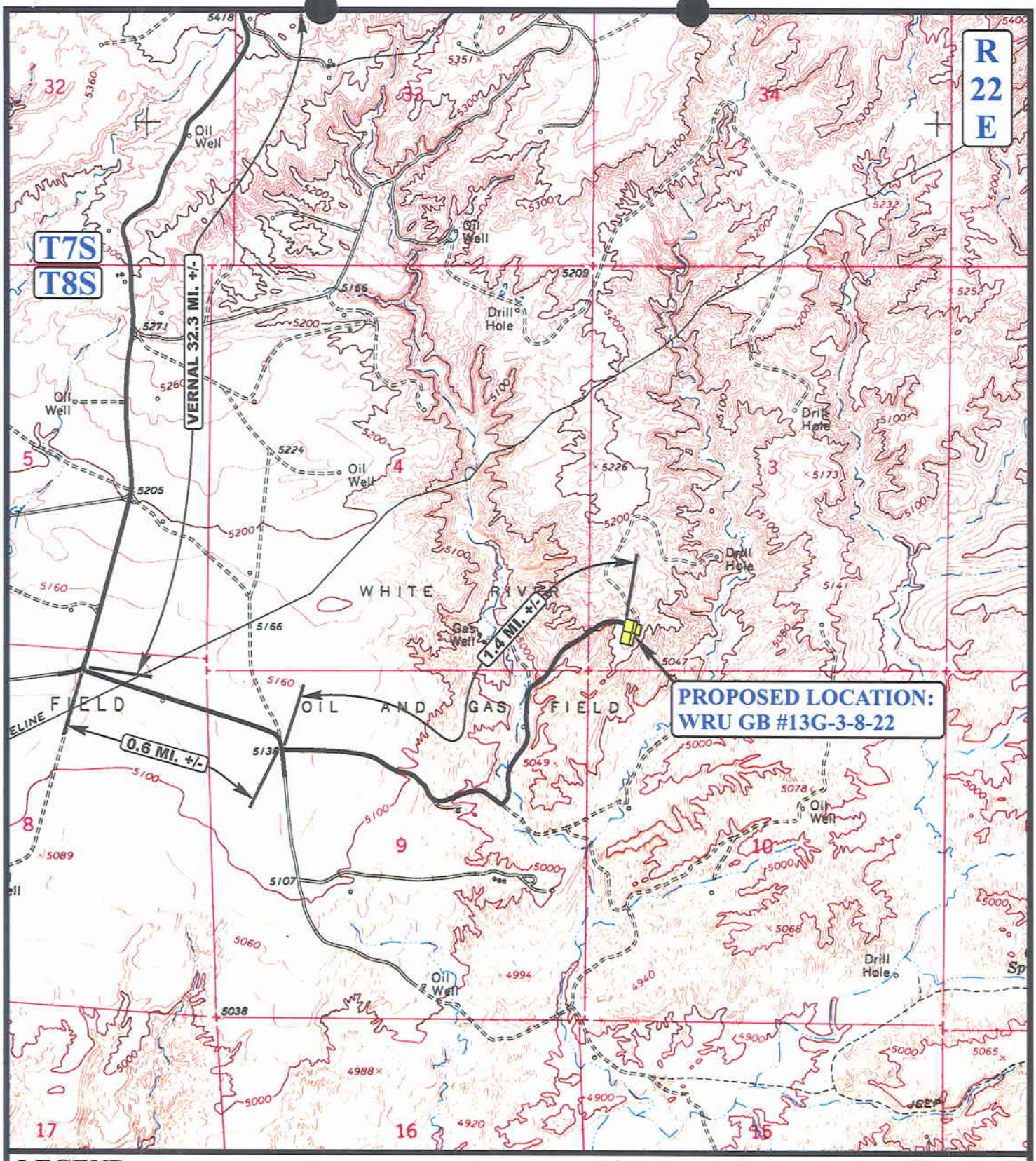
N

QUESTAR EXPLR. & PROD.

WRU GB #13G-3-8-22
SECTION 3, T8S, R22E, S.L.B.&M.
553' FSL 638' FWL

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

TOPOGRAPHIC MAP	06 MONTH	26 DAY	07 YEAR	A TOPO
SCALE: 1:100,000	DRAWN BY: C.P.	REVISED: 00-00-00		



LEGEND:

EXISTING ROAD

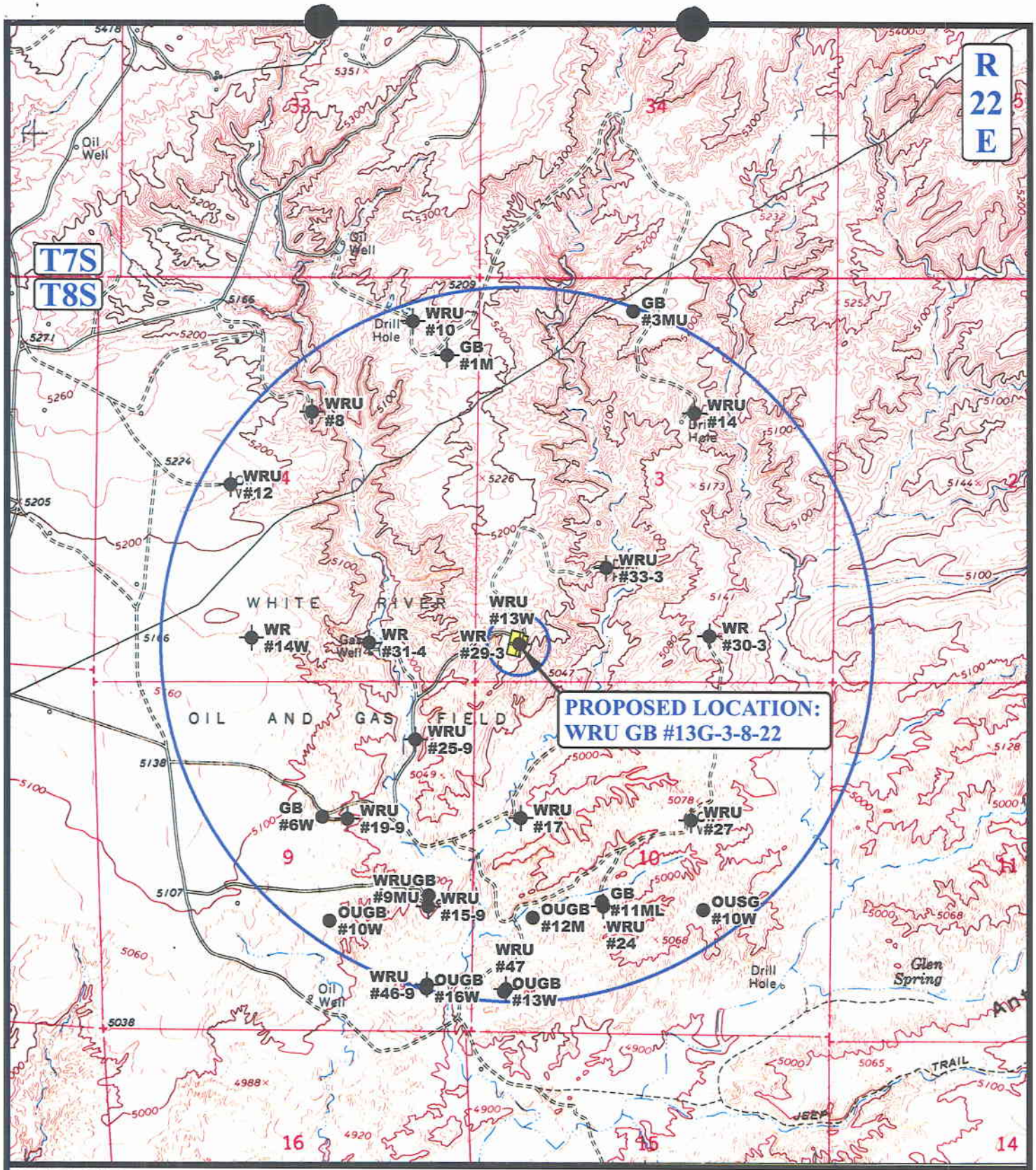
N

QUESTAR EXPLR. & PROD.

WRU GB #13G-3-8-22
SECTION 3, T8S, R22E, S.L.B.&M.
553' FSL 638' FWL

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

TOPOGRAPHIC MAP	06 MONTH	26 DAY	07 YEAR	B TOPO
SCALE: 1" = 2000'	DRAWN BY: C.P.	REVISED: 00-00-00		



LEGEND:

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

N

QUESTAR EXPLR. & PROD.

WRU GB #13G-3-8-22
SECTION 3, T8S, R22E, S.L.B.&M.
553' FSL 638' FWL

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

TOPOGRAPHIC MAP	06 MONTH	26 DAY	07 YEAR	C TOPO
SCALE: 1" = 2000'	DRAWN BY: C.P.	REVISED: 00-00-00		

WORKSHEET

APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 11/13/2007

API NO. ASSIGNED: 43-047-39792

WELL NAME: WRU GB 13G-3-8-22

OPERATOR: QUESTAR EXPLORATION & (N5085)

PHONE NUMBER: 435-781-4395

CONTACT: JAN NELSON

PROPOSED LOCATION:

SWSW 03 080S 220E

SURFACE: 0553 FSL 0638 FWL

NENE BOTTOM: 0400 FNL 0800 FEL Sec 10

COUNTY: UINTAH

LATITUDE: 40.14598 LONGITUDE: -109.4326

UTM SURF EASTINGS: 633519 NORTHINGS: 4444927

FIELD NAME: WHITE RIVER (705)

INSPECT LOCATN BY: / /

Tech Review	Initials	Date
Engineering		
Geology		
Surface		

LEASE TYPE: 1 - Federal

LEASE NUMBER: UTU-02510A

SURFACE OWNER: 1 - Federal

PROPOSED FORMATION: GRRV

COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

✓ Plat

✓ Bond: Fed[1] Ind[] Sta[] Fee[]
(No. ESB000024)

N Potash (Y/N)

N Oil Shale 190-5 (B) or 190-3 or 190-13

✓ Water Permit
(No. 49-2153)

N RDCC Review (Y/N)
(Date:)

NA Fee Surf Agreement (Y/N)

NA Intent to Commingle (Y/N)

LOCATION AND SITING:

___ R649-2-3. * Horizontal

Unit: WHITE RIVER

___ R649-3-2. General

Siting: 460 From Qtr/Qtr & 920' Between Wells

___ R649-3-3. Exception

✓ Drilling Unit

Board Cause No: 138-1

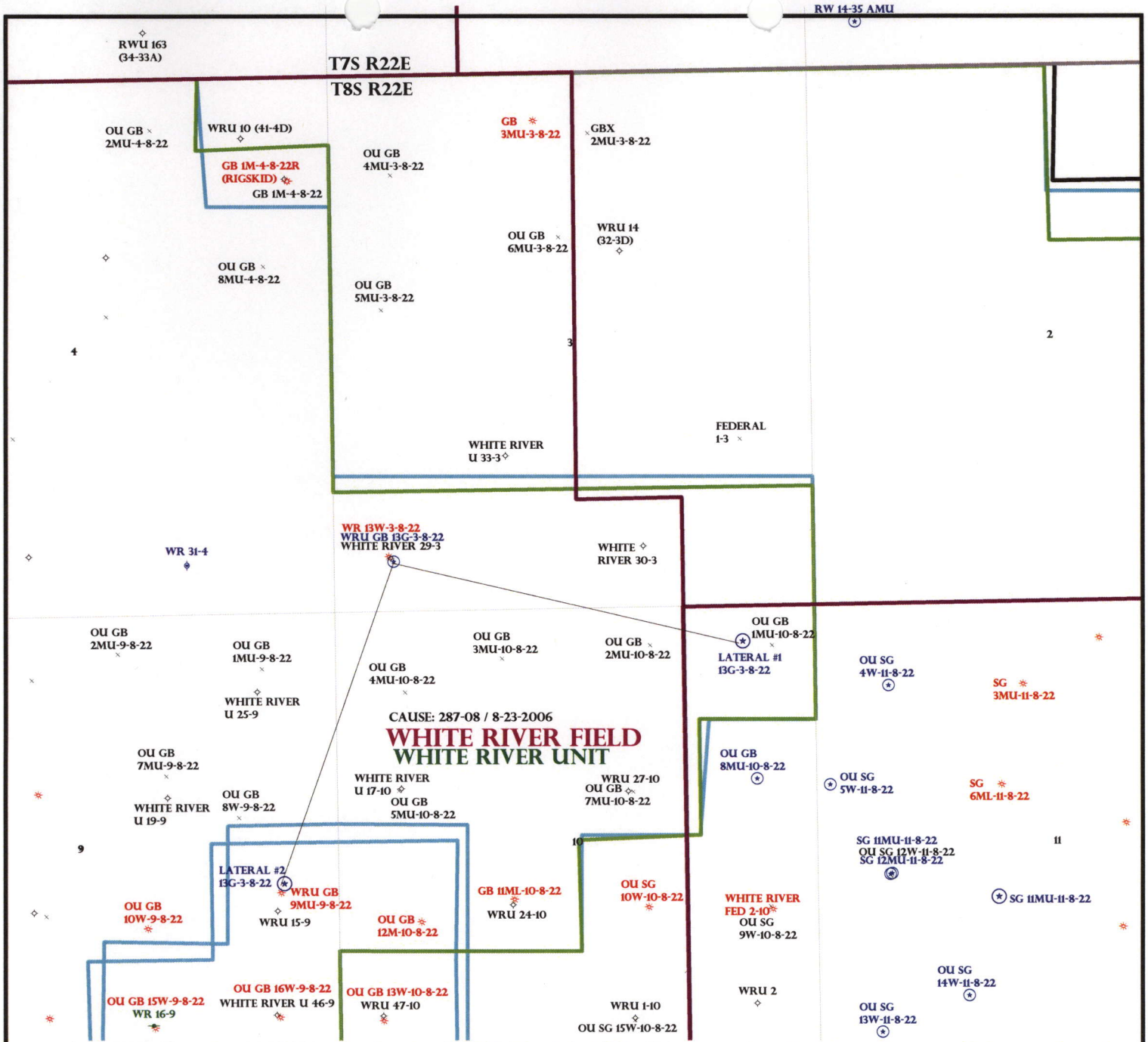
Eff Date: 8-13-1969

Siting: 460' fr ubdry & 920' fr Other wells.

X R649-3-11. Directional Drill

COMMENTS:

STIPULATIONS: 1- Federal Approval



OPERATOR: QUESTAR EXPL & PROD (N5085)

SEC: 3 T.8S R. 22E

FIELD: WHITE RIVER (705)

COUNTY: UINTAH

CAUSE: 138-1 / 8-13-1969

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

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

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

UTAH DNR
OIL, GAS & MINING

N
W E
S

PREPARED BY: DIANA MASON
DATE: 16-NOVEMBER-2007

State of Utah
DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil Gas and Mining

JOHN R. BAZA
Division Director

JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

November 19, 2007

Questar Exploration & Production
11002 E 17500 S
Vernal, UT 84078

Re: WRU GB 13G-3-8-22 Well, Surface Location 553' FSL, 638' FWL, SW SW, Sec. 3, T. 8 South, R. 22 East, Bottom Location 400' FNL, 800' FEL, NE NE, Sec. 10, T. 8 South, R. 22 East, Uintah County, Utah

Gentlemen:

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

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-39792.

Sincerely,

for Gil Hunt
Associate Director

pab
Enclosures

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

1594 West North Temple, Suite 1210, PO Box 145801, Salt Lake City, UT 84114-5801
telephone (801) 538-5340 • facsimile (801) 359-3940 • TTY (801) 538-7458 • *www.ogm.utah.gov*

UTAH DNR OIL, GAS & MINING

Operator: Questar Exploration & Production

Well Name & Number WRU GB 13G-3-8-22

API Number: 43-047-39792

Lease: UTU-02510A

Surface Location:	SW SW	**Sec.**	3	**T.**	8 South	**R.**	22 East
Bottom Location:	NE NE	**Sec.**	10	**T.**	8 South	**R.**	22 East

Conditions of Approval

1. **General**

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

2. **Notification Requirements**

   Notify the Division within 24 hours of spudding the well.

   - Contact Carol Daniels at (801) 538-5284

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

   - Contact Dustin Doucet at (801) 538-5281 (801) 733-0983 home

3. **Reporting Requirements**

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

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

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

United States Department of the Interior

BUREAU OF LAND MANAGEMENT

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

IN REPLY REFER TO:
3160
(UT-922)

November 19, 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 as a dual lateral horizontal completion within the White River Unit, Uintah County, Utah.

API #	WELL NAME	LOCATION
(Proposed PZ Green River)		
43-047-39792	WRU GB 13G-3-8-22	Sec 03 T08S R22E 0553 FSL 0638 FWL
	Lateral # 1	Sec 10 T08S R22E 0400 FNL 0800 FEL
	Lateral # 2	Sec 09 T08S R22E 2200 FSL 0600 FEL

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:11-19-07

4806-m

Form 3160-3
(July 1992)

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. UTU-02510A (BH Case-0871-A)	
6. IF INDIAN, ALLOTTEE OR TRIBE NAME N/A	
TYPE OF WORK: DRILL ☑ DEEPEN ☐	7. UNIT AGREEMENT NAME: WHITE RIVER
TYPE OF WELL: ☑ OIL WELL ☐ GAS WELL ☐ OTHER ☐ SINGLE ZONE ☐ MULTIPLE ZONE ☑	8. FARM OR LEASE NAME, WELL NO.: WRU GB 13G-3-8-22
2. NAME OF OPERATOR: QUESTAR EXPLORATION & PRODUCTION , CO. — Contact: Jan Nelson, E-Mail: jan.nelson@questar.com	9.API NUMBER: 43 047 39792
3. ADDRESS: 11002 E. 17500 SO. Vernal, Ut 84078 — Telphone number: Phone 435-781-4031 Fax 435-781-4395	10. FIELD AND POOL, OR WILDCAT: GLEN BENCH
4. LOCATION OF WELL (Report location clearly and in accordance with and State requirements*) At Surface: 553' FSL 638' FWL, SWSW, Section 3, T8S, R22E; At proposed production zone: SEE ATTACHED SHEET REGARDING BHL & LEASE DESIGNATION	11. SEC.,T, R, M, OR BLK & SURVEY OR AREA: SEC. 3, T8S, R22E Mer SLB&M
14. DISTANCE IN MILES FROM NEAREST TOWN OR POSTOFFICE*: 34 + / - SOUTH OF VERNAL, UTAH	12. COUNTY OR PARISH: Uintah — 13. STATE: UT
15. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (also to nearest drig,unit line if any): 400 ' + / - — 16.NO.OF ACRES IN LEASE: 907.83	17. NO. OF ACRES ASSIGNED TO THIS WELL: 40
18.DISTANCE FROM PROPOSED location to nearest well, drilling, completed, applied for, on this lease, ft	19. PROPOSED DEPTH: LATERAL # 1 - 9,360' MD; LATERAL # 2 - 9,200' MD — 20. BLM/BIA Bond No. on file: ESB000024
21. ELEVATIONS (Show whether DF, RT, GR, ect.): 5120.9' GR	22. DATE WORK WILL START: ASAP — 23. Estimated duration: 30 Days
24. Attachments	

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

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

SIGNED Jan Nelson — Name (printed/typed) Jan Nelson — DATE 11/09/2007

TITLE Regulatory Affairs

(This space for Federal or State office use)

RECEIVED
APR 14 2008
DIV. OF OIL, GAS & MINING

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 _____ TITLE Assistant Field Manager Lands & Mineral Resources — DATE 4-7-2008

*See Instructions On Reverse Side

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

CONFIDENTIAL

NOTICE OF APPROVAL

CONDITIONS OF APPROVAL ATTACHED

NOS: 7/24/07
07PP2504A

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 Co.**	**Location:**	**SWSW, Sec 3, T8S, R22E**
Well No:	**WRU GB 13G-3-8-22**	**Lease No:**	**UTU-02510-A**
API No:	**43-047-39792**	**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:		(435) 781-4475	(435) 828-4029
NRS/Enviro Scientist:	Karl Wright	(435) 781-4484	(435) 828-7381
NRS/Enviro Scientist:	Holly Villa	(435) 781-4404	(435) 828-3544
NRS/Enviro Scientist:		(435) 781-4476	
NRS/Enviro Scientist:	Chuck Macdonald	(435) 781-4441	(435) 828-7482
NRS/Enviro Scientist:		(435) 781-3400	(435) 828-3544
NRS/Enviro Scientist:	Michael Cutler	(435) 781-3401	(435) 828-3546
NRS/Enviro Scientist:	Anna Figueroa	(435) 781-3407	(435) 828-3548
NRS/Enviro Scientist:	Verlyn Pindell	(435) 781-3402	(435) 828-3547
NRS/Enviro Scientist:	Darren Williams	(435) 781-4447	(435) 828-4029
NRS/Enviro Scientist:	Nathan Packer	(435) 781-3405	(435) 828-3545
		Fax: (435) 781-3420	

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

SURFACE USE PROGRAM
CONDITIONS OF APPROVAL (COAs)

Surface COAs:

- 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 determination will be made by the AO as to what mitigation may be necessary for the discovered paleontologic material before construction can continue.

Additional Stipulations:

- During operations, if any vertebrate paleontological resources are discovered, all operations affecting such sites shall be immediately suspended, and all discoveries shall be left intact until authorized to proceed by the Authorized Officer. The appropriate Authorized Officer of the Vernal BLM office shall be notified within 48 hrs of the discovery, and a decision as to the preferred alternative/course of action will be rendered.

- As discussed on the onsite conducted on August 7, 2007 culverts and roadbase will be used as needed.

- The lessee/operator is given notice that lands in the lease have been identified as containing crucial pronghorn (antelope) habitat. It is requested that the lessee/operator not initiate surface disturbing activities or drilling from May 15 through June 20. A survey may be conducted by a qualified biologist or a BLM representative during this timing period to determine if pronghorn are in the area.

DOWNHOLE CONDITIONS OF APPROVAL

SITE SPECIFIC DOWNHOLE CONDITIONS OF APPROVAL

- The conductor pipe shall be set and cemented in a competent formation.
- The 7" casing cement shall extend a minimum of 200 feet above the 9 5/8" surface casing shoe.
- Logging program: Cement bond log shall be run in 7" casing to top of cement and gamma ray shall be run to surface.
- "A mister with a continuous stream of water shall be installed near the end of the blooie lines for dust suppression" is approved in lieu of deduster equipment. All other equipment for air/gas drilling shall meet specifications in Onshore Order #2, III. Requirements, E. Special Drilling Operations.

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.
- All requirements listed in Onshore Order #2 III. E. Special Drilling Operations are applicable for air drilling of surface hole.
- 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.

- While actively drilling, 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.

CONFIDENTIAL

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: **QUESTAR EXPLORATION & PRODUCTION CO**

Well Name: **WRU GB 13G-3-8-22**

Api No: **43-047-39792** Lease Type: **FEDERAL**

Section **03** Township **08S** Range **22E** County **UINTAH**

Drilling Contractor **PETE MARTIN DRLG** RIG # **RATHOLE**

SPUDDED:

Date **06/08/08**

Time **9:00 AM**

How **DRY**

Drilling will Commence:

Reported by **RICK BUSH**

Telephone # **(307) 850-2092**

Date **06/09//08** **Signed** **CHD**

Form 3160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

CONFIDENTIAL

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. Lease Designation and Serial No.
UTU-02510A
(BH - UTU-0971A)

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

7. If Unit or CA, Agreement Designation
WHITE RIVER

8. Well Name and No.
WRU GB 13G 3 8 22

9. API Well No.
43-047-39792

10. Field and Pool, or Exploratory Area
GLEN BENCH

11. County or Parish, State
UINTAH

SUBMIT IN TRIPLICATE

1. Type of Well
[X] Oil Well [ ] Gas Well [ ] Other

2. Name of Operator
QUESTAR EXPLORATION & PRODUCTION CO.

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

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
SURFACE: 553' FSL, 638' FWL, SWSW, SEC 3-T8S-R22E
BOTTOM: 400' FNL, 800' FEL, NENE, SEC 10-T8S-R22E

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

TYPE OF SUBMISSION	TYPE OF ACTION	
[ ] Notice of Intent	[ ] Abandonment	[ ] Change of Plans
	[ ] Recompletion	[ ] New Construction
[X] Subsequent Report	[ ] Plugging Back	[ ] Non-Routine Fracturing
	[ ] Casing Repair	[ ] Water Shut-Off
[ ] Final Abandonment Notice	[ ] Altering Casing	[ ] Conversion to Injection
	[X] Other **SPUD**	[ ] 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 6/8/08 - Drilled 40' of 17-1/2" conductor hole. Set 40' of 14" conductor pipe. Cmtd w/ Ready Mix.

RECEIVED
JUN 12 2008
DIV. OF OIL, GAS & MINING

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

14. I hereby certify that the foregoing is true and correct
Signed **Dahn F. Caldwell** Title **Office Administator II** Date **6/10/08**

(This space for Federal or State office use)

Approved by: Title Date

Conditions of approval, if any

CONFIDENTIAL

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.

State of Utah
Division of Oil, Gas and Mining

ENTITY ACTION FORM - FORM 6

OPERATOR ACCT. No. N-5085

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

Action Code	Current Entity No.	New Entity No.	API Number	Well Name	QQ	SC	TP	RG	County	Spud Date	Effective Date
B	99999	4915	43-047-39792	WRU GB 13G 3 8 22	SWSW	3	8S	22	Uintah	6/8/08	6/19/08

WELL 1 COMMENTS: BOTTOM LOCATION - 400' FNL, 800' FEL, NENE, SEC 10-T8S-R22E
GRRV BHL = NENE Sec 10

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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)

Sabrina F Caldwell
Signature

Office Administrator II 6/10/08
Title Date

Phone No. (435)781-4342

RECEIVED
JUN 12 2008
DIV. OF OIL, GAS & MINING

CONFIDENTIAL

43-047-39792
3 8s 22e

CONFIDENTIAL

QUESTAR

Operations Summary Report

Legal Well Name: WRU GB 13G-3-8-22
Common Well Name: WRU GB 13G-3-8-22 — Spud Date: 6/12/2008
Event Name: DRILLING — Start: 6/10/2008 — End:
Contractor Name: Ensign Drilling USD — Rig Release: — Group:
Rig Name: ENSIGN — Rig Number: 57

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
6/12/2008	06:00 - 10:00	4.00	LOC	2	DRLCON	RIG UP BUCKET RIG-DRILL 17 1/2" HOLE 40' DEEP-SET 14" PIPE AND CEMENT SAME- ACTUAL SPUD ON 6/11/08 AT 0700 HRS.
	10:00 - 01:00	15.00	DRL	9	DRLSUR	MOVE IN & RIG UP AIR RIG- DRILL 12 1/4" HOLE F/ 40' TO 535' (18' OF RAT HOLE)- BLOW DOWN HOLE- LAY DOWN PIPE
	01:00 - 03:00	2.00	CSG	2	CSGSUR	RUN 12 JOINTS OF 9 5/8", J-55, 36#, STC CASING-LAND CASING @ 517 FEET
	03:00 - 06:00	3.00	CMT	2	CSGSUR	CEMENT 9 5/8" CASING AS PER PROGRAM: PUMP 30 BBLS. CLEAR WATER & 20 BBLS. GEL WATER-MIX & PUMP 51 BBLS. 15.8PPG LEAD SLURRY-DISPLACE W/ 36.4 BBLS. CLEAR WATER-BUMP PLUG W. 900 PSI-CHECK FLOATS (OK)-FULL RETURNS DURING JOB/ 20 BBLS. CEMENT TO SURFACE
6/24/2008	06:00 - 17:00	11.00	LOC	3	MIRU	100% RIGGED DOWN, 70% LOADED, 60% MOVED, 0% RIGGED UP
	17:00 - 18:00	1.00	WOT	3	MIRU	WAIT ON STORM FRONT WITH LIGHTNIG
	18:00 - 06:00	12.00	LOC	3	MIRU	WAIT ON DAYLIGHTS, DRY WATCH ON NEW LOCATION
6/25/2008	06:00 - 18:00	12.00	LOC	3	MIRU	100% RIGGED DOWN, 100% MOVED, 50% RIGGED UP
	18:00 - 06:00	12.00	LOC	3	MIRU	WAIT ON DAYLIGHTS
6/26/2008	06:00 - 06:00	24.00	LOC	4	MIRU	100% MOVED, 90% RIGGED UP, RAISED DERRICK @14:30, GENERAL RIG UP BACK YARD, REPLACE LINERS IN BOTH PUMPS WITH 6". HAVE WHITE MOUNTAIN REPAIR AND RECONFIGURE PREMIX - REPLACE BOTH CENTRIFICALS, ADD 6" VALVE BETWEEN PUMPS AND REPLACE 2" VALVES ON UPPER GUN LINES. REPLACE DEVIDER BETWEEN PILL TANK AND ACTIVE, REMOVE RISER AND REPLACE GRATING. MOUNT THE TORQUE WHEEL AND GAUGE FOR TABLE. INSTALL D.S.A., WEAR BUSHING LOCKDOWN FLANGE AND PICK UP B.O.P.'S START TO NIPPLE UP THE B.O.P'S
6/27/2008	06:00 - 10:00	4.00	LOC	4	MIRU	RIG UP & PREPARE TO DRILL
	10:00 - 16:30	6.50	BOP	1	MIRU	NIPPLE UP B.O.P'S
	16:30 - 21:30	5.00	BOP	2	MIRU	TEST B.O.P'S (KELLY VALVES UPPER& LOWER, PIPE RAMS ALL KILL AND CHOKE VALVES BLIND RAMS TO 250 LOW AND 3000 PSI HIGH ANNULAR TO 250 LOW & 1500 HIGH TEST CASING TO 1500 PSI FOR 30 MINUTES, NOTIFIED BLM JAMIE SPARGER OF BOPE TEST
	21:30 - 22:00	0.50	LOG	2	MIRU	SET 9 5/8 WEAR BUSHING AND RUN IT, LOCK DOWN BOLTS
	22:00 - 00:00	2.00			MIRU	RIG UP AND RUN GYRO LOGS ON 9 5/8" CASING STRING TAGED CEMENT @ 409 FEET
	00:00 - 04:00	4.00	LOC	4	MIRU	RIG UP GAS BUSTER , FLARE LINES AND FINISH WELDING IN PILL TANK AND CLEAN OUT MUD PITS OF ALL WELDING SLAG, WELDING RODS ETC. FILL PITS WITH WATER
	04:00 - 06:00	2.00	TRP	1	MIRU	LAY OUT & STRAP B.H.A. #1
6/28/2008	06:00 - 07:00	1.00	TRP	1	DRLPRO	LAY OUT & STRAP B.H.A. #1
	07:00 - 10:00	3.00	TRP	1	DRLPRO	PICK UP MOTOR AND ORINATE TOOLS
	10:00 - 12:00	2.00	TRP	1	DRLPRO	PICK UP B.H.A. & HWDP
	12:00 - 14:00	2.00	DRL	4	DRLPRO	DRILL CEMENT AND FLOAT EQUIPMENT TAG CEMENT @ 409 FEET
	14:00 - 14:30	0.50	OTH		DRLPRO	PERFORM LEAK OFF TEST @ 523 FEET = 10 PSI = 8.7 EMW WITH 8.3 PPG MUD IN THE HOLE
	14:30 - 15:00	0.50	SUR	1	DRLPRO	RIG UP AND RUN GYRO SURVEY
	15:00 - 17:00	2.00	DRL	2	DRLPRO	DRILL FROM 557 FEET TO 613 FEET (SLIDE F/ 557 TO 563 ROTATE F/ 563 TO 574)
	17:00 - 17:30	0.50	RIG	1	DRLPRO	RIG SERVICE & FUNCTION ANNULAR
	17:30 - 18:30	1.00	DRL	2	DRLPRO	DRILL FROM 613 TO 644
	18:30 - 19:00	0.50	SUR	1	DRLPRO	SURVEY (GYRO RUN)

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Operations Summary Report

Legal Well Name: WRU GB 13G-3-8-22
Common Well Name: WRU GB 13G-3-8-22 — Spud Date: 6/12/2008
Event Name: DRILLING — Start: 6/10/2008 — End:
Contractor Name: Ensign Drilling USD — Rig Release: — Group:
Rig Name: ENSIGN — Rig Number: 57

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
6/28/2008	19:00 - 19:30	0.50	DRL	2	DRLPRO	SLIDE F/ 644 TO 651 ROTATE F/ 651 TO 676 FEET
	19:30 - 20:00	0.50	SUR	1	DRLPRO	RUN GYRO SURVEY
	20:00 - 21:00	1.00	DRL	2	DRLPRO	DRILL FROM 676 TO 728 FEET (ROTATE)
	21:00 - 22:00	1.00	SUR	1	DRLPRO	RUN GYO SURVEY
	22:00 - 22:30	0.50	DRL	2	DRLPRO	DRILL SLIDE FROM 728 TO 733 FEET ROTATE FROM 733 TO 758 FEET
	22:30 - 23:00	0.50	SUR	1	DRLPRO	RUN GYRO TOOLS (RIG DOWN GYRO TOOLS)
	23:00 - 04:00	5.00	DRL	2	DRLPRO	DIRECTIONAL DRILL (SLIDE F/758 TO 765 - ROTATE 765 TO 850 SLIDE 850 TO 857 ROTATE 857 TO 882 SLIDE 882 TO 887 ROTATE 887 TO 1002 SLIDE 1002 TO 1126
	04:00 - 06:00	2.00	SUR	1	DRLPRO	SURVEY AND CONNECTIONS
6/29/2008	06:00 - 13:30	7.50	DRL	2	DRLPRO	DIRECTIONAL DRILL 8 3/4" HOLE FROM 1126 FEET TO 1904 FEET (ROTATE = 766 FEET SLIDE= 12 FEET TOTAL = 778 FEET
	13:30 - 14:00	0.50	RIG	1	DRLPRO	RIG SERVICE AND FUNCTION PIPE RAMS
	14:00 - 18:00	4.00	SUR	1	DRLPRO	SURVEY TIME AND CONNECTION TIME
	18:00 - 03:00	9.00	DRL	2	DRLPRO	DIRECTIONAL DRILL 8 3/4" HOLE FROM 1904 FEET TO 2432 FEET (ROTATE = 496 FEET SLIIDE= 32) TOTAL FEET DRILLED = 528
	03:00 - 06:00	3.00	SUR	1	DRLPRO	SURVEY AND CONNECTION TIME SLIDE TIME = 1 1/2 HOURS AND ROTATE TIME = 7 1/2 HRS
	06:00 -				DRLPRO	B.O.P. DRILL RESPONSE TIME= 1 MINUTE SLOW PUMP RATE = #2 PUMP @ 1863 FEET WITH 8.3 PPG MUD = 43 STKS= 140 PSI @ 55 STKS= 200 PSI
6/30/2008	06:00 - 14:00	8.00	DRL	2	DRLPRO	DIRECTIONAL DRILL FROM 2432 FEET TO 2774 FEET
	14:00 - 14:30	0.50	RIG	1	DRLPRO	RIG SERVICE FUNCTION ANNULAR PREVENTOR
	14:30 - 15:00	0.50	DRL	2	DRLPRO	DIRECTIONAL DRILL FROM 2774 TO 2970 FEET
	15:00 - 18:00	3.00	SUR	1	DRLPRO	SURVEY AND CONNECTION TIME
	18:00 - 19:00	1.00	DRL	2	DRLPRO	DIRECTIONAL DRILL FROM 2970 FEET TO 3054 FEET
	19:00 - 19:30	0.50	CIRC	1	DRLPRO	CIRC SWEEP TO SURFACE
	19:30 - 23:00	3.50	TRP	14	DRLPRO	SHORT TRIP FROM 3054 FEET TO 1030 FEET (TAG A BRIDGE @ 2930 FEET PICK UP THE KELLY AND WASH AND REAM TO BOTTOM
	23:00 - 05:00	6.00	DRL	2	DRLPRO	DIRECTIONAL DRILL FROM 3054 FEET TO 3364 FEET (TOTAL ROTATE FEET = 900 TOTAL SLIDE = 32 FEET)
	05:00 - 06:00	1.00	SUR	1	DRLPRO	SURVEY AND CONNECTION TIME
7/1/2008	06:00 - 14:30	8.50	DRL	2	DRLPRO	DIRECTIONAL DRILL FROM 3364 FEET TO 3613 FEET
	14:30 - 15:00	0.50	RIG	1	DRLPRO	RIG SERVICE AND FUNCTION PIPE RAMS
	15:00 - 17:00	2.00	DRL	2	DRLPRO	DIRECTIONAL DRILL FROM 3613 TO 3690
	17:00 - 18:00	1.00	SUR	1	DRLPRO	SURVEY AND CONNECTIONS
	18:00 - 04:30	10.50	DRL	2	DRLPRO	DIRECTIONAL DRILL FROM 3690 FEET TO 4141 FEET
	04:30 - 06:00	1.50	SUR	1	DRLPRO	SURVEY AND CONNECTIONS TOTAL FOOTAGE ROTATING= 757 TOTAL FOTAGE SLIDING= 20 FEET SLOW PUMP RATE = #1 PUMP =42 STKS = 170 PSI 58 STKS = 280 PSI @ 3551 FEET M/W= 8.6 PPG

43-047-39792
3 8s 22e

Scientific Drilling

Directional Survey Certification

CONFIDENTIAL

7327 West Barton Road
Casper, WY 82604
(307)-472-6621 Fax (307) 472-5439

Operator	Questar Exploration & Production
Well Name & No.	WRU GB 13G-3-8-22 SSE Lateral
County & State	Uintah County, UT
SDI Job No.	41DEF0806521
Rig	Ensign 67

I, Julie Cruse, having personal knowledge of all the facts, hereby certify that the attached directional survey run from a measured depth of 0 feet to a measured depth of 9650 feet is true and correct as determined from all available records.

Julie Cruse
Signature

20-Aug-08
Date

Julie Cruse
Rockies Region Engineer
Scientific Drilling - Rocky Mountain District

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Scientific Drilling
Rocky Mountain Operations

Project: Uintah County, UT NAD27
Site: WRU GB
Well: WRU GB 13G-3-8-22
Wellbore: OH - SSE Lateral
Design: OH - SSE Lateral

Questar Exploration & Production

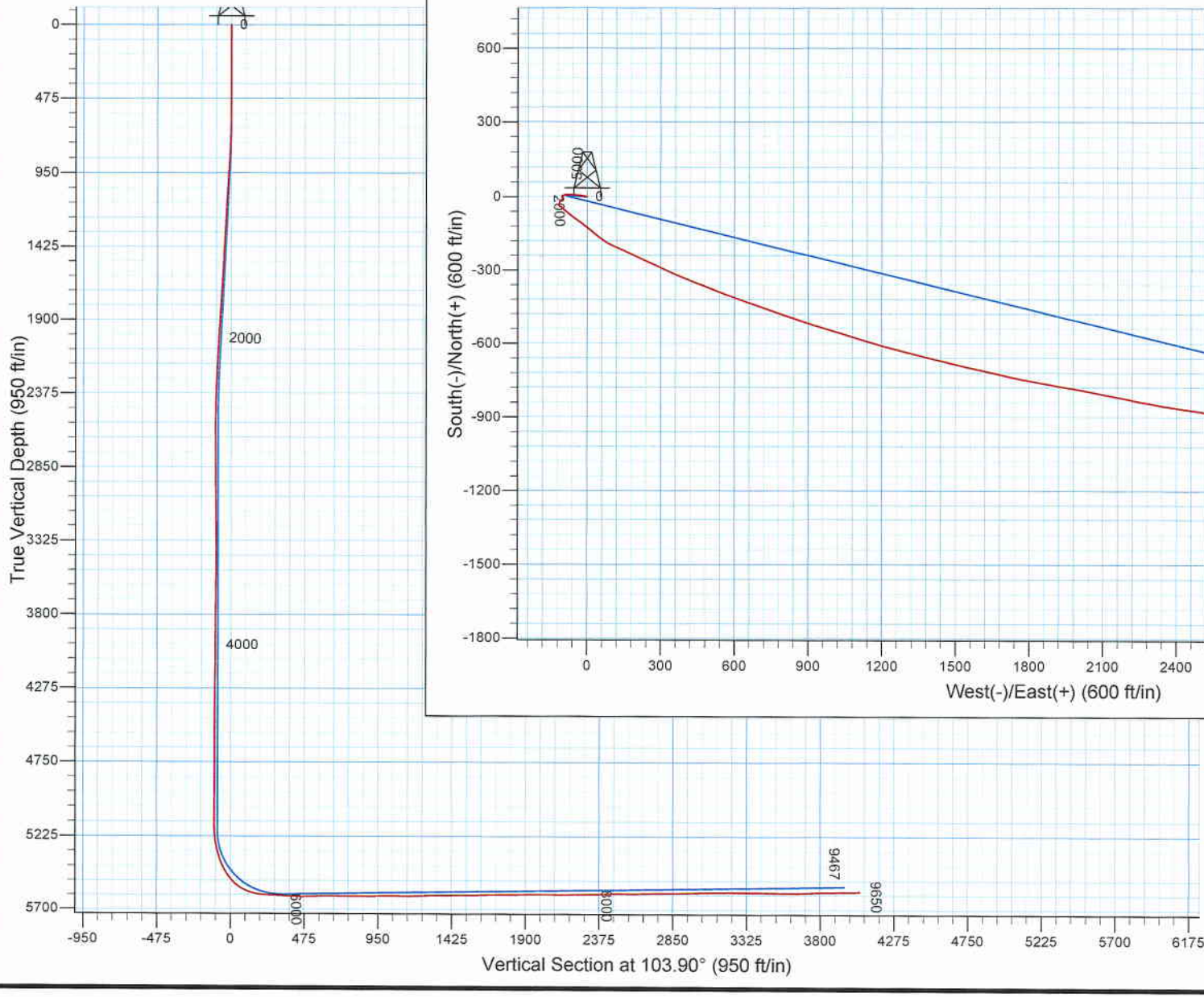
T M Azimuths to True North
Magnetic North: 11.44°

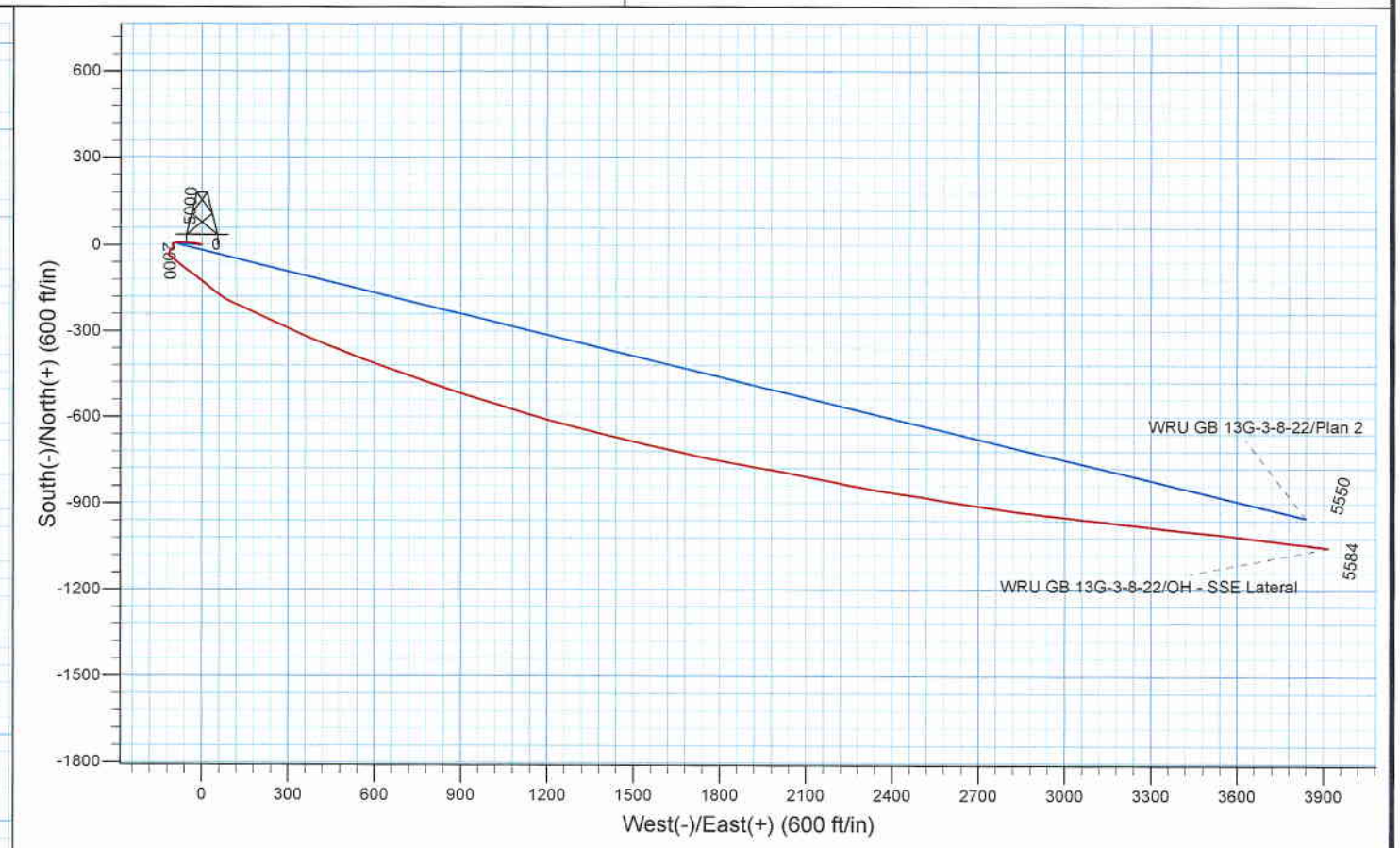
Magnetic Field
Strength: 52736.0snT
Dip Angle: 66.08°
Date: 2008/06/24
Model: IGRF2005-10

WELL DETAILS: WRU GB 13G-3-8-22

GL 5121' & RKB 16' @ 5137.00ft (Ensign 57)5121.00

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
0.00	0.00	666889.67	2577882.01	40° 8' 45.440 N	109° 25' 57.500 W





Design: OH - SSE Lateral (WRU GB 13G-3-8-22/OH - SSE Latera

Created By: Julie Cruse Date: 2008-08-20

PROJECT DETAILS: Uintah County, UT NAD27

Geodetic System: US State Plane 1927 (Exact solution)
Datum: NAD 1927 (NADCON CONUS)
Ellipsoid: Clarke 1866
Zone: Utah Central 4302

System Datum: Mean Sea Level
Local North: True North

Questar Exploration & Production

Uintah County, UT NAD27
WRU GB
WRU GB 13G-3-8-22
OH - SSE Lateral

Design: OH - SSE Lateral

Standard Survey Report

20 August, 2008

Scientific Drilling

Survey Report

Company:	Questar Exploration & Production	**Local Co-ordinate Reference:**	Well WRU GB 13G-3-8-22
Project:	Uintah County, UT NAD27	**TVD Reference:**	GL 5121' & RKB 16' @ 5137.00ft (Ensign 57)
Site:	WRU GB	**MD Reference:**	GL 5121' & RKB 16' @ 5137.00ft (Ensign 57)
Well:	WRU GB 13G-3-8-22	**North Reference:**	True
Wellbore:	OH - SSE Lateral	**Survey Calculation Method:**	Minimum Curvature
Design:	OH - SSE Lateral	**Database:**	EDM 2003.16 Multi-User Db

Project Uintah County, UT NAD27

Map System:	US State Plane 1927 (Exact solution)	**System Datum:**	Mean Sea Level
Geo Datum:	NAD 1927 (NADCON CONUS)		
Map Zone:	Utah Central 4302		

Site WRU GB,

Site Position:		**Northing:**	666,889.69 ft	**Latitude:**	40° 8' 45.440 N
From:	Lat/Long	**Easting:**	2,577,882.01 ft	**Longitude:**	109° 25' 57.500 W
Position Uncertainty:	0.00 ft	**Slot Radius:**	in	**Grid Convergence:**	1.32 °

Well WRU GB 13G-3-8-22, 553' FSL 638' FWL Sec 3 T8S R22E

Well Position	**+N/-S**	0.00 ft	**Northing:**	666,889.67 ft	**Latitude:**	40° 8' 45.440 N
	+E/-W	0.00 ft	**Easting:**	2,577,882.01 ft	**Longitude:**	109° 25' 57.500 W
Position Uncertainty		0.00 ft	**Wellhead Elevation:**	ft	**Ground Level:**	5,121.00 ft

Wellbore OH - SSE Lateral

Magnetics	**Model Name**	**Sample Date**	**Declination (°)**	**Dip Angle (°)**	**Field Strength (nT)**
	IGRF2005-10	2008/06/24	11.44	66.08	52,736

Design OH - SSE Lateral

Audit Notes:

Version:	1.0	**Phase:**	ACTUAL	**Tie On Depth:**	0.00

Vertical Section:	**Depth From (TVD) (ft)**	**+N/-S (ft)**	**+E/-W (ft)**	**Direction (°)**
	0.00	0.00	0.00	103.90

Survey Program **Date** 2008/08/20

From (ft)	**To (ft)**	**Survey (Wellbore)**	**Tool Name**	**Description**
30.00	600.00	Survey #1 (OH - SSE Lateral)	NS-GYRO-SS	NS Gyro single shots
684.00	9,650.00	Survey #2 (OH - SSE Lateral)	MWD	MWD - Standard

Survey

Measured Depth (ft)	**Inclination (°)**	**Azimuth (°)**	**Vertical Depth (ft)**	**+N/-S (ft)**	**+E/-W (ft)**	**Vertical Section (ft)**	**Dogleg Rate (°/100ft)**	**Build Rate (°/100ft)**	**Turn Rate (°/100ft)**
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
30.00	0.23	343.79	30.00	0.06	-0.02	-0.03	0.77	0.77	0.00
60.00	0.22	357.22	60.00	0.17	-0.04	-0.08	0.18	-0.03	44.77
90.00	0.29	331.97	90.00	0.30	-0.07	-0.14	0.44	0.23	-84.17
120.00	0.12	0.61	120.00	0.40	-0.11	-0.20	0.64	-0.57	95.47
150.00	0.16	269.96	150.00	0.43	-0.15	-0.25	0.67	0.13	-302.17
180.00	0.10	82.63	180.00	0.43	-0.17	-0.27	0.86	-0.20	575.57
210.00	0.05	351.38	210.00	0.45	-0.14	-0.25	0.38	-0.17	-304.17
240.00	0.09	173.82	240.00	0.44	-0.14	-0.24	0.47	0.13	-591.87
270.00	0.09	212.01	270.00	0.39	-0.15	-0.24	0.20	0.00	127.30
300.00	0.17	122.00	300.00	0.35	-0.13	-0.21	0.64	0.27	-300.03
330.00	0.27	105.72	330.00	0.31	-0.02	-0.10	0.39	0.33	-54.27

Scientific Drilling

Survey Report

Company:	Questar Exploration & Production	**Local Co-ordinate Reference:**	Well WRU GB 13G-3-8-22
Project:	Uintah County, UT NAD27	**TVD Reference:**	GL 5121' & RKB 16' @ 5137.00ft (Ensign 57)
Site:	WRU GB	**MD Reference:**	GL 5121' & RKB 16' @ 5137.00ft (Ensign 57)
Well:	WRU GB 13G-3-8-22	**North Reference:**	True
Wellbore:	OH - SSE Lateral	**Survey Calculation Method:**	Minimum Curvature
Design:	OH - SSE Lateral	**Database:**	EDM 2003.16 Multi-User Db

Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
360.00	0.07	88.83	360.00	0.29	0.06	-0.01	0.68	-0.67	-56.30
397.00	0.13	157.21	397.00	0.25	0.10	0.04	0.33	0.16	184.81
446.00	0.25	110.91	446.00	0.16	0.22	0.18	0.38	0.24	-94.49
477.00	0.27	113.60	477.00	0.11	0.35	0.32	0.08	0.06	8.68
508.00	0.26	123.69	508.00	0.04	0.48	0.46	0.15	-0.03	32.55
538.00	0.10	272.97	538.00	0.00	0.51	0.50	1.17	-0.53	497.60
569.00	0.10	280.74	569.00	0.01	0.46	0.44	0.04	0.00	25.06
600.00	0.73	264.78	600.00	0.00	0.23	0.23	2.05	2.03	-51.48
Last Gyro Survey									
684.00	1.52	277.51	683.98	0.09	-1.40	-1.38	0.98	0.94	15.15
First MWD Survey									
715.00	1.91	275.47	714.97	0.20	-2.33	-2.30	1.27	1.26	-6.58
745.00	2.35	286.91	744.95	0.42	-3.41	-3.41	2.03	1.47	38.13
776.00	2.82	288.56	775.91	0.85	-4.74	-4.81	1.53	1.52	5.32
806.00	2.66	288.78	805.88	1.31	-6.10	-6.24	0.53	-0.53	0.73
836.00	2.81	283.67	835.85	1.71	-7.47	-7.67	0.95	0.50	-17.03
867.00	3.27	284.07	866.80	2.10	-9.07	-9.31	1.49	1.48	1.29
897.00	3.73	284.23	896.75	2.55	-10.85	-11.14	1.53	1.53	0.53
928.00	3.68	282.91	927.68	3.02	-12.79	-13.14	0.32	-0.16	-4.26
958.00	3.81	286.17	957.62	3.51	-14.69	-15.10	0.83	0.43	10.87
989.00	3.74	286.07	988.55	4.08	-16.65	-17.14	0.23	-0.23	-0.32
1,020.00	3.49	273.29	1,019.49	4.41	-18.56	-19.08	2.71	-0.81	-41.23
1,051.00	3.45	275.21	1,050.43	4.55	-20.43	-20.93	0.40	-0.13	6.19
1,082.00	3.49	277.15	1,081.37	4.75	-22.30	-22.79	0.40	0.13	6.26
1,113.00	3.24	278.85	1,112.32	5.01	-24.10	-24.60	0.87	-0.81	5.48
1,144.00	3.40	275.88	1,143.27	5.24	-25.88	-26.38	0.76	0.52	-9.58
1,175.00	3.24	277.79	1,174.22	5.45	-27.66	-28.16	0.63	-0.52	6.16
1,206.00	3.30	277.88	1,205.17	5.69	-29.42	-29.92	0.19	0.19	0.29
1,237.00	3.36	274.37	1,236.11	5.88	-31.21	-31.70	0.69	0.19	-11.32
1,268.00	3.22	273.91	1,267.06	6.01	-32.98	-33.46	0.46	-0.45	-1.48
1,300.00	3.07	275.44	1,299.01	6.15	-34.73	-35.19	0.54	-0.47	4.78
1,331.00	3.09	277.11	1,329.97	6.33	-36.39	-36.84	0.30	0.06	5.39
1,362.00	3.16	275.30	1,360.92	6.52	-38.06	-38.52	0.39	0.23	-5.84
1,393.00	3.27	271.93	1,391.88	6.62	-39.80	-40.23	0.71	0.35	-10.87
1,424.00	3.19	272.01	1,422.83	6.68	-41.55	-41.93	0.26	-0.26	0.26
1,455.00	3.06	275.72	1,453.78	6.80	-43.23	-43.60	0.78	-0.42	11.97
1,486.00	3.11	277.93	1,484.74	7.00	-44.89	-45.25	0.42	0.16	7.13
1,517.00	3.30	275.76	1,515.69	7.20	-46.61	-46.97	0.73	0.61	-7.00
1,549.00	3.38	277.11	1,547.63	7.41	-48.46	-48.82	0.35	0.25	4.22
1,580.00	3.49	273.63	1,578.58	7.58	-50.31	-50.66	0.76	0.35	-11.23
1,611.00	3.46	278.44	1,609.52	7.78	-52.18	-52.52	0.95	-0.10	15.52
1,642.00	3.39	274.74	1,640.46	7.99	-54.01	-54.35	0.75	-0.23	-11.94
1,673.00	3.58	276.52	1,671.41	8.18	-55.89	-56.22	0.71	0.61	5.74
1,704.00	3.62	273.38	1,702.35	8.35	-57.83	-58.14	0.65	0.13	-10.13
1,735.00	3.50	271.87	1,733.29	8.44	-59.75	-60.03	0.49	-0.39	-4.87
1,766.00	3.52	268.76	1,764.23	8.45	-61.65	-61.87	0.62	0.06	-10.03
1,797.00	3.65	271.77	1,795.17	8.46	-63.58	-63.75	0.74	0.42	9.71
1,829.00	3.71	272.40	1,827.10	8.53	-65.64	-65.76	0.23	0.19	1.97
1,860.00	3.72	269.96	1,858.04	8.57	-67.65	-67.72	0.51	0.03	-7.87
1,891.00	3.65	270.53	1,888.97	8.58	-69.64	-69.66	0.25	-0.23	1.84
1,922.00	3.39	271.45	1,919.91	8.61	-71.54	-71.51	0.86	-0.84	2.97
1,953.00	3.44	270.73	1,950.86	8.65	-73.39	-73.32	0.21	0.16	-2.32
1,984.00	3.55	269.79	1,981.80	8.66	-75.28	-75.15	0.40	0.35	-3.03
2,015.00	3.66	266.31	2,012.74	8.59	-77.22	-77.03	0.79	0.35	-11.23

Scientific Drilling

Survey Report

Company:	Questar Exploration & Production	**Local Co-ordinate Reference:**	Well WRU GB 13G-3-8-22
Project:	Uintah County, UT NAD27	**TVD Reference:**	GL 5121' & RKB 16' @ 5137.00ft (Ensign 57)
Site:	WRU GB	**MD Reference:**	GL 5121' & RKB 16' @ 5137.00ft (Ensign 57)
Well:	WRU GB 13G-3-8-22	**North Reference:**	True
Wellbore:	OH - SSE Lateral	**Survey Calculation Method:**	Minimum Curvature
Design:	OH - SSE Lateral	**Database:**	EDM 2003.16 Multi-User Db

Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
2,046.00	3.35	270.47	2,043.68	8.53	-79.12	-78.85	1.29	-1.00	13.42
2,077.00	3.32	265.99	2,074.63	8.48	-80.92	-80.58	0.85	-0.10	-14.45
2,108.00	3.19	261.23	2,105.58	8.28	-82.67	-82.23	0.97	-0.42	-15.35
2,139.00	3.29	266.22	2,136.53	8.09	-84.41	-83.88	0.96	0.32	16.10
2,170.00	3.03	264.46	2,167.48	7.96	-86.11	-85.50	0.90	-0.84	-5.68
2,201.00	2.89	258.73	2,198.44	7.72	-87.69	-86.98	1.06	-0.45	-18.48
2,232.00	2.99	261.98	2,229.40	7.46	-89.26	-88.44	0.63	0.32	10.48
2,263.00	2.91	258.17	2,260.36	7.18	-90.83	-89.89	0.68	-0.26	-12.29
2,294.00	2.93	261.31	2,291.32	6.90	-92.38	-91.33	0.52	0.06	10.13
2,326.00	2.52	260.53	2,323.28	6.66	-93.88	-92.74	1.29	-1.28	-2.44
2,357.00	2.11	249.92	2,354.26	6.36	-95.09	-93.83	1.91	-1.32	-34.23
2,388.00	2.07	251.13	2,385.24	5.98	-96.16	-94.78	0.19	-0.13	3.90
2,419.00	2.09	252.42	2,416.22	5.63	-97.23	-95.73	0.16	0.06	4.16
2,450.00	1.88	244.61	2,447.20	5.24	-98.23	-96.61	1.10	-0.68	-25.19
2,481.00	1.76	241.82	2,478.18	4.79	-99.10	-97.35	0.48	-0.39	-9.00
2,512.00	1.42	237.65	2,509.17	4.36	-99.85	-97.97	1.16	-1.10	-13.45
2,543.00	1.17	217.78	2,540.16	3.91	-100.37	-98.37	1.65	-0.81	-64.10
2,574.00	0.95	206.36	2,571.16	3.43	-100.67	-98.55	0.98	-0.71	-36.84
2,605.00	0.54	199.69	2,602.15	3.06	-100.84	-98.62	1.35	-1.32	-21.52
2,636.00	1.08	177.81	2,633.15	2.63	-100.88	-98.55	1.98	1.74	-70.58
2,668.00	0.65	178.84	2,665.15	2.15	-100.86	-98.42	1.34	-1.34	3.22
2,699.00	1.09	189.81	2,696.14	1.68	-100.91	-98.36	1.51	1.42	35.39
2,730.00	1.16	186.30	2,727.14	1.08	-100.99	-98.29	0.32	0.23	-11.32
2,761.00	0.85	167.40	2,758.13	0.54	-100.98	-98.15	1.45	-1.00	-60.97
2,823.00	1.07	178.41	2,820.12	-0.48	-100.86	-97.79	0.46	0.35	17.76
2,885.00	0.80	163.08	2,882.12	-1.48	-100.72	-97.41	0.59	-0.44	-24.73
2,947.00	1.01	167.52	2,944.11	-2.42	-100.47	-96.95	0.36	0.34	7.16
3,010.00	1.04	173.17	3,007.10	-3.53	-100.29	-96.50	0.17	0.05	8.97
3,072.00	1.20	175.49	3,069.09	-4.74	-100.17	-96.10	0.27	0.26	3.74
3,134.00	0.82	151.08	3,131.08	-5.78	-99.90	-95.59	0.91	-0.61	-39.37
3,196.00	0.71	143.78	3,193.07	-6.47	-99.46	-94.99	0.24	-0.18	-11.77
3,258.00	0.51	67.05	3,255.07	-6.68	-98.98	-94.48	1.25	-0.32	-123.76
3,320.00	0.77	97.12	3,317.07	-6.62	-98.31	-93.84	0.67	0.42	48.50
3,382.00	0.34	223.75	3,379.06	-6.81	-98.03	-93.52	1.63	-0.69	204.24
3,444.00	0.77	236.53	3,441.06	-7.17	-98.50	-93.89	0.72	0.69	20.61
3,507.00	1.17	227.96	3,504.05	-7.83	-99.33	-94.54	0.67	0.63	-13.60
3,569.00	1.11	225.73	3,566.04	-8.67	-100.23	-95.21	0.12	-0.10	-3.60
3,631.00	1.22	232.17	3,628.03	-9.50	-101.18	-95.94	0.28	0.18	10.39
3,693.00	0.94	208.62	3,690.02	-10.35	-101.95	-96.48	0.84	-0.45	-37.98
3,755.00	1.43	221.12	3,752.00	-11.38	-102.70	-96.96	0.89	0.79	20.16
3,817.00	1.07	215.80	3,813.99	-12.43	-103.55	-97.53	0.61	-0.58	-8.58
3,880.00	0.96	209.81	3,876.98	-13.37	-104.15	-97.89	0.24	-0.17	-9.51
3,942.00	1.40	231.53	3,938.96	-14.29	-105.01	-98.50	1.00	0.71	35.03
4,004.00	0.81	213.16	4,000.95	-15.13	-105.84	-99.11	1.10	-0.95	-29.63
4,066.00	0.68	214.65	4,062.95	-15.80	-106.29	-99.38	0.21	-0.21	2.40
4,128.00	0.87	231.86	4,124.94	-16.39	-106.87	-99.80	0.48	0.31	27.76
4,191.00	1.57	223.20	4,187.93	-17.31	-107.83	-100.52	1.15	1.11	-13.75
4,284.00	2.35	214.87	4,280.87	-19.81	-109.80	-101.82	0.89	0.84	-8.96
4,315.00	2.33	212.58	4,311.85	-20.86	-110.50	-102.25	0.31	-0.06	-7.39
4,377.00	1.66	204.89	4,373.81	-22.74	-111.56	-102.83	1.16	-1.08	-12.40
4,440.00	0.60	186.19	4,436.80	-23.89	-111.97	-102.96	1.76	-1.68	-29.68
4,502.00	0.78	205.42	4,498.79	-24.60	-112.19	-103.00	0.47	0.29	31.02
4,564.00	0.98	176.07	4,560.78	-25.51	-112.34	-102.92	0.78	0.32	-47.34
4,626.00	0.98	180.09	4,622.78	-26.57	-112.30	-102.63	0.11	0.00	6.48

Scientific Drilling

Survey Report

Company:	Questar Exploration & Production	**Local Co-ordinate Reference:**	Well WRU GB 13G-3-8-22
Project:	Uintah County, UT NAD27	**TVD Reference:**	GL 5121' & RKB 16' @ 5137.00ft (Ensign 57)
Site:	WRU GB	**MD Reference:**	GL 5121' & RKB 16' @ 5137.00ft (Ensign 57)
Well:	WRU GB 13G-3-8-22	**North Reference:**	True
Wellbore:	OH - SSE Lateral	**Survey Calculation Method:**	Minimum Curvature
Design:	OH - SSE Lateral	**Database:**	EDM 2003.16 Multi-User Db

Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
4,688.00	1.11	194.31	4,684.77	-27.68	-112.45	-102.51	0.47	0.21	22.94
4,751.00	0.64	204.99	4,747.76	-28.59	-112.75	-102.58	0.79	-0.75	16.95
4,813.00	0.56	216.34	4,809.75	-29.15	-113.07	-102.76	0.23	-0.13	18.31
4,875.00	0.71	208.83	4,871.75	-29.73	-113.44	-102.98	0.28	0.24	-12.11
4,937.00	1.01	206.44	4,933.74	-30.55	-113.87	-103.19	0.49	0.48	-3.85
4,999.00	1.09	200.02	4,995.73	-31.60	-114.31	-103.38	0.23	0.13	-10.35
5,061.00	1.13	204.46	5,057.72	-32.71	-114.77	-103.55	0.15	0.06	7.16
5,152.00	1.19	200.08	5,148.70	-34.41	-115.46	-103.82	0.12	0.07	-4.81
5,184.00	2.08	147.82	5,180.69	-35.21	-115.27	-103.43	5.15	2.78	-163.31
5,214.00	4.84	129.92	5,210.63	-36.49	-114.01	-101.90	9.77	9.20	-59.67
5,245.00	8.10	122.98	5,241.43	-38.52	-111.17	-98.66	10.80	10.52	-22.39
5,276.00	10.67	127.67	5,272.02	-41.46	-107.07	-93.97	8.64	8.29	15.13
5,307.00	13.45	130.05	5,302.33	-45.53	-102.04	-88.11	9.11	8.97	7.68
5,338.00	16.79	130.64	5,332.25	-50.77	-95.88	-80.87	10.79	10.77	1.90
5,369.00	19.62	130.29	5,361.70	-57.05	-88.51	-72.21	9.14	9.13	-1.13
5,400.00	23.16	128.93	5,390.56	-64.25	-79.79	-62.02	11.53	11.42	-4.39
5,431.00	27.41	128.73	5,418.58	-72.55	-69.48	-50.02	13.71	13.71	-0.65
5,462.00	31.66	128.39	5,445.55	-82.07	-57.53	-36.13	13.72	13.71	-1.10
5,494.00	35.49	125.37	5,472.20	-92.67	-43.37	-19.84	13.05	11.97	-9.44
5,525.00	40.21	126.65	5,496.68	-103.86	-27.99	-2.22	15.43	15.23	4.13
5,556.00	46.17	128.22	5,519.27	-116.76	-11.16	17.21	19.53	19.23	5.06
5,587.00	52.04	129.30	5,539.55	-131.43	7.09	38.46	19.12	18.94	3.48
5,618.00	58.71	129.95	5,557.16	-147.70	26.73	61.43	21.59	21.52	2.10
5,649.00	64.44	128.21	5,571.91	-164.87	47.89	86.09	19.13	18.48	-5.61
5,680.00	68.76	123.46	5,584.22	-181.50	70.95	112.47	19.79	13.94	-15.32
5,711.00	73.11	116.58	5,594.36	-196.12	96.31	140.60	25.23	14.03	-22.19
5,742.00	79.50	113.15	5,601.70	-208.77	123.62	170.15	23.24	20.61	-11.06
5,773.00	85.35	114.71	5,605.78	-221.23	151.69	200.40	19.52	18.87	5.03
5,804.00	86.78	115.32	5,607.91	-234.30	179.72	230.74	5.01	4.61	1.97
5,834.00	86.74	114.81	5,609.60	-246.99	206.85	260.13	1.70	-0.13	-1.70
5,866.00	86.34	114.84	5,611.54	-260.40	235.84	291.49	1.25	-1.25	0.09
5,898.00	86.67	114.36	5,613.49	-273.70	264.88	322.87	1.82	1.03	-1.50
5,929.00	87.24	114.54	5,615.13	-286.51	293.06	353.31	1.93	1.84	0.58
5,960.00	87.39	115.32	5,616.59	-299.56	321.14	383.70	2.56	0.48	2.52
5,991.00	87.08	113.99	5,618.08	-312.48	349.28	414.12	4.40	-1.00	-4.29
6,065.00	91.01	112.64	5,619.31	-341.76	417.21	487.10	5.62	5.31	-1.82
6,097.00	91.65	112.12	5,618.57	-353.94	446.80	518.74	2.58	2.00	-1.62
6,129.00	92.69	112.14	5,617.36	-365.99	476.42	550.39	3.25	3.25	0.06
6,161.00	91.65	111.48	5,616.15	-377.87	506.10	582.06	3.85	-3.25	-2.06
6,193.00	89.70	111.09	5,615.77	-389.48	535.92	613.79	6.21	-6.09	-1.22
6,225.00	89.60	111.01	5,615.97	-400.97	565.78	645.54	0.40	-0.31	-0.25
6,257.00	88.32	110.33	5,616.55	-412.27	595.72	677.31	4.53	-4.00	-2.12
6,289.00	88.82	109.98	5,617.35	-423.29	625.75	709.11	1.91	1.56	-1.09
6,321.00	90.10	109.72	5,617.65	-434.15	655.84	740.93	4.08	4.00	-0.81
6,352.00	90.03	109.32	5,617.61	-444.51	685.06	771.79	1.31	-0.23	-1.29
6,384.00	90.20	109.63	5,617.55	-455.18	715.23	803.63	1.10	0.53	0.97
6,416.00	90.47	108.94	5,617.36	-465.75	745.44	835.49	2.32	0.84	-2.16
6,448.00	90.27	109.09	5,617.15	-476.18	775.69	867.36	0.78	-0.62	0.47
6,480.00	90.10	108.80	5,617.05	-486.56	805.96	899.24	1.05	-0.53	-0.91
6,512.00	90.54	108.64	5,616.87	-496.83	836.26	931.13	1.46	1.37	-0.50
6,544.00	90.81	108.76	5,616.50	-507.09	866.57	963.01	0.92	0.84	0.37
6,576.00	90.91	108.24	5,616.02	-517.25	896.91	994.90	1.65	0.31	-1.62
6,608.00	90.03	106.99	5,615.75	-526.93	927.41	1,026.84	4.78	-2.75	-3.91
6,640.00	89.16	107.41	5,615.98	-536.39	957.98	1,058.78	3.02	-2.72	1.31

Scientific Drilling

Survey Report

Company:	Questar Exploration & Production	**Local Co-ordinate Reference:**	Well WRU GB 13G-3-8-22
Project:	Uintah County, UT NAD27	**TVD Reference:**	GL 5121' & RKB 16' @ 5137.00ft (Ensign 57)
Site:	WRU GB	**MD Reference:**	GL 5121' & RKB 16' @ 5137.00ft (Ensign 57)
Well:	WRU GB 13G-3-8-22	**North Reference:**	True
Wellbore:	OH - SSE Lateral	**Survey Calculation Method:**	Minimum Curvature
Design:	OH - SSE Lateral	**Database:**	EDM 2003.16 Multi-User Db

Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
6,672.00	89.46	106.79	5,616.36	-545.80	988.56	1,090.73	2.15	0.94	-1.94
6,704.00	89.53	106.80	5,616.65	-555.05	1,019.20	1,122.69	0.22	0.22	0.03
6,736.00	90.03	107.59	5,616.77	-564.51	1,049.76	1,154.63	2.92	1.56	2.47
6,768.00	91.24	107.51	5,616.41	-574.15	1,080.27	1,186.57	3.79	3.78	-0.25
6,800.00	91.78	106.83	5,615.57	-583.60	1,110.84	1,218.50	2.71	1.69	-2.12
6,832.00	92.05	106.64	5,614.50	-592.81	1,141.46	1,250.45	1.03	0.84	-0.59
6,864.00	91.31	106.33	5,613.56	-601.88	1,172.13	1,282.40	2.51	-2.31	-0.97
6,896.00	90.97	105.13	5,612.93	-610.56	1,202.93	1,314.38	3.90	-1.06	-3.75
6,928.00	90.64	104.54	5,612.48	-618.75	1,233.86	1,346.37	2.11	-1.03	-1.84
6,960.00	90.60	105.17	5,612.13	-626.95	1,264.79	1,378.36	1.97	-0.12	1.97
6,991.00	90.40	104.56	5,611.86	-634.90	1,294.75	1,409.36	2.07	-0.65	-1.97
7,023.00	90.20	104.18	5,611.69	-642.85	1,325.75	1,441.35	1.34	-0.62	-1.19
7,055.00	90.27	104.54	5,611.56	-650.78	1,356.75	1,473.35	1.15	0.22	1.12
7,086.00	90.60	103.73	5,611.33	-658.35	1,386.81	1,504.35	2.82	1.06	-2.61
7,119.00	91.45	103.80	5,610.74	-666.20	1,418.85	1,537.35	2.58	2.58	0.21
7,151.00	91.68	103.42	5,609.86	-673.73	1,449.94	1,569.33	1.39	0.72	-1.19
7,183.00	91.81	103.24	5,608.89	-681.11	1,481.07	1,601.32	0.69	0.41	-0.56
7,215.00	91.82	103.29	5,607.87	-688.44	1,512.20	1,633.30	0.16	0.03	0.16
7,246.00	91.95	103.19	5,606.85	-695.54	1,542.36	1,664.28	0.53	0.42	-0.32
7,278.00	90.40	103.07	5,606.20	-702.81	1,573.51	1,696.27	4.86	-4.84	-0.37
7,310.00	90.20	102.27	5,606.03	-709.83	1,604.73	1,728.26	2.58	-0.62	-2.50
7,342.00	90.34	102.22	5,605.88	-716.61	1,636.01	1,760.25	0.46	0.44	-0.16
7,374.00	90.34	102.95	5,605.69	-723.59	1,667.24	1,792.24	2.28	0.00	2.28
7,405.00	90.91	103.02	5,605.35	-730.55	1,697.44	1,823.23	1.85	1.84	0.23
7,437.00	91.08	102.56	5,604.80	-737.63	1,728.64	1,855.22	1.53	0.53	-1.44
7,469.00	90.74	101.33	5,604.29	-744.26	1,759.94	1,887.20	3.99	-1.06	-3.84
7,501.00	90.00	100.73	5,604.08	-750.38	1,791.35	1,919.16	2.98	-2.31	-1.87
7,533.00	90.37	100.67	5,603.98	-756.32	1,822.80	1,951.11	1.17	1.16	-0.19
7,565.00	90.60	100.31	5,603.71	-762.15	1,854.26	1,983.05	1.33	0.72	-1.12
7,597.00	90.61	100.47	5,603.37	-767.92	1,885.73	2,014.99	0.50	0.03	0.50
7,629.00	89.50	99.73	5,603.34	-773.53	1,917.24	2,046.92	4.17	-3.47	-2.31
7,661.00	89.16	99.71	5,603.71	-778.93	1,948.78	2,078.83	1.06	-1.06	-0.06
7,693.00	89.23	99.88	5,604.16	-784.37	1,980.31	2,110.74	0.57	0.22	0.53
7,724.00	89.90	100.34	5,604.40	-789.81	2,010.82	2,141.67	2.62	2.16	1.48
7,756.00	90.60	101.47	5,604.26	-795.87	2,042.24	2,173.63	4.15	2.19	3.53
7,788.00	90.50	101.66	5,603.95	-802.28	2,073.59	2,205.60	0.67	-0.31	0.59
7,820.00	90.44	100.72	5,603.69	-808.49	2,104.98	2,237.56	2.94	-0.19	-2.94
7,852.00	90.40	101.17	5,603.45	-814.57	2,136.40	2,269.52	1.41	-0.12	1.41
7,884.00	90.98	100.87	5,603.07	-820.69	2,167.81	2,301.48	2.04	1.81	-0.94
7,916.00	91.28	100.86	5,602.44	-826.72	2,199.23	2,333.43	0.94	0.94	-0.03
7,948.00	91.55	101.43	5,601.65	-832.90	2,230.62	2,365.38	1.97	0.84	1.78
7,980.00	91.98	100.64	5,600.66	-839.02	2,262.01	2,397.32	2.81	1.34	-2.47
8,011.00	91.88	100.92	5,599.62	-844.82	2,292.44	2,428.26	0.96	-0.32	0.90
8,043.00	91.38	100.22	5,598.71	-850.68	2,323.89	2,460.19	2.69	-1.56	-2.19
8,075.00	90.17	98.70	5,598.27	-855.94	2,355.45	2,492.09	6.07	-3.78	-4.75
8,107.00	89.46	99.06	5,598.38	-860.88	2,387.06	2,523.97	2.49	-2.22	1.12
8,138.00	89.50	98.25	5,598.66	-865.55	2,417.71	2,554.84	2.62	0.13	-2.61
8,170.00	90.00	98.05	5,598.80	-870.08	2,449.39	2,586.68	1.68	1.56	-0.62
8,202.00	90.57	98.69	5,598.64	-874.74	2,481.04	2,618.53	2.68	1.78	2.00
8,234.00	91.34	99.10	5,598.11	-879.69	2,512.66	2,650.40	2.73	2.41	1.28
8,266.00	91.48	99.83	5,597.32	-884.95	2,544.21	2,682.30	2.32	0.44	2.28
8,299.00	91.81	99.58	5,596.37	-890.51	2,576.72	2,715.19	1.25	1.00	-0.76
8,331.00	90.50	99.23	5,595.73	-895.74	2,608.29	2,747.09	4.24	-4.09	-1.09
8,363.00	90.17	98.25	5,595.54	-900.60	2,639.91	2,778.96	3.23	-1.03	-3.06

Scientific Drilling

Survey Report

Company:	Questar Exploration & Production	**Local Co-ordinate Reference:**	Well WRU GB 13G-3-8-22
Project:	Uintah County, UT NAD27	**TVD Reference:**	GL 5121' & RKB 16' @ 5137.00ft (Ensign 57)
Site:	WRU GB	**MD Reference:**	GL 5121' & RKB 16' @ 5137.00ft (Ensign 57)
Well:	WRU GB 13G-3-8-22	**North Reference:**	True
Wellbore:	OH - SSE Lateral	**Survey Calculation Method:**	Minimum Curvature
Design:	OH - SSE Lateral	**Database:**	EDM 2003.16 Multi-User Db

Targets

Target Name - hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude
WRU GB 13G-3-8-22 SS	0.00	0.00	5,550.00	-950.21	3,839.63	666,028.46	2,581,742.57	40° 8' 36.046 N	109° 25' 8.056 W
- actual wellpath misses target center by 99.18ft at 9561.13ft MD (5585.97 TVD, -1042.06 N, 3829.32 E)									
- Point									

Design Annotations

Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates +N/-S (ft)	Local Coordinates +E/-W (ft)	Comment
600.00	600.00	0.00	0.23	Last Gyro Survey

Checked By: _____ Approved By: _____ Date: _____

Scientific Drilling

Survey Report

Company:	Questar Exploration & Production	**Local Co-ordinate Reference:**	Well WRU GB 13G-3-8-22
Project:	Uintah County, UT NAD27	**TVD Reference:**	GL 5121' & RKB 16' @ 5137.00ft (Ensign 57)
Site:	WRU GB	**MD Reference:**	GL 5121' & RKB 16' @ 5137.00ft (Ensign 57)
Well:	WRU GB 13G-3-8-22	**North Reference:**	True
Wellbore:	OH - SSE Lateral	**Survey Calculation Method:**	Minimum Curvature
Design:	OH - SSE Lateral	**Database:**	EDM 2003.16 Multi-User Db

Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
8,394.00	89.93	98.09	5,595.51	-905.01	2,670.60	2,809.80	0.93	-0.77	-0.52
8,426.00	90.44	98.50	5,595.41	-909.62	2,702.26	2,841.65	2.04	1.59	1.28
8,458.00	90.97	98.22	5,595.02	-914.27	2,733.92	2,873.50	1.87	1.66	-0.87
8,490.00	91.18	98.36	5,594.41	-918.89	2,765.58	2,905.34	0.79	0.66	0.44
8,522.00	91.31	97.91	5,593.72	-923.41	2,797.25	2,937.17	1.46	0.41	-1.41
8,553.00	91.61	97.38	5,592.93	-927.54	2,827.97	2,967.97	1.96	0.97	-1.71
8,585.00	90.94	97.72	5,592.22	-931.74	2,859.68	2,999.77	2.35	-2.09	1.06
8,617.00	91.01	97.54	5,591.67	-935.99	2,891.39	3,031.57	0.60	0.22	-0.56
8,648.00	90.94	97.20	5,591.15	-939.96	2,922.13	3,062.37	1.12	-0.23	-1.10
8,670.00	90.91	96.82	5,590.79	-942.65	2,943.97	3,084.21	1.73	-0.14	-1.73
8,702.00	90.57	96.04	5,590.38	-946.23	2,975.76	3,115.93	2.66	-1.06	-2.44
8,734.00	90.10	96.41	5,590.19	-949.70	3,007.57	3,147.64	1.87	-1.47	1.16
8,766.00	90.47	96.05	5,590.03	-953.17	3,039.38	3,179.36	1.61	1.16	-1.12
8,797.00	90.10	96.26	5,589.88	-956.50	3,070.20	3,210.07	1.37	-1.19	0.68
8,830.00	89.13	96.57	5,590.10	-960.19	3,103.00	3,242.79	3.09	-2.94	0.94
8,862.00	89.40	96.54	5,590.51	-963.84	3,134.78	3,274.53	0.85	0.84	-0.09
8,894.00	90.20	96.44	5,590.62	-967.46	3,166.58	3,306.26	2.52	2.50	-0.31
8,926.00	90.67	96.11	5,590.38	-970.95	3,198.38	3,337.97	1.79	1.47	-1.03
8,957.00	89.56	96.20	5,590.32	-974.28	3,229.21	3,368.69	3.59	-3.58	0.29
8,989.00	89.06	96.67	5,590.70	-977.86	3,261.00	3,400.42	2.14	-1.56	1.47
9,021.00	88.59	96.68	5,591.36	-981.58	3,292.78	3,432.16	1.47	-1.47	0.03
9,053.00	88.89	96.76	5,592.06	-985.33	3,324.55	3,463.90	0.97	0.94	0.25
9,085.00	89.26	96.50	5,592.58	-989.02	3,356.33	3,495.64	1.41	1.16	-0.81
9,117.00	89.40	95.70	5,592.95	-992.42	3,388.15	3,527.34	2.54	0.44	-2.50
9,149.00	89.53	95.34	5,593.25	-995.50	3,420.00	3,559.00	1.20	0.41	-1.12
9,181.00	89.29	95.54	5,593.58	-998.53	3,451.85	3,590.65	0.98	-0.75	0.62
9,213.00	89.33	95.36	5,593.97	-1,001.57	3,483.71	3,622.30	0.58	0.12	-0.56
9,245.00	90.84	95.69	5,593.92	-1,004.65	3,515.56	3,653.95	4.83	4.72	1.03
9,276.00	91.61	96.63	5,593.26	-1,007.98	3,546.37	3,684.66	3.92	2.48	3.03
9,308.00	92.35	96.75	5,592.15	-1,011.70	3,578.13	3,716.39	2.34	2.31	0.37
9,340.00	92.89	96.77	5,590.69	-1,015.46	3,609.88	3,748.11	1.69	1.69	0.06
9,372.00	92.89	97.03	5,589.07	-1,019.30	3,641.60	3,779.83	0.81	0.00	0.81
9,404.00	91.14	97.11	5,587.95	-1,023.24	3,673.34	3,811.58	5.47	-5.47	0.25
9,434.00	90.47	96.94	5,587.53	-1,026.91	3,703.11	3,841.36	2.30	-2.23	-0.57
9,466.00	90.71	97.05	5,587.20	-1,030.81	3,734.87	3,873.13	0.83	0.75	0.34
9,498.00	91.21	96.92	5,586.66	-1,034.70	3,766.63	3,904.89	1.61	1.56	-0.41
9,530.00	90.81	96.87	5,586.10	-1,038.54	3,798.39	3,936.65	1.26	-1.25	-0.16
9,562.00	89.63	96.11	5,585.97	-1,042.15	3,830.19	3,968.38	4.39	-3.69	-2.37
9,594.00	91.14	96.62	5,585.76	-1,045.70	3,861.99	4,000.10	4.98	4.72	1.59
9,601.00	91.48	96.72	5,585.60	-1,046.51	3,868.94	4,007.05	5.06	4.86	1.43
9,650.00	91.48	96.72	5,584.33	-1,052.25	3,917.59	4,055.64	0.00	0.00	0.00
Projection to TD									

43-047-39792
3 8S 22e

Scientific Drilling

Directional Survey Certification

CONFIDENTIAL

7327 West Barton Road
Casper, WY 82604
(307)-472-6621 Fax (307) 472-5439

Operator	Questar Exploration & Production
Well Name & No.	WRU GB 13G-3-8-22 SSW Lateral
County & State	Uintah County, UT
SDI Job No.	41DEF0806521
Rig	Ensign 67

I, Julie Cruse, having personal knowledge of all the facts, hereby certify that the attached directional survey run from a measured depth of 0 feet to a measured depth of 9003 feet is true and correct as determined from all available records.

Julie Cruse
Signature

20-Aug-08
Date

Julie Cruse
Rockies Region Engineer
Scientific Drilling - Rocky Mountain District

RECEIVED
AUG 21 2008
DIV. OF OIL, GAS & MINING

Scientific Drilling
Rocky Mountain Operations

Project: Uintah County, UT NAD27
Site: WRU GB
Well: WRU GB 13G-3-8-22
Wellbore: SSW Lateral
Design: SSW Lateral

Questar Exploration & Production

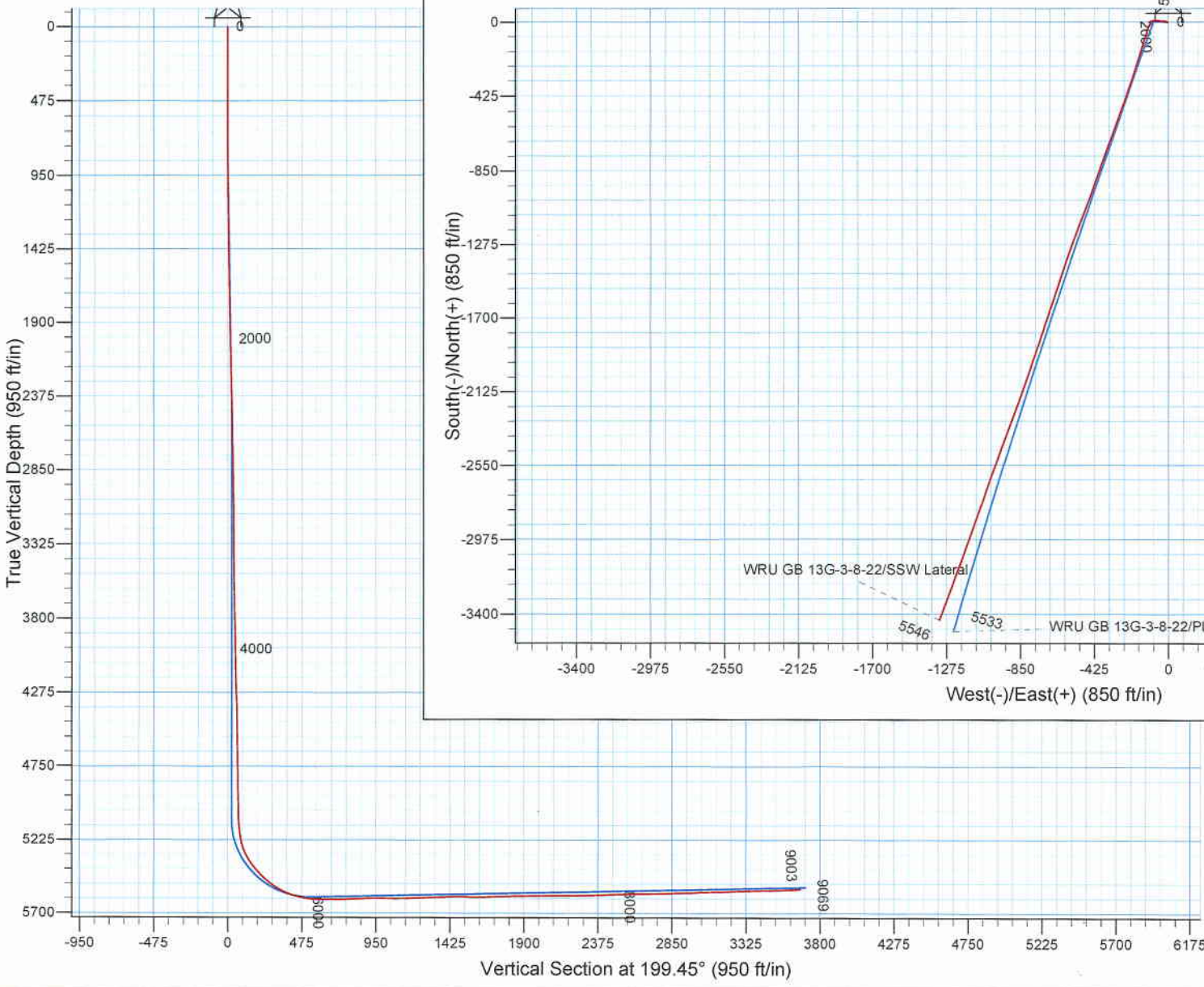
T M Azimuths to True North
Magnetic North: 11.44°

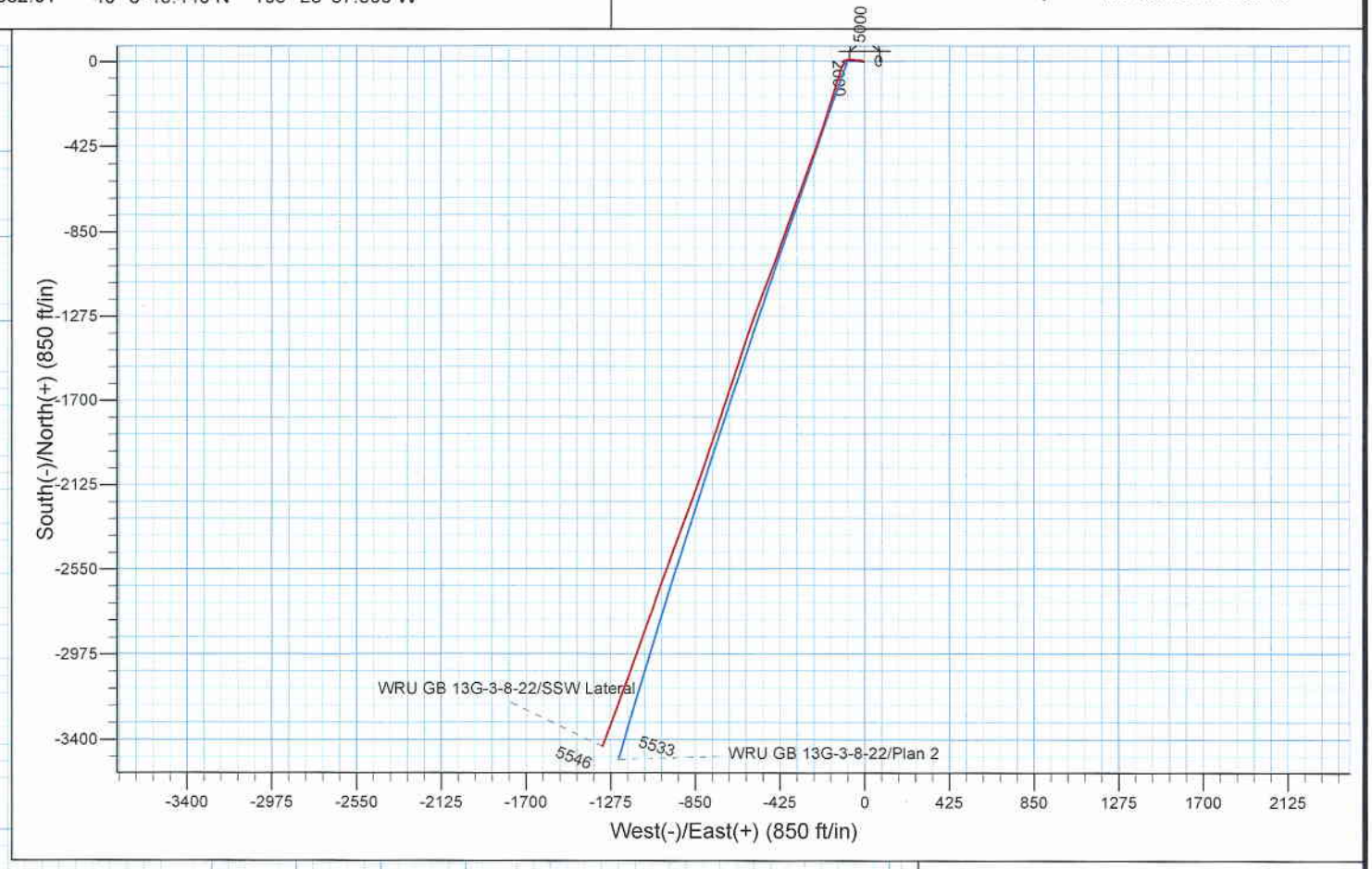
Magnetic Field
Strength: 52736.0snT
Dip Angle: 66.08°
Date: 2008/06/24
Model: IGRF2005-10

WELL DETAILS: WRU GB 13G-3-8-22

GL 5121' & RKB 16' @ 5137.00ft (Ensign 57)5121.00

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
0.00	0.00	666889.67	2577882.01	40° 8' 45.440 N	109° 25' 57.500 W





Design: SSW Lateral (WRU GB 13G-3-8-22/SSW Lateral)

Created By: Julie Cruse Date: 2008-08-20

PROJECT DETAILS: Uintah County, UT NAD27

Geodetic System: US State Plane 1927 (Exact solution)
Datum: NAD 1927 (NADCON CONUS)
Ellipsoid: Clarke 1866
Zone: Utah Central 4302

System Datum: Mean Sea Level
Local North: True North

Questar Exploration & Production

Uintah County, UT NAD27
WRU GB
WRU GB 13G-3-8-22
SSW Lateral

Design: SSW Lateral

Standard Survey Report

20 August, 2008

Scientific Drilling

Survey Report

Company:	Questar Exploration & Production	**Local Co-ordinate Reference:**	Well WRU GB 13G-3-8-22
Project:	Uintah County, UT NAD27	**TVD Reference:**	GL 5121' & RKB 16' @ 5137.00ft (Ensign 57)
Site:	WRU GB	**MD Reference:**	GL 5121' & RKB 16' @ 5137.00ft (Ensign 57)
Well:	WRU GB 13G-3-8-22	**North Reference:**	True
Wellbore:	SSW Lateral	**Survey Calculation Method:**	Minimum Curvature
Design:	SSW Lateral	**Database:**	EDM 2003.16 Multi-User Db

Project Uintah County, UT NAD27

Map System:	US State Plane 1927 (Exact solution)	**System Datum:**	Mean Sea Level
Geo Datum:	NAD 1927 (NADCON CONUS)		
Map Zone:	Utah Central 4302		

Site WRU GB,

Site Position:		**Northing:**	666,889.69 ft	**Latitude:**	40° 8' 45.440 N
From:	Lat/Long	**Easting:**	2,577,882.01 ft	**Longitude:**	109° 25' 57.500 W
Position Uncertainty:	0.00 ft	**Slot Radius:**	in	**Grid Convergence:**	1.32 °

Well WRU GB 13G-3-8-22, 553' FSL 638' FWL Sec 3 T8S R22E

Well Position	**+N/-S**	0.00 ft	**Northing:**	666,889.67 ft	**Latitude:**	40° 8' 45.440 N
	+E/-W	0.00 ft	**Easting:**	2,577,882.01 ft	**Longitude:**	109° 25' 57.500 W
Position Uncertainty		0.00 ft	**Wellhead Elevation:**	ft	**Ground Level:**	5,121.00 ft

Wellbore SSW Lateral

Magnetics	**Model Name**	**Sample Date**	**Declination (°)**	**Dip Angle (°)**	**Field Strength (nT)**
	IGRF2005-10	2008/06/24	11.44	66.08	52,736

Design SSW Lateral

Audit Notes:

Version:	1.0	**Phase:**	ACTUAL	**Tie On Depth:**	5,061.00

Vertical Section:	**Depth From (TVD) (ft)**	**+N/-S (ft)**	**+E/-W (ft)**	**Direction (°)**
	0.00	0.00	0.00	199.45

Survey Program **Date** 2008/08/20

From (ft)	**To (ft)**	**Survey (Wellbore)**	**Tool Name**	**Description**
30.00	600.00	Survey #1 (OH - SSE Lateral)	NS-GYRO-SS	NS Gyro single shots
684.00	5,061.00	Survey #2 (OH - SSE Lateral)	MWD	MWD - Standard
5,240.00	9,003.00	Survey #1 (SSW Lateral)	MWD	MWD - Standard

Survey

Measured Depth (ft)	**Inclination (°)**	**Azimuth (°)**	**Vertical Depth (ft)**	**+N/-S (ft)**	**+E/-W (ft)**	**Vertical Section (ft)**	**Dogleg Rate (°/100ft)**	**Build Rate (°/100ft)**	**Turn Rate (°/100ft)**
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
30.00	0.23	343.79	30.00	0.06	-0.02	-0.05	0.77	0.77	0.00
60.00	0.22	357.22	60.00	0.17	-0.04	-0.15	0.18	-0.03	44.77
90.00	0.29	331.97	90.00	0.30	-0.07	-0.26	0.44	0.23	-84.17
120.00	0.12	0.61	120.00	0.40	-0.11	-0.34	0.64	-0.57	95.47
150.00	0.16	269.96	150.00	0.43	-0.15	-0.35	0.67	0.13	-302.17
180.00	0.10	82.63	180.00	0.43	-0.17	-0.35	0.86	-0.20	575.57
210.00	0.05	351.38	210.00	0.45	-0.14	-0.37	0.38	-0.17	-304.17
240.00	0.09	173.82	240.00	0.44	-0.14	-0.36	0.47	0.13	-591.87
270.00	0.09	212.01	270.00	0.39	-0.15	-0.32	0.20	0.00	127.30
300.00	0.17	122.00	300.00	0.35	-0.13	-0.29	0.64	0.27	-300.03

Scientific Drilling

Survey Report

Company:	Questar Exploration & Production	**Local Co-ordinate Reference:**	Well WRU GB 13G-3-8-22
Project:	Uintah County, UT NAD27	**TVD Reference:**	GL 5121' & RKB 16' @ 5137.00ft (Ensign 57)
Site:	WRU GB	**MD Reference:**	GL 5121' & RKB 16' @ 5137.00ft (Ensign 57)
Well:	WRU GB 13G-3-8-22	**North Reference:**	True
Wellbore:	SSW Lateral	**Survey Calculation Method:**	Minimum Curvature
Design:	SSW Lateral	**Database:**	EDM 2003.16 Multi-User Db

Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
330.00	0.27	105.72	330.00	0.31	-0.02	-0.28	0.39	0.33	-54.27
360.00	0.07	88.83	360.00	0.29	0.06	-0.29	0.68	-0.67	-56.30
397.00	0.13	157.21	397.00	0.25	0.10	-0.27	0.33	0.16	184.81
446.00	0.25	110.91	446.00	0.16	0.22	-0.23	0.38	0.24	-94.49
477.00	0.27	113.60	477.00	0.11	0.35	-0.22	0.08	0.06	8.68
508.00	0.26	123.69	508.00	0.04	0.48	-0.20	0.15	-0.03	32.55
538.00	0.10	272.97	538.00	0.00	0.51	-0.17	1.17	-0.53	497.60
569.00	0.10	280.74	569.00	0.01	0.46	-0.16	0.04	0.00	25.06
600.00	0.73	264.78	600.00	0.00	0.23	-0.07	2.05	2.03	-51.48
684.00	1.52	277.51	683.98	0.09	-1.40	0.38	0.98	0.94	15.15
715.00	1.91	275.47	714.97	0.20	-2.33	0.59	1.27	1.26	-6.58
745.00	2.35	286.91	744.95	0.42	-3.41	0.74	2.03	1.47	38.13
776.00	2.82	288.56	775.91	0.85	-4.74	0.78	1.53	1.52	5.32
806.00	2.66	288.78	805.88	1.31	-6.10	0.80	0.53	-0.53	0.73
836.00	2.81	283.67	835.85	1.71	-7.47	0.88	0.95	0.50	-17.03
867.00	3.27	284.07	866.80	2.10	-9.07	1.04	1.49	1.48	1.29
897.00	3.73	284.23	896.75	2.55	-10.85	1.21	1.53	1.53	0.53
928.00	3.68	282.91	927.68	3.02	-12.79	1.41	0.32	-0.16	-4.26
958.00	3.81	286.17	957.62	3.51	-14.69	1.58	0.83	0.43	10.87
989.00	3.74	286.07	988.55	4.08	-16.65	1.70	0.23	-0.23	-0.32
1,020.00	3.49	273.29	1,019.49	4.41	-18.56	2.02	2.71	-0.81	-41.23
1,051.00	3.45	275.21	1,050.43	4.55	-20.43	2.51	0.40	-0.13	6.19
1,082.00	3.49	277.15	1,081.37	4.75	-22.30	2.94	0.40	0.13	6.26
1,113.00	3.24	278.85	1,112.32	5.01	-24.10	3.31	0.87	-0.81	5.48
1,144.00	3.40	275.88	1,143.27	5.24	-25.88	3.68	0.76	0.52	-9.58
1,175.00	3.24	277.79	1,174.22	5.45	-27.66	4.07	0.63	-0.52	6.16
1,206.00	3.30	277.88	1,205.17	5.69	-29.42	4.43	0.19	0.19	0.29
1,237.00	3.36	274.37	1,236.11	5.88	-31.21	4.85	0.69	0.19	-11.32
1,268.00	3.22	273.91	1,267.06	6.01	-32.98	5.32	0.46	-0.45	-1.48
1,300.00	3.07	275.44	1,299.01	6.15	-34.73	5.76	0.54	-0.47	4.78
1,331.00	3.09	277.11	1,329.97	6.33	-36.39	6.14	0.30	0.06	5.39
1,362.00	3.16	275.30	1,360.92	6.52	-38.06	6.53	0.39	0.23	-5.84
1,393.00	3.27	271.93	1,391.88	6.62	-39.80	7.01	0.71	0.35	-10.87
1,424.00	3.19	272.01	1,422.83	6.68	-41.55	7.53	0.26	-0.26	0.26
1,455.00	3.06	275.72	1,453.78	6.80	-43.23	7.99	0.78	-0.42	11.97
1,486.00	3.11	277.93	1,484.74	7.00	-44.89	8.35	0.42	0.16	7.13
1,517.00	3.30	275.76	1,515.69	7.20	-46.61	8.73	0.73	0.61	-7.00
1,549.00	3.38	277.11	1,547.63	7.41	-48.46	9.15	0.35	0.25	4.22
1,580.00	3.49	273.63	1,578.58	7.58	-50.31	9.60	0.76	0.35	-11.23
1,611.00	3.46	278.44	1,609.52	7.78	-52.18	10.04	0.95	-0.10	15.52
1,642.00	3.39	274.74	1,640.46	7.99	-54.01	10.45	0.75	-0.23	-11.94
1,673.00	3.58	276.52	1,671.41	8.18	-55.89	10.90	0.71	0.61	5.74
1,704.00	3.62	273.38	1,702.35	8.35	-57.83	11.38	0.65	0.13	-10.13
1,735.00	3.50	271.87	1,733.29	8.44	-59.75	11.94	0.49	-0.39	-4.87
1,766.00	3.52	268.76	1,764.23	8.45	-61.65	12.56	0.62	0.06	-10.03
1,797.00	3.65	271.77	1,795.17	8.46	-63.58	13.20	0.74	0.42	9.71
1,829.00	3.71	272.40	1,827.10	8.53	-65.64	13.81	0.23	0.19	1.97
1,860.00	3.72	269.96	1,858.04	8.57	-67.65	14.44	0.51	0.03	-7.87
1,891.00	3.65	270.53	1,888.97	8.58	-69.64	15.10	0.25	-0.23	1.84
1,922.00	3.39	271.45	1,919.91	8.61	-71.54	15.70	0.86	-0.84	2.97
1,953.00	3.44	270.73	1,950.86	8.65	-73.39	16.28	0.21	0.16	-2.32
1,984.00	3.55	269.79	1,981.80	8.66	-75.28	16.90	0.40	0.35	-3.03
2,015.00	3.66	266.31	2,012.74	8.59	-77.22	17.62	0.79	0.35	-11.23
2,046.00	3.35	270.47	2,043.68	8.53	-79.12	18.30	1.29	-1.00	13.42

Scientific Drilling

Survey Report

Company:	Questar Exploration & Production	**Local Co-ordinate Reference:**	Well WRU GB 13G-3-8-22
Project:	Uintah County, UT NAD27	**TVD Reference:**	GL 5121' & RKB 16' @ 5137.00ft (Ensign 57)
Site:	WRU GB	**MD Reference:**	GL 5121' & RKB 16' @ 5137.00ft (Ensign 57)
Well:	WRU GB 13G-3-8-22	**North Reference:**	True
Wellbore:	SSW Lateral	**Survey Calculation Method:**	Minimum Curvature
Design:	SSW Lateral	**Database:**	EDM 2003.16 Multi-User Db

Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
2,077.00	3.32	265.99	2,074.63	8.48	-80.92	18.95	0.85	-0.10	-14.45
2,108.00	3.19	261.23	2,105.58	8.28	-82.67	19.72	0.97	-0.42	-15.35
2,139.00	3.29	266.22	2,136.53	8.09	-84.41	20.47	0.96	0.32	16.10
2,170.00	3.03	264.46	2,167.48	7.96	-86.11	21.17	0.90	-0.84	-5.68
2,201.00	2.89	258.73	2,198.44	7.72	-87.69	21.92	1.06	-0.45	-18.48
2,232.00	2.99	261.98	2,229.40	7.46	-89.26	22.69	0.63	0.32	10.48
2,263.00	2.91	258.17	2,260.36	7.18	-90.83	23.47	0.68	-0.26	-12.29
2,294.00	2.93	261.31	2,291.32	6.90	-92.38	24.25	0.52	0.06	10.13
2,326.00	2.52	260.53	2,323.28	6.66	-93.88	24.98	1.29	-1.28	-2.44
2,357.00	2.11	249.92	2,354.26	6.36	-95.09	25.67	1.91	-1.32	-34.23
2,388.00	2.07	251.13	2,385.24	5.98	-96.16	26.38	0.19	-0.13	3.90
2,419.00	2.09	252.42	2,416.22	5.63	-97.23	27.07	0.16	0.06	4.16
2,450.00	1.88	244.61	2,447.20	5.24	-98.23	27.77	1.10	-0.68	-25.19
2,481.00	1.76	241.82	2,478.18	4.79	-99.10	28.48	0.48	-0.39	-9.00
2,512.00	1.42	237.65	2,509.17	4.36	-99.85	29.13	1.16	-1.10	-13.45
2,543.00	1.17	217.78	2,540.16	3.91	-100.37	29.73	1.65	-0.81	-64.10
2,574.00	0.95	206.36	2,571.16	3.43	-100.67	30.29	0.98	-0.71	-36.84
2,605.00	0.54	199.69	2,602.15	3.06	-100.84	30.69	1.35	-1.32	-21.52
2,636.00	1.08	177.81	2,633.15	2.63	-100.88	31.11	1.98	1.74	-70.58
2,668.00	0.65	178.84	2,665.15	2.15	-100.86	31.56	1.34	-1.34	3.22
2,699.00	1.09	189.81	2,696.14	1.68	-100.91	32.01	1.51	1.42	35.39
2,730.00	1.16	186.30	2,727.14	1.08	-100.99	32.61	0.32	0.23	-11.32
2,761.00	0.85	167.40	2,758.13	0.54	-100.98	33.11	1.45	-1.00	-60.97
2,823.00	1.07	178.41	2,820.12	-0.48	-100.86	34.04	0.46	0.35	17.76
2,885.00	0.80	163.08	2,882.12	-1.48	-100.72	34.93	0.59	-0.44	-24.73
2,947.00	1.01	167.52	2,944.11	-2.42	-100.47	35.74	0.36	0.34	7.16
3,010.00	1.04	173.17	3,007.10	-3.53	-100.29	36.73	0.17	0.05	8.97
3,072.00	1.20	175.49	3,069.09	-4.74	-100.17	37.82	0.27	0.26	3.74
3,134.00	0.82	151.08	3,131.08	-5.78	-99.90	38.71	0.91	-0.61	-39.37
3,196.00	0.71	143.78	3,193.07	-6.47	-99.46	39.22	0.24	-0.18	-11.77
3,258.00	0.51	67.05	3,255.07	-6.68	-98.98	39.25	1.25	-0.32	-123.76
3,320.00	0.77	97.12	3,317.07	-6.62	-98.31	38.98	0.67	0.42	48.50
3,382.00	0.34	223.75	3,379.06	-6.81	-98.03	39.06	1.63	-0.69	204.24
3,444.00	0.77	236.53	3,441.06	-7.17	-98.50	39.56	0.72	0.69	20.61
3,507.00	1.17	227.96	3,504.05	-7.83	-99.33	40.46	0.67	0.63	-13.60
3,569.00	1.11	225.73	3,566.04	-8.67	-100.23	41.56	0.12	-0.10	-3.60
3,631.00	1.22	232.17	3,628.03	-9.50	-101.18	42.65	0.28	0.18	10.39
3,693.00	0.94	208.62	3,690.02	-10.35	-101.95	43.71	0.84	-0.45	-37.98
3,755.00	1.43	221.12	3,752.00	-11.38	-102.70	44.93	0.89	0.79	20.16
3,817.00	1.07	215.80	3,813.99	-12.43	-103.55	46.20	0.61	-0.58	-8.58
3,880.00	0.96	209.81	3,876.98	-13.37	-104.15	47.29	0.24	-0.17	-9.51
3,942.00	1.40	231.53	3,938.96	-14.29	-105.01	48.44	1.00	0.71	35.03
4,004.00	0.81	213.16	4,000.95	-15.13	-105.84	49.51	1.10	-0.95	-29.63
4,066.00	0.68	214.65	4,062.95	-15.80	-106.29	50.29	0.21	-0.21	2.40
4,128.00	0.87	231.86	4,124.94	-16.39	-106.87	51.04	0.48	0.31	27.76
4,191.00	1.57	223.20	4,187.93	-17.31	-107.83	52.23	1.15	1.11	-13.75
4,284.00	2.35	214.87	4,280.87	-19.81	-109.80	55.24	0.89	0.84	-8.96
4,315.00	2.33	212.58	4,311.85	-20.86	-110.50	56.46	0.31	-0.06	-7.39
4,377.00	1.66	204.89	4,373.81	-22.74	-111.56	58.58	1.16	-1.08	-12.40
4,440.00	0.60	186.19	4,436.80	-23.89	-111.97	59.81	1.76	-1.68	-29.68
4,502.00	0.78	205.42	4,498.79	-24.60	-112.19	60.55	0.47	0.29	31.02
4,564.00	0.98	176.07	4,560.78	-25.51	-112.34	61.46	0.78	0.32	-47.34
4,626.00	0.98	180.09	4,622.78	-26.57	-112.30	62.44	0.11	0.00	6.48
4,688.00	1.11	194.31	4,684.77	-27.68	-112.45	63.54	0.47	0.21	22.94
4,751.00	0.64	204.99	4,747.76	-28.59	-112.75	64.50	0.79	-0.75	16.95

Scientific Drilling

Survey Report

Company:	Questar Exploration & Production	**Local Co-ordinate Reference:**	Well WRU GB 13G-3-8-22
Project:	Uintah County, UT NAD27	**TVD Reference:**	GL 5121' & RKB 16' @ 5137.00ft (Ensign 57)
Site:	WRU GB	**MD Reference:**	GL 5121' & RKB 16' @ 5137.00ft (Ensign 57)
Well:	WRU GB 13G-3-8-22	**North Reference:**	True
Wellbore:	SSW Lateral	**Survey Calculation Method:**	Minimum Curvature
Design:	SSW Lateral	**Database:**	EDM 2003.16 Multi-User Db

Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
4,813.00	0.56	216.34	4,809.75	-29.15	-113.07	65.13	0.23	-0.13	18.31
4,875.00	0.71	208.83	4,871.75	-29.73	-113.44	65.80	0.28	0.24	-12.11
4,937.00	1.01	206.44	4,933.74	-30.55	-113.87	66.72	0.49	0.48	-3.85
4,999.00	1.09	200.02	4,995.73	-31.60	-114.31	67.86	0.23	0.13	-10.35
5,061.00	1.13	204.46	5,057.72	-32.71	-114.77	69.06	0.15	0.06	7.16
TIP									
5,240.00	10.48	194.43	5,235.61	-50.12	-119.57	87.07	5.23	5.22	-5.60
5,272.00	16.45	195.88	5,266.71	-57.30	-121.53	94.50	18.68	18.66	4.53
5,301.00	22.32	197.75	5,294.06	-66.50	-124.34	104.11	20.35	20.24	6.45
5,333.00	26.75	199.07	5,323.16	-79.10	-128.55	117.39	13.95	13.84	4.12
5,363.00	30.11	198.20	5,349.54	-92.64	-133.10	131.67	11.28	11.20	-2.90
5,395.00	34.10	197.83	5,376.64	-108.81	-138.36	148.67	12.48	12.47	-1.16
5,427.00	38.30	197.62	5,402.46	-126.80	-144.11	167.55	13.13	13.12	-0.66
5,459.00	41.53	197.08	5,427.00	-146.40	-150.23	188.07	10.15	10.09	-1.69
5,491.00	44.13	197.36	5,450.46	-167.18	-156.67	209.81	8.15	8.12	0.87
5,523.00	46.40	196.54	5,472.99	-188.92	-163.29	232.52	7.32	7.09	-2.56
5,555.00	49.65	196.91	5,494.39	-211.70	-170.14	256.28	10.19	10.16	1.16
5,587.00	53.35	196.76	5,514.30	-235.67	-177.39	281.29	11.57	11.56	-0.47
5,618.00	56.91	196.92	5,532.02	-260.01	-184.76	306.69	11.49	11.48	0.52
5,650.00	60.76	197.52	5,548.58	-286.16	-192.87	334.05	12.14	12.03	1.87
5,682.00	64.52	197.84	5,563.28	-313.23	-201.50	362.45	11.78	11.75	1.00
5,714.00	68.79	198.73	5,575.96	-341.12	-210.72	391.82	13.59	13.34	2.78
5,746.00	72.98	199.51	5,586.44	-369.68	-220.62	422.04	13.29	13.09	2.44
5,778.00	75.80	200.18	5,595.05	-398.66	-231.08	452.86	9.04	8.81	2.09
5,810.00	78.40	200.26	5,602.19	-427.93	-241.86	484.05	8.13	8.12	0.25
5,842.00	82.46	200.30	5,607.51	-457.52	-252.80	515.59	12.69	12.69	0.12
5,874.00	87.28	200.11	5,610.37	-487.43	-263.80	547.45	15.07	15.06	-0.59
5,906.00	90.10	200.53	5,611.10	-517.42	-274.91	579.44	8.91	8.81	1.31
5,937.00	90.50	200.09	5,610.94	-546.50	-285.67	610.43	1.92	1.29	-1.42
5,969.00	90.03	200.64	5,610.79	-576.49	-296.81	642.43	2.26	-1.47	1.72
6,001.00	89.06	199.68	5,611.05	-606.53	-307.83	674.42	4.26	-3.03	-3.00
6,033.00	89.03	199.72	5,611.58	-636.66	-318.62	706.42	0.16	-0.09	0.12
6,065.00	90.77	199.98	5,611.64	-666.75	-329.49	738.42	5.50	5.44	0.81
6,097.00	92.47	200.34	5,610.73	-696.78	-340.51	770.40	5.43	5.31	1.12
6,129.00	92.18	200.28	5,609.43	-726.76	-351.61	802.37	0.93	-0.91	-0.19
6,161.00	92.62	200.79	5,608.09	-756.70	-362.82	834.34	2.10	1.37	1.59
6,181.00	93.06	199.40	5,607.10	-775.46	-369.69	854.31	7.28	2.20	-6.95
6,213.00	92.22	199.24	5,605.63	-805.63	-380.26	886.27	2.67	-2.62	-0.50
6,244.00	91.41	199.45	5,604.65	-834.86	-390.52	917.26	2.70	-2.61	0.68
6,276.00	90.07	199.70	5,604.23	-865.01	-401.24	949.26	4.26	-4.19	0.78
6,308.00	88.76	198.88	5,604.56	-895.21	-411.82	981.25	4.83	-4.09	-2.56
6,339.00	88.35	199.16	5,605.34	-924.51	-421.91	1,012.24	1.60	-1.32	0.90
6,371.00	89.43	199.13	5,605.96	-954.73	-432.41	1,044.24	3.38	3.37	-0.09
6,403.00	89.97	199.81	5,606.13	-984.90	-443.07	1,076.23	2.71	1.69	2.12
6,435.00	90.84	200.51	5,605.90	-1,014.94	-454.10	1,108.23	3.49	2.72	2.19
6,467.00	91.24	200.58	5,605.32	-1,044.90	-465.33	1,140.22	1.27	1.25	0.22
6,499.00	91.58	201.27	5,604.53	-1,074.78	-476.75	1,172.20	2.40	1.06	2.16
6,531.00	91.91	200.94	5,603.56	-1,104.62	-488.27	1,204.17	1.46	1.03	-1.03
6,563.00	92.12	200.95	5,602.43	-1,134.49	-499.70	1,236.14	0.66	0.66	0.03
6,595.00	92.42	201.14	5,601.17	-1,164.33	-511.19	1,268.10	1.11	0.94	0.59
6,627.00	93.06	201.04	5,599.64	-1,194.15	-522.69	1,300.05	2.02	2.00	-0.31
6,659.00	92.08	200.37	5,598.20	-1,224.06	-533.99	1,332.01	3.71	-3.06	-2.09
6,691.00	91.98	200.27	5,597.07	-1,254.05	-545.10	1,363.99	0.44	-0.31	-0.31
6,723.00	91.65	199.63	5,596.06	-1,284.11	-556.01	1,395.97	2.25	-1.03	-2.00

Scientific Drilling

Survey Report

Company:	Questar Exploration & Production	**Local Co-ordinate Reference:**	Well WRU GB 13G-3-8-22
Project:	Uintah County, UT NAD27	**TVD Reference:**	GL 5121' & RKB 16' @ 5137.00ft (Ensign 57)
Site:	WRU GB	**MD Reference:**	GL 5121' & RKB 16' @ 5137.00ft (Ensign 57)
Well:	WRU GB 13G-3-8-22	**North Reference:**	True
Wellbore:	SSW Lateral	**Survey Calculation Method:**	Minimum Curvature
Design:	SSW Lateral	**Database:**	EDM 2003.16 Multi-User Db

Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
6,755.00	91.68	199.47	5,595.13	-1,314.25	-566.71	1,427.96	0.51	0.09	-0.50
6,787.00	90.67	198.38	5,594.47	-1,344.52	-577.09	1,459.95	4.64	-3.16	-3.41
6,818.00	88.96	198.31	5,594.57	-1,373.94	-586.84	1,490.94	5.52	-5.52	-0.23
6,850.00	88.49	198.53	5,595.28	-1,404.29	-596.95	1,522.93	1.62	-1.47	0.69
6,882.00	88.69	197.93	5,596.07	-1,434.68	-606.96	1,554.91	1.98	0.62	-1.87
6,914.00	89.70	198.09	5,596.52	-1,465.10	-616.85	1,586.90	3.20	3.16	0.50
6,946.00	90.30	198.26	5,596.52	-1,495.51	-626.83	1,618.89	1.95	1.87	0.53
6,978.00	91.11	198.43	5,596.12	-1,525.88	-636.91	1,650.88	2.59	2.53	0.53
7,010.00	91.71	198.50	5,595.34	-1,556.22	-647.04	1,682.87	1.89	1.87	0.22
7,042.00	92.35	198.49	5,594.20	-1,586.55	-657.18	1,714.84	2.00	2.00	-0.03
7,074.00	91.58	197.83	5,593.11	-1,616.94	-667.15	1,746.81	3.17	-2.41	-2.06
7,106.00	91.34	198.11	5,592.29	-1,647.37	-677.02	1,778.79	1.15	-0.75	0.87
7,138.00	91.61	198.40	5,591.47	-1,677.75	-687.04	1,810.78	1.24	0.84	0.91
7,170.00	91.24	197.99	5,590.67	-1,708.14	-697.03	1,842.76	1.73	-1.16	-1.28
7,201.00	90.44	198.37	5,590.22	-1,737.59	-706.70	1,873.75	2.86	-2.58	1.23
7,234.00	90.94	198.22	5,589.82	-1,768.92	-717.06	1,906.74	1.58	1.52	-0.45
7,266.00	91.28	198.35	5,589.20	-1,799.29	-727.10	1,938.72	1.14	1.06	0.41
7,297.00	91.68	198.86	5,588.40	-1,828.66	-736.98	1,969.71	2.09	1.29	1.65
7,329.00	90.77	198.75	5,587.72	-1,858.95	-747.30	2,001.70	2.86	-2.84	-0.34
7,361.00	90.44	198.38	5,587.38	-1,889.28	-757.48	2,033.70	1.55	-1.03	-1.16
7,392.00	90.84	199.15	5,587.03	-1,918.63	-767.45	2,064.69	2.80	1.29	2.48
7,424.00	91.11	199.44	5,586.49	-1,948.83	-778.03	2,096.69	1.24	0.84	0.91
7,456.00	89.83	197.59	5,586.22	-1,979.17	-788.19	2,128.68	7.03	-4.00	-5.78
7,488.00	89.16	197.39	5,586.51	-2,009.69	-797.80	2,160.66	2.19	-2.09	-0.62
7,520.00	89.40	199.25	5,586.91	-2,040.06	-807.86	2,192.65	5.86	0.75	5.81
7,552.00	90.44	198.97	5,586.95	-2,070.30	-818.34	2,224.65	3.37	3.25	-0.87
7,584.00	90.74	200.09	5,586.62	-2,100.46	-829.03	2,256.64	3.62	0.94	3.50
7,616.00	91.31	200.11	5,586.05	-2,130.50	-840.03	2,288.64	1.78	1.78	0.06
7,648.00	91.61	199.95	5,585.24	-2,160.56	-850.99	2,320.63	1.06	0.94	-0.50
7,680.00	91.71	199.98	5,584.31	-2,190.62	-861.91	2,352.61	0.33	0.31	0.09
7,712.00	91.98	199.81	5,583.28	-2,220.70	-872.79	2,384.59	1.00	0.84	-0.53
7,744.00	92.25	200.46	5,582.10	-2,250.72	-883.80	2,416.57	2.20	0.84	2.03
7,775.00	92.32	200.39	5,580.86	-2,279.75	-894.61	2,447.54	0.32	0.23	-0.23
7,807.00	92.22	199.86	5,579.59	-2,309.77	-905.61	2,479.51	1.68	-0.31	-1.66
7,839.00	91.78	200.39	5,578.48	-2,339.80	-916.61	2,511.49	2.15	-1.37	1.66
7,870.00	91.68	200.40	5,577.54	-2,368.84	-927.41	2,542.47	0.32	-0.32	0.03
7,903.00	90.81	200.12	5,576.82	-2,399.79	-938.84	2,575.46	2.77	-2.64	-0.85
7,935.00	90.97	200.21	5,576.33	-2,429.83	-949.87	2,607.45	0.57	0.50	0.28
7,967.00	90.67	199.62	5,575.87	-2,459.91	-960.77	2,639.45	2.07	-0.94	-1.84
7,998.00	90.47	199.29	5,575.56	-2,489.14	-971.09	2,670.45	1.24	-0.65	-1.06
8,030.00	90.87	200.06	5,575.19	-2,519.27	-981.86	2,702.45	2.71	1.25	2.41
8,062.00	91.21	200.07	5,574.61	-2,549.32	-992.84	2,734.44	1.06	1.06	0.03
8,093.00	91.44	200.04	5,573.89	-2,578.43	-1,003.47	2,765.43	0.75	0.74	-0.10
8,125.00	91.91	199.44	5,572.95	-2,608.54	-1,014.27	2,797.41	2.38	1.47	-1.87
8,157.00	91.34	199.35	5,572.05	-2,638.71	-1,024.89	2,829.40	1.80	-1.78	-0.28
8,189.00	91.01	199.24	5,571.39	-2,668.91	-1,035.47	2,861.39	1.09	-1.03	-0.34
8,221.00	91.41	198.84	5,570.71	-2,699.15	-1,045.90	2,893.39	1.77	1.25	-1.25
8,253.00	91.58	199.57	5,569.88	-2,729.36	-1,056.42	2,925.37	2.34	0.53	2.28
8,285.00	91.95	199.04	5,568.89	-2,759.55	-1,067.00	2,957.36	2.02	1.16	-1.66
8,317.00	92.18	199.93	5,567.74	-2,789.69	-1,077.67	2,989.34	2.87	0.72	2.78
8,349.00	92.45	200.15	5,566.45	-2,819.73	-1,088.62	3,021.31	1.09	0.84	0.69
8,381.00	91.38	199.67	5,565.38	-2,849.80	-1,099.51	3,053.29	3.66	-3.34	-1.50
8,413.00	91.21	199.29	5,564.66	-2,879.96	-1,110.18	3,085.28	1.30	-0.53	-1.19
8,445.00	91.11	199.27	5,564.01	-2,910.16	-1,120.75	3,117.28	0.32	-0.31	-0.06

Scientific Drilling

Survey Report

Company:	Questar Exploration & Production	**Local Co-ordinate Reference:**	Well WRU GB 13G-3-8-22
Project:	Uintah County, UT NAD27	**TVD Reference:**	GL 5121' & RKB 16' @ 5137.00ft (Ensign 57)
Site:	WRU GB	**MD Reference:**	GL 5121' & RKB 16' @ 5137.00ft (Ensign 57)
Well:	WRU GB 13G-3-8-22	**North Reference:**	True
Wellbore:	SSW Lateral	**Survey Calculation Method:**	Minimum Curvature
Design:	SSW Lateral	**Database:**	EDM 2003.16 Multi-User Db

Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
8,477.00	91.34	199.13	5,563.32	-2,940.37	-1,131.27	3,149.27	0.84	0.72	-0.44
8,508.00	91.85	200.16	5,562.46	-2,969.56	-1,141.68	3,180.26	3.71	1.65	3.32
8,540.00	92.15	200.80	5,561.34	-2,999.52	-1,152.87	3,212.23	2.21	0.94	2.00
8,572.00	91.91	199.85	5,560.21	-3,029.50	-1,163.98	3,244.21	3.06	-0.75	-2.97
8,604.00	91.85	199.84	5,559.16	-3,059.59	-1,174.84	3,276.19	0.19	-0.19	-0.03
8,636.00	92.15	200.08	5,558.04	-3,089.65	-1,185.76	3,308.17	1.20	0.94	0.75
8,667.00	91.81	200.31	5,556.97	-3,118.72	-1,196.45	3,339.15	1.32	-1.10	0.74
8,699.00	91.71	200.34	5,555.99	-3,148.72	-1,207.56	3,371.13	0.33	-0.31	0.09
8,730.00	91.18	200.61	5,555.21	-3,177.75	-1,218.40	3,402.11	1.92	-1.71	0.87
8,762.00	90.74	200.12	5,554.67	-3,207.75	-1,229.54	3,434.10	2.06	-1.37	-1.53
8,794.00	91.14	200.50	5,554.15	-3,237.75	-1,240.64	3,466.10	1.72	1.25	1.19
8,826.00	91.55	200.57	5,553.40	-3,267.71	-1,251.86	3,498.08	1.30	1.28	0.22
8,857.00	92.22	200.53	5,552.38	-3,296.72	-1,262.74	3,529.06	2.17	2.16	-0.13
8,889.00	92.62	201.53	5,551.02	-3,326.56	-1,274.21	3,561.02	3.36	1.25	3.12
8,921.00	92.55	200.98	5,549.58	-3,356.36	-1,285.80	3,592.97	1.73	-0.22	-1.72
8,950.00	92.38	200.97	5,548.33	-3,383.41	-1,296.17	3,621.93	0.59	-0.59	-0.03
9,003.00	92.38	200.97	5,546.13	-3,432.86	-1,315.12	3,674.87	0.00	0.00	0.00

Projection to TD

Targets

Target Name - hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude
WRU GB 13G-3-8-22 SS	0.00	0.00	5,533.00	-3,497.99	-1,235.27	663,364.07	2,576,727.91	40° 8' 10.869 N	109° 26' 13.405 W

- actual wellpath misses target center by 103.88ft at 9003.00ft MD (5546.13 TVD, -3432.86 N, -1315.12 E)
- Point

Checked By: _____ Approved By: _____ Date: _____

CONFIDENTIAL

43-047-39792
3 8S 22E

QUESTAR

Operations Summary Report

Legal Well Name: WRU GB 13G-3-8-22
Common Well Name: WRU GB 13G-3-8-22
Event Name: DRILLING
Contractor Name: Ensign Drilling USD
Rig Name: ENSIGN

Start: 6/10/2008
Rig Release: 8/7/2008
Rig Number: 57

Spud Date: 6/12/2008
End: 8/9/2008
Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
6/12/2008	06:00 - 10:00	4.00	LOC	2	DRLCON	RIG UP BUCKET RIG-DRILL 17 1/2" HOLE 40' DEEP-SET 14" PIPE AND CEMENT SAME- ACTUAL SPUD ON 6/11/08 AT 0700 HRS.
	10:00 - 01:00	15.00	DRL	9	DRLSUR	MOVE IN & RIG UP AIR RIG- DRILL 12 1/4" HOLE F/ 40' TO 535' (18' OF RAT HOLE)- BLOW DOWN HOLE- LAY DOWN PIPE
	01:00 - 03:00	2.00	CSG	2	CSGSUR	RUN 12 JOINTS OF 9 5/8", J-55, 36#, STC CASING-LAND CASING @ 517 FEET
	03:00 - 06:00	3.00	CMT	2	CSGSUR	CEMENT 9 5/8" CASING AS PER PROGRAM: PUMP 30 BBLS. CLEAR WATER & 20 BBLS. GEL WATER-MIX & PUMP 51 BBLS. 15.8PPG LEAD SLURRY-DISPLACE W/ 36.4 BBLS. CLEAR WATER-BUMP PLUG W. 900 PSI-CHECK FLOATS (OK)-FULL RETURNS DURING JOB/ 20 BBLS. CEMENT TO SURFACE
6/24/2008	06:00 - 17:00	11.00	LOC	3	MIRU	100% RIGGED DOWN, 70% LOADED, 60% MOVED, 0% RIGGED UP
	17:00 - 18:00	1.00	WOT	3	MIRU	WAIT ON STORM FRONT WITH LIGHTNIG
	18:00 - 06:00	12.00	LOC	3	MIRU	WAIT ON DAYLIGHTS, DRY WATCH ON NEW LOCATION
6/25/2008	06:00 - 18:00	12.00	LOC	3	MIRU	100% RIGGED DOWN, 100% MOVED, 50% RIGGED UP
	18:00 - 06:00	12.00	LOC	3	MIRU	WAIT ON DAYLIGHTS
6/26/2008	06:00 - 06:00	24.00	LOC	4	MIRU	100% MOVED, 90% RIGGED UP, RAISED DERRICK @14:30, GENERAL RIG UP BACK YARD, REPLACE LINERS IN BOTH PUMPS WITH 6". HAVE WHITE MOUNTAIN REPAIR AND RECONFIGURE PREMIX - REPLACE BOTH CENTRIFICALS, ADD 6" VALVE BETWEEN PUMPS AND REPLACE 2" VALVES ON UPPER GUN LINES. REPLACE DEVIDER BETWEEN PILL TANK AND ACTIVE, REMOVE RISER AND REPLACE GRATING. MOUNT THE TORQUE WHEEL AND GAUGE FOR TABLE. INSTALL D.S.A., WEAR BUSHING LOCKDOWN FLANGE AND PICK UP B.O.P.'S START TO NIPPLE UP THE B.O.P'S
6/27/2008	06:00 - 10:00	4.00	LOC	4	MIRU	RIG UP & PREPARE TO DRILL
	10:00 - 16:30	6.50	BOP	1	MIRU	NIPPLE UP B.O.P'S
	16:30 - 21:30	5.00	BOP	2	MIRU	TEST B.O.P'S (KELLY VALVES UPPER& LOWER, PIPE RAMS ALL KILL AND CHOKE VALVES BLIND RAMS TO 250 LOW AND 3000 PSI HIGH ANNULAR TO 250 LOW & 1500 HIGH TEST CASING TO 1500 PSI FOR 30 MINUTES, NOTIFIED BLM JAMIE SPARGER OF BOPE TEST
	21:30 - 22:00	0.50	LOG	2	MIRU	SET 9 5/8 WEAR BUSHING AND RUN IT, LOCK DOWN BOLTS
	22:00 - 00:00	2.00			MIRU	RIG UP AND RUN GYRO LOGS ON 9 5/8" CASING STRING TAGED CEMENT @ 409 FEET
	00:00 - 04:00	4.00	LOC	4	MIRU	RIG UP GAS BUSTER , FLARE LINES AND FINISH WELDING IN PILL TANK AND CLEAN OUT MUD PITS OF ALL WELDING SLAG, WELDING RODS ETC. FILL PITS WITH WATER
	04:00 - 06:00	2.00	TRP	1	MIRU	LAY OUT & STRAP B.H.A. #1
6/28/2008	06:00 - 07:00	1.00	TRP	1	DRLPRO	LAY OUT & STRAP B.H.A. #1
	07:00 - 10:00	3.00	TRP	1	DRLPRO	PICK UP MOTOR AND ORINATE TOOLS
	10:00 - 12:00	2.00	TRP	1	DRLPRO	PICK UP B.H.A. & HWDP
	12:00 - 14:00	2.00	DRL	4	DRLPRO	DRILL CEMENT AND FLOAT EQUIPMENT TAG CEMENT @ 409 FEET
	14:00 - 14:30	0.50	OTH		DRLPRO	PERFORM LEAK OFF TEST @ 523 FEET = 10 PSI = 8.7 EMW WITH 8.3 PPG MUD IN THE HOLE
	14:30 - 15:00	0.50	SUR	1	DRLPRO	RIG UP AND RUN GYRO SURVEY
	15:00 - 17:00	2.00	DRL	2	DRLPRO	DRILL FROM 557 FEET TO 613 FEET (SLIDE F/ 557 TO 563 ROTATE F/ 563 TO 574)
	17:00 - 17:30	0.50	RIG	1	DRLPRO	RIG SERVICE & FUNCTION ANNULAR
	17:30 - 18:30	1.00	DRL	2	DRLPRO	DRILL FROM 613 TO 644
	18:30 - 19:00	0.50	SUR	1	DRLPRO	SURVEY (GYRO RUN)

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Operations Summary Report

Legal Well Name: WRU GB 13G-3-8-22
Common Well Name: WRU GB 13G-3-8-22
Event Name: DRILLING
Contractor Name: Ensign Drilling USD
Rig Name: ENSIGN

Start: 6/10/2008
Rig Release: 8/7/2008
Rig Number: 57

Spud Date: 6/12/2008
End: 8/9/2008
Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
6/28/2008	19:00 - 19:30	0.50	DRL	2	DRLPRO	SLIDE F/ 644 TO 651 ROTATE F/ 651 TO 676 FEET
	19:30 - 20:00	0.50	SUR	1	DRLPRO	RUN GYRO SURVEY
	20:00 - 21:00	1.00	DRL	2	DRLPRO	DRILL FROM 676 TO 728 FEET (ROTATE)
	21:00 - 22:00	1.00	SUR	1	DRLPRO	RUN GYO SURVEY
	22:00 - 22:30	0.50	DRL	2	DRLPRO	DRILL SLIDE FROM 728 TO 733 FEET ROTATE FROM 733 TO 758 FEET
	22:30 - 23:00	0.50	SUR	1	DRLPRO	RUN GYRO TOOLS (RIG DOWN GYRO TOOLS)
	23:00 - 04:00	5.00	DRL	2	DRLPRO	DIRECTIONAL DRILL (SLIDE F/758 TO 765 - ROTATE 765 TO 850 SLIDE 850 TO 857 ROTATE 857 TO 882 SLIDE 882 TO 887 ROTATE 887 TO 1002 SLIDE 1002 TO 1126
	04:00 - 06:00	2.00	SUR	1	DRLPRO	SURVEY AND CONNECTIONS
6/29/2008	06:00 - 13:30	7.50	DRL	2	DRLPRO	DIRECTIONAL DRILL 8 3/4" HOLE FROM 1126 FEET TO 1904 FEET (ROTATE = 766 FEET SLIDE= 12 FEET TOTAL = 778 FEET
	13:30 - 14:00	0.50	RIG	1	DRLPRO	RIG SERVICE AND FUNCTION PIPE RAMS
	14:00 - 18:00	4.00	SUR	1	DRLPRO	SURVEY TIME AND CONNECTION TIME
	18:00 - 03:00	9.00	DRL	2	DRLPRO	DIRECTIONAL DRILL 8 3/4" HOLE FROM 1904 FEET TO 2432 FEET (ROTATE = 496 FEET SLIIDE= 32) TOTAL FEET DRILLED = 528
	03:00 - 06:00	3.00	SUR	1	DRLPRO	SURVEY AND CONNECTION TIME SLIDE TIME = 1 1/2 HOURS AND ROTATE TIME = 7 1/2 HRS
	06:00 -				DRLPRO	B.O.P. DRILL RESPONSE TIME= 1 MINUTE SLOW PUMP RATE = #2 PUMP @ 1863 FEET WITH 8.3 PPG MUD = 43 STKS= 140 PSI @ 55 STKS= 200 PSI
6/30/2008	06:00 - 14:00	8.00	DRL	2	DRLPRO	DIRECTIONAL DRILL FROM 2432 FEET TO 2774 FEET
	14:00 - 14:30	0.50	RIG	1	DRLPRO	RIG SERVICE FUNCTION ANNULAR PREVENTOR
	14:30 - 15:00	0.50	DRL	2	DRLPRO	DIRECTIONAL DRILL FROM 2774 TO 2970 FEET
	15:00 - 18:00	3.00	SUR	1	DRLPRO	SURVEY AND CONNECTION TIME
	18:00 - 19:00	1.00	DRL	2	DRLPRO	DIRECTIONAL DRILL FROM 2970 FEET TO 3054 FEET
	19:00 - 19:30	0.50	CIRC	1	DRLPRO	CIRC SWEEP TO SURFACE
	19:30 - 23:00	3.50	TRP	14	DRLPRO	SHORT TRIP FROM 3054 FEET TO 1030 FEET (TAG A BRIDGE @ 2930 FEET PICK UP THE KELLY AND WASH AND REAM TO BOTTOM
	23:00 - 05:00	6.00	DRL	2	DRLPRO	DIRECTIONAL DRILL FROM 3054 FEET TO 3364 FEET (TOTAL ROTATE FEET = 900 TOTAL SLIDE = 32 FEET)
	05:00 - 06:00	1.00	SUR	1	DRLPRO	SURVEY AND CONNECTION TIME
7/1/2008	06:00 - 14:30	8.50	DRL	2	DRLPRO	DIRECTIONAL DRILL FROM 3364 FEET TO 3613 FEET
	14:30 - 15:00	0.50	RIG	1	DRLPRO	RIG SERVICE AND FUNCTION PIPE RAMS
	15:00 - 17:00	2.00	DRL	2	DRLPRO	DIRECTIONAL DRILL FROM 3613 TO 3690
	17:00 - 18:00	1.00	SUR	1	DRLPRO	SURVEY AND CONNECTIONS
	18:00 - 04:30	10.50	DRL	2	DRLPRO	DIRECTIONAL DRILL FROM 3690 FEET TO 4141 FEET
	04:30 - 06:00	1.50	SUR	1	DRLPRO	SURVEY AND CONNECTIONS TOTAL FOOTAGE ROTATING= 757 TOTAL FOTAGE SLIDING= 20 FEET SLOW PUMP RATE = #1 PUMP =42 STKS = 170 PSI 58 STKS = 280 PSI @ 3551 FEET M/W= 8.6 PPG
7/2/2008	06:00 - 09:00	3.00	DRL	2	DRLPRO	DIRECTIONAL DRILL FROM 4141 FEET TO 4237 FEET
	09:00 - 11:30	2.50	CIRC	2	DRLPRO	LOST ALL RETURNS @ 4237 FEET (REGAINED CIRC. LOST BBL'S)
	11:30 - 15:30	4.00	DRL	2	DRLPRO	DIRECTIONAL DRILL FROM 4237 FEET TO 4359 FEET
	15:30 - 16:00	0.50	RIG	1	DRLPRO	RIG SERVICE AND FUNCTION PIPE RAMS
	16:00 - 17:30	1.50	DRL	2	DRLPRO	DIRECTIONAL DRILL FROM 4359 FEET TO 4390 FEET
	17:30 - 18:00	0.50	SUR	1	DRLPRO	SURVEY AND CONNECTIONS
	18:00 - 06:00	12.00	DRL	2	DRLPRO	DIRECTIONAL DRILL FROM 4390 FEET TO 4690 FEEET (TOTAL

Operations Summary Report

Legal Well Name: WRU GB 13G-3-8-22
Common Well Name: WRU GB 13G-3-8-22
Event Name: DRILLING
Contractor Name: Ensign Drilling USD
Rig Name: ENSIGN

Start: 6/10/2008
Rig Release: 8/7/2008
Rig Number: 57

Spud Date: 6/12/2008
End: 8/9/2008
Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
7/2/2008	18:00 - 06:00	12.00	DRL	2	DRLPRO	ROTATE= 504 FEET TOTAL SLIDE= 45 FEET
7/3/2008	06:00 - 09:30	3.50	DRL	2	DRLIN1	ROTATE F/ 4,690' T/ 4,733' (43') AROP 12.2 FPH, WOB 17K, PP 726, SPM #2 90, 197 GPM, MOTOR RPM 69, ROTORY 60 RPM., BIT 129 RPM.
	09:30 - 11:30	2.00	DRL	2	DRLIN1	SLIDE F/ 4,733' T/ 4,744' (11') AROP 5.5 FPH, WOB 12K, PP 1084, SPM #2 90, 197 GPM, MOTOR RPM 69.
	11:30 - 14:00	2.50	DRL	2	DRLIN1	ROTATE F/ 4,744' T/ 4,795' (51') AROP 20.4 FPH, WOB 12.9K, PP 1080, SPM #2 108, 236 GPM, MOTOR RPM 82.6, ROTORY 62 RPM., BIT 144.5 RPM.
	14:00 - 14:30	0.50	RIG	1	DRLIN1	SERVICE & LUBRICATE RIG.
	14:30 - 17:30	3.00	DRL	2	DRLIN1	ROTATE F/ 4,795' T/ 4,857' (62') AROP 20.3 FPH, WOB 12.9K, PP 1080, SPM #2 108, 236 GPM, MOTOR RPM 82.6, ROTORY 62 RPM., BIT 144.5 RPM, TORQUE 142 FT/LBS, BOPE DRILL
	17:30 - 06:00	12.50	DRL	2	DRLIN1	ROTATE F/ 4,857' T/ 5,143' (286') AROP 22.8 FPH, WOB 15.8K, PP 1,118, SPM #2 111, 242 GPM, MOTOR RPM 84.7, ROTORY 62 RPM., BIT 144.5 RPM, TORQUE 142 FT/LBS, BOPE DRILL. (TOTAL ROTATE= 442 FEET TOTAL SLIDE= 11 FEET
7/4/2008	06:00 - 08:30	2.50	CIRC	1	DRLIN1	CIRCULATE HIGH VIS SWEEP TO CLEAN HOLE.
	08:30 - 12:00	3.50	TRP	2	DRLIN1	TOOH W/ BHA #1 / FUNCTION TEST C.O.M.
	12:00 - 16:00	4.00	TRP	1	DRLIN1	CHANGE OUT BHA AND SWAP 5 STANDS OF DRILL PIPE PLACING IT BELOW THE HWDP. PU BHA #2 AND MWD, SURFACE CHECK MOTOR.
	16:00 - 16:30	0.50	RIG	1	DRLIN1	SERVICE AND LUBRICATE RIG.
	16:30 - 20:30	4.00	TRP	2	DRLIN1	TIH W/ BHA #2 TO DRILL RADIOUS, GX-28 TRI CONE, WENZEL 2.38 DEGREE/.35 REV/GAL MOTOR AND FRESH MWD.
	20:30 - 00:00	3.50	REAM	1	DRLIN1	WASH & REAM & ROTATE 62' TO TD @ 5,143'.
	00:00 - 00:30	0.50	RIG	2	DRLIN1	REPAIR RIG AIR COMPRESSOR.
	00:30 - 02:00	1.50	DRL	2	DRLIN1	ORIENT TOOL FACE: SLIDE F/ 5,143' T/ 5,166', (23') AROP 15.3 FPH, WOB 27K PP 805 PSI, #1 99 SPM, 313 GPM, MOTOR 109 RPM. TAKE SURVEY
	02:00 - 02:30	0.50	DRL	2	DRLIN1	ROTATE F/ 5,166' T/ 5,172' (6') AROP 12 FPH, WOB 20K, PP 876, #1 99 SPM, 313 GPM, MOTOR 109 RPM, ROTORY 30 RPM, BIT 139 RPM, DIFF PRESS 142 PSI
	02:30 - 04:00	1.50	DRL	2	DRLIN1	SLIDE F/ 5,172' T/ 5,197', (31') AROP 20.6 FPH, WOB 27K PP 805 PSI, #1 99 SPM, 313 GPM, MOTOR 109 RPM. TAKE SURVEY
	04:00 - 04:30	0.50	DRL	2	DRLIN1	ROTATE F/ 5,197' T/ 5,203' (6') AROP 12 FPH, WOB 20K, PP 876, #1 99 SPM, 313 GPM, MOTOR 109 RPM, ROTORY 30 RPM, BIT 139 RPM, DIFF PRESS 142 PSI
	04:30 - 06:00	1.50	DRL	2	DRLIN1	SLIDE F/ 5,203' T/ 5,228', (25') AROP 15.5 FPH, WOB 24.8K PP 843 PSI, #1 100 SPM, 313 GPM, MOTOR 109 RPM. TAKE SURVEY
7/5/2008	06:00 - 06:30	0.50	DRL	1	DRLIN1	ROTATE F/ 5228' T/ 5231' (3), WOB 20K, PP 846 PSI, #1 101 SPM, 313 GPM, MOTOR 109 RPM, ROTARY 30 RPM, BIT 139 RPM, DIFF PRESS 153 PSI
	06:30 - 09:00	2.50	DRL	2	DRLIN1	SLIDE F/ 5231' T/ 5259' (28), AROP 11.2 '/HR., WOB 27K, PP 825 PSI, #1 101 SPM, 313 GPM, MOTOR 109 RPM
	09:00 - 09:30	0.50	DRL	1	DRLIN1	ROTATE F/ 5259' T/ 5262' (3), WOB 20K, PP 803 PSI, #1 100 SPM, 313 GPM, MOTOR 109 RPM, ROTARY 30 RPM, BIT 139 RPM, DIFF PRESS 129 PSI
	09:30 - 10:00	0.50	DRL	2	DRLIN1	SLIDE F/ 5262' T/ 5268' (6), WOB 20K, PP 833 PSI, #1 101 SPM, 313 GPM, MOTOR 109 RPM
	10:00 - 12:00	2.00	CIRC	1	DRLIN1	TROUBLE SHOOT DIFFERENCES IN LOG MARKERS & 29' HIGHER CHANGE IN ZONE TVD (MARKERS SHOWING MD IS 30' DEEPER)
	12:00 - 13:00	1.00	TRP	2	DRLIN1	TRIP OUT OF HOLE F/ 5268' TO 4870' FOR RE-LOGGING HOLE

Operations Summary Report

Legal Well Name: WRU GB 13G-3-8-22
Common Well Name: WRU GB 13G-3-8-22
Event Name: DRILLING
Contractor Name: Ensign Drilling USD
Rig Name: ENSIGN

Start: 6/10/2008
Rig Release: 8/7/2008
Rig Number: 57

Spud Date: 6/12/2008
End: 8/9/2008
Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
7/5/2008	12:00 - 13:00	1.00	TRP	2	DRLIN1	(CHANGE DEPTHS BY 30' TO 4900')
	13:00 - 18:30	5.50	LOG	1	DRLIN1	TRIP IN HOLE & RE-LOG F/ 4900' TO 5298' (LOG @ 60'/HR. TO 4970' & THEN 120'/HR. TO BOTTOM)
	18:30 - 01:30	7.00	DRL	2	DRLIN1	SLIDE F/ 5,298' T/ 5,383' (85'), WOB 28K, PP 733 PSI, #1 90 SPM, 197 GPM, MOTOR 69 RPM, DIFF PRESS. 127 PSI. REDUCE PUMP RATE FROM 101 SPM TO 90 SPM LAST TWO HRS TO MAXIMIZE ANGEL BUILD. BUILD RATE 10.77 DEGREES PER/100', NEED 15.5 DEGREES PER/100'.
	01:30 - 02:00	0.50	RIG	1	DRLIN1	SERVICE & LUBRICATE RIG.
	02:00 - 06:00	4.00	TRP	2	DRLIN1	FILL TRIP TANK, TOOH TO ADJUST MOTOR ANGEL, MWD & CHANGE BIT.
7/6/2008	06:00 - 09:00	3.00	TRP	1	DRLIN1	L/D BHA #2 AND P/U BHA #3, CHECK MWD, CHANGE MOTOR ANGLE FROM 2.38 DEGREES TO 2.77 DEGREES. CHANGE BIT
	09:00 - 11:30	2.50	TRP	2	DRLIN1	TIH W/ BHA #3. TIGHT GOING IN HOLE W/ 2.77 DEGREE MOTOR.
	11:30 - 12:30	1.00	REAM	1	DRLIN1	REAM 60' TO BOTTOM @ 5,383'.
	12:30 - 14:30	2.00	DRL	2	DRLIN1	SLIDE F/ 5,383' T/ 5,414' (31'), WOB 30K, PP 1,651 PSI, #1 75 SPM, #2 73 SPM, 323 GPM, MOTOR 113 RPM, DIFF PRESS. 126 PSI.
	14:30 - 15:00	0.50	RIG	1	DRLIN1	SERVICE AND LUBRICATE RIG.
	15:00 - 23:30	8.50	DRL	2	DRLIN1	SLIDE F/ 5,414' T/ 5,507' (93'), WOB 30K, PP 1,651 PSI, #1 75 SPM, #2 73 SPM, 323 GPM, MOTOR 113 RPM, DIFF PRESS. 126 PSI. LAST 30' REDUCE PUMP RATE FROM 143 SPM TO 109 SPM TO MAXIMIZE ANGEL BUILD. BUILD RATE 10.77 DEGREES PER/100', NEED 16.8 DEGREES PER/100'.
	23:30 - 03:00	3.50	TRP	2	DRLIN1	TOOH W/ BHA #3 TO CHANGE MOTOR ANGEL FROM 2.77 DEGREES UP TO 3.0 DEGREES.
	03:00 - 06:00	3.00	TRP	1	DRLIN1	L/D BHA #3, P/U BHA #4, SMITH FHI-23 BIT, 3.0 DEGREE MOTOR W/ FLOAT AND FRESH MWD. FLOW TEST MOTOR.
7/7/2008	06:00 - 07:00	1.00	DRL	3	DRLIN1	ORIENT AND SCRIBE MWD TOOL & 3.0 DEGREE MOTOR.
	07:00 - 11:00	4.00	TRP	2	DRLIN1	TIH W/ DIRECTIONAL BHA #4.
	11:00 - 11:30	0.50	REAM	1	DRLIN1	WASH AND REAM 60' TO BOTTOM @ 5,507'.
	11:30 - 13:00	1.50	DRL	2	DRLIN1	SLIDE F/ 5,507' T/ 5,570' (63'), WOB 33K, PP 1,668 PSI, #1 75 SPM, #2 75 SPM, 474 GPM, MOTOR 165 RPM, DIFF PRESS. 119 PSI.
	13:00 - 13:30	0.50	RIG	1	DRLIN1	SERVICE & LUBRICATE RIG, FUNCTION BOPE.
	13:30 - 06:00	16.50	DRL	2	DRLIN1	SLIDE F/ 5,570' T/ 5,745" (175'), WOB 35K, PP 1,668 PSI, #1 75 SPM, #2 75 SPM, 474 GPM, MOTOR 165 RPM, DIFF PRESS. 103 PSI. GAMA 62. TURNING DIRECTION TO THE LEFT HOLDING 60 TO 30 DEGREES OVER CENTER.
7/8/2008	06:00 - 14:30	8.50	DRL	2	DRLIN1	SLIDE F/ 5,745' T/ 5,777" (32'), WOB 46K, PP 1,634 PSI, #1 75 SPM, #2 75 SPM, 474 GPM, MOTOR 109 RPM, DIFF PRESS. 110 PSI. GAMA 32. TURNING DIRECTION TO THE LEFT HOLDING 60 TO 30 DEGREES OVER CENTER. LOST COMMUNICATIONS WITH MWD TOOL FACE FOR 2.5 HRS.
	14:30 - 16:00	1.50	OTH		DRLIN1	SERVICE & LUBRICATE RIG, LOST COMMUNICATIONS WITH MWD, REBOOT COMPUTER AND UNABLE TO ESTABLISH COMMUNICATIONS. FILL TRIP TANK.
	16:00 - 20:30	4.50	TRP	2	DRLIN1	TOOH W/ BHA #4 DUE TO MWD FAILURE AND CHANGE MOTOR ANGLE FROM 3.0 TO 2.38 DEGREES
	20:30 - 22:30	2.00	TRP	1	DRLIN1	CHANGE BIT, ADJUST MOTOR ANGLE TO 2.38 DEGREES AND CHANGE OUT MWD TOOL.
	22:30 - 03:00	4.50	TRP	2	DRLIN1	TIH W/ BHA #5, TIGHT HOLE STARTING @ 5,033'.
	03:00 - 06:00	3.00	REAM	1	DRLIN1	WASH AND REAM ONE STAND, TIH W/ TWO JTS, WASH AND REAM LAST 4 JTS TO BOTTOM @ 5,777'.
7/9/2008	06:00 - 10:00	4.00	DRL	2	DRLIN1	SLIDE F/ 5,777' T/ 5,790" (13'), WOB 40K, PP 1,659 PSI, #1 76 SPM,

Operations Summary Report

Legal Well Name: WRU GB 13G-3-8-22
Common Well Name: WRU GB 13G-3-8-22 Spud Date: 6/12/2008
Event Name: DRILLING Start: 6/10/2008 End: 8/9/2008
Contractor Name: Ensign Drilling USD Rig Release: 8/7/2008 Group:
Rig Name: ENSIGN Rig Number: 57

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
7/9/2008	06:00 - 10:00	4.00	DRL	2	DRLIN1	#2 76 SPM, 474 GPM, MOTOR 109 RPM, DIFF PRESS. 152 PSI. GAMA 69. TURNING DIRECTION TO THE LEFT HOLDING 30 DEGREES OVER CENTER.
	10:00 - 12:00	2.00	DRL	2	DRLIN1	ROTATE F/ 5,790' T/ 5,818' (28') WOB 20, PP 1,655 PSI, #1 74 SPM, #2 73 SPM, 470 GPM, MOTOR 108 RPM, ROTORY 27 RPM, BIT 135 RPM, DIFF PRESS. 121 PSI. TORQUE 259 kFT/LBS. LOST GAMA READING FROM MWD @ 11:15 HRS.
	12:00 - 12:30	0.50	RIG	1	DRLIN1	SERVICE & LUBRICATE RIG.
	12:30 - 04:00	15.50	DRL	2	DRLIN1	ROTATE F/ 5,818' T/ 5,981' (163') AROP 10.5 FPH, WOB 25, PP 1,655 PSI, #1 74 SPM, #2 73 SPM, 470 GPM, MOTOR 108 RPM, ROTORY 27 RPM, BIT 135 RPM, DIFF PRESS. 121 PSI. TORQUE 259 kFT/LBS. REGAIN GAMA READING FROM MWD @ 17:00 HRS.
	04:00 - 04:30	0.50	CIRC	1	DRLIN1	CIRCULATE BOTTOMS UP TO CHECK FORMATION SAMPLES @ 5,981' TMD, DRILL BREAK FROM 14' TO 24' FPH. BROWN SHALE FROM TOP CAP OF G1 LIMESTONE.
	04:30 - 06:00	1.50	DRL	2	DRLIN1	ROTATE F/ 5,981' T/ 6,005' (24') AROP 16 FPH, WOB 25, PP 1,764 PSI, #1 74 SPM, #2 73 SPM, 470 GPM, MOTOR 108 RPM, ROTORY 27 RPM, BIT 135 RPM, DIFF PRESS. 164 PSI. TORQUE 259 kFT/LBS.
7/10/2008	06:00 - 07:00	1.00	DRL	2	DRLIN1	ROTATE F/ 6,005' T/ 6,017' (12') AROP 12 FPH, WOB 22, PP 1,775 PSI, #1 75 SPM, #2 75 SPM, 470 GPM, MOTOR 108 RPM, ROTORY 27 RPM, BIT 135 RPM, DIFF PRESS. 164 PSI. TORQUE 259 kFT/LBS. NOTE: DRILL INTO TOP OF 'G1' LIMESTONE @ 5,990'
	07:00 - 07:30	0.50	CIRC	1	DRLIN1	CIRCULATE BOTTOMS UP TO EVALUATE FORMATION.
	07:30 - 09:30	2.00	DRL	2	DRLIN1	SLIDE F/ 6,017' T/ 6,036" (19'), WOB 43K, PP 1,1568 PSI, #1 74 SPM, #2 75 SPM, 474 GPM, MOTOR 109 RPM, DIFF PRESS. 80 PSI.
	09:30 - 09:45	0.25	DRL	2	DRLIN1	ROTATE F/ 6,036' T/ 6,037' (1') WOB 22, PP 1,775 PSI, #1 75 SPM, #2 75 SPM, 470 GPM, MOTOR 108 RPM, ROTORY 27 RPM, BIT 135 RPM, DIFF PRESS. 164 PSI. TORQUE 259 kFT/LBS.
	09:45 - 10:15	0.50	DRL	2	DRLIN1	SLIDE F/ 6,037' T/ 6,042" (5'), WOB 43K, PP 1,1568 PSI, #1 74 SPM, #2 75 SPM, 474 GPM, MOTOR 109 RPM, DIFF PRESS. 80 PSI.
	10:15 - 10:30	0.25	DRL	2	DRLIN1	ROTATE F/ 6,042' T/ 6,043' (1') DRILL INTO 'G1' LIMESTONE APPROX 53'.
	10:30 - 11:30	1.00	CIRC	1	DRLIN1	CIRCULATE BOTTOMS UP TO CHECK FORMATION, STAND BACK KELLY & BOPE DRILL.
	11:30 - 15:00	3.50	TRP	14	DRLIN1	SHORT TRIP 11 STANDS, KELLY UP @ 5,589' AND REAM TIGHT SPOTS, STAND BACK KELLY. FINISH TIH, KELLY UP AND WASH AND REAM 84' TO BOTTOM.
	15:00 - 17:00	2.00	CIRC	1	DRLIN1	CIRCULATE TWO BOTTOMS UP. SAFETY MEETING W/ CASING L/D & RIG CREWS. R/U L/D EQUIPMENT.
	17:00 - 17:30	0.50	CIRC	1	DRLIN1	DISPLACE 28 BBL LCM PILL W/ 2,318 STROKES.
	17:30 - 18:00	0.50	TRP	2	DRLIN1	TOOH W/ 10 STAND AND STAND BACK IN DERRICK.
	18:00 - 01:00	7.00	TRP	2	DRLIN1	TOOH & L/D 4 1/2" DRILL PIPE. PULL AND L/D ROTATING HEAD ELEMENT, L/D HWDP
	01:00 - 02:00	1.00	TRP	1	DRLIN1	BREAK DOWN KELLY.
	02:00 - 04:00	2.00	TRP	1	DRLIN1	SINGLE DOWN PUSH PIPE, NON-MAG COLLARS, SPACE-OUT SUBS, MWD, MOTOR & BIT. FOUND RUBBER BOTTOM AND THIRD FROM BOTTOM RUBBER STABLIZERS OFF MWD WITH PARTS IN FLOAT ABOVE MOTOR.
	04:00 - 06:00	2.00	CSG	1	DRLIN1	CLEAN FLOOR, SAFETY MEETING W/ WEATHERFORD & ENSIGN CREWS, R.U. CASING EQUIPMENT.
7/11/2008	06:00 - 06:30	0.50	CSG	2	CSGIN1	PULL WEAR BUSHING FROM WELL HEAD, FINISH RIGGING UP CASING CREW.
	06:30 - 14:00	7.50	CSG	2	CSGIN1	CLEAN THREADS ON SHOE TRACK, THREAD LOCK SHOE, ONE JT

Operations Summary Report

Legal Well Name: WRU GB 13G-3-8-22
Common Well Name: WRU GB 13G-3-8-22
Event Name: DRILLING
Contractor Name: Ensign Drilling USD
Rig Name: ENSIGN

Start: 6/10/2008
Rig Release: 8/7/2008
Rig Number: 57

Spud Date: 6/12/2008
End: 8/9/2008
Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
7/11/2008	06:30 - 14:00	7.50	CSG	2	CSGIN1	AND FLOAT COLLAR. SINGLE IN 7" 26#, HCP110, LT&C CASING TO BOTTOM @ 6,042'.
	14:00 - 15:00	1.00	CIRC	1	CSGIN1	R/U CIRCULATING SWEDGE, CIRULATE WELL WHILE RIGGING DOWN CASING CREW. FLUID LOSSES TO WELL 10 / 15 BBLS PER HR.
	15:00 - 22:00	7.00	CIRC	1	CSGIN1	PUMP 25 BBLS @ 15 PPB LCM SWEEP @, 16:00, CIRCULATE AND WORK PIPE, PUMP 50 BBLS @ 15 PPB LCOM SWEEP @ 19:00 HRS, NO ADDITIONAL DRAG WHILE RECEPROCATING CASING. DUE TO HOLE LOSSES AN ADDITIONAL 65 SXS OF LEAD CEMENT WERE ORDERED OUT ALLOWING 100% EXCESS OF LEAD CEMENT. SPOT HALLIBURTON PUMP AND CEMENT TRUCKS.
	22:00 - 23:00	1.00	CMT	2	CSGIN1	SAFETY MEETING W/ HALLIBURTON AND ENSIGN CREWS. R/U CEMENTING HEAD, LOAD WIPER PLUG. PRESSURE TEST LINES TO 4,000 PSI; HELD OKAY.
	23:00 - 03:30	4.50	CMT	2	CSGIN1	PUMP INTERMEDATE CEMENT JOB / PUMP 10 BBLS. WATER, 30 BBLS. SUPERFLUSH @ 9.2 PPG, 10 BBLS. WATER, 256 BBLS. LEAD W/ 11.0 PPG. 380 SACKS, 42 BBLS TAIL W/ 15.8 PPG. 200 SACKS. BUMP PLUG W/ 1200 PSI. HOLD 1350 PSI. FOR 10 MIIN. BLEED BACK FLOATS HELD
	03:30 - 04:30	1.00	CMT	2	CSGIN1	FLUSH BOP'S & R/D HALLIBURTON CEMENTERS
	04:30 - 06:00	1.50	BOP	1	CSGIN1	NIPPLE DOWN BOP'S TO SET 7" CSG. SLIPS
7/12/2008	06:00 - 08:00	2.00	CSG	7	CSGIN1	RU CAMERON, SET CASING SLIPS IN 140K TENSION, NIPPLE DOWN BOPE X WELL HEAD FLANGE. PU STACK, CUT OFF CASING AND BEVEL.
	08:00 - 18:00	10.00	BOP	1	CSGIN1	N/U BOPE WELL HEAD FLANGE, INSTALL TWO NEW RINGS. BREAK OPEN PIPE RAM DOORS, REMOVE 4.5" RAMS, INSTALL 3.5" RAMS, INSTALL NEW DOOR GASKETS, CLOSE DOORS AND TIGHTEN. NIPPLE UP 3.5" KELLY.
	18:00 - 20:30	2.50	BOP	2	CSGIN1	PRESSURE TEST WELL HEAD FLANGE & PIPE RAM DOORS, UPPER KELLY COCK, LOWER KELLY COCK, TIW SAFETY VALVE. TEST PRESSURES 500 PSI / 3,000 PSI.
	20:30 - 23:00	2.50	BOP	1	CSGIN1	INSTALL ENSIGN 'S ROTATING AND FLOW LINE. HAD TO WORK ON BOLT HOLE ALLINEMENT.
	23:00 - 00:00	1.00	SEQ	4	CSGIN1	CHANGE 6" TO 5" PUMP LINERS IN #2 PUMP.
	00:00 - 04:00	4.00	TRP	1	CSGIN1	RACK AND TALLY 60 JTS OF 3.5" DP PUSH PIPE & 75 JTS OF 3.5" HWDP.
	04:00 - 05:00	1.00	TRP	1	CSGIN1	R/U WEATHERFORD LAY DOWN EQUIPMENT.
	05:00 - 06:00	1.00	TRP	1	CSGIN1	P/U SCIENTIFIC DRILLING BHA #6, 6 1/8" PDC MX613, 4 3/4" 1.5 DEGREE ANGLE MOTOR W/ 1.04 GAL/REV. 4/5 LOBE, 6.0 STAGE, 325 GPM MAX RATE. SURFACE TEST MOTOR.
7/13/2008	06:00 - 07:00	1.00	BOP	1	DRLPRO	P/U 1-JT OF 4.5" DP, SET WEAR BUSHING, L/D 4.5" DP.
	07:00 - 10:30	3.50	TRP	1	DRLPRO	P/U AND ORIENT MWD TOOLS / FULL BATTERIES.
	10:30 - 17:00	6.50	TRP	2	DRLPRO	SINGLE IN HOLE W/ BHA #6, (60 JTS 3.5" PUSH PIPE, 75 JTS 3.5" OF HWDP)
	17:00 - 18:30	1.50	TRP	2	DRLPRO	RACK AND STRAP 3.5" DP
	18:30 - 20:00	1.50	TRP	2	DRLPRO	SINGLE IN W/ 3.5" DP, TAG CEMENT TOP @ 5,939'. LANDING COLLAR @ 5,992'.
	20:00 - 20:30	0.50	CIRC	1	DRLPRO	RIG DOWN WHEATHERFORD L/D TRUCK.
	20:30 - 21:00	0.50	EQT	1	DRLPRO	PRESSURE TEST CASING TO 1,500 PSI FOR 15 MIN. HELD GOOD.
	21:00 - 21:30	0.50	TRP	2	DRLPRO	INSTALL ROTATING ELEMENT AND INSTALL CORROSION RING.
	21:30 - 23:00	1.50	DRL	4	DRLPRO	DRILL LANDING COLLAR @ 5,992', ONE JT SHOE TACK, CASING SHOE @ 6,041' AND 5' OF 'G-1' LIMESTONE.
	23:00 - 23:30	0.50	CIRC	1	DRLPRO	CIRCULATE BOTTOMS UP AND CHECK FORMATION SAMPLES

Operations Summary Report

Legal Well Name: WRU GB 13G-3-8-22
Common Well Name: WRU GB 13G-3-8-22
Event Name: DRILLING
Contractor Name: Ensign Drilling USD
Rig Name: ENSIGN

Start: 6/10/2008
Rig Release: 8/7/2008
Rig Number: 57

Spud Date: 6/12/2008
End: 8/9/2008
Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
7/13/2008	23:00 - 23:30	0.50	CIRC	1	DRLPRO	(CEMENT & LIMESTONE).
	23:30 - 00:00	0.50	EQT	2	DRLPRO	F.I.T. TEST FORMATION TO 10 PPG EMW, HELD GOOD FOR 15 MIN.
	00:00 - 04:00	4.00	DRL	2	DRLPRO	ROTATE F/ 6,047' T/ 6,115' (68'), WOB 8.8K, PP 2,056, SPM #1 116, 253 GPM, MOTOR RPM 263, ROTORY 30 RPM, BIT 293 RPM. TAKE SURVEY.
	04:00 - 04:30	0.50	DRL	2	DRLPRO	SLIDE UP F/ 6,115 T/ 6,119' (4') 7.5 WOB PP 1,923, SPM # 114, 248 GPM, MOTOR RPM 258. GAS TOTALS AND OIL SHOWS HAVE DECLINED, LOOKS LIKE WE ARE ALONG BOTTOM OF ZONE.
	04:30 - 06:00	1.50	DRL	2	DRLPRO	ROTATE F/ 6,119' T/ 6,146' (27'), WOB 8.8K, PP 2,056, SPM #1 116, 253 GPM, MOTOR RPM 263, ROTORY 30 RPM, BIT 293 RPM. TAKE SURVEY.
7/14/2008	06:00 - 12:30	6.50	DRL	2	DRLPRO	DIRECTIONAL DRILL: SLIDE F/ 6146' T/ 6151' (5'), ROTATE F/ 6,151' T/ 6,170' (19'), SLIDE F/ 6,170' T/ 6,176') (6'), ROTATE F/ 6,176' T/ 6,183' (7'), SLIDE F/ 6,183' T/ 6,188' (5'), ROTATE F/ 6,188' T/ 6,242' (54'), WOB 10/14K, PP 2,071 PSI, 115 SPM, 248 GPM, MOTOR RPM 258, ROTORY 46, BIT 304 RPM
	12:30 - 13:00	0.50	RIG	1	DRLPRO	SERVICE & LUBRICATE RIG, FUNCTION C.O.M., FUNCTION ANNULAR.
	13:00 - 18:00	5.00	DRL	2	DRLPRO	DIRECTIONAL DRILL LATERAL: ROTATE F/ 6,242 T/ 6,247' (5'), SLIDE F/ 6,247 T/ 6,252' (5'), ROTATE F/ 6,252' T/ 6,294' (42'), SLIDE F/ 6,294' T/ 6,306' (12'), ROTATE F/ 6,306' T/ 6,317' (11'), WOB 9/14K, PP 2,071 PSI, 115 SPM, 248 GPM, MOTOR RPM 258, ROTORY 46, BIT 304 RPM
	18:00 - 01:30	7.50	DRL	2	DRLPRO	DIRECTIONAL DRILL LATERAL: ROTATE F/ 6,317' TO 6,529' (212'), WOB 8/12K, PP 2,307 PSI, 115 SPM, 251 GPM, MOTOR RPM 261, ROTORY 44, BIT 305 RPM, GAMA 18 / 22 CPS.
	01:30 - 02:30	1.00	TRP	14	DRLPRO	SHORT TRIP 6 STANDS (550') INTO CASING SHOE. HOLE CONDITON LOOKS GOOD WITH NO EXCESS DRAG.
	02:30 - 06:00	3.50	DRL	2	DRLPRO	DIRECTIONAL DRILL LATERAL: ROTATE F/ 6,529' TO 6,608' (79'), SLIDE DOWN F/ 6,608' T/ 6,614' (6') ROTATE F/ 6,614 T/ 6,625' (11') WOB 8/12K, PP 2,307 PSI, 115 SPM, 251 GPM, MOTOR RPM 261, ROTORY 44, BIT 305 RPM, GAMA 22 / 24 CPS.
7/15/2008	06:00 - 11:30	5.50	DRL	2	DRLPRO	ROTATE F/ 6,625' T/ 6,758' (133') WOB 13, PP 2,498 PSI, SPM #2 114, GPM 249, DIFF PRESS 168 PSI, TORQUE 157 FT/LBS, GAMA 20.9 CPS, MOTOR 258 RPM, ROTORY 39 RPM, BIT 297 RPM.
	11:30 - 12:00	0.50	DRL	2	DRLPRO	SLIDE F/ 6,758' T/ 6,762' (4') WOB 22, PP 2,301 PSI, SPM #1 115, GPM 251, DIFF PRESS 63 PSI, GAMA 28 CPS, MOTOR 261 RPM,
	12:00 - 12:30	0.50	RIG	1	DRLPRO	SERVICE & LUBRICATE RIG.
	12:30 - 14:00	1.50	DRL	2	DRLPRO	ROTATE F/ 6,762' T/ 6,822' (60') WOB 10, PP 2,498 PSI, SPM #2 114, GPM 249, DIFF PRESS 168 PSI, TORQUE 157 FT/LBS, GAMA 30 CPS, MOTOR 258 RPM, ROTORY 39 RPM, BIT 297 RPM.
	14:00 - 14:30	0.50	DRL	2	DRLPRO	SLIDE F/ 6,822' T/ 6,825' (3') WOB 22, PP 2,336 PSI, SPM #1 114, GPM 251, DIFF PRESS 63 PSI, GAMA 16.5 CPS, MOTOR 260 RPM,
	14:30 - 15:30	1.00	DRL	2	DRLPRO	ROTATE F/ 6,825' T/ 6,854' (29') WOB 10, PP 2,498 PSI, SPM #2 114, GPM 249, DIFF PRESS 168 PSI, TORQUE 157 FT/LBS, GAMA 30 CPS, MOTOR 258 RPM, ROTORY 39 RPM, BIT 297 RPM.
	15:30 - 16:00	0.50	DRL	2	DRLPRO	SLIDE F/ 6,854' T/ 6,858' (4') WOB 27, PP 2,227 PSI, SPM #1 114, GPM 251, DIFF PRESS 63 PSI, GAMA 16.5 CPS, MOTOR 260 RPM,
	16:00 - 21:00	5.00	DRL	2	DRLPRO	ROTATE F/ 6,858' T/ 7,040' (182') WOB 10, PP 2,498 PSI, SPM #2 114, GPM 249, DIFF PRESS 168 PSI, TORQUE 157 FT/LBS, GAMA 24 CPS, MOTOR 258 RPM, ROTORY 39 RPM, BIT 297 RPM.
	21:00 - 22:00	1.00	TRP	14	DRLPRO	SHORT TRIP 550', PULLED 6 STANDS WITH NO ADDTIONAL DRAG.

Operations Summary Report

Legal Well Name: WRU GB 13G-3-8-22
Common Well Name: WRU GB 13G-3-8-22 Spud Date: 6/12/2008
Event Name: DRILLING Start: 6/10/2008 End: 8/9/2008
Contractor Name: Ensign Drilling USD Rig Release: 8/7/2008 Group:
Rig Name: ENSIGN Rig Number: 57

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
7/15/2008	21:00 - 22:00	1.00	TRP	14	DRLPRO	HOLE CONDITION GOOD!
	22:00 - 23:00	1.00	DRL	2	DRLPRO	ROTATE F/ 7,040' T/ 7,055' (15') WOB 10, PP 2,498 PSI, SPM #2 114, GPM 249, DIFF PRESS 168 PSI, TORQUE 157 FT/LBS, GAMA 24 CPS, MOTOR 258 RPM, ROTORY 39 RPM, BIT 297 RPM. DIP INCREASE TO 9.7 - 9.8 DEGREES.
	23:00 - 23:30	0.50	DRL	2	DRLPRO	SLIDE F/ 7,055' T/ 7,059' (4') WOB 29.3, PP 2,227 PSI, SPM #1 114, GPM 251, DIFF PRESS 63 PSI, GAMA 22 CPS, MOTOR 260 RPM,
	23:30 - 01:00	1.50	DRL	2	DRLPRO	ROTATE F/ 7,059' T/ 7,110' (51') WOB 11, PP 2,464 PSI, SPM #2 114, GPM 249, DIFF PRESS 168 PSI, TORQUE 142 FT/LBS, GAMA 23 CPS, MOTOR 258 RPM, ROTORY 33 RPM, BIT 291 RPM.
	01:00 - 01:30	0.50	DRL	2	DRLPRO	SLIDE F/ 7,110' T/ 7,115' (5') WOB 29.5, PP 2,297 PSI, SPM #1 114, GPM 250, DIFF PRESS 63 PSI, GAMA 20 CPS, MOTOR 260 RPM,
	01:30 - 05:00	3.50	DRL	2	DRLPRO	ROTATE F/ 7,115' T/ 7205' (90') WOB 10.7 PP 2,464 PSI, SPM #2 114, GPM 249, DIFF PRESS 168 PSI, TORQUE 142 FT/LBS, GAMA 29 CPS, MOTOR 258 RPM, ROTORY 51 RPM, BIT 309 RPM.
	05:00 - 05:30	0.50	DRL	2	DRLPRO	SLIDE F/ 7,205' T/ 7,209' (4') WOB 29.5, PP 2,297 PSI, SPM #1 114, GPM 250, DIFF PRESS 63 PSI, GAMA 20 CPS, MOTOR 260 RPM, SLIDE DOWN.
	05:30 - 06:00	0.50	DRL	2	DRLPRO	ROTATE F/ 7,209' T/ 7,232' (23') WOB 9.1 PP 2,407 PSI, SPM #2 112, GPM 248, DIFF PRESS 191 PSI, TORQUE 143 FT/LBS, GAMA 33 CPS, MOTOR 257 RPM, ROTORY 50 RPM, BIT 307 RPM.
7/16/2008	06:00 - 10:00	4.00	DRL	2	DRLPRO	ROTATE F/ 7,232' T/ 7,269' (37'), SLIDE F/ 7,269' T/ 7,275 (6'), ROTATE F/ 7,275' T/ 7,295' (20') WOB 25/8 PP 2,310 PSI, SPM #2 114, GPM 249, DIFF PRESS 205 / 65 PSI, TORQUE 143 FT/LBS, GAMA 44 / 60 CPS, MOTOR 258 RPM, ROTORY 52 RPM, BIT 310 RPM.
	10:00 - 10:30	0.50	RIG	1	DRLPRO	SERVICE & LUBRICATE RIG, FUNCTION HYDRIL, SERVICE GENERATOR FOR CAMP.
	10:30 - 17:00	6.50	DRL	2	DRLPRO	ROTATE F/ 7,295' T/ 7,471' (176') WOB 10 PP 2,491 PSI, SPM #2 112, GPM 248, DIFF PRESS 164 PSI, TORQUE 199 FT/LBS, GAMA 61 CPS, MOTOR 257 RPM, ROTORY 50 RPM, BIT 307 RPM.
	17:00 - 18:30	1.50	DRL	2	DRLPRO	SLIDE F/ 7,474' T/ 7,480' (6') WOB 19.2, PP 2,438 PSI, SPM #1 112, GPM 244, DIFF PRESS 63 PSI, GAMA 42 CPS, MOTOR 253 RPM: ABOVE MIDDLE LAYER OF G-'1', TRYING TO GO BELOW MIDDLE LAYER INTO BETTER POROSITY, OIL SHOWS, LOWER GAMA AND HIGHER ROP.
	18:30 - 22:30	4.00	DRL	2	DRLPRO	ROTATE F/ 7,480' T/ 7,565' (85') WOB 8.8 PP 2,491 PSI, SPM #2 112, GPM 245, DIFF PRESS 122 PSI, TORQUE 204 FT/LBS, GAMA 44 CPS, MOTOR 257 RPM, ROTORY 70 RPM, BIT 307 RPM.
	22:30 - 23:00	0.50	DRL	2	DRLPRO	SLIDE F/ 7,565' T/ 7,569' (4') WOB 19.2, PP 2,438 PSI, SPM #1 112, GPM 244, DIFF PRESS 63 PSI, GAMA 44 CPS, MOTOR 253 RPM: ABOVE MIDDLE LAYER OF G-'1' (3.5' THICK), TRYING TO GO BELOW MIDDLE LAYER INTO BETTER POROSITY, HIGHER OIL SHOWS, LOWER GAMA AND HIGHER ROP.
	23:00 - 02:30	3.50	DRL	2	DRLPRO	ROTATE F/ 7,569' T/ 7,646' (77') WOB 8.8 PP 2,491 PSI, SPM #2 112, GPM 245, DIFF PRESS 122 PSI, TORQUE 172 FT/LBS, GAMA 40 CPS, MOTOR 257 RPM, ROTORY 70 / 40 RPM, BIT 307 RPM. ROP INCREASE AND GEOLOGY LOOKS LIKE WE HAVE BROKE THROUGH MIDDLE LAYER INTO BOTTOM OF G-1.
	02:30 - 03:00	0.50	CIRC	1	DRLPRO	CIRCULATE BOTTOMS UP TO CHECK FORMATION SAMPLES.
	03:00 - 04:00	1.00	TRP	14	DRLPRO	SHORT TRIP 7 STANDS (650') OVER PULL 30 TO 40K HOLE CONDITIONS LOOKS GOOD.

Operations Summary Report

Legal Well Name: WRU GB 13G-3-8-22
Common Well Name: WRU GB 13G-3-8-22
Event Name: DRILLING
Contractor Name: Ensign Drilling USD
Rig Name: ENSIGN

Start: 6/10/2008
Rig Release: 8/7/2008
Rig Number: 57

Spud Date: 6/12/2008
End: 8/9/2008
Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
7/16/2008	04:00 - 06:00	2.00	DRL	2	DRLPRO	ROTATE F/ 7,646' T/ 7,678' (32') WOB 7.8 PP 2,457 PSI, SPM #2 111, GPM 243, DIFF PRESS 164 PSI, TORQUE 127 FT/LBS, GAMA 40 CPS, MOTOR 257 RPM, ROTORY 36 RPM, BIT 293 RPM.
7/17/2008	06:00 - 07:30	1.50	DRL	2	DRLIN1	ROTATE DRILL FROM 7678 TO 7715 FEET
	07:30 - 08:00	0.50	DRL	2	DRLIN1	SLIDE DRILL FROM 7715 TO 7719
	08:00 - 12:00	4.00	DRL	2	DRLIN1	ROTATE DRILL FROM 7719 FEET TO 7805 FEET
	12:00 - 12:30	0.50	RIG	1	DRLIN1	RIG SERVICE (SLOW PUMP RATE = #2 PUMP @ 43 SPM= 438 PSI @ 56 SPM= 683 PSI @ 8124 FEET MUD WEIGHT= 9.0 PPG)
	12:30 - 20:30	8.00	DRL	2	DRLIN1	ROTATE DRILL FROM 7805 FEET TO 8029
	20:30 - 21:00	0.50	DRL	2	DRLIN1	SLIDE DRILL FROM 8029 FEET TO 8034 FEET
	21:00 - 23:00	2.00	DRL	2	DRLIN1	ROTATE DRILL FROM 8034 FEET TO 8074 FEET
	23:00 - 00:00	1.00	DRL	2	DRLIN1	SLIDE DRILL FROM 8074 FEET TO 8080 FEET
	00:00 - 04:30	4.50	DRL	2	DRLIN1	ROTATE DRILL FRIM 8080 FEET TO 8156 FEET
	04:30 - 06:00	1.50	TRP	14	DRLIN1	SHORT TRIP 650 FEET SAFETY WASH & REAM 70 FEET TO BOTTOM
7/18/2008	06:00 - 06:30	0.50	REAM	1	DRLPRO	SAFETY WASH & REAM 62 FEET TO BOTTOM
	06:30 - 12:30	6.00	DRL	2	DRLPRO	DIRECTIONAL DRILL FROM 8156 TO 8320 FEET (ROTATE)
	12:30 - 13:30	1.00	DRL	2	DRLPRO	DIRECTIONAL DRILL FROM 8320 FEET TO 8325 FEET (SLIDE)
	13:30 - 14:00	0.50	DRL	2	DRLPRO	DRILL FROM 8325 FEET TO 8348 FEET (ROTATE)
	14:00 - 14:30	0.50	RIG	1	DRLPRO	RIG SERVICE FUNCTION TEST ANNULAR PREVENTOR
	14:30 - 18:00	3.50	DRL	2	DRLPRO	DIRECTIONAL DRILL FROM 8348 FEET TO 8475 FEET (ROTATE)
	18:00 - 22:00	4.00	DRL	2	DRLPRO	DIRECTIONAL DRILL FROM 8475 FEET TO 8563 FEET (ROTATE)
	22:00 - 22:30	0.50	DRL	2	DRLPRO	SLIDE DRILL FROM 8563 TO 8567 FEET
	22:30 - 01:30	3.00	DRL	2	DRLPRO	DRILL FROM 8567 FEET TO 8619 FEET (ROTATE)
	01:30 - 02:00	0.50	DRL	2	DRLPRO	SLIDE DRILL FROM 8619 FEET TO 8625 FEET
	02:00 - 02:30	0.50	DRL	2	DRLPRO	DRILL FROM 8625 FEET TO 8634 FEET (ROTATE)
	02:30 - 04:00	1.50	TRP	14	DRLPRO	SHORT TRIP 654 FEET WASH & REAM 72 FEET TO BOTTOM
	04:00 - 06:00	2.00	DRL	2	DRLPRO	DIRECTIONAL DRILL FROM 8634 FEET TO 8665 FEET
	06:00 -				DRLPRO	SLOW PUMP RATE = #1 PUMP @ 8632 FEET = 43 STKS= 494 PSI @ 56 STKS= 580 PSI MUD WT= 9.1 PPG
7/19/2008	06:00 - 08:00	2.00	DRL	2	DRLPRO	DRILL 6.125" HOLE FROM 8665 FEET TO 8697 FEET (ROTATE)
	08:00 - 08:30	0.50	CIRC	1	DRLPRO	CIRC AND FILL TRIP TANK AND BUILD TRIP 10.1PPG SLUG PUMP SLUG
	08:30 - 17:00	8.50	TRP	2	DRLPRO	TRIP FOR MOTOR AND NEW B.H.A. S.L.M (O.K.) NO CORRECTION
	17:00 - 18:00	1.00	TRP	1	DRLPRO	PICK UP NEW MOTOR, BIT, ORIENTATE M.W.D. TOOLS CHECK MOTOR AT SURFACE (O.K.)
	18:00 - 22:00	4.00	TRP	2	DRLPRO	TRIP IN THE HOLE PICK UP THE AGITATOR AND THE SHOCK SUB
	22:00 - 23:30	1.50	RIG	6	DRLPRO	SLIP AND CUT 200 ' OF DRILLING LINE
	23:30 - 01:30	2.00	TRP	2	DRLPRO	TRIP IN THE HOLE FILL PIPE EVERY 25 STANDS
	01:30 - 02:00	0.50	REAM	1	DRLPRO	SAFETY WASH AND REAM 60 FEET TO BOTTOM (NOTE 5' OF FILL ON BOTTOM)
	02:00 - 03:00	1.00	DRL	2	DRLPRO	SLIDE FROM 8698 FEET TO 8703 FEET
	03:00 - 06:00	3.00	DRL	2	DRLPRO	ROTATE DRILL FROM 8703 FEET TO 8783
7/20/2008	06:00 - 07:00	1.00	DRL	2	DRLPRO	ROTATE DRILL FROM 8783 TO 8800
	07:00 - 07:30	0.50	DRL	2	DRLPRO	SLIDE DRILL FROM 8800 TO 8804 FEET
	07:30 - 09:30	2.00	DRL	2	DRLPRO	ROTATE DRILL FROM 8804 TO 8846 FEET
	09:30 - 10:00	0.50	OTH		DRLPRO	FOCUSED GR TEST
	10:00 - 14:00	4.00	DRL	2	DRLPRO	ROTATE FROM 8846 TO 8948 FEET
	14:00 - 15:00	1.00	DRL	2	DRLPRO	SLIDE FROM 8948 TO 8954 FEET
	15:00 - 15:30	0.50	DRL	2	DRLPRO	ROTATE FROM 8954 TO 8975 FEET
	15:30 - 16:00	0.50	RIG	1	DRLPRO	RIG SERVICE FUNCTION TEST ANNULAR PREVENTER
	16:00 - 20:00	4.00	DRL	2	DRLPRO	ROTATE DRILL FROM 8975 TO 9074 FEET

Operations Summary Report

Legal Well Name: WRU GB 13G-3-8-22
Common Well Name: WRU GB 13G-3-8-22
Event Name: DRILLING
Contractor Name: Ensign Drilling USD
Rig Name: ENSIGN

Start: 6/10/2008
Rig Release: 8/7/2008
Rig Number: 57

Spud Date: 6/12/2008
End: 8/9/2008
Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
7/20/2008	20:00 - 21:00	1.00	DRL	2	DRLPRO	SLIDE FROM 9074 TO 9081 FEET
	21:00 - 01:30	4.50	DRL	2	DRLPRO	ROTATE DRILL FROM 9081 FEET TO 9145 FEET
	01:30 - 02:30	1.00	DRL	2	DRLPRO	SLIDE DRILL FROM 9145 TO 9150 FEET
	02:30 - 06:00	3.50	DRL	2	DRLPRO	ROTATE DRILL FROM 9150 TO 9198 FEET
7/21/2008	06:00 - 09:00	3.00	DRL	2	DRLPRO	ROTATE DIRECTIONAL DRILL FROM 9198 TO 9215 FEET
	09:00 - 10:00	1.00	DRL	2	DRLPRO	SLIDE DRILL FROM 9215 TO 9219 FEET
	10:00 - 11:00	1.00	DRL	2	DRLPRO	ROTATE DRILL FROM 9219 TO 9235 FEET
	11:00 - 12:00	1.00	DRL	2	DRLPRO	SLIDE DRILL FROM 9235 FEET TO 9241 FEET
	12:00 - 13:00	1.00	DRL	2	DRLPRO	ROTATE DRILL FROM 9241 TO 9262 FEET
	13:00 - 14:00	1.00	TRP	14	DRLPRO	SHORT TRIP 7 STANDS
	14:00 - 14:30	0.50	RIG	1	DRLPRO	RIG SERVICE FUNCTION TEST ANNULAR PREVENTOR
	14:30 - 15:00	0.50	DRL	2	DRLPRO	ROTATE DRILL FROM 9262 TO 9267 FEET
	15:00 - 16:30	1.50	DRL	2	DRLPRO	SLIDE DRILL FROM 9267 TO 9273 FEET
	16:30 - 19:30	3.00	DRL	2	DRLPRO	ROTATE DRILL FROM 9273 TO 9300 FEET
	19:30 - 20:30	1.00	DRL	2	DRLPRO	SLIDE DRILL FROM 9300 TO 9305 FEET
	20:30 - 00:00	3.50	DRL	2	DRLPRO	ROTATE FROM 9305 TO 9339 FEET
	00:00 - 02:00	2.00	DRL	2	DRLPRO	SLIDE DRILL FROM 9339 TO 9344 FEET
	02:00 - 06:00	4.00	DRL	2	DRLPRO	ROTATE DRILL FROM 9344 TO 9367
7/22/2008	06:00 - 07:30	1.50	DRL	2	DRLPRO	DIRECTIONAL DRILL FROM 9367 TO 9380 FEET
	07:30 - 08:30	1.00	DRL	2	DRLPRO	SLIDE DRILL FROM 9380 TO 9389 FEET
	08:30 - 09:00	0.50	OTH		DRLPRO	LAY DOWN 2 JOINTS BAD PIN AND BAD BOX
	09:00 - 15:30	6.50	DRL	2	DRLPRO	DRILL FROM 9389 TO 9579 FEET
	15:30 - 16:00	0.50	RIG	1	DRLPRO	RIG SERVICE FUNCTION TEST ANNULAR PREVENTOR
	16:00 - 19:00	3.00	DRL	2	DRLPRO	DRILL FROM 9579 TO 9650 FEET (T.D.)
	19:00 - 20:00	1.00	CIRC	1	DRLPRO	CIRC BOTTOMS UP FOR SHORT TRIP TO THE CASING SHOE
	20:00 - 01:00	5.00	TRP	14	DRLPRO	SHORT TRIP TO CASING SHOE CHECK CROWN-O- MATIC
	01:00 - 02:00	1.00			DRLPRO	PUMP HIGH VIS SWEEP AND CIRC BOTTOMS UP (HOLD PRE JOB SAFETY MEETING AND RIG UP LAY DOWN MACHINE) PUMP TRIP SLUG
	02:00 - 06:00	4.00	TRP	3	DRLPRO	LAY DOWN 105 JOINTS OF DRILL PIPE STAND BACK 25 STANDS OF HWDP AND LAY DOWN 39 JOINTS OF DRILL PIPE TRIP OUT TO DIRECTIONAL TOOLS
7/23/2008	06:00 - 07:00	1.00	TRP	2	DRLPRO	TRIP OUT WITH HWDP
	07:00 - 08:30	1.50	TRP	3	DRLPRO	LAY DOWN 39 JTS OF 3 1/2" DRILL PIPE
	08:30 - 10:30	2.00	TRP	2	DRLPRO	TRIP OUT 27 STANDS OF DRILL PIPE
	10:30 - 12:00	1.50	TRP	1	DRLPRO	BREAK OUT AND LAY DOWN DIRECTIONAL TOOLS
	12:00 - 14:00	2.00	LOG	4	DRLPRO	RIG UP AND RUN WIRELINE GAUGE RING
	14:00 - 16:00	2.00	LOG	4	DRLPRO	RUN IN AND SET RBP AT 5150 FEET
	16:00 - 18:00	2.00	TRP	1	DRLPRO	PICK UP AND ORIENT WHIPSTOCK
	18:00 - 22:00	4.00	TRP	2	DRLPRO	TRIP IN THE HOLE WITH THE WHIPSTOCK
	22:00 - 22:30	0.50	LOG	4	DRLPRO	RIG UP WIRE LINE TRUCK TO SET WHIPSTOCK
	22:30 - 01:30	3.00	LOG	4	DRLPRO	ORIENT AND SET WHIPSTOCK WITH 97000 DOWN AND PULL TEST TO 120000 SET AT 198* AZIMUTH
	01:30 - 02:30	1.00	LOG	4	DRLPRO	PULL WIRE LINE FROM DRILL PIPE AND RIG DOWN WIRE LINE TRUCK PICK UP THE KELLY AND REMOVE ROTATING HEAD DRIVE BUSHING
	02:30 - 06:00	3.50	DRL	7	DRLPRO	CUT WINDOW IN THE 7" CASING @ 5121 FEET S.L.M.
7/24/2008	06:00 - 18:30	12.50	DRL	7	DRLPRO	MILL WINDOW IN 7 " P-110 CASING AT 5121 FEET TO 5129 FEET DRILL RAT HOLE TO 5134 FEET
	18:30 - 20:00	1.50	REAM	1	DRLPRO	REAM THROUGH THE WINDOW AND PUMP A HIGH VIS SWEEP TO SURFACE (RECOVERED A FAIR AMOUNT OF IRON THROUGHOUT MILLING PROCESS)
	20:00 - 23:30	3.50	TRP	10	DRLPRO	TRIP OUT FOR DIRECTIONAL BUILDING ASSEMBLY #1

Operations Summary Report

Legal Well Name: WRU GB 13G-3-8-22
Common Well Name: WRU GB 13G-3-8-22
Event Name: DRILLING
Contractor Name: Ensign Drilling USD
Rig Name: ENSIGN

Start: 6/10/2008
Rig Release: 8/7/2008
Rig Number: 57

Spud Date: 6/12/2008
End: 8/9/2008
Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
7/24/2008	23:30 - 00:00	0.50	OTH		DRLPRO	LAY DOWN MILLING ASSEMBLY AND LOAD OUT SAME
	00:00 - 02:30	2.50	TRP	1	DRLPRO	PICK UP B.H.A. #2 BUILDING ASSEMBLY
	02:30 - 03:30	1.00	OTH		DRLPRO	ORIENT M.W.D. TOOLS AND CASED HOLE SOLUTIONS TOOLS
	03:30 - 06:00	2.50	TRP	1	DRLPRO	TRIP IN THE HOLE WITH PUSH PIPE (DRILL PIPE)AND HWDP
7/25/2008	06:00 - 08:00	2.00	DRL	2	DRLPRO	TRIP IN THE HOLE WITH BUILDING ASSEMBLY #1
	08:00 - 10:00	2.00	SUR	1	DRLPRO	RUN IN THE HOLE WITH A GYRO SURVEY TOOL
	10:00 - 11:30	1.50	DRL	2	DRLPRO	SLIDE DRILL FROM 5134 TO 5162 FEET
	11:30 - 12:00	0.50	RIG	1	DRLPRO	RIG SERVICE AND FUNCTION ANNULAR PREVENTOR
	12:00 - 13:30	1.50	SUR	1	DRLPRO	RU WIRELINE RUN GYRO SURVEY
	13:30 - 14:00	0.50	DRL	2	DRLPRO	SLIDE DRILL FROM 5162 TO 5188 FEET
	14:00 - 20:30	6.50	SUR	1	DRLPRO	RUN GYRO SURVEY AND RE RIG THE GOOSE NECK TO RUN WIRELINE THROUGH TO SURVEY WHILE SLIDING
	20:30 - 01:00	4.50	DRL	2	DRLPRO	SLIDE DRILL FROM 5188 TO 5226 FEET
	01:00 - 03:00	2.00	SUR	1	DRLPRO	PULL GYRO FROM THE WELL AND MAKE A CONNECTION RUN GYRO BACK TO THE MULE SHOE
	03:00 - 06:00	3.00	DRL	2	DRLPRO	SLIDE DRILL FROM 5226 TO 5258
7/26/2008	06:00 - 07:00	1.00	DRL	2	DRLPRO	RIG DOWN AND LOAD OUT GYRO TOOLS AND WIRE LINE TRUCK
	07:00 - 13:30	6.50	DRL	2	DRLPRO	SLIDE DRILL FROM 5258 TO 5322 FEET
	13:30 - 14:00	0.50	RIG	1	DRLPRO	RIG SERVICE FUNCTION TEST PIPE RAMS & H.C.R. VALVE
	14:00 - 18:00	4.00	DRL	2	DRLPRO	SLIDE DRILL FROM 5322 TO 5335 FEET
	18:00 - 19:00	1.00	DRL	2	DRLPRO	SLIDE DRILL FROM 5335 TO 5338 FEET
	19:00 - 23:00	4.00	TRP	2	DRLPRO	TRIP OUT TO REBEND MOTOR FROM 2.38 TO 1.83
	23:00 - 00:30	1.50	OTH		DRLPRO	CHANGE BIT AND REBEND THE MUD MOTOR TO 1.83 DEGREES
	00:30 - 04:00	3.50	TRP	2	DRLPRO	TRIP IN THE HOLE WITH B.H.A. #3 WASH AND REAM 60 FEET TO BOTTOM WITH 5 FEET OF FILL
	04:00 - 06:00	2.00	DRL	2	DRLPRO	ORINATE MOTOR AND SLIDE DRILL FROM 5338 TO 5351
7/27/2008	06:00 - 12:30	6.50	DRL	2	DRLPRO	SLIDE DRILL FROM 5351 TO 5413 FEET (62 FEET)
	12:30 - 13:00	0.50	RIG	1	DRLPRO	RIG SERVICE AND FUNCTION ANNULAR PREVENTOR
	13:00 - 13:30	0.50	DRL	2	DRLPRO	ROTATE DRILL FROM 5445 TO 5451 FEET = (6 FEET)
	13:30 - 18:00	4.50	DRL	2	DRLPRO	SLIDE DRILL FROM 5451 TO 5465 FEET (=14 FEET)
	18:00 - 19:30	1.50	DRL	2	DRLPRO	SLIDE DRILL FROM 5465 TO 5477 FEET (= 12 FEET)
	19:30 - 20:30	1.00	DRL	2	DRLPRO	ROTATE DRILL FROM 5477 TO 5484 FEET (= 7 FEET)
	20:30 - 23:00	2.50	DRL	2	DRLPRO	SLIDE DRILL FROM 5484 TO 5509 FEET = (25 FEET)
	23:00 - 00:00	1.00	DRL	2	DRLPRO	ROTATE DRILL FROM 5509 TO 5514 FEET = (5 FEET)
	00:00 - 06:00	6.00	DRL	2	DRLPRO	SLIDE DRILL FROM 5514 TO 5550 FEET = (36 FEET)
7/28/2008	06:00 - 12:00	6.00	DRL	2	DRLPRO	SLIDE DRILL FROM 5550 TO 5592 FEET
	12:00 - 12:30	0.50	TRP	14	DRLPRO	SHORT TRIP PULL 4 STANDS
	12:30 - 14:00	1.50	DRL	2	DRLPRO	SLIDE DRILL FROM 5592 TO 5602 FEET
	14:00 - 14:30	0.50	RIG	1	DRLPRO	RIG SERVICE & FUNCTION THE PIPE RAMS
	14:30 - 06:00	15.50	DRL	2	DRLPRO	SLIDE DRILL FROM 5602 TO 5742
7/29/2008	06:00 - 09:00	3.00	DRL	2	DRLPRO	SLIDE DRILL FROM 5742 TO 5764 FEET
	09:00 - 10:00	1.00	DRL	2	DRLPRO	ROTATE DRILL FROM 5764 TO 5774 FEET = 10 FEET
	10:00 - 11:00	1.00	DRL	2	DRLPRO	SLIDE DRILL FROM 5774 TO 5781 FEET
	11:00 - 12:00	1.00	TRP	14	DRLPRO	SHORT TRIP 6 STANDS FROM 5781 FEET TO 5220 FEET
	12:00 - 13:30	1.50	DRL	2	DRLPRO	SLIDE DRILL FROM 5781 TO 5796 FEET
	13:30 - 14:00	0.50	RIG	1	DRLPRO	RIG SERVICE
	14:00 - 14:30	0.50	DRL	2	DRLPRO	ROTATE DRILL FROM 5796 TO 5804 FEET = 8 FEET
	14:30 - 06:00	15.50	DRL	2	DRLPRO	SLIDE DRILL FROM 5804 TO 5880 (TOTAL FOR 24HRS ROTATE 18'
7/30/2008	06:00 - 08:00	2.00	DRL	2	DRLPRO	SLIDE DRILL FROM 5880 TO 5898 FEET
	08:00 - 14:00	6.00	DRL	2	DRLPRO	ROTATE DRILL FROM 5898 TO 5987 FEET
	14:00 - 14:30	0.50	RIG	1	DRLPRO	RIG SERVICE AND FUNCTION PIPE RAMS
	14:30 - 18:30	4.00	DRL	2	DRLPRO	ROTATE DRILL FROM 5987 6056 FEET
	18:30 - 20:00	1.50	DRL	2	DRLPRO	SLIDE DRILL FROM 6056 TO 6064 FEET = (8 FEET)

Operations Summary Report

Legal Well Name: WRU GB 13G-3-8-22
Common Well Name: WRU GB 13G-3-8-22 — Spud Date: 6/12/2008
Event Name: DRILLING — Start: 6/10/2008 — End: 8/9/2008
Contractor Name: Ensign Drilling USD — Rig Release: 8/7/2008 — Group:
Rig Name: ENSIGN — Rig Number: 57

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
7/30/2008	20:00 - 21:30	1.50	DRL	2	DRLPRO	ROTATE DRILL FROM 6064 TO 6096 FEET, (GAMMA RAY READING ERATIC WHILE ROTATING)
	21:30 - 22:30	1.00	DRL	2	DRLPRO	SLIDE DRILL FROM 6096 TO 6102 FEET =(6 FEET)
	22:30 - 05:00	6.50	DRL	2	DRLPRO	ROTATE DRILL FROM 6102 TO 6211 FEET
	05:00 - 06:00	1.00	TRP	2	DRLPRO	PUMP TRIP SLUG AND TRIP FOR B.H.A.
7/31/2008	06:00 - 09:00	3.00	DRL	2	DRLPRO	TRIP OUT WITH BIT #10
	09:00 - 11:30	2.50	DRL	3	DRLPRO	CHANGE OUT DIRECTIONAL TOOLS,MUD MTR.,P/U SHOCK TOOL,AGITATOR,AND ADDED 54 JT'S OF PUSH PIPE BELOW THE SHWDP. FUNCTION BLINDS ON TRIP
	11:30 - 12:00	0.50	RIG	1	DRLPRO	RIG SERVICE,FUNCTION PIPE RAMS
	12:00 - 15:30	3.50	TRP	2	DRLPRO	T.I.H WITH BIT # 11
	15:30 - 18:00	2.50	REAM	1	DRLPRO	WORK TIGHT HOLE FROM 5660' TO 5850',HOLE BRIDGED OFF,TORKING,HAD 1" LONG SLIVERS OF SHALE AT SHAKERS TOOK A LITTLE TIME TO CLEAN UP HOLE SECTION
	18:00 - 19:00	1.00	REAM	1	DRLPRO	WASH & REAM FROM 6181' TO 6211' (30')
	19:00 - 20:00	1.00	DRL	2	DRLPRO	SLIDE F/ 6211' TO 6221'
	20:00 - 20:30	0.50	DRL	2	DRLPRO	ROTATING F/ 6221' TO 6273'
	20:30 - 23:30	3.00	DRL	2	DRLPRO	SLIDE F/ 6273' TO 6285'
	23:30 - 01:00	1.50	DRL	2	DRLPRO	ROTATING F/ 6285' TO 6309'
	01:00 - 01:30	0.50	DRL	2	DRLPRO	SLIDE F/ 6309' TO 6314'
	01:30 - 03:30	2.00	DRL	2	DRLPRO	ROTATING F/ 6314' TO 6362'
	03:30 - 05:00	1.50	DRL	2	DRLPRO	SLIDE F/ 6362' TO 6372'
	05:00 - 06:00	1.00	DRL	2	DRLPRO	ROTATING F/ 6372' TO 6389' SLIDE = 37' TOTAL / ROTATING = 141' TOTAL
8/1/2008	06:00 - 07:30	1.50	DRL	2	DRLPRO	ROTATING F/ 6389' TO 6426' - 37'
	07:30 - 08:30	1.00	DRL	2	DRLPRO	SLIDE F/ 6426' TO 6432' - 6'
	08:30 - 12:00	3.50	DRL	2	DRLPRO	ROTATING F/ 6432' TO 6549' - 117'
	12:00 - 12:30	0.50	RIG	1	DRLPRO	RIG SERVICE
	12:30 - 16:30	4.00	DRL	2	DRLPRO	ROTATING F/ 6549' TO 6650' - 101'
	16:30 - 17:30	1.00	DRL	1	DRLPRO	SLIDE F/ 6650' TO 6659' - 9'
	17:30 - 18:30	1.00	DRL	1	DRLPRO	ROTATING F/ 6659' TO 6714' - 55'
	18:30 - 19:00	0.50	CIRC	5	DRLPRO	CIRCULATE UP SAMPLES PRIOR TO SHORT TRIP AT 6714'
	19:00 - 20:00	1.00	TRP	14	DRLPRO	SHORT TRIP UP TO 6160' AND BACK TO BOTTOM
	20:00 - 20:30	0.50	DRL	2	DRLPRO	SLIDE F/ 6714' TO 6720' - 6'
	20:30 - 22:00	1.50	DRL	1	DRLPRO	ROTATING F/ 6720' TO 6746' - 26'
	22:00 - 22:30	0.50	DRL	2	DRLPRO	SLIDE F/ 6746' TO 6754' - 8'
	22:30 - 23:00	0.50	DRL	1	DRLPRO	ROTATING F/ 6754' TO 6778' - 24'
	23:00 - 23:30	0.50	DRL	2	DRLPRO	SLIDE F/ 6778' TO 6786' - 8'
	23:30 - 00:30	1.00	DRL	1	DRLPRO	ROTATING F/ 6786' TO 6810'
	00:30 - 01:30	1.00	DRL	2	DRLPRO	SLIDE F/ 6810' TO 6822' - 12'
	01:30 - 06:00	4.50	DRL	1	DRLPRO	ROTATING F/ 6822' TO 6905' - 83'
8/2/2008	06:00 - 06:30	0.50	DRL	2	DRLPRO	SLIDE F/ 6905' TO 6917' - 12'
	06:30 - 08:30	2.00	DRL	2	DRLPRO	ROTATING F/ 6917' TO 6970' - 53'
	08:30 - 09:30	1.00	DRL	2	DRLPRO	SLIDE F/ 6970' TO 6976' - 6'
	09:30 - 12:00	2.50	DRL	2	DRLPRO	ROTATING F/ 6976' TO 7065' - 89'
	12:00 - 13:00	1.00	DRL	2	DRLPRO	SLIDE F/ 7065' TO 7071' - 6'
	13:00 - 13:30	0.50	RIG	1	DRLPRO	RIG SERVICE
	13:30 - 18:00	4.50	DRL	2	DRLPRO	SLIDE F/ 7071' TO 7179' - 108'
	18:00 - 19:30	1.50	DRL	2	DRLPRO	ROTATING F/ 7179' TO 7220' - 41'(WOB 8/10,RPM 60,SPM 112,PSI 2800 AT 245 GPM)
	19:30 - 20:00	0.50	CIRC	5	DRLPRO	CIRCULATE BTMS UP FOR SAMPLES PRIOR TO SHORT TRIP
	20:00 - 21:00	1.00	TRP	14	DRLPRO	SHORT TRIP TO 6671' AND BACK TO BTM,HOLE WAS IN GOOD CONDITION WITH NORMAL DRAG AND NO TIGHT SPOTS.

Operations Summary Report

Legal Well Name: WRU GB 13G-3-8-22
Common Well Name: WRU GB 13G-3-8-22
Event Name: DRILLING
Contractor Name: Ensign Drilling USD
Rig Name: ENSIGN

Start: 6/10/2008
Rig Release: 8/7/2008
Rig Number: 57

Spud Date: 6/12/2008
End: 8/9/2008
Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
8/2/2008	21:00 - 00:00	3.00	DRL	2	DRLPRO	ROTATING F/ 7220' TO 7327' - 41'(WOB 8/10,RPM 60,SPM 112,PSI 2800 AT 245 GPM)
	00:00 - 00:30	0.50	DRL	2	DRLPRO	SLIDE F/ 7327' TO 7335' - 8'
	00:30 - 04:00	3.50	DRL	2	DRLPRO	ROTATING F/ 7335' TO 7447' - 112'(WOB 8/10,RPM 60,SPM 112,PSI 2800 AT 245 GPM)
	04:00 - 05:00	1.00	DRL	2	DRLPRO	SLIDE F/ 7447' TO 7453' -6'
	05:00 - 06:00	1.00	DRL	2	DRLPRO	ROTATING F/ 7447" TO 7488' - 41'(WOB 8/10,RPM 60,SPM 112,PSI 2800 AT 245 GPM)
8/3/2008	06:00 - 12:00	6.00	TRP	2	DRLPRO	TRIP OUT OF HOLE F/ 7488' TO BIT #11
	12:00 - 13:30	1.50	TRP	1	DRLPRO	L/D MOTOR & BIT / P/U NEW MOTOR & BIT #12 / SURFACE TEST MOTOR & INSTALL MWD
	13:30 - 14:30	1.00	TRP	2	DRLPRO	T.I.H F/ SURFACE TO 1568' - 15 STDS PUSH PIPE
	14:30 - 15:00	0.50	TRP	1	DRLPRO	INSTALL AGITATOR, SHOCK SUB & SURFACE TEST
	15:00 - 18:30	3.50	TRP	2	DRLPRO	TRIP IN HOLE F/ 1589' TO 7418'
	18:30 - 19:00	0.50	REAM	1	DRLPRO	WASH TO BTM 7418' TO 7488' (70')
	19:00 - 21:00	2.00	DRL	2	DRLPRO	ROTATE F/ 7488' TO 7545' (57 FT. @ 28.5 FPH) WOB 5 ,RPM 60,SPM 112 AT 2800 PSI
	21:00 - 21:30	0.50	RIG	1	DRLPRO	RIG SERVICE
	21:30 - 00:00	2.50	RIG	2	DRLPRO	REPLACE INPUT CHAIN TO ROTARY SPROCKET DRIVE
	00:00 - 00:30	0.50	DRL	2	DRLPRO	ROTATE F/ 7445' TO 7550' (WOB 5,RPM 60,SPM 110 AT 2800 PSI)
	00:30 - 01:00	0.50	DRL	2	DRLPRO	SLIDE F/ 7550' TO 7555' - 5'
	01:00 - 03:00	2.00	DRL	2	DRLPRO	ROTATE F/ 7555' TO 7610' (55 FT. @ 27.5 FPH) WOB 5 ,RPM 60,SPM 112 AT 2800 PSI
	03:00 - 03:30	0.50	DRL	2	DRLPRO	SLIDE F/ 7610' TO 7614' - 4'
	03:30 - 06:00	2.50	DRL	2	DRLPRO	ROTATE F/ 7614' TO 7666'(52 FT. @ 20.8 FPH) WOB 5,RPM 65,SPM 110 AT 2850 PSI
8/4/2008	06:00 - 11:00	5.00	DRL	2	DRLPRO	ROTATING F/ 7666' TO 7799' (133' @ 26.6 FPH) WOB 8, RPM 60, SPM 111 @ 2850 PSI
	11:00 - 12:00	1.00	DRL	2	DRLPRO	SLIDE F/ 7799' TO 7806' - 7'
	12:00 - 13:00	1.00	DRL	2	DRLPRO	ROTATING F/ 7805' TO 7835' (30' @ 30 FPH) WOB 8, RPM 60, SPM 111 @ 2800 PSI
	13:00 - 13:30	0.50	DRL	2	DRLPRO	SLIDE F/ 7835' TO 7840' - 5'
	13:30 - 14:30	1.00	DRL	2	DRLPRO	ROTATING F/ 7840" TO 7857' (17' @ 17 FPH) WOB 8, RPM 60, SPM 112 @ 2762 PSI
	14:30 - 15:00	0.50	RIG	1	DRLPRO	RIG SERVICE/FUNCTION PIPE RAMS
	15:00 - 16:30	1.50	DRL	2	DRLPRO	ROTATING F/ 7857' TO 7889' (32' @ 32 FPH) WOB 8, RPM 60, SPM 112 @ 2793 PSI
	16:30 - 17:00	0.50	DRL	2	DRLPRO	SLIDE F/ 7889' TO 7895' - 6'
	17:00 - 19:30	2.50	DRL	2	DRLPRO	ROTATING F/ 7895' TO 7968' (73' @ 29.2 FPH) WOB 8, RPM 60, SPM 110 @ 2900 PSI
	19:30 - 20:00	0.50	DRL	2	DRLPRO	SLIDE F/ 7968' TO 7974' - 6'
	20:00 - 21:30	1.50	DRL	2	DRLPRO	ROTATING F/ 7974' TO 8017' (43' @ 28.6 FPH) WOB 8, RPM 60, SPM 110 @ 2900 PSI
	21:30 - 22:00	0.50	CIRC	5	DRLPRO	CIRCULATE BTMS UP FOR SAMPLES
	22:00 - 23:00	1.00	TRP	14	DRLPRO	SHORT TRIP TO 7400 FT.(HAD A TIGHT SPOT AT 7493')
	23:00 - 03:30	4.50	DRL	2	DRLPRO	ROTATING F/ 8017' TO 8148' (131' @ 29.11 FPH) WOB 8, RPM 60, SPM 110 @ 2900 PSI
	03:30 - 04:00	0.50	DRL	2	DRLPRO	SLIDE F/ 8148' TO 8154' - 6'
8/5/2008	06:00 - 12:30	6.50	DRL	2	DRLPRO	ROTATING F/ 8207' TO 8374' (167' @ 25.6'/HR.) WOB 8, RPM 60, SPM 112 @ 2950 PSI
	12:30 - 13:30	1.00	DRL	2	DRLPRO	SLIDE F/ 8374' TO 8381' - 7'
	13:30 - 15:30	2.00	DRL	2	DRLPRO	ROTATING F/ 8381' TO 8431' (50' @ 25'/HR.) WOB 8, RPM 60, SPM 111 @ 2990

Operations Summary Report

Legal Well Name: WRU GB 13G-3-8-22
Common Well Name: WRU GB 13G-3-8-22
Event Name: DRILLING
Contractor Name: Ensign Drilling USD
Rig Name: ENSIGN

Start: 6/10/2008
Rig Release: 8/7/2008
Rig Number: 57

Spud Date: 6/12/2008
End: 8/9/2008
Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
8/5/2008	15:30 - 16:00	0.50	RIG	1	DRLPRO	RIG SERVICE
	16:00 - 19:00	3.00	DRL	2	DRLPRO	ROTATING F/ 8431' TO 8527' (WOB 8,RPM 65,SPM 108 AT 3100 PSI,238 GPM)
	19:00 - 19:30	0.50	CIRC	7	DRLPRO	CIRCULATE BOTTOMS UP (SAMPLES) PRIOR TO SHORT TRIP
	19:30 - 20:30	1.00	TRP	14	DRLPRO	SHORT TRIP TO 7987' AND BACK TO BTM,NO TIGHT SPOTS,DRAG WAS NORMAL
	20:30 - 22:00	1.50	DRL	2	DRLPRO	ROTATING F/ 8527' TO 8563 (36' @ 24.0 FPH) (WOB 8,RPM 65,SPM 108 AT 3100 PSI,238 GPM)
	22:00 - 22:30	0.50	DRL	2	DRLPRO	SLIDE F/ 8563' TO 8570' - 7'
	22:30 - 01:30	3.00	DRL	2	DRLPRO	ROTATING F/ 8570' TO 8660' (90' @ 30.0 FPH) (WOB 8,RPM 65,SPM 108 AT 3100 PSI,238 GPM)
	01:30 - 02:00	0.50	DRL	2	DRLPRO	SLIDE F/ 8660' TO 8664' - 4'
	02:00 - 04:00	2.00	DRL	2	DRLPRO	ROTATING F/ 8664' TO 8722' (58' @ 29'/HR.) WOB 8, RPM 65, SPM 110 @ 3142 PSI. 240 GPM
	04:00 - 05:00	1.00	DRL	2	DRLPRO	SLIDE F/ 8722' TO 8724' - 2'
	05:00 - 06:00	1.00	DRL	2	DRLPRO	ROTATING F/ 8724' TO 8735' (11' @ 11'/HR.) WOB 8, RPM 65, SPM 110 @ 3142 PSI. 240 GPM
8/6/2008	06:00 - 06:30	0.50	DRL	2	DRLPRO	SLIDE F/ 8735' TO 8739' - 4'
	06:30 - 13:00	6.50	DRL	2	DRLPRO	ROTATING F/ 8739' TO 8912' (173' @ 26.6 FPH)WOB 8,RPM 65,SPM 110 @ 3200 PSI @ 240 GPM
	13:00 - 13:30	0.50	DRL	2	DRLPRO	SLIDE F/ 8912' TO 8914' - 2'
	13:30 - 14:00	0.50	DRL	2	DRLPRO	ROTATING F/ 8914' TO 8939' (25' @ 50 FPH)WOB 8,RPM 65,SPM 110 @ 3200 PSI @ 240 GPM
	14:00 - 14:30	0.50	RIG	1	DRLPRO	RIG SERVICE
	14:30 - 18:00	3.50	DRL	2	DRLPRO	ROTATING F/ 8939' TO 9000' (61' @ 17.42 FPH)WOB 8,RPM 65,SPM 110 @ 3200 PSI @ 240 GPM
	18:00 - 19:00	1.00	CIRC	1	DRLPRO	CIRCULATE
	19:00 - 22:00	3.00	TRP	2	DRLPRO	TRIP OUT TO 5017'
	22:00 - 23:30	1.50	RIG	6	DRLPRO	CUT DRILLING LINE
	23:30 - 02:30	3.00	TRP	2	DRLPRO	TRIP BACK TO BOTTOM
	02:30 - 04:30	2.00	CIRC	1	DRLPRO	CIRCULATE & RECIPROCATE PIPE
	04:30 - 06:00	1.50	TRP	2	DRLPRO	TRIP OUT TO RUN 4.5 PRODUCTION CASING
8/7/2008	06:00 - 12:00	6.00	TRP	2	DRLPRO	FINISH TRIP OUT
	12:00 - 13:30	1.50	TRP	1	DRLPRO	LAY DOWN DIRECTIONAL TOOLS
	13:30 - 15:00	1.50	CSG	1	DRLPRO	HELD SAFETY MTG. WITH ALL PERSONNEL AND RIG UP CASING CREW
	15:00 - 21:00	6.00	CSG	2	DRLPRO	RAN 1 GUIDE SHOE,64 JT'S;PERFERATED 4.5,LT&C;P110;11.60# WITH 16 JT'S OF BLANK 4.5,LT&C;P110 11.60# WITH LINER ADAPTER,TOP OF LINER ADAPTER AT 5139',CASING SHOE AT 8600'
	21:00 - 06:00	9.00	TRP	3	DRLPRO	LAY DOWN DRILL PIPE AND SHWDP,BREAK KELLY
8/8/2008	06:00 - 08:00	2.00	TRP	3	DRLPRO	LAY DOWN DRILL STRING
	08:00 - 09:00	1.00	CSG	1	DRLPRO	RIG DOWN LAY DOWN MACHINE
	09:00 - 09:30	0.50	TRP	2	DRLPRO	PULL WEAR RING
	09:30 - 13:30	4.00	OTH		DRLPRO	LAY DOWN KELLY, DUMP, & CLEAN ALL MUD TANKS EXCEPT THE SUCTION TANK (WHILE WAITING ON CASED HOLE SOLUTIONS (WIRELINE TRUCK) TO RUN & SET RETREIVABLE BRIDGE PLUG
	13:30 - 16:30	3.00	LOG	4	DRLPRO	RIG UP WIRELINE, 1ST. RUN GAUGE RING/JUNK BASKET, 2ND. RUN & SET WEATHERFORD WIRELINE RETREIVABLE BRIDGE PLUG (SET @ 4621' TOP OF CCL 4610'
	16:30 - 18:00	1.50	LOC	7	DRLPRO	FINISH CLEANING MUD SYSTEM

QUESTAR

Operations Summary Report

Legal Well Name: WRU GB 13G-3-8-22
Common Well Name: WRU GB 13G-3-8-22
Event Name: DRILLING
Contractor Name: Ensign Drilling USD
Rig Name: ENSIGN

Start: 6/10/2008
Rig Release: 8/7/2008
Rig Number: 57

Spud Date: 6/12/2008
End: 8/9/2008
Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
8/8/2008	18:00 - 22:00	4.00	BOP	1	DRLPRO	NIPPLE DOWN BOP'S // RIG RELEASED @ 22:00 ON 8/7/2008
	22:00 - 06:00	8.00	LOC	4	DRLPRO	RIG DOWN BACK YARD, FLOOR EQUIPMENT & TOOLS, PRE-PAIR RIG FOR TRUCKS THIS MORNNING

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QUESTAR

Operations Summary Report

Legal Well Name: WRU GB 13G-3-8-22
Common Well Name: WRU GB 13G-3-8-22
Event Name: COMPLETION
Contractor Name:
Rig Name:

Start: 8/18/2008
Rig Release:
Rig Number:

Spud Date: 6/12/2008
End:
Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
8/14/2008	06:00 - 16:00	10.00	BOP	1		Initial Completion Report. On 8/14/08 @ 7:00 AM move on location and RU RMWS #3. ND WH & NU BOP's. PU & RIH w/ 6-1/8" bit, 7" csg scraper & 94 jts 2-7/8" work string to 3040'. SWIFN. Lock rams. SDFN @ 3:00 PM. Csg Size: 4-1/2" Slotted Liner Csf Depth: 8500' MD (Open Hole 9002')
8/16/2008	06:00 - 16:00	10.00	TRP	2		Completion Report On 8/15/08 @ 7:00 AM - Finish RIH w/ bit & scraper, tag 7" RBP @ 4610'. Circulate drilling mud out of well with 150 bbls 2% KCL. POOH w/ bit & scraper. SDFWE @ 3:00 PM. 24 Hour Forecast: Run CBL, POOH with RBP, RIH w/ work string to TD. Csg Size: 4-1/2" Slotted Liner Csf Depth: 8500' MD (Open Hole 9002')
8/19/2008	06:00 - 16:00	10.00	LOG	4		Completion Report 8/18/08 @ 7:00 AM - RU Lone Wolf WL, run CBL from top of RBP @ 4610' to 250'. TOC @ 500', RD WL. RIH w/ 2-7/8" tbg & RBP retrieving tool, release RBP and POOH. PU & RIH w/ 3-7/8" bit on 2-3/8" work string to 3200'. SDFN @ 4:30 PM. 24 Hour Forecast: RIH w/ work string & bit to TD. Csg Size: 4-1/2" Slotted Liner Csf Depth: 8500' MD (Open Hole 9002')
8/20/2008	06:00 - 16:00	10.00	TRP	1		Completion Report On 8-19-08 7:00 AM Finish RIH with a 3 7/8" bit, bit sub, 121 joints 2-3/8" tubing and 2 7/8" tubing. Rotate into 4 1/2" liner @ 5139', RIH and tag 4 1/2" guide shoe @ 8570', RU power swivel and drill up shoe. Clean out open hole to 8900', tubing is starting to torque up because of drag. Pull tubing up into liner at 7320', SDFN 3:00 PM. 24 Hour Forecast: Acidize Csg Size: 4-1/2" Slotted Liner Csf Depth: 8500' MD (Open Hole 9002')
8/21/2008	06:00 - 16:00	10.00	TRP	1		Completion Report On 8-20-08 7:00 AM RIH with 3 7/8" bit, bit sub, and tubing to 8870'. RU Superior Wells Services and pump 5000 gallons 15% HCL, packing was leaking on the pump, shut down after first stage and brought out replacement pump truck. Displace acid with 65 bbls 2% KCL and 10 bbls 10# brine. Pull tubing up to 8000', pump second stage of truck. Displace acid with 65 bbls 2% KCL and 10 bbls 10# brine. Pull tubing

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DIV. OF OIL, GAS & MINING

Operations Summary Report

Legal Well Name: WRU GB 13G-3-8-22
Common Well Name: WRU GB 13G-3-8-22 — Spud Date: 6/12/2008
Event Name: COMPLETION — Start: 8/18/2008 — End:
Contractor Name: — Rig Release: — Group:
Rig Name: — Rig Number:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
8/21/2008	06:00 - 16:00	10.00	TRP	1		up to 8000', pump second stage of 5000 gallons 15% HCL, displace acid with 65 bbls 2% KCL and 10 bbls 10# brine, pull up to 7484'. Pump third 5000 gallons 15% HCL, displace acid with 65 bbls 2% KCL and 10 bbls 10# brine. pull up to 7484'. Pump third stage, 4000 gallons 15% HCL, displace with 65 bbls 2% KCL and 10 bbls 10# Brine pull to 6966'. SDFN 6:00 PM 24 Hour Forecast: Finish Acid Job Csg Size: 4-1/2" Slotted Liner Csf Depth: 8500' MD (Open Hole 9002')
8/22/2008	06:00 - 16:00	10.00	STIM	1		Completion Report On 8-21-08 7:00 AM Open well, RU Superior Wells Services and pump 4000 gal. 15% HCL, displace acid with 40 bbls 2% KCL and 10 bbls 10# brine. Pull tubing up to 6514', pump 4000 gallons 15% HCL, displace acid with 40 bbls 2% KCL and 10 bbls 10# brine. POOH laying down workstring and bit. SDFN 4:00 PM'. 24 Hour Forecast: Run production tubing. Csg Size: 4-1/2" Slotted Liner Csf Depth: 8500' MD (Open Hole 9002')
8/23/2008	06:00 - 16:00	10.00	LOC	2		Completion Report On 8-22-08 7:00 AM Open well, PU, talley and rabbit in hole with 2-7/8" tubing (see detail). ND BOP, set 7" B-2 TAC with #12000 tension. NU WH, RU swab equipment. Made 20 swab runs, recovered 100 bbls fluid, IFL 450' FFL 650', fluid entry rate = 30 bbls/hr. Final oil cut 20% SWIFW 4:00 PM 24 Hour Forecast: Run rods and pump Csg Size: 4-1/2" Slotted Liner Csf Depth: 8500' MD (Open Hole 9002') Tubing Detail: (Final) KB 17.00 Stretch 1.00 160 Jnts 2-7/8" Tubing 5049.83 PSN 1.10 7" B-2 TAC 2.33 1 Jnt 2 7/8" Tubing w/B-N-C 32.03 Tubing tail @: 5103.29
8/26/2008	06:00 - 16:00	10.00	HOT	1		Completion Report On 8-25-08 7:00 AM Open well, RU hotoiler, flush tubing with 70 bbls chemical water. PU and bucket test new pump "OK", RIH with rods and pump, seat and space out, fill tubing with 2 bbls water. Long stroke pump to 600 psi good test, good pump action. Clamp of polish rod 12"

QUESTAR

Operations Summary Report

Legal Well Name: WRU GB 13G-3-8-22
Common Well Name: WRU GB 13G-3-8-22 Spud Date: 6/12/2008
Event Name: COMPLETION Start: 8/18/2008 End:
Contractor Name: Rig Release: Group:
Rig Name: Rig Number:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
8/26/2008	06:00 - 16:00	10.00	HOT	1		above tag, RD service unit and moce to edge of location] SDFN 3:00 PM. FINAL REPORT Csg Size: 4-1/2" Slotted Liner Csf Depth: 8500' MD (Open Hole 9002') Tubing Detail: (Final) KB 17.00 Stretch 1.00 160 Jnts 2-7/8" Tubing 5049.83 PSN 1.10 7" B-2 TAC 2.33 1 Jnt 2 7/8" Tubing w/B-N-C 32.03 Tubing tail @: 5103.29 Rod Detail: (Final) Pump: 1 1/2" x 26' Polish Rod Weatherford 1 -8', 1 -6', 1 -4', 1 -2' x 7/8" Ponys 2 1/2" x 1-3/4" x 20 x 20 x 21 67 -7/8" Slick RHAC #2339 134 -3/4" Slick

UTAH DIVISION OF OIL, GAS AND MINING

NOTICE OF REPORTING PROBLEMS

Operator: Questar Exploration & Production Co Account: N5085 Today's Date: 10/23/2008

Problems:

- [x] Late Report(s)
- [ ] Inaccurate Report(s)
- [ ] Incomplete Report(s)
- [ ] Other: _____

Failure to submit reports in a timely, accurate, and complete manner may 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.

To avoid compliance action, these reporting problems should be resolved within 7 days.

Send reports to:

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

Fax to:

(801) 359-3940

43-047-39792
3 8S 22E
WRU GB 13G-3-8-22

Type of Report	Month(s) of Problem Report
[ ] Production – Form 10 [ ] Disposition – Form 11 [ ] Gas Plant – Form 13 [ ] Enhanced Recovery – UIC Form 2 [ ] Injection – UIC Form 3 [ ] Other _____	

Type of Report	Well Name(s)	API Number(s)	Drilling Commenced
[ ] Spud Notice – Form 9 [x] Drilling Reports – Form 9 [ ] Well Completion Report – Form 8 [ ] Other _____	[x] List Attached		

Description of Problem:

Per R649-3-6 2.4 The operator shall submit a monthly status report for each drilling well on Form 9, Sundry Notice and Reports on Wells. The report should include the well depth and a description of the operations conducted on the well during the month.

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

cc: Compliance File
RAM
Well File
CHD

UTAH DIVISION OF OIL, GAS AND MINING

NOTICE OF REPORTING PROBLEMS

ATTACHMENT

Operator: Questar Exploration & Production Co Account: N5085 Today's Date: 10/23/2008

Well Names	API Numbers	Drilling Commenced
RWS 8D-5-9-24	4304737307	01/11/2008
RW 04-25B	4304736982	02/05/2008
SCS 5C-32-14-19	4304738963	03/17/2008
FR 4P-21-14-20	4304739811	03/30/2008
WV 7BD-23-8-21	4304739044	04/12/2008
GB 15D-27-8-21	4304739662	04/26/2008
Brennan 1	4304715417	05/28/2008
WRU GB 13G-3-8-22	4304739792	06/08/2008
GD 1G-34-9-15	4301333827	06/13/2008
GD 16G-35-9-15	4301333833	06/13/2008

Form 3160-4
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

CONFIDENTIAL

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
UTU-0971A (BH)

1a. Type of Well ☑ Oil Well ☐ Gas Well ☐ Dry ☐ Other
b. Type of Completion: ☑ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.,
Other: Horizontal

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

7. Unit or CA Agreement Name and No.
WHITE RIVER

2. Name of Operator
Questar Exploration & Production Co.

8. Lease Name and Well No.
WRU GB 13G 3 8 22

3. Address 11002 EAST 17500 SOUTH - VERNAL, UT 84078

3a. Phone No. (include area code)
435.781.4342 - Dahn Caldwell

9. AFI Well No.
43-047-39792

4. Location of Well (Report location clearly and in accordance with Federal requirements)*

At surface 553' FSL, 638' FWL, SWSW, SEC 3-T8S-R22E
S-09 T08S R22E NESE
LAT 1, BHL-2880 FNL 0671 FEL TD 9003 MD 5546 TVD

At top prod. interval reported below 5584 TVD
TD 9650 MD LAT 1, BHL-0499 FNL 0923 FEL

At total depth 400' FNL, 800' FEL, NENE, SEC 10-T8S-R22E NENE S-10 T08S R22E

10. Field and Pool or Exploratory
GLEN BENCH

11. Sec., T., R., M., on Block and Survey or Area
SURF - SEC 3-T8S-R22E
BOTTOM: SEC 10-T8S-R22E

12. County or Parish
UINTAH

13. State
UT

14. Date Spudded
06/08/2008

15. Date T.D. Reached
07/21/2008

16. Date Completed 08/30/2008
☐ D & A ☑ Ready to Prod.

17. Elevations (DF, RKB, RT, GL)*
5138' KB

18. Total Depth: MD 9000' & 9650'
TVD 5548' & 5592'

19. Plug Back T.D.: MD ~~8900'~~
TVD

20. Depth Bridge Plug Set: MD
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
~~None~~ GR - 100' MD; GR - 5' MD

22. Was well cored? ☑ No ☐ Yes (Submit analysis)
Was DST run? ☑ No ☐ Yes (Submit report)
Directional Survey? ☐ No ☑ Yes (Submit copy)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12-1/4"	9-5/8"	36#		517'		250 SXS		SURF - CIRC	
8-3/4"	7"	26#		6043' MD		520 SXS		SURF - Unk	
6-1/8"	4-1/2"	11.6#		8570'		0		SURF - Unk	

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2-7/8"	5333'	N/A			N/A			

25. Producing Intervals

Formation	Top	Bottom
A) GREEN RIVER		
B)		
C)		
D)		

26. Perforation Record

Perforated Interval	Size	No. Holes	Perf. Status
N/A			

27. Acid, Fracture, Treatment, Cement Squeeze, etc.

Depth Interval	Amount and Type of Material
LATERAL 2 - 5139' - 8570' MD	Acidized w/ 27,000 gals of 15% HCL Acid
LATERAL 1 - 6043' - 9650'	Acidized w/ 26,000 gals of 15% HCL Acid

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
8/29/08	9/4/08	24	→	160	0	83			PUMPING

Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status
	150	10	→					PRODUCING

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						

Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status
			→					

*(See instructions and spaces for additional data on page 2)

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28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	

29. Disposition of Gas *(Solid, used for fuel, vented, etc.)*
SOLD

30. Summary of Porous Zones (Include Aquifers):

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.

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top Meas. Depth
UINTAH	SURFACE				
GREEN RIVER	3262'				
G-1 LIME	5864'				

32. Additional remarks (include plugging procedure):

No Open Hole Logs and therefore no Mahogany top to report.

33. Indicate which items have been attached by placing a check in the appropriate boxes:

- ☐ Electrical/Mechanical Logs (1 full set req'd.)
- ☐ Geologic Report
- ☐ DST Report
- ☑ Directional Survey
- ☐ Sundry Notice for plugging and cement verification
- ☐ Core Analysis
- ☐ Other:

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*

Name *(please print)* JIM SIMONTON Title COMPLETION SUPERVISOR

Signature Jim Simonton (dbc) Date 11/26/2008

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.

(Continued on page 3)

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Questar E & P

Deviation Summary

Well Name: WRU GB 13G-3-8-22
TMD: 8,950.0 (ft) TVD: 5,548.04 (ft)
Closure Distance: 3,606.0 (ft) Closure Direction: 199.43 (°)

Location: 3- 8-S 22-E 26
Spud Date: 6/12/2008
Calculation Method: Minimum Curvature

S/T #	V.S. AZI (°)
OH	103.95
01	199.17

S/T #	TMD (ft)	Angle (°)	Azimuth (°)	CTM	TVD (ft)	N/-S (ft)	E/-W (ft)	Vert. Section (ft)	DLS (°/100ft)	BUR (°/100ft)	Type
OH	397.0	0.13	157.21	YNN	397.00	-0.42	0.17	0.27	0.03	0.03	GSS
OH	446.0	0.25	110.91	YNN	446.00	-0.50	0.30	0.41	0.38	0.24	GSS
OH	477.0	0.27	113.60	YNN	477.00	-0.56	0.43	0.55	0.08	0.06	GSS
OH	508.0	0.26	123.69	YNN	508.00	-0.63	0.55	0.69	0.15	-0.03	GSS
OH	538.0	0.10	272.97	YNN	538.00	-0.66	0.58	0.72	1.17	-0.53	GSS
OH	569.0	0.10	280.74	YNN	569.00	-0.66	0.53	0.67	0.04	0.00	GSS
OH	600.0	0.73	264.78	YNN	600.00	-0.67	0.31	0.46	2.05	2.03	GSS
OH	684.0	1.52	277.51	YNN	683.98	-0.57	-1.33	-1.16	0.98	0.94	MWD
OH	715.0	1.91	275.47	YNN	714.97	-0.47	-2.25	-2.07	1.27	1.26	MWD
OH	745.0	2.35	286.91	YNN	744.95	-0.24	-3.34	-3.18	2.03	1.47	MWD
OH	776.0	2.82	288.56	YNN	775.91	0.18	-4.67	-4.58	1.53	1.52	MWD
OH	806.0	2.86	288.78	YNN	805.88	0.66	-6.08	-6.06	0.14	0.13	MWD
OH	836.0	2.81	283.67	YNN	835.84	1.08	-7.50	-7.54	0.86	-0.17	MWD
OH	867.0	3.27	284.07	YNN	866.80	1.47	-9.10	-9.18	1.49	1.48	MWD
OH	897.0	3.73	284.23	YNN	896.74	1.92	-10.87	-11.02	1.53	1.53	MWD
OH	928.0	3.68	282.91	YNN	927.68	2.39	-12.82	-13.02	0.32	-0.16	MWD
OH	958.0	3.81	286.17	YNN	957.61	2.88	-14.72	-14.98	0.83	0.43	MWD
OH	989.0	3.74	286.07	YNN	988.55	3.45	-16.68	-17.02	0.23	-0.23	MWD
OH	1,020.0	3.49	273.29	YNN	1,019.48	3.78	-18.59	-18.95	2.71	-0.81	MWD
OH	1,051.0	3.45	275.21	YNN	1,050.43	3.92	-20.46	-20.80	0.40	-0.13	MWD
OH	1,082.0	3.49	277.15	YNN	1,081.37	4.12	-22.33	-22.66	0.40	0.13	MWD
OH	1,113.0	3.24	278.85	YNN	1,112.32	4.37	-24.13	-24.47	0.87	-0.81	MWD
OH	1,144.0	3.40	275.88	YNN	1,143.27	4.60	-25.91	-26.26	0.76	0.52	MWD
OH	1,175.0	3.24	277.79	YNN	1,174.21	4.82	-27.69	-28.04	0.63	-0.52	MWD
OH	1,206.0	3.30	277.88	YNN	1,205.16	5.06	-29.44	-29.79	0.19	0.19	MWD
OH	1,237.0	3.36	274.37	YNN	1,236.11	5.25	-31.23	-31.58	0.69	0.19	MWD
OH	1,268.0	3.22	273.91	YNN	1,267.06	5.38	-33.01	-33.33	0.46	-0.45	MWD
OH	1,300.0	3.07	275.44	YNN	1,299.01	5.52	-34.76	-35.06	0.54	-0.47	MWD
OH	1,331.0	3.09	277.11	YNN	1,329.97	5.70	-36.41	-36.71	0.30	0.06	MWD
OH	1,362.0	3.16	275.30	YNN	1,360.92	5.88	-38.09	-38.39	0.39	0.23	MWD
OH	1,393.0	3.27	271.93	YNN	1,391.87	5.99	-39.83	-40.10	0.71	0.35	MWD
OH	1,424.0	3.19	272.01	YNN	1,422.82	6.05	-41.57	-41.81	0.26	-0.26	MWD
OH	1,455.0	3.06	275.20	YNN	1,453.78	6.16	-43.26	-43.47	0.70	-0.42	MWD

CONFIDENTIAL

Deviation Summary

Well Name: WRU GB 13G-3-8-22
TMD: 8,950.0 (ft) TVD: 5,548.04 (ft)
Closure Distance: 3,606.0 (ft) Closure Direction: 199.43 (°)

Location: 3- 8-S 22-E 26
Spud Date: 6/12/2008
Calculation Method: Minimum Curvature

S/T #	V.S. AZI (°)
OH	103.95
01	199.17

S/T #	TMD (ft)	Angle (°)	Azimuth (°)	CTM	TVD (ft)	N/-S (ft)	E/-W (ft)	Vert. Section (ft)	DLS (°/100ft)	BUR (°/100ft)	Type
OH	1,486.0	3.11	277.93	YNN	1,484.73	6.35	-44.92	-45.12	0.50	0.16	MWD
OH	1,517.0	3.30	275.76	YNN	1,515.68	6.56	-46.64	-46.84	0.73	0.61	MWD
OH	1,549.0	3.38	277.10	YNN	1,547.63	6.76	-48.49	-48.69	0.35	0.25	MWD
OH	1,580.0	3.49	273.63	YNN	1,578.57	6.94	-50.34	-50.52	0.76	0.35	MWD
OH	1,611.0	3.46	278.44	YNN	1,609.52	7.13	-52.20	-52.38	0.95	-0.10	MWD
OH	1,642.0	3.39	274.74	YNN	1,640.46	7.35	-54.04	-54.22	0.75	-0.23	MWD
OH	1,673.0	3.58	276.52	YNN	1,671.40	7.53	-55.92	-56.08	0.71	0.61	MWD
OH	1,704.0	3.62	273.38	YNN	1,702.34	7.70	-57.86	-58.01	0.65	0.13	MWD
OH	1,735.0	3.50	271.87	YNN	1,733.28	7.79	-59.78	-59.89	0.49	-0.39	MWD
OH	1,766.0	3.52	268.76	YNN	1,764.22	7.80	-61.68	-61.74	0.62	0.06	MWD
OH	1,797.0	3.65	271.77	YNN	1,795.16	7.81	-63.61	-63.62	0.74	0.42	MWD
OH	1,829.0	3.71	272.46	YNN	1,827.10	7.88	-65.67	-65.63	0.23	0.19	MWD
OH	1,860.0	3.72	269.96	YNN	1,858.03	7.93	-67.67	-67.59	0.52	0.03	MWD
OH	1,891.0	3.65	270.53	YNN	1,888.97	7.94	-69.67	-69.52	0.25	-0.23	MWD
OH	1,922.0	3.39	271.45	YNN	1,919.91	7.97	-71.57	-71.38	0.86	-0.84	MWD
OH	1,953.0	3.44	270.73	YNN	1,950.85	8.00	-73.42	-73.18	0.21	0.16	MWD
OH	1,984.0	3.55	269.79	YNN	1,981.80	8.01	-75.31	-75.02	0.40	0.35	MWD
OH	2,015.0	3.66	266.31	YNN	2,012.74	7.94	-77.25	-76.89	0.79	0.35	MWD
OH	2,046.0	3.35	270.47	YNN	2,043.68	7.89	-79.15	-78.71	1.29	-1.00	MWD
OH	2,077.0	3.32	265.99	YNN	2,074.63	7.83	-80.95	-80.45	0.85	-0.10	MWD
OH	2,108.0	3.19	261.23	YNN	2,105.58	7.64	-82.69	-82.10	0.97	-0.42	MWD
OH	2,139.0	3.29	266.22	YNN	2,136.53	7.45	-84.43	-83.74	0.96	0.32	MWD
OH	2,170.0	3.03	264.46	YNN	2,167.48	7.31	-86.14	-85.36	0.90	-0.84	MWD
OH	2,201.0	2.89	258.73	YNN	2,198.44	7.08	-87.72	-86.84	1.06	-0.45	MWD
OH	2,232.0	2.99	261.98	YNN	2,229.40	6.81	-89.29	-88.30	0.63	0.32	MWD
OH	2,263.0	2.91	258.17	YNN	2,260.36	6.54	-90.86	-89.75	0.68	-0.26	MWD
OH	2,294.0	2.93	261.31	YNN	2,291.32	6.26	-92.41	-91.19	0.52	0.06	MWD
OH	2,326.0	2.52	260.53	YNN	2,323.28	6.02	-93.91	-92.59	1.29	-1.28	MWD
OH	2,326.0	2.52	260.53	YNN	2,323.28	6.02	-93.91	-92.59	0.00	0.00	MWD
OH	2,357.0	2.00	246.51	YNN	2,354.25	5.69	-95.08	-93.65	2.44	-1.68	MWD
OH	2,388.0	2.07	251.13	YNN	2,385.24	5.29	-96.11	-94.55	0.58	0.23	MWD
OH	2,450.0	1.88	244.61	YNN	2,447.20	4.50	-98.09	-96.28	0.47	-0.31	MWD
OH	2,481.0	1.76	241.82	YNN	2,478.18	4.05	-98.97	-97.02	0.48	-0.39	MWD

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Deviation Summary

Well Name: WRU GB 13G-3-8-22
TMD: 8,950.0 (ft) TVD: 5,548.04 (ft)
Closure Distance: 3,606.0 (ft) Closure Direction: 199.43 (°)

Location: 3- 8-S 22-E 26
Spud Date: 6/12/2008
Calculation Method: Minimum Curvature

S/T #	V.S. AZI (°)
OH	103.95
01	199.17

S/T #	TMD (ft)	Angle (°)	Azimuth (°)	CTM	TVD (ft)	N/-S (ft)	E/-W (ft)	Vert. Section (ft)	DLS (°/100ft)	BUR (°/100ft)	Type
OH	2,512.0	1.42	237.65	YNN	2,509.17	3.62	-99.71	-97.64	1.16	-1.10	MWD
OH	2,543.0	1.17	217.78	YNN	2,540.16	3.17	-100.23	-98.04	1.65	-0.81	MWD
OH	2,574.0	0.95	206.36	YNN	2,571.16	2.69	-100.54	-98.22	0.98	-0.71	MWD
OH	2,605.0	0.54	199.69	YNN	2,602.16	2.32	-100.70	-98.29	1.35	-1.32	MWD
OH	2,636.0	1.08	177.81	YNN	2,633.15	1.89	-100.74	-98.22	1.98	1.74	MWD
OH	2,668.0	0.65	178.84	YNN	2,665.15	1.41	-100.72	-98.09	1.34	-1.34	MWD
OH	2,699.0	1.09	189.81	YNN	2,696.14	0.94	-100.77	-98.02	1.51	1.42	MWD
OH	2,730.0	1.16	186.30	YNN	2,727.14	0.34	-100.85	-97.96	0.32	0.23	MWD
OH	2,761.0	0.85	167.40	YNN	2,758.13	-0.20	-100.84	-97.82	1.45	-1.00	MWD
OH	2,823.0	1.07	178.41	YNN	2,820.13	-1.23	-100.72	-97.45	0.46	0.35	MWD
OH	2,885.0	0.80	163.08	YNN	2,882.12	-2.22	-100.58	-97.08	0.59	-0.44	MWD
OH	2,947.0	1.01	167.52	YNN	2,944.11	-3.17	-100.33	-96.61	0.36	0.34	MWD
OH	3,010.0	1.04	173.17	YNN	3,007.10	-4.28	-100.15	-96.16	0.17	0.05	MWD
OH	3,072.0	1.20	175.49	YNN	3,069.09	-5.48	-100.03	-95.76	0.27	0.26	MWD
OH	3,134.0	0.84	151.08	YNN	3,131.08	-6.53	-99.76	-95.24	0.90	-0.58	MWD
OH	3,196.0	0.71	143.78	YNN	3,193.07	-7.23	-99.31	-94.64	0.26	-0.21	MWD
OH	3,258.0	0.51	67.05	YNN	3,255.07	-7.44	-98.83	-94.12	1.25	-0.32	MWD
OH	3,320.0	0.77	97.12	YNN	3,317.07	-7.38	-98.16	-93.49	0.67	0.42	MWD
OH	3,382.0	0.34	223.75	YNN	3,379.06	-7.57	-97.88	-93.17	1.63	-0.69	MWD
OH	3,444.0	0.77	326.53	YNN	3,441.06	-7.35	-98.23	-93.56	1.46	0.69	MWD
OH	3,507.0	1.17	227.96	YNN	3,504.06	-7.43	-98.94	-94.24	2.37	0.63	MWD
OH	3,569.0	1.10	225.75	YNN	3,566.04	-8.27	-99.84	-94.90	0.13	-0.11	MWD
OH	3,631.0	1.22	232.17	YNN	3,628.03	-9.09	-100.79	-95.63	0.29	0.19	MWD
OH	3,693.0	0.94	208.62	YNN	3,690.02	-9.94	-101.55	-96.16	0.84	-0.45	MWD
OH	3,755.0	1.43	221.12	YNN	3,752.01	-10.97	-102.31	-96.64	0.89	0.79	MWD
OH	3,817.0	1.07	215.80	YNN	3,813.99	-12.02	-103.15	-97.21	0.61	-0.58	MWD
OH	3,880.0	0.96	209.81	YNN	3,876.98	-12.96	-103.76	-97.58	0.24	-0.17	MWD
OH	3,942.0	1.40	231.53	YNN	3,938.97	-13.88	-104.61	-98.18	1.00	0.71	MWD
OH	4,004.0	0.81	213.16	YNN	4,000.96	-14.72	-105.44	-98.79	1.10	-0.95	MWD
OH	4,066.0	0.68	214.65	YNN	4,062.95	-15.39	-105.89	-99.06	0.21	-0.21	MWD
OH	4,128.0	0.87	231.86	YNN	4,124.95	-15.98	-106.47	-99.48	0.48	0.31	MWD
OH	4,191.0	1.57	223.20	YNN	4,187.93	-16.90	-107.44	-100.20	1.15	1.11	MWD
OH	4,284.0	2.35	214.87	YNN	4,280.88	-19.40	-109.40	-101.50	0.89	0.84	MWD

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Deviation Summary

Well Name: WRU GB 13G-3-8-22
TMD: 8,950.0 (ft) TVD: 5,548.04 (ft)
Closure Distance: 3,606.0 (ft) Closure Direction: 199.43 (°)

Location: 3- 8-S 22-E 26
Spud Date: 6/12/2008
Calculation Method: Minimum Curvature

S/T #	V.S. AZI (°)
OH	103.95
01	199.17

S/T #	TMD (ft)	Angle (°)	Azimuth (°)	CTM	TVD (ft)	N/-S (ft)	E/-W (ft)	Vert. Section (ft)	DLS (°/100ft)	BUR (°/100ft)	Type
OH	4,315.0	2.33	212.58	YNN	4,311.85	-20.45	-110.10	-101.93	0.31	-0.06	MWD
OH	4,377.0	1.66	204.89	YNN	4,373.81	-22.33	-111.16	-102.50	1.16	-1.08	MWD
OH	4,440.0	0.60	186.19	YNN	4,436.80	-23.48	-111.58	-102.63	1.76	-1.68	MWD
OH	4,502.0	0.78	205.02	YNN	4,498.80	-24.19	-111.79	-102.67	0.46	0.29	MWD
OH	4,564.0	0.98	176.07	YNN	4,560.79	-25.10	-111.94	-102.58	0.78	0.32	MWD
OH	4,626.0	0.98	180.09	YNN	4,622.78	-26.16	-111.90	-102.29	0.11	0.00	MWD
OH	4,688.0	0.67	244.08	YNN	4,684.77	-26.85	-112.23	-102.45	1.47	-0.50	MWD
OH	4,751.0	0.64	204.99	YNN	4,747.77	-27.33	-112.71	-102.80	0.70	-0.05	MWD
OH	4,813.0	0.56	216.34	YNN	4,809.77	-27.88	-113.03	-102.98	0.23	-0.13	MWD
OH	4,875.0	0.71	208.83	YNN	4,871.76	-28.46	-113.40	-103.19	0.28	0.24	MWD
OH	4,937.0	1.01	206.44	YNN	4,933.76	-29.29	-113.83	-103.41	0.49	0.48	MWD
OH	4,999.0	1.09	200.02	YNN	4,995.75	-30.33	-114.27	-103.59	0.23	0.13	MWD
OH	5,061.0	1.13	204.40	YNN	5,057.73	-31.44	-114.73	-103.76	0.15	0.06	MWD
OH	5,152.0	1.19	200.08	YNN	5,148.72	-33.15	-115.42	-104.03	0.12	0.07	MWD
OH	5,184.0	2.08	147.82	YNN	5,180.70	-33.95	-115.23	-103.64	5.15	2.78	MWD
OH	5,214.0	4.84	129.92	YNN	5,210.65	-35.23	-113.96	-102.11	9.77	9.20	MWD
OH	5,245.0	8.10	122.98	YNN	5,241.45	-37.25	-111.13	-98.87	10.80	10.52	MWD
OH	5,276.0	10.67	127.67	YNN	5,272.03	-40.20	-107.02	-94.18	8.64	8.29	MWD
OH	5,307.0	13.45	130.05	YNN	5,302.34	-44.27	-101.99	-88.31	9.11	8.97	MWD
OH	5,338.0	16.79	130.64	YNN	5,332.26	-49.51	-95.83	-81.07	10.79	10.77	MWD
OH	5,369.0	19.62	130.29	YNN	5,361.71	-55.79	-88.46	-72.41	9.14	9.13	MWD
OH	5,400.0	23.16	128.93	YNN	5,390.57	-62.99	-79.75	-62.21	11.53	11.42	MWD
OH	5,431.0	27.41	128.73	YNN	5,418.59	-71.29	-69.44	-50.20	13.71	13.71	MWD
OH	5,462.0	31.66	128.39	YNN	5,445.56	-80.81	-57.49	-36.31	13.72	13.71	MWD
OH	5,494.0	35.49	125.37	YNN	5,472.22	-91.41	-43.32	-20.01	13.05	11.97	MWD
OH	5,525.0	40.21	126.65	YNN	5,496.69	-102.60	-27.95	-2.39	15.43	15.23	MWD
OH	5,556.0	46.17	128.22	YNN	5,519.28	-115.50	-11.12	17.05	19.53	19.23	MWD
OH	5,587.0	52.04	129.30	YNN	5,539.57	-130.17	7.14	38.31	19.12	18.94	MWD
OH	5,618.0	58.71	129.95	YNN	5,557.17	-146.43	26.77	61.28	21.59	21.52	MWD
OH	5,649.0	64.44	128.21	YNN	5,571.92	-163.60	47.93	85.96	19.13	18.48	MWD
OH	5,680.0	68.76	123.46	YNN	5,584.24	-180.23	70.99	112.35	19.79	13.94	MWD
OH	5,711.0	73.11	116.58	YNN	5,594.37	-194.86	96.35	140.48	25.23	14.03	MWD
OH	5,742.0	79.50	113.15	YNN	5,601.71	-207.50	123.66	170.04	23.24	20.61	MWD

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Deviation Summary

Well Name: WRU GB 13G-3-8-22
TMD: 8,950.0 (ft) TVD: 5,548.04 (ft)
Closure Distance: 3,606.0 (ft) Closure Direction: 199.43 (°)

Location: 3- 8-S 22-E 26
Spud Date: 6/12/2008
Calculation Method: Minimum Curvature

S/T #	V.S. AZI (°)
OH	103.95
01	199.17

S/T #	TMD (ft)	Angle (°)	Azimuth (°)	CTM	TVD (ft)	N/-S (ft)	E/-W (ft)	Vert. Section (ft)	DLS (°/100ft)	BUR (°/100ft)	Type
OH	5,773.0	85.35	114.71	YNN	5,605.79	-219.97	151.74	200.29	19.52	18.87	MWD
OH	5,805.0	86.78	115.32	YNN	5,607.99	-233.46	180.67	231.62	4.86	4.47	MWD
OH	5,835.0	86.74	114.81	YNN	5,609.69	-246.15	207.80	261.01	1.70	-0.13	MWD
OH	5,866.0	86.34	114.84	YNN	5,611.56	-259.14	235.88	291.40	1.29	-1.29	MWD
OH	5,898.0	86.67	114.36	YNN	5,613.51	-272.44	264.92	322.79	1.82	1.03	MWD
OH	5,929.0	87.24	114.54	YNN	5,615.15	-285.25	293.10	353.23	1.93	1.84	MWD
OH	5,960.0	87.39	115.32	YNN	5,616.61	-298.31	321.18	383.62	2.56	0.48	MWD
OH	5,991.0	87.08	113.99	YNN	5,618.10	-311.22	349.32	414.05	4.40	-1.00	MWD
OH	6,065.0	91.01	112.64	YNN	5,619.34	-340.50	417.26	487.04	5.62	5.31	MWD
OH	6,097.0	91.65	112.12	YNN	5,618.59	-352.68	446.84	518.68	2.58	2.00	MWD
OH	6,129.0	92.69	112.14	YNN	5,617.38	-364.73	476.46	550.33	3.25	3.25	MWD
OH	6,161.0	91.65	111.48	YNN	5,616.17	-376.61	506.15	582.01	3.85	-3.25	MWD
OH	6,193.0	89.70	111.09	YNN	5,615.79	-388.22	535.96	613.74	6.21	-6.09	MWD
OH	6,225.0	89.60	111.01	YNN	5,615.99	-399.71	565.82	645.50	0.40	-0.31	MWD
OH	6,257.0	88.32	110.33	YNN	5,616.57	-411.01	595.76	677.27	4.53	-4.00	MWD
OH	6,289.0	88.82	109.98	YNN	5,617.37	-422.03	625.79	709.07	1.91	1.56	MWD
OH	6,321.0	90.10	109.72	YNN	5,617.67	-432.90	655.89	740.90	4.08	4.00	MWD
OH	6,352.0	90.03	109.32	YNN	5,617.63	-443.25	685.10	771.76	1.31	-0.23	MWD
OH	6,384.0	90.20	109.63	YNN	5,617.57	-453.92	715.27	803.61	1.10	0.53	MWD
OH	6,416.0	90.47	108.94	YNN	5,617.38	-464.49	745.48	835.47	2.32	0.84	MWD
OH	6,448.0	90.27	109.09	YNN	5,617.18	-474.92	775.73	867.34	0.78	-0.63	MWD
OH	6,480.0	90.10	108.08	YNN	5,617.07	-485.12	806.06	899.24	3.20	-0.53	MWD
OH	6,512.0	90.54	108.64	YNN	5,616.89	-495.19	836.43	931.14	2.23	1.38	MWD
OH	6,544.0	90.81	108.76	YNN	5,616.52	-505.45	866.74	963.03	0.92	0.84	MWD
OH	6,576.0	90.91	108.24	YNN	5,616.04	-515.61	897.08	994.92	1.65	0.31	MWD
OH	6,608.0	90.03	106.99	YNN	5,615.77	-525.29	927.58	1,026.86	4.78	-2.75	MWD
OH	6,640.0	89.16	107.41	YNN	5,616.00	-534.75	958.15	1,058.80	3.02	-2.72	MWD
OH	6,672.0	89.46	106.79	YNN	5,616.39	-544.16	988.73	1,090.75	2.15	0.94	MWD
OH	6,704.0	89.53	106.80	YNN	5,616.67	-553.41	1,019.36	1,122.71	0.22	0.22	MWD
OH	6,736.0	90.03	107.59	YNN	5,616.79	-562.87	1,049.93	1,154.66	2.92	1.56	MWD
OH	6,768.0	91.24	107.51	YNN	5,616.44	-572.51	1,080.44	1,186.60	3.79	3.78	MWD
OH	6,800.0	91.78	106.73	YNN	5,615.59	-581.93	1,111.01	1,218.53	2.96	1.69	MWD
OH	6,832.0	92.05	106.64	YNN	5,614.52	-591.11	1,141.65	1,250.48	0.89	0.84	MWD

CONFIDENTIAL

Deviation Summary

Well Name: WRU GB 13G-3-8-22
TMD: 8,950.0 (ft) TVD: 5,548.04 (ft)
Closure Distance: 3,606.0 (ft) Closure Direction: 199.43 (°)

Location: 3- 8-S 22-E 26
Spud Date: 6/12/2008
Calculation Method: Minimum Curvature

S/T #	V.S. AZI (°)
OH	103.95
01	199.17

S/T #	TMD (ft)	Angle (°)	Azimuth (°)	CTM	TVD (ft)	N/-S (ft)	E/-W (ft)	Vert. Section (ft)	DLS (°/100ft)	BUR (°/100ft)	Type
OH	6,864.0	91.31	106.33	YNN	5,613.59	-600.19	1,172.32	1,282.43	2.51	-2.31	MWD
OH	6,896.0	90.97	105.13	YNN	5,612.95	-608.86	1,203.11	1,314.41	3.90	-1.06	MWD
OH	6,928.0	90.64	104.54	YNN	5,612.50	-617.06	1,234.04	1,346.41	2.11	-1.03	MWD
OH	6,960.0	90.60	105.17	YNN	5,612.15	-625.26	1,264.97	1,378.40	1.97	-0.13	MWD
OH	6,991.0	90.40	104.56	YNN	5,611.88	-633.21	1,294.93	1,409.39	2.07	-0.65	MWD
OH	7,023.0	90.20	104.18	YNN	5,611.71	-641.15	1,325.93	1,441.39	1.34	-0.63	MWD
OH	7,055.0	90.27	104.54	YNN	5,611.58	-649.09	1,356.93	1,473.39	1.15	0.22	MWD
OH	7,087.0	90.60	103.73	YNN	5,611.34	-656.90	1,387.96	1,505.39	2.73	1.03	MWD
OH	7,119.0	91.45	103.80	YNN	5,610.77	-664.52	1,419.04	1,537.38	2.67	2.66	MWD
OH	7,151.0	91.68	103.42	YNN	5,609.89	-672.04	1,450.13	1,569.37	1.39	0.72	MWD
OH	7,183.0	91.81	103.24	YNN	5,608.92	-679.42	1,481.25	1,601.36	0.69	0.41	MWD
OH	7,215.0	91.82	103.29	YNN	5,607.91	-686.76	1,512.38	1,633.34	0.16	0.03	MWD
OH	7,246.0	91.95	103.19	YNN	5,606.89	-693.85	1,542.54	1,664.32	0.53	0.42	MWD
OH	7,278.0	90.40	103.07	YNN	5,606.23	-701.12	1,573.70	1,696.31	4.86	-4.84	MWD
OH	7,310.0	90.20	102.27	YNN	5,606.06	-708.14	1,604.92	1,728.30	2.58	-0.63	MWD
OH	7,342.0	90.34	102.22	YNN	5,605.91	-714.93	1,636.19	1,760.28	0.46	0.44	MWD
OH	7,374.0	90.34	102.95	YNN	5,605.72	-721.90	1,667.42	1,792.27	2.28	0.00	MWD
OH	7,405.0	90.91	103.02	YNN	5,605.38	-728.86	1,697.63	1,823.27	1.85	1.84	MWD
OH	7,437.0	91.08	102.50	YNN	5,604.83	-735.93	1,728.83	1,855.26	1.71	0.53	MWD
OH	7,469.0	90.74	101.33	YNN	5,604.32	-742.54	1,760.14	1,887.23	3.81	-1.06	MWD
OH	7,501.0	90.00	101.00	YNN	5,604.11	-748.73	1,791.53	1,919.19	2.53	-2.31	MWD
OH	7,533.0	90.37	100.67	YNN	5,604.01	-754.75	1,822.96	1,951.14	1.55	1.16	MWD
OH	7,565.0	90.60	100.31	YNN	5,603.74	-760.57	1,854.42	1,983.08	1.33	0.72	MWD
OH	7,597.0	90.61	100.47	YNN	5,603.40	-766.34	1,885.90	2,015.02	0.50	0.03	MWD
OH	7,629.0	89.50	99.73	YNN	5,603.37	-771.96	1,917.40	2,046.95	4.17	-3.47	MWD
OH	7,661.0	89.16	99.71	YNN	5,603.74	-777.36	1,948.94	2,078.86	1.06	-1.06	MWD
OH	7,693.0	89.23	99.81	YNN	5,604.19	-782.78	1,980.47	2,110.77	0.38	0.22	MWD
OH	7,724.0	89.90	100.34	YNN	5,604.43	-788.20	2,010.99	2,141.70	2.76	2.16	MWD
OH	7,756.0	90.60	101.47	YNN	5,604.29	-794.26	2,042.41	2,173.65	4.15	2.19	MWD
OH	7,788.0	90.50	101.66	YNN	5,603.98	-800.67	2,073.76	2,205.62	0.67	-0.31	MWD
OH	7,820.0	90.44	100.72	YNN	5,603.72	-806.88	2,105.15	2,237.58	2.94	-0.19	MWD
OH	7,852.0	90.40	101.17	YNN	5,603.49	-812.96	2,136.57	2,269.54	1.41	-0.13	MWD
OH	7,884.0	90.98	100.87	YNN	5,603.10	-819.08	2,167.98	2,301.49	2.04	1.81	MWD

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Deviation Summary

Well Name: WRU GB 13G-3-8-22
TMD: 8,950.0 (ft) TVD: 5,548.04 (ft)
Closure Distance: 3,606.0 (ft) Closure Direction: 199.43 (°)

Location: 3- 8-S 22-E 26
Spud Date: 6/12/2008
Calculation Method: Minimum Curvature

S/T #	V.S. AZI (°)
OH	103.95
01	199.17

S/T #	TMD (ft)	Angle (°)	Azimuth (°)	CTM	TVD (ft)	N/-S (ft)	E/-W (ft)	Vert. Section (ft)	DLS (°/100ft)	BUR (°/100ft)	Type
OH	7,916.0	91.28	100.86	YNN	5,602.47	-825.11	2,199.40	2,333.44	0.94	0.94	MWD
OH	7,948.0	91.55	101.43	YNN	5,601.68	-831.29	2,230.78	2,365.39	1.97	0.84	MWD
OH	7,980.0	91.98	100.64	YNN	5,600.69	-837.41	2,262.18	2,397.34	2.81	1.34	MWD
OH	8,011.0	91.88	100.92	YNN	5,599.65	-843.21	2,292.61	2,428.27	0.96	-0.32	MWD
OH	8,043.0	91.38	100.22	YNN	5,598.74	-849.07	2,324.06	2,460.20	2.69	-1.56	MWD
OH	8,075.0	90.17	98.70	YNN	5,598.31	-854.33	2,355.62	2,492.10	6.07	-3.78	MWD
OH	8,107.0	89.46	99.00	YNN	5,598.41	-859.26	2,387.24	2,523.97	2.41	-2.22	MWD
OH	8,138.0	89.50	98.25	YNN	5,598.69	-863.90	2,417.88	2,554.84	2.42	0.13	MWD
OH	8,170.0	90.00	98.05	YNN	5,598.83	-868.44	2,449.56	2,586.67	1.68	1.56	MWD
OH	8,202.0	90.57	98.69	YNN	5,598.67	-873.10	2,481.22	2,618.52	2.68	1.78	MWD
OH	8,234.0	91.34	99.10	YNN	5,598.14	-878.05	2,512.83	2,650.39	2.73	2.41	MWD
OH	8,266.0	91.48	99.83	YNN	5,597.35	-883.31	2,544.38	2,682.28	2.32	0.44	MWD
OH	8,299.0	91.81	99.58	YNN	5,596.40	-888.87	2,576.90	2,715.18	1.25	1.00	MWD
OH	8,331.0	90.50	99.23	YNN	5,595.76	-894.10	2,608.46	2,747.07	4.24	-4.09	MWD
OH	8,363.0	90.17	98.25	YNN	5,595.57	-898.96	2,640.09	2,778.94	3.23	-1.03	MWD
OH	8,394.0	89.93	98.09	YNN	5,595.54	-903.36	2,670.77	2,809.78	0.93	-0.77	MWD
OH	8,426.0	90.44	98.50	YNN	5,595.44	-907.98	2,702.44	2,841.63	2.04	1.59	MWD
OH	8,458.0	90.97	98.22	YNN	5,595.05	-912.63	2,734.10	2,873.47	1.87	1.66	MWD
OH	8,490.0	91.18	98.36	YNN	5,594.45	-917.24	2,765.76	2,905.31	0.79	0.66	MWD
OH	8,522.0	91.31	97.91	YNN	5,593.75	-921.77	2,797.43	2,937.14	1.46	0.41	MWD
OH	8,553.0	91.61	97.38	YNN	5,592.96	-925.89	2,828.14	2,967.94	1.96	0.97	MWD
OH	8,585.0	90.94	97.72	YNN	5,592.25	-930.10	2,859.86	2,999.73	2.35	-2.09	MWD
OH	8,617.0	91.01	97.54	YNN	5,591.71	-934.35	2,891.57	3,031.53	0.60	0.22	MWD
OH	8,648.0	90.94	97.20	YNN	5,591.18	-938.32	2,922.31	3,062.32	1.12	-0.23	MWD
OH	8,670.0	90.91	96.82	YNN	5,590.82	-941.01	2,944.14	3,084.16	1.73	-0.14	MWD
OH	8,702.0	90.57	96.04	YNN	5,590.41	-944.59	2,975.94	3,115.88	2.66	-1.06	MWD
OH	8,734.0	90.10	96.41	YNN	5,590.22	-948.06	3,007.75	3,147.59	1.87	-1.47	MWD
OH	8,766.0	90.47	96.05	YNN	5,590.06	-951.53	3,039.56	3,179.30	1.61	1.16	MWD
OH	8,797.0	90.10	96.26	YNN	5,589.91	-954.86	3,070.38	3,210.01	1.37	-1.19	MWD
OH	8,830.0	89.13	96.57	YNN	5,590.13	-958.54	3,103.17	3,242.73	3.09	-2.94	MWD
OH	8,862.0	89.40	96.54	YNN	5,590.54	-962.20	3,134.96	3,274.46	0.85	0.84	MWD
OH	8,894.0	90.20	96.44	YNN	5,590.65	-965.81	3,166.75	3,306.19	2.52	2.50	MWD
OH	8,926.0	90.67	96.11	YNN	5,590.41	-969.31	3,198.56	3,337.90	1.79	1.47	MWD

CONFIDENTIAL

Questar E & P

Deviation Summary

Well Name: WRU GB 13G-3-8-22
TMD: 8,950.0 (ft) TVD: 5,548.04 (ft)
Closure Distance: 3,606.0 (ft) Closure Direction: 199.43 (°)

Location: 3- 8-S 22-E 26
Spud Date: 6/12/2008
Calculation Method: Minimum Curvature

S/T #	V.S. AZI (°)
OH	103.95
01	199.17

S/T #	TMD (ft)	Angle (°)	Azimuth (°)	CTM	TVD (ft)	N/-S (ft)	E/-W (ft)	Vert. Section (ft)	DLS (°/100ft)	BUR (°/100ft)	Type
OH	8,957.0	89.36	96.20	YNN	5,590.40	-972.63	3,229.38	3,368.61	4.24	-4.23	MWD
OH	8,989.0	89.06	96.67	YNN	5,590.84	-976.22	3,261.18	3,400.33	1.74	-0.94	MWD
OH	9,021.0	88.59	96.68	YNN	5,591.50	-979.94	3,292.95	3,432.07	1.47	-1.47	MWD
OH	9,053.0	88.89	96.76	YNN	5,592.20	-983.68	3,324.72	3,463.81	0.97	0.94	MWD
OH	9,085.0	89.26	96.50	YNN	5,592.72	-987.38	3,356.51	3,495.54	1.41	1.16	MWD
OH	9,117.0	89.40	95.70	YNN	5,593.09	-990.78	3,388.32	3,527.24	2.54	0.44	MWD
OH	9,149.0	89.53	95.34	YNN	5,593.39	-993.86	3,420.17	3,558.89	1.20	0.41	MWD
OH	9,181.0	89.29	95.54	YNN	5,593.72	-996.89	3,452.03	3,590.54	0.98	-0.75	MWD
OH	9,213.0	89.33	95.36	YNN	5,594.11	-999.93	3,483.88	3,622.19	0.58	0.13	MWD
OH	9,245.0	90.84	95.36	YNN	5,594.06	-1,002.92	3,515.74	3,653.83	4.72	4.72	MWD
OH	9,276.0	91.61	95.69	YNN	5,593.40	-1,005.90	3,546.59	3,684.48	2.70	2.48	MWD
OH	9,308.0	92.35	96.75	YNN	5,592.29	-1,009.37	3,578.38	3,716.17	4.04	2.31	MWD
OH	9,340.0	92.89	96.77	YNN	5,590.83	-1,013.13	3,610.12	3,747.89	1.69	1.69	MWD
OH	9,372.0	92.89	97.03	YNN	5,589.22	-1,016.97	3,641.85	3,779.61	0.81	0.00	MWD
OH	9,404.0	91.14	97.11	YNN	5,588.09	-1,020.90	3,673.59	3,811.35	5.47	-5.47	MWD
OH	9,434.0	90.47	96.94	YNN	5,587.67	-1,024.57	3,703.36	3,841.13	2.30	-2.23	MWD
OH	9,466.0	90.71	97.05	YNN	5,587.34	-1,028.47	3,735.12	3,872.90	0.83	0.75	MWD
OH	9,498.0	91.21	96.92	YNN	5,586.80	-1,032.36	3,766.88	3,904.65	1.61	1.56	MWD
OH	9,530.0	90.81	96.87	YNN	5,586.24	-1,036.20	3,798.64	3,936.41	1.26	-1.25	MWD
OH	9,562.0	89.63	96.11	YNN	5,586.12	-1,039.82	3,830.43	3,968.14	4.39	-3.69	MWD
OH	9,594.0	91.14	96.62	YNN	5,585.90	-1,043.37	3,862.24	3,999.85	4.98	4.72	MWD
OH	9,601.0	91.48	96.72	YNN	5,585.74	-1,044.18	3,869.19	4,006.80	5.06	4.86	MWD
01	5,061.0	1.13	204.46	NYN	5,057.72	-49.95	-18.26	-49.95	0.02	0.02	MWD
01	5,240.0	10.48	194.43	YNN	5,235.61	-67.36	-23.06	71.19	5.23	5.22	MWD
01	5,272.0	16.45	195.88	YNN	5,266.71	-74.54	-25.02	78.62	18.68	18.66	MWD
01	5,301.0	22.32	197.75	YNN	5,294.06	-83.74	-27.83	88.24	20.35	20.24	MWD
01	5,333.0	26.75	199.07	YNN	5,323.16	-96.34	-32.04	101.52	13.95	13.84	MWD
01	5,363.0	30.11	198.20	YNN	5,349.54	-109.88	-36.59	115.80	11.28	11.20	MWD
01	5,395.0	34.10	197.83	YNN	5,376.64	-126.05	-41.85	132.80	12.48	12.47	MWD
01	5,427.0	38.30	197.62	YNN	5,402.46	-144.04	-47.60	151.69	13.13	13.13	MWD
01	5,459.0	41.53	197.08	YNN	5,427.00	-163.64	-53.72	172.21	10.15	10.09	MWD
01	5,491.0	44.13	197.36	YNN	5,450.46	-184.42	-60.16	193.95	8.15	8.13	MWD
01	5,523.0	46.40	196.54	YNN	5,472.98	-206.16	-66.78	216.66	7.32	7.09	MWD

CONFIDENTIAL

Deviation Summary

Well Name: WRU GB 13G-3-8-22
TMD: 8,950.0 (ft) TVD: 5,548.04 (ft)
Closure Distance: 3,606.0 (ft) Closure Direction: 199.43 (°)

Location: 3- 8-S 22-E 26
Spud Date: 6/12/2008
Calculation Method: Minimum Curvature

S/T #	V.S. AZI (°)
OH	103.95
01	199.17

S/T #	TMD (ft)	Angle (°)	Azimuth (°)	CTM	TVD (ft)	N/-S (ft)	E/-W (ft)	Vert. Section (ft)	DLS (°/100ft)	BUR (°/100ft)	Type
01	5,555.0	49.65	196.91	YNN	5,494.38	-228.94	-73.63	240.43	10.19	10.16	MWD
01	5,587.0	53.35	196.71	YNN	5,514.30	-252.91	-80.87	265.44	11.57	11.56	MWD
01	5,618.0	56.91	196.92	YNN	5,532.02	-277.25	-88.23	290.85	11.50	11.48	MWD
01	5,650.0	60.76	197.52	YNN	5,548.58	-303.40	-96.34	318.21	12.14	12.03	MWD
01	5,682.0	64.52	197.84	YNN	5,563.28	-330.48	-104.97	346.62	11.78	11.75	MWD
01	5,714.0	68.79	198.73	YNN	5,575.96	-358.36	-114.19	375.99	13.59	13.34	MWD
01	5,746.0	72.98	199.51	YNN	5,586.44	-386.92	-124.09	406.22	13.29	13.09	MWD
01	5,778.0	75.80	200.18	YNN	5,595.05	-415.91	-134.55	437.03	9.04	8.81	MWD
01	5,810.0	78.40	200.26	YNN	5,602.19	-445.18	-145.33	468.21	8.13	8.13	MWD
01	5,842.0	82.46	200.30	YNN	5,607.51	-474.77	-156.27	499.76	12.69	12.69	MWD
01	5,874.0	87.28	200.11	YNN	5,610.37	-504.67	-167.27	531.61	15.07	15.06	MWD
01	5,906.0	90.10	200.53	YNN	5,611.10	-534.67	-178.38	563.60	8.91	8.81	MWD
01	5,937.0	90.50	200.09	YNN	5,610.94	-563.74	-189.14	594.59	1.92	1.29	MWD
01	5,969.0	90.03	200.64	YNN	5,610.79	-593.74	-200.28	626.58	2.26	-1.47	MWD
01	6,001.0	89.06	199.68	YNN	5,611.04	-623.78	-211.30	658.58	4.26	-3.03	MWD
01	6,033.0	89.03	199.72	YNN	5,611.58	-653.90	-222.09	690.57	0.16	-0.09	MWD
01	6,065.0	90.77	199.98	YNN	5,611.63	-684.00	-232.95	722.57	5.50	5.44	MWD
01	6,097.0	92.49	200.34	YNN	5,610.72	-714.03	-243.98	754.55	5.49	5.38	MWD
01	6,129.0	92.18	200.28	YNN	5,609.42	-744.01	-255.08	786.51	0.99	-0.97	MWD
01	6,161.0	92.62	200.79	YNN	5,608.08	-773.95	-266.29	818.48	2.10	1.38	MWD
01	6,181.0	93.06	199.40	YNN	5,607.09	-792.71	-273.15	838.45	7.28	2.20	MWD
01	6,213.0	92.22	199.24	YNN	5,605.62	-822.88	-283.73	870.41	2.67	-2.63	MWD
01	6,244.0	91.41	199.45	YNN	5,604.63	-852.11	-293.99	901.40	2.70	-2.61	MWD
01	6,276.0	90.07	199.70	YNN	5,604.22	-882.26	-304.71	933.39	4.26	-4.19	MWD
01	6,308.0	88.76	198.88	YNN	5,604.55	-912.46	-315.28	965.39	4.83	-4.09	MWD
01	6,339.0	88.35	199.16	YNN	5,605.33	-941.76	-325.38	996.38	1.60	-1.32	MWD
01	6,371.0	89.43	199.13	YNN	5,605.95	-971.98	-335.88	1,028.37	3.38	3.38	MWD
01	6,403.0	89.97	199.81	YNN	5,606.12	-1,002.15	-346.54	1,060.37	2.71	1.69	MWD
01	6,435.0	90.84	200.51	YNN	5,605.89	-1,032.19	-357.57	1,092.37	3.49	2.72	MWD
01	6,467.0	91.24	200.59	YNN	5,605.31	-1,062.15	-368.80	1,124.35	1.27	1.25	MWD
01	6,499.0	91.58	201.27	YNN	5,604.52	-1,092.03	-380.23	1,156.33	2.38	1.06	MWD
01	6,531.0	91.91	200.94	YNN	5,603.55	-1,121.87	-391.75	1,188.29	1.46	1.03	MWD
01	6,563.0	92.12	200.95	YNN	5,602.42	-1,151.73	-403.18	1,220.26	0.66	0.66	MWD

CONFIDENTIAL

Deviation Summary

Well Name: WRU GB 13G-3-8-22
TMD: 8,950.0 (ft) TVD: 5,548.04 (ft)
Closure Distance: 3,606.0 (ft) Closure Direction: 199.43 (°)

Location: 3- 8-S 22-E 26
Spud Date: 6/12/2008
Calculation Method: Minimum Curvature

S/T #	V.S. AZI (°)
OH	103.95
01	199.17

S/T #	TMD (ft)	Angle (°)	Azimuth (°)	CTM	TVD (ft)	N/-S (ft)	E/-W (ft)	Vert. Section (ft)	DLS (°/100ft)	BUR (°/100ft)	Type
01	6,595.0	92.42	201.14	YNN	5,601.15	-1,181.58	-414.66	1,252.22	1.11	0.94	MWD
01	6,627.0	93.06	201.04	YNN	5,599.62	-1,211.40	-426.16	1,284.16	2.02	2.00	MWD
01	6,659.0	92.18	200.55	YNN	5,598.16	-1,241.28	-437.51	1,316.12	3.15	-2.75	MWD
01	6,691.0	91.98	200.27	YNN	5,597.00	-1,271.25	-448.66	1,348.09	1.07	-0.63	MWD
01	6,723.0	91.65	199.63	YNN	5,595.99	-1,301.32	-459.57	1,380.07	2.25	-1.03	MWD
01	6,755.0	91.68	199.47	YNN	5,595.06	-1,331.46	-470.28	1,412.05	0.51	0.09	MWD
01	6,787.0	90.67	198.38	YNN	5,594.40	-1,361.72	-480.65	1,444.05	4.64	-3.16	MWD
01	6,818.0	88.96	198.31	YNN	5,594.50	-1,391.15	-490.41	1,475.04	5.52	-5.52	MWD
01	6,850.0	88.49	198.53	YNN	5,595.21	-1,421.50	-500.52	1,507.03	1.62	-1.47	MWD
01	6,882.0	88.69	197.93	YNN	5,596.00	-1,451.88	-510.53	1,539.02	1.98	0.63	MWD
01	6,914.0	89.70	198.09	YNN	5,596.45	-1,482.31	-520.42	1,571.01	3.20	3.16	MWD
01	6,946.0	90.30	198.26	YNN	5,596.45	-1,512.71	-530.40	1,603.00	1.95	1.88	MWD
01	6,978.0	91.11	198.43	YNN	5,596.06	-1,543.09	-540.47	1,635.00	2.59	2.53	MWD
01	7,010.0	91.71	198.50	YNN	5,595.27	-1,573.43	-550.60	1,666.98	1.89	1.88	MWD
01	7,042.0	92.35	198.49	YNN	5,594.14	-1,603.76	-560.75	1,698.96	2.00	2.00	MWD
01	7,074.0	91.58	197.83	YNN	5,593.04	-1,634.15	-570.72	1,730.94	3.17	-2.41	MWD
01	7,106.0	91.34	198.11	YNN	5,592.22	-1,664.57	-580.59	1,762.92	1.15	-0.75	MWD
01	7,136.0	91.61	198.40	YNN	5,591.45	-1,693.05	-589.98	1,792.91	1.32	0.90	MWD
01	7,170.0	91.24	197.99	YNN	5,590.61	-1,725.34	-600.59	1,826.89	1.62	-1.09	MWD
01	7,201.0	90.44	198.37	YNN	5,590.15	-1,754.79	-610.26	1,857.88	2.86	-2.58	MWD
01	7,266.0	91.28	198.35	YNN	5,589.18	-1,816.48	-630.74	1,922.87	1.29	1.29	MWD
01	7,297.0	91.68	198.86	YNN	5,588.37	-1,845.85	-640.62	1,953.85	2.09	1.29	MWD
01	7,329.0	90.77	198.75	YNN	5,587.69	-1,876.13	-650.94	1,985.85	2.86	-2.84	MWD
01	7,361.0	90.44	198.38	YNN	5,587.35	-1,906.47	-661.12	2,017.84	1.55	-1.03	MWD
01	7,392.0	90.84	199.15	YNN	5,587.01	-1,935.82	-671.09	2,048.84	2.80	1.29	MWD
01	7,424.0	91.11	199.44	YNN	5,586.46	-1,966.01	-681.67	2,080.84	1.24	0.84	MWD
01	7,456.0	89.83	197.59	YNN	5,586.20	-1,996.35	-691.83	2,112.83	7.03	-4.00	MWD
01	7,488.0	89.16	197.39	YNN	5,586.48	-2,026.87	-701.44	2,144.81	2.19	-2.09	MWD
01	7,520.0	89.40	199.25	YNN	5,586.88	-2,057.25	-711.50	2,176.81	5.86	0.75	MWD
01	7,552.0	90.44	198.97	YNN	5,586.93	-2,087.48	-721.98	2,208.81	3.37	3.25	MWD
01	7,584.0	90.74	200.09	YNN	5,586.60	-2,117.64	-732.67	2,240.80	3.62	0.94	MWD
01	7,616.0	91.31	200.11	YNN	5,586.03	-2,147.69	-743.67	2,272.79	1.78	1.78	MWD
01	7,648.0	91.61	199.95	YNN	5,585.21	-2,177.74	-754.63	2,304.78	1.06	0.94	MWD

CONFIDENTIAL

Deviation Summary

Well Name: WRU GB 13G-3-8-22
TMD: 8,950.0 (ft) TVD: 5,548.04 (ft)
Closure Distance: 3,606.0 (ft) Closure Direction: 199.43 (°)

Location: 3- 8-S 22-E 26
Spud Date: 6/12/2008
Calculation Method: Minimum Curvature

S/T #	V.S. AZI (°)
OH	103.95
01	199.17

S/T #	TMD (ft)	Angle (°)	Azimuth (°)	CTM	TVD (ft)	N/-S (ft)	E/-W (ft)	Vert. Section (ft)	DLS (°/100ft)	BUR (°/100ft)	Type
01	7,680.0	91.71	199.98	YNN	5,584.28	-2,207.81	-765.55	2,336.76	0.33	0.31	MWD
01	7,712.0	91.91	199.81	YNN	5,583.27	-2,237.88	-776.43	2,368.75	0.82	0.63	MWD
01	7,744.0	92.25	200.46	YNN	5,582.11	-2,267.90	-787.44	2,400.72	2.29	1.06	MWD
01	7,775.0	92.32	200.39	YNN	5,580.88	-2,296.93	-798.25	2,431.69	0.32	0.23	MWD
01	7,807.0	92.22	199.86	YNN	5,579.61	-2,326.96	-809.25	2,463.66	1.68	-0.31	MWD
01	7,839.0	91.78	200.39	YNN	5,578.49	-2,356.98	-820.26	2,495.63	2.15	-1.38	MWD
01	7,871.0	91.68	200.40	YNN	5,577.53	-2,386.96	-831.40	2,527.61	0.31	-0.31	MWD
01	7,903.0	90.81	200.12	YNN	5,576.83	-2,416.98	-842.48	2,559.60	2.86	-2.72	MWD
01	7,935.0	90.97	200.21	YNN	5,576.33	-2,447.01	-853.51	2,591.59	0.57	0.50	MWD
01	7,967.0	90.67	199.62	YNN	5,575.87	-2,477.09	-864.41	2,623.58	2.07	-0.94	MWD
01	7,998.0	90.47	199.29	YNN	5,575.57	-2,506.32	-874.73	2,654.58	1.24	-0.65	MWD
01	8,030.0	90.87	200.06	YNN	5,575.19	-2,536.45	-885.51	2,686.58	2.71	1.25	MWD
01	8,062.0	91.21	200.07	YNN	5,574.61	-2,566.50	-896.48	2,718.57	1.06	1.06	MWD
01	8,093.0	91.44	200.04	YNN	5,573.89	-2,595.62	-907.11	2,749.56	0.75	0.74	MWD
01	8,125.0	91.91	199.44	YNN	5,572.96	-2,625.72	-917.91	2,781.54	2.38	1.47	MWD
01	8,157.0	91.34	199.35	YNN	5,572.05	-2,655.90	-928.54	2,813.53	1.80	-1.78	MWD
01	8,189.0	91.01	199.24	YNN	5,571.40	-2,686.09	-939.11	2,845.52	1.09	-1.03	MWD
01	8,221.0	91.41	198.84	YNN	5,570.72	-2,716.33	-949.55	2,877.51	1.77	1.25	MWD
01	8,253.0	91.58	199.57	YNN	5,569.88	-2,746.54	-960.07	2,909.50	2.34	0.53	MWD
01	8,285.0	91.95	199.04	YNN	5,568.90	-2,776.73	-970.64	2,941.49	2.02	1.16	MWD
01	8,317.0	92.18	199.93	YNN	5,567.75	-2,806.88	-981.31	2,973.47	2.87	0.72	MWD
01	8,349.0	92.45	200.15	YNN	5,566.45	-2,836.91	-992.27	3,005.44	1.09	0.84	MWD
01	8,381.0	91.38	199.67	YNN	5,565.38	-2,866.98	-1,003.16	3,037.41	3.66	-3.34	MWD
01	8,413.0	91.21	199.29	YNN	5,564.66	-2,897.14	-1,013.82	3,069.41	1.30	-0.53	MWD
01	8,445.0	91.11	199.27	YNN	5,564.01	-2,927.34	-1,024.39	3,101.40	0.32	-0.31	MWD
01	8,477.0	91.34	199.13	YNN	5,563.33	-2,957.56	-1,034.91	3,133.39	0.84	0.72	MWD
01	8,508.0	91.85	200.16	YNN	5,562.47	-2,986.74	-1,045.33	3,164.38	3.71	1.65	MWD
01	8,540.0	92.15	200.80	YNN	5,561.35	-3,016.70	-1,056.52	3,196.35	2.21	0.94	MWD
01	8,572.0	91.91	199.85	YNN	5,560.22	-3,046.69	-1,067.62	3,228.32	3.06	-0.75	MWD
01	8,604.0	91.85	199.84	YNN	5,559.17	-3,076.77	-1,078.48	3,260.30	0.19	-0.19	MWD
01	8,636.0	92.15	200.08	YNN	5,558.05	-3,106.83	-1,089.40	3,292.28	1.20	0.94	MWD
01	8,667.0	91.81	200.31	YNN	5,556.98	-3,135.91	-1,100.09	3,323.26	1.32	-1.10	MWD
01	8,699.0	91.71	200.34	YNN	5,556.00	-3,165.90	-1,111.20	3,355.24	0.33	-0.31	MWD

CONFIDENTIAL

Deviation Summary

Well Name: WRU GB 13G-3-8-22
TMD: 8,950.0 (ft) TVD: 5,548.04 (ft)
Closure Distance: 3,606.0 (ft) Closure Direction: 199.43 (°)

Location: 3- 8-S 22-E 26
Spud Date: 6/12/2008
Calculation Method: Minimum Curvature

S/T #	V.S. AZI (°)
OH	103.95
01	199.17

S/T #	TMD (ft)	Angle (°)	Azimuth (°)	CTM	TVD (ft)	N/-S (ft)	E/-W (ft)	Vert. Section (ft)	DLS (°/100ft)	BUR (°/100ft)	Type
01	8,730.0	91.18	200.61	YNN	5,555.21	-3,194.93	-1,122.04	3,386.22	1.92	-1.71	MWD
01	8,762.0	90.74	200.12	YNN	5,554.68	-3,224.93	-1,133.18	3,418.21	2.06	-1.38	MWD
01	8,794.0	91.14	200.50	YNN	5,554.15	-3,254.94	-1,144.28	3,450.20	1.72	1.25	MWD
01	8,794.0	91.55	200.57	YNN	5,554.15	-3,254.94	-1,144.28	3,450.20	0.00	0.00	MWD
01	8,857.0	92.22	200.53	YNN	5,552.08	-3,313.89	-1,166.39	3,513.14	1.07	1.06	MWD
01	8,889.0	92.62	201.53	YNN	5,550.73	-3,343.74	-1,177.86	3,545.10	3.36	1.25	MWD
01	8,921.0	92.55	200.98	YNN	5,549.29	-3,373.53	-1,189.45	3,577.04	1.73	-0.22	MWD
01	8,950.0	92.38	200.97	YNN	5,548.04	-3,400.58	-1,199.82	3,606.00	0.59	-0.59	MWD

Questar E & P

Operations Summary Report – DRILLING

Well Name: WRU GB 13G-3-8-22
Location: 3- 8-S 22-E 26
Rig Name: ENSIGN

Spud Date: 6/12/2008
Rig Release: 8/7/2008
Rig Number: 57

Date	From - To	Hours	Code	Sub Code	Description of Operations
6/12/2008	06:00 - 10:00	4.00	LOC	2	RIG UP BUCKET RIG-DRILL 17 1/2" HOLE 40' DEEP-SET 14" PIPE AND CEMENT SAME- ACTUAL SPUD ON 6/11/08 AT 0700 HRS.
	10:00 - 01:00	15.00	DRL	9	MOVE IN & RIG UP AIR RIG- DRILL 12 1/4" HOLE F/ 40' TO 535' (18' OF RAT HOLE)- BLOW DOWN HOLE- LAY DOWN PIPE
	01:00 - 03:00	2.00	CSG	2	RUN 12 JOINTS OF 9 5/8", J-55, 36#, STC CASING-LAND CASING @ 517 FEET
	03:00 - 06:00	3.00	CMT	2	CEMENT 9 5/8" CASING AS PER PROGRAM: PUMP 30 BBLS. CLEAR WATER & 20 BBLS. GEL WATER-MIX & PUMP 51 BBLS. 15.8PPG LEAD SLURRY-DISPLACE W/ 36.4 BBLS. CLEAR WATER-BUMP PLUG W. 900 PSI-CHECK FLOATS (OK)-FULL RETURNS DURING JOB/ 20 BBLS. CEMENT TO SURFACE
6/24/2008	06:00 - 17:00	11.00	LOC	3	100% RIGGED DOWN, 70% LOADED, 60% MOVED, 0% RIGGED UP
	17:00 - 18:00	1.00	WOT	3	WAIT ON STORM FRONT WITH LIGHTNIG
	18:00 - 06:00	12.00	LOC	3	WAIT ON DAYLIGHTS, DRY WATCH ON NEW LOCATION
6/25/2008	06:00 - 18:00	12.00	LOC	3	100% RIGGED DOWN, 100% MOVED, 50% RIGGED UP
	18:00 - 06:00	12.00	LOC	3	WAIT ON DAYLIGHTS
6/26/2008	06:00 - 06:00	24.00	LOC	4	100% MOVED, 90% RIGGED UP, RAISED DERRICK @14:30, GENERAL RIG UP BACK YARD, REPLACE LINERS IN BOTH PUMPS WITH 6". HAVE WHITE MOUNTAIN REPAIR AND RECONFIGURE PREMIX - REPLACE BOTH CENTRIFICALS, ADD 6" VALVE BETWEEN PUMPS AND REPLACE 2" VALVES ON UPPER GUN LINES. REPLACE DEVIDER BETWEEN PILL TANK AND ACTIVE, REMOVE RISER AND REPLACE GRATING. MOUNT THE TORQUE WHEEL AND GAUGE FOR TABLE. INSTALL D.S.A., WEAR BUSHING LOCKDOWN FLANGE AND PICK UP B.O.P.'S START TO NIPPLE UP THE B.O.P'S
6/27/2008	06:00 - 10:00	4.00	LOC	4	RIG UP & PREPARE TO DRILL
	10:00 - 16:30	6.50	BOP	1	NIPPLE UP B.O.P'S
	16:30 - 21:30	5.00	BOP	2	TEST B.O.P'S (KELLY VALVES UPPER& LOWER, PIPE RAMS ALL KILL AND CHOKE VALVES BLIND RAMS TO 250 LOW AND 3000 PSI HIGH ANNULAR TO 250 LOW & 1500 HIGH TEST CASING TO 1500 PSI FOR 30 MINUTES, NOTIFIED BLM JAMIE SPARGER OF BOPE TEST
	21:30 - 22:00	0.50	LOG	2	SET 9 5/8 WEAR BUSHING AND RUN IT, LOCK DOWN BOLTS
	22:00 - 00:00	2.00			RIG UP AND RUN GYRO LOGS ON 9 5/8" CASING STRING TAGED CEMENT @ 409 FEET
	00:00 - 04:00	4.00	LOC	4	RIG UP GAS BUSTER , FLARE LINES AND FINISH WELDING IN PILL TANK AND CLEAN OUT MUD PITS OF ALL WELDING SLAG, WELDING RODS ETC. FILL PITS WITH WATER
	04:00 - 06:00	2.00	TRP	1	LAY OUT & STRAP B.H.A. #1
6/28/2008	06:00 - 07:00	1.00	TRP	1	LAY OUT & STRAP B.H.A. #1
	07:00 - 10:00	3.00	TRP	1	PICK UP MOTOR AND ORINATE TOOLS
	10:00 - 12:00	2.00	TRP	1	PICK UP B.H.A. & HWDP
	12:00 - 14:00	2.00	DRL	4	DRILL CEMENT AND FLOAT EQUIPMENT TAG CEMENT @ 409 FEET
	14:00 - 14:30	0.50	OTH		PERFORM LEAK OFF TEST @ 523 FEET = 10 PSI = 8.7 EMW WITH 8.3 PPG MUD IN THE HOLE
	14:30 - 15:00	0.50	SUR	1	RIG UP AND RUN GYRO SURVEY
	15:00 - 17:00	2.00	DRL	2	DRILL FROM 557 FEET TO 613 FEET (SLIDE F/ 557 TO 563 ROTATE F/ 563 TO 574)
	17:00 - 17:30	0.50	RIG	1	RIG SERVICE & FUNCTION ANNULAR
	17:30 - 18:30	1.00	DRL	2	DRILL FROM 613 TO 644
	18:30 - 19:00	0.50	SUR	1	SURVEY (GYRO RUN)
	19:00 - 19:30	0.50	DRL	2	SLIDE F/ 644 TO 651 ROTATE F/ 651 TO 676 FEET
	19:30 - 20:00	0.50	SUR	1	RUN GYRO SURVEY
	20:00 - 21:00	1.00	DRL	2	DRILL FROM 676 TO 728 FEET (ROTATE)
	21:00 - 22:00	1.00	SUR	1	RUN GYO SURVEY

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Operations Summary Report

Well Name: WRU GB 13G-3-8-22
Location: 3- 8-S 22-E 26
Rig Name: ENSIGN

Spud Date: 6/12/2008
Rig Release: 8/7/2008
Rig Number: 57

Date	From - To	Hours	Code	Sub Code	Description of Operations
6/28/2008	22:00 - 22:30	0.50	DRL	2	DRILL SLIDE FROM 728 TO 733 FEET ROTATE FROM 733 TO 758 FEET
	22:30 - 23:00	0.50	SUR	1	RUN GYRO TOOLS (RIG DOWN GYRO TOOLS)
	23:00 - 04:00	5.00	DRL	2	DIRECTIONAL DRILL (SLIDE F/758 TO 765 - ROTATE 765 TO 850 SLIDE 850 TO 857 ROTATE 857 TO 882 SLIDE 882 TO 887 ROTATE 887 TO 1002 SLIDE 1002 TO 1126
	04:00 - 06:00	2.00	SUR	1	SURVEY AND CONNECTIONS
6/29/2008	06:00 - 13:30	7.50	DRL	2	DIRECTIONAL DRILL 8 3/4" HOLE FROM 1126 FEET TO 1904 FEET (ROTATE = 766 FEET SLIDE= 12 FEET TOTAL = 778 FEET
	13:30 - 14:00	0.50	RIG	1	RIG SERVICE AND FUNCTION PIPE RAMS
	14:00 - 18:00	4.00	SUR	1	SURVEY TIME AND CONNECTION TIME
	18:00 - 03:00	9.00	DRL	2	DIRECTIONAL DRILL 8 3/4" HOLE FROM 1904 FEET TO 2432 FEET (ROTATE = 496 FEET SLIIDE= 32) TOTAL FEET DRILLED = 528
	03:00 - 06:00	3.00	SUR	1	SURVEY AND CONNECTION TIME SLIDE TIME = 1 1/2 HOURS AND ROTATE TIME = 7 1/2 HRS
	06:00 -				B.O.P. DRILL RESPONSE TIME= 1 MINUTE SLOW PUMP RATE = #2 PUMP @ 1863 FEET WITH 8.3 PPG MUD = 43 STKS= 140 PSI @ 55 STKS= 200 PSI
6/30/2008	06:00 - 14:00	8.00	DRL	2	DIRECTIONAL DRILL FROM 2432 FEET TO 2774 FEET
	14:00 - 14:30	0.50	RIG	1	RIG SERVICE FUNCTION ANNULAR PREVENTOR
	14:30 - 15:00	0.50	DRL	2	DIRECTIONAL DRILL FROM 2774 TO 2970 FEET
	15:00 - 18:00	3.00	SUR	1	SURVEY AND CONNECTION TIME
	18:00 - 19:00	1.00	DRL	2	DIRECTIONAL DRILL FROM 2970 FEET TO 3054 FEET
	19:00 - 19:30	0.50	CIRC	1	CIRC SWEEP TO SURFACE
	19:30 - 23:00	3.50	TRP	14	SHORT TRIP FROM 3054 FEET TO 1030 FEET (TAG A BRIDGE @ 2930 FEET PICK UP THE KELLY AND WASH AND REAM TO BOTTOM
	23:00 - 05:00	6.00	DRL	2	DIRECTIONAL DRILL FROM 3054 FEET TO 3364 FEET (TOTAL ROTATE FEET = 900 TOTAL SLIDE = 32 FEET)
	05:00 - 06:00	1.00	SUR	1	SURVEY AND CONNECTION TIME
7/1/2008	06:00 - 14:30	8.50	DRL	2	DIRECTIONAL DRILL FROM 3364 FEET TO 3613 FEET
	14:30 - 15:00	0.50	RIG	1	RIG SERVICE AND FUNCTION PIPE RAMS
	15:00 - 17:00	2.00	DRL	2	DIRECTIONAL DRILL FROM 3613 TO 3690
	17:00 - 18:00	1.00	SUR	1	SURVEY AND CONNECTIONS
	18:00 - 04:30	10.50	DRL	2	DIRECTIONAL DRILL FROM 3690 FEET TO 4141 FEET
	04:30 - 06:00	1.50	SUR	1	SURVEY AND CONNECTIONS TOTAL FOOTAGE ROTATING= 757 TOTAL FOTAGE SLIDING= 20 FEET SLOW PUMP RATE = #1 PUMP =42 STKS = 170 PSI 58 STKS = 280 PSI @ 3551 FEET M/W= 8.6 PPG
7/2/2008	06:00 - 09:00	3.00	DRL	2	DIRECTIONAL DRILL FROM 4141 FEET TO 4237 FEET
	09:00 - 11:30	2.50	CIRC	2	LOST ALL RETURNS @ 4237 FEET (REGAINED CIRC. LOST BBL'S)
	11:30 - 15:30	4.00	DRL	2	DIRECTIONAL DRILL FROM 4237 FEET TO 4359 FEET
	15:30 - 16:00	0.50	RIG	1	RIG SERVICE AND FUNCTION PIPE RAMS
	16:00 - 17:30	1.50	DRL	2	DIRECTIONAL DRILL FROM 4359 FEET TO 4390 FEET
	17:30 - 18:00	0.50	SUR	1	SURVEY AND CONNECTIONS
	18:00 - 06:00	12.00	DRL	2	DIRECTIONAL DRILL FROM 4390 FEET TO 4690 FEEET (TOTAL ROTATE= 504 FEET TOTAL SLIDE= 45 FEET
7/3/2008	06:00 - 09:30	3.50	DRL	2	ROTATE F/ 4,690' T/ 4,733' (43') AROP 12.2 FPH, WOB 17K, PP 726, SPM #2 90, 197 GPM, MOTOR RPM 69, ROTORY 60 RPM., BIT 129 RPM.
	09:30 - 11:30	2.00	DRL	2	SLIDE F/ 4,733' T/ 4,744' (11') AROP 5.5 FPH, WOB 12K, PP 1084, SPM #2 90, 197 GPM, MOTOR RPM 69.
	11:30 - 14:00	2.50	DRL	2	ROTATE F/ 4,744' T/ 4,795' (51') AROP 20.4 FPH, WOB 12.9K, PP 1080, SPM #2 108, 236 GPM, MOTOR RPM 82.6, ROTORY 62 RPM., BIT 144.5 RPM.
	14:00 - 14:30	0.50	RIG	1	SERVICE & LUBRICATE RIG.
	14:30 - 17:30	3.00	DRL	2	ROTATE F/ 4,795' T/ 4,857' (62') AROP 20.3 FPH, WOB 12.9K, PP 1080, SPM #2 108, 236 GPM, MOTOR RPM 82.6, ROTORY 62 RPM., BIT 144.5 RPM, TORQUE

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Operations Summary Report

Well Name: WRU GB 13G-3-8-22
Location: 3- 8-S 22-E 26
Rig Name: ENSIGN

Spud Date: 6/12/2008
Rig Release: 8/7/2008
Rig Number: 57

Date	From - To	Hours	Code	Sub Code	Description of Operations
7/3/2008	14:30 - 17:30	3.00	DRL	2	142 FT/LBS, BOPE DRILL
	17:30 - 06:00	12.50	DRL	2	ROTATE F/ 4,857' T/ 5,143' (286') AROP 22.8 FPH, WOB 15.8K, PP 1,118, SPM #2 111, 242 GPM, MOTOR RPM 84.7, ROTORY 62 RPM., BIT 144.5 RPM, TORQUE 142 FT/LBS, BOPE DRILL. (TOTAL ROTATE= 442 FEET TOTAL SLIDE= 11 FEET
7/4/2008	06:00 - 08:30	2.50	CIRC	1	CIRCULATE HIGH VIS SWEEP TO CLEAN HOLE.
	08:30 - 12:00	3.50	TRP	2	TOOH W/ BHA #1 / FUNCTION TEST C.O.M.
	12:00 - 16:00	4.00	TRP	1	CHANGE OUT BHA AND SWAP 5 STANDS OF DRILL PIPE PLACING IT BELOW THE HWDP. PU BHA #2 AND MWD, SURFACE CHECK MOTOR.
	16:00 - 16:30	0.50	RIG	1	SERVICE AND LUBRICATE RIG.
	16:30 - 20:30	4.00	TRP	2	TIH W/ BHA #2 TO DRILL RADIOUS, GX-28 TRI CONE, WENZEL 2.38 DEGREE/.35 REV/GAL MOTOR AND FRESH MWD.
	20:30 - 00:00	3.50	REAM	1	WASH & REAM & ROTATE 62' TO TD @ 5,143'.
	00:00 - 00:30	0.50	RIG	2	REPAIR RIG AIR COMPRESSOR.
	00:30 - 02:00	1.50	DRL	2	ORIENT TOOL FACE: SLIDE F/ 5,143' T/ 5,166', (23') AROP 15.3 FPH, WOB 27K PP 805 PSI, #1 99 SPM, 313 GPM, MOTOR 109 RPM. TAKE SURVEY
	02:00 - 02:30	0.50	DRL	2	ROTATE F/ 5,166' T/ 5,172' (6') AROP 12 FPH, WOB 20K, PP 876, #1 99 SPM, 313 GPM, MOTOR 109 RPM, ROTORY 30 RPM, BIT 139 RPM, DIFF PRESS 142 PSI
	02:30 - 04:00	1.50	DRL	2	SLIDE F/ 5,172' T/ 5,197', (31') AROP 20.6 FPH, WOB 27K PP 805 PSI, #1 99 SPM, 313 GPM, MOTOR 109 RPM. TAKE SURVEY
	04:00 - 04:30	0.50	DRL	2	ROTATE F/ 5,197' T/ 5,203' (6') AROP 12 FPH, WOB 20K, PP 876, #1 99 SPM, 313 GPM, MOTOR 109 RPM, ROTORY 30 RPM, BIT 139 RPM, DIFF PRESS 142 PSI
	04:30 - 06:00	1.50	DRL	2	SLIDE F/ 5,203' T/ 5,228', (25') AROP 15.5 FPH, WOB 24.8K PP 843 PSI, #1 100 SPM, 313 GPM, MOTOR 109 RPM. TAKE SURVEY
7/5/2008	06:00 - 06:30	0.50	DRL	1	ROTATE F/ 5228' T/ 5231' (3), WOB 20K, PP 846 PSI, #1 101 SPM, 313 GPM, MOTOR 109 RPM, ROTARY 30 RPM, BIT 139 RPM, DIFF PRESS 153 PSI
	06:30 - 09:00	2.50	DRL	2	SLIDE F/ 5231' T/ 5259' (28), AROP 11.2 '/HR., WOB 27K, PP 825 PSI, #1 101 SPM, 313 GPM, MOTOR 109 RPM
	09:00 - 09:30	0.50	DRL	1	ROTATE F/ 5259' T/ 5262' (3), WOB 20K, PP 803 PSI, #1 100 SPM, 313 GPM, MOTOR 109 RPM, ROTARY 30 RPM, BIT 139 RPM, DIFF PRESS 129 PSI
	09:30 - 10:00	0.50	DRL	2	SLIDE F/ 5262' T/ 5268' (6), WOB 20K, PP 833 PSI, #1 101 SPM, 313 GPM, MOTOR 109 RPM
	10:00 - 12:00	2.00	CIRC	1	TROUBLE SHOOT DIFFERENCES IN LOG MARKERS & 29' HIGHER CHANGE IN ZONE TVD (MARKERS SHOWING MD IS 30' DEEPER)
	12:00 - 13:00	1.00	TRP	2	TRIP OUT OF HOLE F/ 5268' TO 4870' FOR RE-LOGGING HOLE (CHANGE DEPTHS BY 30' TO 4900')
	13:00 - 18:30	5.50	LOG	1	TRIP IN HOLE & RE-LOG F/ 4900' TO 5298' (LOG @ 60'/HR. TO 4970' & THEN 120'/HR. TO BOTTOM)
	18:30 - 01:30	7.00	DRL	2	SLIDE F/ 5,298' T/ 5,383' (85'), WOB 28K, PP 733 PSI, #1 90 SPM, 197 GPM, MOTOR 69 RPM, DIFF PRESS. 127 PSI. REDUCE PUMP RATE FROM 101 SPM TO 90 SPM LAST TWO HRS TO MAXIMIZE ANGEL BUILD. BUILD RATE 10.77 DEGREES PER/100', NEED 15.5 DEGREES PER/100'.
	01:30 - 02:00	0.50	RIG	1	SERVICE & LUBRICATE RIG.
	02:00 - 06:00	4.00	TRP	2	FILL TRIP TANK, TOOH TO ADJUST MOTOR ANGEL, MWD & CHANGE BIT.
7/6/2008	06:00 - 09:00	3.00	TRP	1	L/D BHA #2 AND P/U BHA #3, CHECK MWD, CHANGE MOTOR ANGLE FROM 2.38 DEGREES TO 2.77 DEGREES. CHANGE BIT
	09:00 - 11:30	2.50	TRP	2	TIH W/ BHA #3. TIGHT GOING IN HOLE W/ 2.77 DEGREE MOTOR.
	11:30 - 12:30	1.00	REAM	1	REAM 60' TO BOTTOM @ 5,383'.
	12:30 - 14:30	2.00	DRL	2	SLIDE F/ 5,383' T/ 5,414' (31'), WOB 30K, PP 1,651 PSI, #1 75 SPM, #2 73 SPM, 323 GPM, MOTOR 113 RPM, DIFF PRESS. 126 PSI.
	14:30 - 15:00	0.50	RIG	1	SERVICE AND LUBRICATE RIG.
	15:00 - 23:30	8.50	DRL	2	SLIDE F/ 5,414' T/ 5,507' (93'), WOB 30K, PP 1,651 PSI, #1 75 SPM, #2 73 SPM, 323 GPM, MOTOR 113 RPM, DIFF PRESS. 126 PSI. LAST 30' REDUCE PUMP

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Operations Summary Report

Well Name: WRU GB 13G-3-8-22
Location: 3- 8-S 22-E 26
Rig Name: ENSIGN

Spud Date: 6/12/2008
Rig Release: 8/7/2008
Rig Number: 57

Date	From - To	Hours	Code	Sub Code	Description of Operations
7/6/2008	15:00 - 23:30	8.50	DRL	2	RATE FROM 143 SPM TO 109 SPM TO MAXIMIZE ANGEL BUILD. BUILD RATE 10.77 DEGREES PER/100', NEED 16.8 DEGREES PER/100'.
	23:30 - 03:00	3.50	TRP	2	TOOH W/ BHA #3 TO CHANGE MOTOR ANGEL FROM 2.77 DEGREES UP TO 3.0 DEGREES.
	03:00 - 06:00	3.00	TRP	1	L/D BHA #3, P/U BHA #4, SMITH FHI-23 BIT, 3.0 DEGREE MOTOR W/ FLOAT AND FRESH MWD. FLOW TEST MOTOR.
7/7/2008	06:00 - 07:00	1.00	DRL	3	ORIENT AND SCRIBE MWD TOOL & 3.0 DEGREE MOTOR.
	07:00 - 11:00	4.00	TRP	2	TIH W/ DIRECTIONAL BHA #4.
	11:00 - 11:30	0.50	REAM	1	WASH AND REAM 60' TO BOTTOM @ 5,507'.
	11:30 - 13:00	1.50	DRL	2	SLIDE F/ 5,507' T/ 5,570' (63'), WOB 33K, PP 1,668 PSI, #1 75 SPM, #2 75 SPM, 474 GPM, MOTOR 165 RPM, DIFF PRESS. 119 PSI.
	13:00 - 13:30	0.50	RIG	1	SERVICE & LUBRICATE RIG, FUNCTION BOPE.
	13:30 - 06:00	16.50	DRL	2	SLIDE F/ 5,570' T/ 5,745" (175'), WOB 35K, PP 1,668 PSI, #1 75 SPM, #2 75 SPM, 474 GPM, MOTOR 165 RPM, DIFF PRESS. 103 PSI. GAMA 62. TURNING DIRECTION TO THE LEFT HOLDING 60 TO 30 DEGREES OVER CENTER.
7/8/2008	06:00 - 14:30	8.50	DRL	2	SLIDE F/ 5,745' T/ 5,777" (32'), WOB 46K, PP 1,634 PSI, #1 75 SPM, #2 75 SPM, 474 GPM, MOTOR 109 RPM, DIFF PRESS. 110 PSI. GAMA 32. TURNING DIRECTION TO THE LEFT HOLDING 60 TO 30 DEGREES OVER CENTER. LOST COMMUNICATIONS WITH MWD TOOL FACE FOR 2.5 HRS.
	14:30 - 16:00	1.50	OTH		SERVICE & LUBRICATE RIG, LOST COMMUNICATIONS WITH MWD, REBOOT COMPUTER AND UNABLE TO ESTABLISH COMMUNICATIONS. FILL TRIP TANK.
	16:00 - 20:30	4.50	TRP	2	TOOH W/ BHA #4 DUE TO MWD FAILURE AND CHANGE MOTOR ANGLE FROM 3.0 TO 2.38 DEGREES
	20:30 - 22:30	2.00	TRP	1	CHANGE BIT, ADJUST MOTOR ANGLE TO 2.38 DEGREES AND CHANGE OUT MWD TOOL.
	22:30 - 03:00	4.50	TRP	2	TIH W/ BHA #5, TIGHT HOLE STARTING @ 5,033'.
	03:00 - 06:00	3.00	REAM	1	WASH AND REAM ONE STAND, TIH W/ TWO JTS, WASH AND REAM LAST 4 JTS TO BOTTOM @ 5,777'.
7/9/2008	06:00 - 10:00	4.00	DRL	2	SLIDE F/ 5,777' T/ 5,790" (13'), WOB 40K, PP 1,659 PSI, #1 76 SPM, #2 76 SPM, 474 GPM, MOTOR 109 RPM, DIFF PRESS. 152 PSI. GAMA 69. TURNING DIRECTION TO THE LEFT HOLDING 30 DEGREES OVER CENTER.
	10:00 - 12:00	2.00	DRL	2	ROTATE F/ 5,790' T/ 5,818' (28') WOB 20, PP 1,655 PSI, #1 74 SPM, #2 73 SPM, 470 GPM, MOTOR 108 RPM, ROTORY 27 RPM, BIT 135 RPM, DIFF PRESS. 121 PSI. TORQUE 259 kFT/LBS. LOST GAMA READING FROM MWD @ 11:15 HRS.
	12:00 - 12:30	0.50	RIG	1	SERVICE & LUBRICATE RIG.
	12:30 - 04:00	15.50	DRL	2	ROTATE F/ 5,818' T/ 5,981' (163') AROP 10.5 FPH, WOB 25, PP 1,655 PSI, #1 74 SPM, #2 73 SPM, 470 GPM, MOTOR 108 RPM, ROTORY 27 RPM, BIT 135 RPM, DIFF PRESS. 121 PSI. TORQUE 259 kFT/LBS. REGAIN GAMA READING FROM MWD @ 17:00 HRS.
	04:00 - 04:30	0.50	CIRC	1	CIRCULATE BOTTOMS UP TO CHECK FORMATION SAMPLES @ 5,981' TMD, DRILL BREAK FROM 14' TO 24' FPH. BROWN SHALE FROM TOP CAP OF G1 LIMESTONE.
	04:30 - 06:00	1.50	DRL	2	ROTATE F/ 5,981' T/ 6,005' (24') AROP 16 FPH, WOB 25, PP 1,764 PSI, #1 74 SPM, #2 73 SPM, 470 GPM, MOTOR 108 RPM, ROTORY 27 RPM, BIT 135 RPM, DIFF PRESS. 164 PSI. TORQUE 259 kFT/LBS.
7/10/2008	06:00 - 07:00	1.00	DRL	2	ROTATE F/ 6,005' T/ 6,017' (12') AROP 12 FPH, WOB 22, PP 1,775 PSI, #1 75 SPM, #2 75 SPM, 470 GPM, MOTOR 108 RPM, ROTORY 27 RPM, BIT 135 RPM, DIFF PRESS. 164 PSI. TORQUE 259 kFT/LBS. NOTE: DRILL INTO TOP OF 'G1' LIMESTONE @ 5,990'
	07:00 - 07:30	0.50	CIRC	1	CIRCULATE BOTTOMS UP TO EVALUATE FORMATION.
	07:30 - 09:30	2.00	DRL	2	SLIDE F/ 6,017' T/ 6,036" (19'), WOB 43K, PP 1,1568 PSI, #1 74 SPM, #2 75 SPM, 474 GPM, MOTOR 109 RPM, DIFF PRESS. 80 PSI.

CONFIDENTIAL

Operations Summary Report

Well Name: WRU GB 13G-3-8-22
Location: 3- 8-S 22-E 26
Rig Name: ENSIGN

Spud Date: 6/12/2008
Rig Release: 8/7/2008
Rig Number: 57

Date	From - To	Hours	Code	Sub Code	Description of Operations
7/10/2008	09:30 - 09:45	0.25	DRL	2	ROTATE F/ 6,036' T/ 6,037' (1') WOB 22, PP 1,775 PSI, #1 75 SPM, #2 75 SPM, 470 GPM, MOTOR 108 RPM, ROTORY 27 RPM, BIT 135 RPM, DIFF PRESS. 164 PSI. TORQUE 259 kFT/LBS.
	09:45 - 10:15	0.50	DRL	2	SLIDE F/ 6,037' T/ 6,042" (5'), WOB 43K, PP 1,1568 PSI, #1 74 SPM, #2 75 SPM, 474 GPM, MOTOR 109 RPM, DIFF PRESS. 80 PSI.
	10:15 - 10:30	0.25	DRL	2	ROTATE F/ 6,042' T/ 6,043' (1') DRILL INTO 'G1' LIMESTONE APPROX 53'.
	10:30 - 11:30	1.00	CIRC	1	CIRCULATE BOTTOMS UP TO CHECK FORMATION, STAND BACK KELLY & BOPE DRILL.
	11:30 - 15:00	3.50	TRP	14	SHORT TRIP 11 STANDS, KELLY UP @ 5,589' AND REAM TIGHT SPOTS, STAND BACK KELLY. FINISH TIH, KELLY UP AND WASH AND REAM 84' TO BOTTOM.
	15:00 - 17:00	2.00	CIRC	1	CIRCULATE TWO BOTTOMS UP. SAFETY MEETING W/ CASING L/D & RIG CREWS. R/U L/D EQUIPMENT.
	17:00 - 17:30	0.50	CIRC	1	DISPLACE 28 BBL LCM PILL W/ 2,318 STROKES.
	17:30 - 18:00	0.50	TRP	2	TOOH W/ 10 STAND AND STAND BACK IN DERRICK.
	18:00 - 01:00	7.00	TRP	2	TOOH & L/D 4 1/2" DRILL PIPE. PULL AND L/D ROTATING HEAD ELEMENT, L/D HWDP
	01:00 - 02:00	1.00	TRP	1	BREAK DOWN KELLY.
	02:00 - 04:00	2.00	TRP	1	SINGLE DOWN PUSH PIPE, NON-MAG COLLARS, SPACE-OUT SUBS, MWD, MOTOR & BIT. FOUND RUBBER BOTTOM AND THIRD FROM BOTTOM RUBBER STABLIZERS OFF MWD WITH PARTS IN FLOAT ABOVE MOTOR.
	04:00 - 06:00	2.00	CSG	1	CLEAN FLOOR, SAFETY MEETING W/ WEATHERFORD & ENSIGN CREWS, R.U. CASING EQUIPMENT.
7/11/2008	06:00 - 06:30	0.50	CSG	2	PULL WEAR BUSHING FROM WELL HEAD, FINISH RIGGING UP CASING CREW.
	06:30 - 14:00	7.50	CSG	2	CLEAN THREADS ON SHOE TRACK, THREAD LOCK SHOE, ONE JT AND FLOAT COLLAR. SINGLE IN 7" 26#, HCP110, LT&C CASING TO BOTTOM @ 6,042'.
	14:00 - 15:00	1.00	CIRC	1	R/U CIRCULATING SWEDGE, CIRULATE WELL WHILE RIGGING DOWN CASING CREW. FLUID LOSSES TO WELL 10 / 15 BBLS PER HR.
	15:00 - 22:00	7.00	CIRC	1	PUMP 25 BBLS @ 15 PPB LCM SWEEP @, 16:00, CIRCULATE AND WORK PIPE, PUMP 50 BBLS @ 15 PPB LCOM SWEEP @ 19:00 HRS, NO ADDITIONAL DRAG WHILE RECEPROCATING CASING. DUE TO HOLE LOSSES AN ADDITIONAL 65 SXS OF LEAD CEMENT WERE ORDERED OUT ALLOWING 100% EXCESS OF LEAD CEMENT. SPOT HALLIBURTON PUMP AND CEMENT TRUCKS.
	22:00 - 23:00	1.00	CMT	2	SAFETY MEETING W/ HALLIBURTON AND ENSIGN CREWS. R/U CEMENTING HEAD, LOAD WIPER PLUG. PRESSURE TEST LINES TO 4,000 PSI; HELD OKAY.
	23:00 - 03:30	4.50	CMT	2	PUMP INTERMEDATE CEMENT JOB / PUMP 10 BBLS. WATER, 30 BBLS. SUPERFLUSH @ 9.2 PPG, 10 BBLS. WATER, 256 BBLS. LEAD W/ 11.0 PPG. 380 SACKS, 42 BBLS TAIL W/ 15.8 PPG. 200 SACKS. BUMP PLUG W/ 1200 PSI. HOLD 1350 PSI. FOR 10 MIIN. BLEED BACK FLOATS HELD
	03:30 - 04:30	1.00	CMT	2	FLUSH BOP'S & R/D HALLIBURTON CEMENTERS
	04:30 - 06:00	1.50	BOP	1	NIPPLE DOWN BOP'S TO SET 7" CSG. SLIPS
7/12/2008	06:00 - 08:00	2.00	CSG	7	RU CAMERON, SET CASING SLIPS IN 140K TENSION, NIPPLE DOWN BOPE X WELL HEAD FLANGE. PU STACK, CUT OFF CASING AND BEVEL.
	08:00 - 18:00	10.00	BOP	1	N/U BOPE WELL HEAD FLANGE, INSTALL TWO NEW RINGS. BREAK OPEN PIPE RAM DOORS, REMOVE 4.5" RAMS, INSTALL 3.5" RAMS, INSTALL NEW DOOR GASKETS, CLOSE DOORS AND TIGHTEN. NIPPLE UP 3.5" KELLY.
	18:00 - 20:30	2.50	BOP	2	PRESSURE TEST WELL HEAD FLANGE & PIPE RAM DOORS, UPPER KELLY COCK, LOWER KELLY COCK, TIW SAFETY VALVE. TEST PRESSURES 500 PSI / 3,000 PSI.
	20:30 - 23:00	2.50	BOP	1	INSTALL ENSIGN 'S ROTATING AND FLOW LINE. HAD TO WORK ON BOLT

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Operations Summary Report

Well Name: WRU GB 13G-3-8-22
Location: 3- 8-S 22-E 26
Rig Name: ENSIGN

Spud Date: 6/12/2008
Rig Release: 8/7/2008
Rig Number: 57

Date	From - To	Hours	Code	Sub Code	Description of Operations
7/12/2008	20:30 - 23:00	2.50	BOP	1	HOLE ALLINEMENT.
	23:00 - 00:00	1.00	SEQ	4	CHANGE 6" TO 5" PUMP LINERS IN #2 PUMP.
	00:00 - 04:00	4.00	TRP	1	RACK AND TALLY 60 JTS OF 3.5" DP PUSH PIPE & 75 JTS OF 3.5" HWDP.
	04:00 - 05:00	1.00	TRP	1	R/U WEATHERFORD LAY DOWN EQUIPMENT.
	05:00 - 06:00	1.00	TRP	1	P/U SCIENTIFIC DRILLING BHA #6, 6 1/8" PDC MX613, 4 3/4" 1.5 DEGREE ANGLE MOTOR W/ 1.04 GAL/REV. 4/5 LOBE, 6.0 STAGE, 325 GPM MAX RATE. SURFACE TEST MOTOR.
7/13/2008	06:00 - 07:00	1.00	BOP	1	P/U 1-JT OF 4.5" DP, SET WEAR BUSHING, L/D 4.5" DP.
	07:00 - 10:30	3.50	TRP	1	P/U AND ORIENT MWD TOOLS / FULL BATTERIES.
	10:30 - 17:00	6.50	TRP	2	SINGLE IN HOLE W/ BHA #6, (60 JTS 3.5" PUSH PIPE, 75 JTS 3.5" OF HWDP)
	17:00 - 18:30	1.50	TRP	2	RACK AND STRAP 3.5" DP
	18:30 - 20:00	1.50	TRP	2	SINGLE IN W/ 3.5" DP, TAG CEMENT TOP @ 5,939'. LANDING COLLAR @ 5,992'.
	20:00 - 20:30	0.50	CIRC	1	RIG DOWN WHEATHERFORD L/D TRUCK.
	20:30 - 21:00	0.50	EQT	1	PRESSURE TEST CASING TO 1,500 PSI FOR 15 MIN. HELD GOOD.
	21:00 - 21:30	0.50	TRP	2	INSTALL ROTATING ELEMENT AND INSTALL CORROSION RING.
	21:30 - 23:00	1.50	DRL	4	DRILL LANDING COLLAR @ 5,992', ONE JT SHOE TACK, CASING SHOE @ 6,041' AND 5' OF 'G-1' LIMESTONE.
	23:00 - 23:30	0.50	CIRC	1	CIRCULATE BOTTOMS UP AND CHECK FORMATION SAMPLES (CEMENT & LIMESTONE).
	23:30 - 00:00	0.50	EQT	2	F.I.T. TEST FORMATION TO 10 PPG EMW, HELD GOOD FOR 15 MIN.
	00:00 - 04:00	4.00	DRL	2	ROTATE F/ 6,047' T/ 6,115' (68'), WOB 8.8K, PP 2,056, SPM #1 116, 253 GPM, MOTOR RPM 263, ROTORY 30 RPM, BIT 293 RPM. TAKE SURVEY.
	04:00 - 04:30	0.50	DRL	2	SLIDE UP F/ 6,115 T/ 6,119' (4') 7.5 WOB PP 1,923, SPM # 114, 248 GPM, MOTOR RPM 258. GAS TOTALS AND OIL SHOWS HAVE DECLINED, LOOKS LIKE WE ARE ALONG BOTTOM OF ZONE.
	04:30 - 06:00	1.50	DRL	2	ROTATE F/ 6,119' T/ 6,146' (27'), WOB 8.8K, PP 2,056, SPM #1 116, 253 GPM, MOTOR RPM 263, ROTORY 30 RPM, BIT 293 RPM. TAKE SURVEY.
7/14/2008	06:00 - 12:30	6.50	DRL	2	DIRECTIONAL DRILL: SLIDE F/ 6146' T/ 6151' (5'), ROTATE F/ 6,151' T/ 6,170' (19'), SLIDE F/ 6,170' T/ 6,176') (6'), ROTATE F/ 6,176' T/ 6,183' (7'), SLIDE F/ 6,183' T/ 6,188' (5'), ROTATE F/ 6,188' T/ 6,242' (54'), WOB 10/14K, PP 2,071 PSI, 115 SPM, 248 GPM, MOTOR RPM 258, ROTORY 46, BIT 304 RPM
	12:30 - 13:00	0.50	RIG	1	SERVICE & LUBRICATE RIG, FUNCTION C.O.M., FUNCTION ANNULAR.
	13:00 - 18:00	5.00	DRL	2	DIRECTIONAL DRILL LATERAL: ROTATE F/ 6,242 T/ 6,247' (5'), SLIDE F/ 6,247 T/ 6,252' (5'), ROTATE F/ 6,252' T/ 6,294' (42'), SLIDE F/ 6,294' T/ 6,306' (12'), ROTATE F/ 6,306' T/ 6,317' (11'), WOB 9/14K, PP 2,071 PSI, 115 SPM, 248 GPM, MOTOR RPM 258, ROTORY 46, BIT 304 RPM
	18:00 - 01:30	7.50	DRL	2	DIRECTIONAL DRILL LATERAL: ROTATE F/ 6,317' TO 6,529' (212'), WOB 8/12K, PP 2,307 PSI, 115 SPM, 251 GPM, MOTOR RPM 261, ROTORY 44, BIT 305 RPM, GAMA 18 / 22 CPS.
	01:30 - 02:30	1.00	TRP	14	SHORT TRIP 6 STANDS (550') INTO CASING SHOE. HOLE CONDITON LOOKS GOOD WITH NO EXCESS DRAG.
	02:30 - 06:00	3.50	DRL	2	DIRECTIONAL DRILL LATERAL: ROTATE F/ 6,529' TO 6,608' (79'), SLIDE DOWN F/ 6,608' T/ 6,614' (6') ROTATE F/ 6,614 T/ 6,625' (11') WOB 8/12K, PP 2,307 PSI, 115 SPM, 251 GPM, MOTOR RPM 261, ROTORY 44, BIT 305 RPM, GAMA 22 / 24 CPS.
7/15/2008	06:00 - 11:30	5.50	DRL	2	ROTATE F/ 6,625' T/ 6,758' (133') WOB 13, PP 2,498 PSI, SPM #2 114, GPM 249, DIFF PRESS 168 PSI, TORQUE 157 FT/LBS, GAMA 20.9 CPS, MOTOR 258 RPM, ROTORY 39 RPM, BIT 297 RPM.
	11:30 - 12:00	0.50	DRL	2	SLIDE F/ 6,758' T/ 6,762' (4') WOB 22, PP 2,301 PSI, SPM #1 115, GPM 251, DIFF PRESS 63 PSI, GAMA 28 CPS, MOTOR 261 RPM,
	12:00 - 12:30	0.50	RIG	1	SERVICE & LUBRICATE RIG.
	12:30 - 14:00	1.50	DRL	2	ROTATE F/ 6,762' T/ 6,822' (60') WOB 10, PP 2,498 PSI, SPM #2 114, GPM 249,

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Operations Summary Report

Well Name: WRU GB 13G-3-8-22
Location: 3- 8-S 22-E 26
Rig Name: ENSIGN

Spud Date: 6/12/2008
Rig Release: 8/7/2008
Rig Number: 57

Date	From - To	Hours	Code	Sub Code	Description of Operations
7/15/2008	12:30 - 14:00	1.50	DRL	2	DIFF PRESS 168 PSI, TORQUE 157 FT/LBS, GAMA 30 CPS, MOTOR 258 RPM, ROTORY 39 RPM, BIT 297 RPM.
	14:00 - 14:30	0.50	DRL	2	SLIDE F/ 6,822' T/ 6,825' (3') WOB 22, PP 2,336 PSI, SPM #1 114, GPM 251, DIFF PRESS 63 PSI, GAMA 16.5 CPS, MOTOR 260 RPM,
	14:30 - 15:30	1.00	DRL	2	ROTATE F/ 6,825' T/ 6,854' (29') WOB 10, PP 2,498 PSI, SPM #2 114, GPM 249, DIFF PRESS 168 PSI, TORQUE 157 FT/LBS, GAMA 30 CPS, MOTOR 258 RPM, ROTORY 39 RPM, BIT 297 RPM.
	15:30 - 16:00	0.50	DRL	2	SLIDE F/ 6,854' T/ 6,858' (4') WOB 27, PP 2,227 PSI, SPM #1 114, GPM 251, DIFF PRESS 63 PSI, GAMA 16.5 CPS, MOTOR 260 RPM,
	16:00 - 21:00	5.00	DRL	2	ROTATE F/ 6,858' T/ 7,040' (182') WOB 10, PP 2,498 PSI, SPM #2 114, GPM 249, DIFF PRESS 168 PSI, TORQUE 157 FT/LBS, GAMA 24 CPS, MOTOR 258 RPM, ROTORY 39 RPM, BIT 297 RPM.
	21:00 - 22:00	1.00	TRP	14	SHORT TRIP 550', PULLED 6 STANDS WITH NO ADDTIONAL DRAG. HOLE CONDITION GOOD!
	22:00 - 23:00	1.00	DRL	2	ROTATE F/ 7,040' T/ 7,055' (15') WOB 10, PP 2,498 PSI, SPM #2 114, GPM 249, DIFF PRESS 168 PSI, TORQUE 157 FT/LBS, GAMA 24 CPS, MOTOR 258 RPM, ROTORY 39 RPM, BIT 297 RPM. DIP INCREASE TO 9.7 - 9.8 DEGREES.
	23:00 - 23:30	0.50	DRL	2	SLIDE F/ 7,055' T/ 7,059' (4') WOB 29.3, PP 2,227 PSI, SPM #1 114, GPM 251, DIFF PRESS 63 PSI, GAMA 22 CPS, MOTOR 260 RPM,
	23:30 - 01:00	1.50	DRL	2	ROTATE F/ 7,059' T/ 7,110' (51') WOB 11, PP 2,464 PSI, SPM #2 114, GPM 249, DIFF PRESS 168 PSI, TORQUE 142 FT/LBS, GAMA 23 CPS, MOTOR 258 RPM, ROTORY 33 RPM, BIT 291 RPM.
	01:00 - 01:30	0.50	DRL	2	SLIDE F/ 7,110' T/ 7,115' (5') WOB 29.5, PP 2,297 PSI, SPM #1 114, GPM 250, DIFF PRESS 63 PSI, GAMA 20 CPS, MOTOR 260 RPM,
	01:30 - 05:00	3.50	DRL	2	ROTATE F/ 7,115' T/ 7205' (90') WOB 10.7 PP 2,464 PSI, SPM #2 114, GPM 249, DIFF PRESS 168 PSI, TORQUE 142 FT/LBS, GAMA 29 CPS, MOTOR 258 RPM, ROTORY 51 RPM, BIT 309 RPM.
	05:00 - 05:30	0.50	DRL	2	SLIDE F/ 7,205' T/ 7,209' (4') WOB 29.5, PP 2,297 PSI, SPM #1 114, GPM 250, DIFF PRESS 63 PSI, GAMA 20 CPS, MOTOR 260 RPM, SLIDE DOWN.
	05:30 - 06:00	0.50	DRL	2	ROTATE F/ 7,209' T/ 7,232' (23') WOB 9.1 PP 2,407 PSI, SPM #2 112, GPM 248, DIFF PRESS 191 PSI, TORQUE 143 FT/LBS, GAMA 33 CPS, MOTOR 257 RPM, ROTORY 50 RPM, BIT 307 RPM.
7/16/2008	06:00 - 10:00	4.00	DRL	2	ROTATE F/ 7,232' T/ 7,269' (37'), SLIDE F/ 7,269' T/ 7,275 (6'), ROTATE F/ 7,275' T/ 7,295' (20') WOB 25/8 PP 2,310 PSI, SPM #2 114, GPM 249, DIFF PRESS 205 / 65 PSI, TORQUE 143 FT/LBS, GAMA 44 / 60 CPS, MOTOR 258 RPM, ROTORY 52 RPM, BIT 310 RPM.
	10:00 - 10:30	0.50	RIG	1	SERVICE & LUBRICATE RIG, FUNCTION HYDRIL, SERVICE GENERATOR FOR CAMP.
	10:30 - 17:00	6.50	DRL	2	ROTATE F/ 7,295' T/ 7,471' (176') WOB 10 PP 2,491 PSI, SPM #2 112, GPM 248, DIFF PRESS 164 PSI, TORQUE 199 FT/LBS, GAMA 61 CPS, MOTOR 257 RPM, ROTORY 50 RPM, BIT 307 RPM.
	17:00 - 18:30	1.50	DRL	2	SLIDE F/ 7,474' T/ 7,480' (6') WOB 19.2, PP 2,438 PSI, SPM #1 112, GPM 244, DIFF PRESS 63 PSI, GAMA 42 CPS, MOTOR 253 RPM: ABOVE MIDDLE LAYER OF G-'1', TRYING TO GO BELOW MIDDLE LAYER INTO BETTER POROSITY, OIL SHOWS, LOWER GAMA AND HIGHER ROP.
	18:30 - 22:30	4.00	DRL	2	ROTATE F/ 7,480' T/ 7,565' (85') WOB 8.8 PP 2,491 PSI, SPM #2 112, GPM 245, DIFF PRESS 122 PSI, TORQUE 204 FT/LBS, GAMA 44 CPS, MOTOR 257 RPM, ROTORY 70 RPM, BIT 307 RPM.
	22:30 - 23:00	0.50	DRL	2	SLIDE F/ 7,565' T/ 7,569' (4') WOB 19.2, PP 2,438 PSI, SPM #1 112, GPM 244, DIFF PRESS 63 PSI, GAMA 44 CPS, MOTOR 253 RPM: ABOVE MIDDLE LAYER OF G-'1' (3.5' THICK), TRYING TO GO BELOW MIDDLE LAYER INTO BETTER POROSITY, HIGHER OIL SHOWS, LOWER GAMA AND HIGHER ROP.
	23:00 - 02:30	3.50	DRL	2	ROTATE F/ 7,569' T/ 7,646' (77') WOB 8.8 PP 2,491 PSI, SPM #2 112, GPM 245,

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Operations Summary Report

Well Name: WRU GB 13G-3-8-22
Location: 3- 8-S 22-E 26
Rig Name: ENSIGN

Spud Date: 6/12/2008
Rig Release: 8/7/2008
Rig Number: 57

Date	From - To	Hours	Code	Sub Code	Description of Operations
7/16/2008	23:00 - 02:30	3.50	DRL	2	DIFF PRESS 122 PSI, TORQUE 172 FT/LBS, GAMA 40 CPS, MOTOR 257 RPM, ROTORY 70 / 40 RPM, BIT 307 RPM. ROP INCREASE AND GEOLOGY LOOKS LIKE WE HAVE BROKE THROUGH MIDDLE LAYER INTO BOTTOM OF G-1.
	02:30 - 03:00	0.50	CIRC	1	CIRCULATE BOTTOMS UP TO CHECK FORMATION SAMPLES.
	03:00 - 04:00	1.00	TRP	14	SHORT TRIP 7 STANDS (650') OVER PULL 30 TO 40K HOLE CONDITIONS LOOKS GOOD.
	04:00 - 06:00	2.00	DRL	2	ROTATE F/ 7,646' T/ 7,678' (32') WOB 7.8 PP 2,457 PSI, SPM #2 111, GPM 243, DIFF PRESS 164 PSI, TORQUE 127 FT/LBS, GAMA 40 CPS, MOTOR 257 RPM, ROTORY 36 RPM, BIT 293 RPM.
7/17/2008	06:00 - 07:30	1.50	DRL	2	ROTATE DRILL FROM 7678 TO 7715 FEET
	07:30 - 08:00	0.50	DRL	2	SLIDE DRILL FROM 7715 TO 7719
	08:00 - 12:00	4.00	DRL	2	ROTATE DRILL FROM 7719 FEET TO 7805 FEET
	12:00 - 12:30	0.50	RIG	1	RIG SERVICE (SLOW PUMP RATE = #2 PUMP @ 43 SPM= 438 PSI @ 56 SPM= 683 PSI @ 8124 FEET MUD WEIGHT= 9.0 PPG)
	12:30 - 20:30	8.00	DRL	2	ROTATE DRILL FROM 7805 FEET TO 8029
	20:30 - 21:00	0.50	DRL	2	SLIDE DRILL FROM 8029 FEET TO 8034 FEET
	21:00 - 23:00	2.00	DRL	2	ROTATE DRILL FROM 8034 FEET TO 8074 FEET
	23:00 - 00:00	1.00	DRL	2	SLIDE DRILL FROM 8074 FEET TO 8080 FEET
	00:00 - 04:30	4.50	DRL	2	ROTATE DRILL FRIM 8080 FEET TO 8156 FEET
	04:30 - 06:00	1.50	TRP	14	SHORT TRIP 650 FEET SAFETY WASH & REAM 70 FEET TO BOTTOM
7/18/2008	06:00 - 06:30	0.50	REAM	1	SAFETY WASH & REAM 62 FEET TO BOTTOM
	06:30 - 12:30	6.00	DRL	2	DIRECTIONAL DRILL FROM 8156 TO 8320 FEET (ROTATE)
	12:30 - 13:30	1.00	DRL	2	DIRECTIONAL DRILL FROM 8320 FEET TO 8325 FEET (SLIDE)
	13:30 - 14:00	0.50	DRL	2	DRILL FROM 8325 FEET TO 8348 FEET (ROTATE)
	14:00 - 14:30	0.50	RIG	1	RIG SERVICE FUNCTION TEST ANNULAR PREVENTOR
	14:30 - 18:00	3.50	DRL	2	DIRECTIONAL DRILL FROM 8348 FEET TO 8475 FEET (ROTATE)
	18:00 - 22:00	4.00	DRL	2	DIRECTIONAL DRILL FROM 8475 FEET TO 8563 FEET (ROTATE)
	22:00 - 22:30	0.50	DRL	2	SLIDE DRILL FROM 8563 TO 8567 FEET
	22:30 - 01:30	3.00	DRL	2	DRILL FROM 8567 FEET TO 8619 FEET (ROTATE)
	01:30 - 02:00	0.50	DRL	2	SLIDE DRILL FROM 8619 FEET TO 8625 FEET
	02:00 - 02:30	0.50	DRL	2	DRILL FROM 8625 FEET TO 8634 FEET (ROTATE)
	02:30 - 04:00	1.50	TRP	14	SHORT TRIP 654 FEET WASH & REAM 72 FEET TO BOTTOM
	04:00 - 06:00	2.00	DRL	2	DIRECTIONAL DRILL FROM 8634 FEET TO 8665 FEET
	06:00 -				SLOW PUMP RATE = #1 PUMP @ 8632 FEET = 43 STKS= 494 PSI @ 56 STKS= 580 PSI MUD WT= 9.1 PPG
7/19/2008	06:00 - 08:00	2.00	DRL	2	DRILL 6.125" HOLE FROM 8665 FEET TO 8697 FEET (ROTATE)
	08:00 - 08:30	0.50	CIRC	1	CIRC AND FILL TRIP TANK AND BUILD TRIP 10.1PPG SLUG PUMP SLUG
	08:30 - 17:00	8.50	TRP	2	TRIP FOR MOTOR AND NEW B.H.A. S.L.M (O.K.) NO CORRECTION
	17:00 - 18:00	1.00	TRP	1	PICK UP NEW MOTOR, BIT, ORIENTATE M.W.D. TOOLS CHECK MOTOR AT SURFACE (O.K.)
	18:00 - 22:00	4.00	TRP	2	TRIP IN THE HOLE PICK UP THE AGITATOR AND THE SHOCK SUB
	22:00 - 23:30	1.50	RIG	6	SLIP AND CUT 200 ' OF DRILLING LINE
	23:30 - 01:30	2.00	TRP	2	TRIP IN THE HOLE FILL PIPE EVERY 25 STANDS
	01:30 - 02:00	0.50	REAM	1	SAFETY WASH AND REAM 60 FEET TO BOTTOM (NOTE 5' OF FILL ON BOTTOM)
	02:00 - 03:00	1.00	DRL	2	SLIDE FROM 8698 FEET TO 8703 FEET
	03:00 - 06:00	3.00	DRL	2	ROTATE DRILL FROM 8703 FEET TO 8783
7/20/2008	06:00 - 07:00	1.00	DRL	2	ROTATE DRILL FROM 8783 TO 8800
	07:00 - 07:30	0.50	DRL	2	SLIDE DRILL FROM 8800 TO 8804 FEET
	07:30 - 09:30	2.00	DRL	2	ROTATE DRILL FROM 8804 TO 8846 FEET
	09:30 - 10:00	0.50	OTH		FOCUSED GR TEST

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Operations Summary Report

Well Name: WRU GB 13G-3-8-22
Location: 3- 8-S 22-E 26
Rig Name: ENSIGN

Spud Date: 6/12/2008
Rig Release: 8/7/2008
Rig Number: 57

Date	From - To	Hours	Code	Sub Code	Description of Operations
7/20/2008	10:00 - 14:00	4.00	DRL	2	ROTATE FROM 8846 TO 8948 FEET
	14:00 - 15:00	1.00	DRL	2	SLIDE FROM 8948 TO 8954 FEET
	15:00 - 15:30	0.50	DRL	2	ROTATE FROM 8954 TO 8975 FEET
	15:30 - 16:00	0.50	RIG	1	RIG SERVICE FUNCTION TEST ANNULAR PREVENTER
	16:00 - 20:00	4.00	DRL	2	ROTATE DRILL FROM 8975 TO 9074 FEET
	20:00 - 21:00	1.00	DRL	2	SLIDE FROM 9074 TO 9081 FEET
	21:00 - 01:30	4.50	DRL	2	ROTATE DRILL FROM 9081 FEET TO 9145 FEET
	01:30 - 02:30	1.00	DRL	2	SLIDE DRILL FROM 9145 TO 9150 FEET
	02:30 - 06:00	3.50	DRL	2	ROTATE DRILL FROM 9150 TO 9198 FEET
7/21/2008	06:00 - 09:00	3.00	DRL	2	ROTATE DIRECTIONAL DRILL FROM 9198 TO 9215 FEET
	09:00 - 10:00	1.00	DRL	2	SLIDE DRILL FROM 9215 TO 9219 FEET
	10:00 - 11:00	1.00	DRL	2	ROTATE DRILL FROM 9219 TO 9235 FEET
	11:00 - 12:00	1.00	DRL	2	SLIDE DRILL FROM 9235 FEET TO 9241 FEET
	12:00 - 13:00	1.00	DRL	2	ROTATE DRILL FROM 9241 TO 9262 FEET
	13:00 - 14:00	1.00	TRP	14	SHORT TRIP 7 STANDS
	14:00 - 14:30	0.50	RIG	1	RIG SERVICE FUNCTION TEST ANNULAR PREVENTOR
	14:30 - 15:00	0.50	DRL	2	ROTATE DRILL FROM 9262 TO 9267 FEET
	15:00 - 16:30	1.50	DRL	2	SLIDE DRILL FROM 9267 TO 9273 FEET
	16:30 - 19:30	3.00	DRL	2	ROTATE DRILL FROM 9273 TO 9300 FEET
	19:30 - 20:30	1.00	DRL	2	SLIDE DRILL FROM 9300 TO 9305 FEET
	20:30 - 00:00	3.50	DRL	2	ROTATE FROM 9305 TO 9339 FEET
	00:00 - 02:00	2.00	DRL	2	SLIDE DRILL FROM 9339 TO 9344 FEET
	02:00 - 06:00	4.00	DRL	2	ROTATE DRILL FROM 9344 TO 9367
7/22/2008	06:00 - 07:30	1.50	DRL	2	DIRECTIONAL DRILL FROM 9367 TO 9380 FEET
	07:30 - 08:30	1.00	DRL	2	SLIDE DRILL FROM 9380 TO 9389 FEET
	08:30 - 09:00	0.50	OTH		LAY DOWN 2 JOINTS BAD PIN AND BAD BOX
	09:00 - 15:30	6.50	DRL	2	DRILL FROM 9389 TO 9579 FEET
	15:30 - 16:00	0.50	RIG	1	RIG SERVICE FUNCTION TEST ANNULAR PREVENTOR
	16:00 - 19:00	3.00	DRL	2	DRILL FROM 9579 TO 9650 FEET (T.D.)
	19:00 - 20:00	1.00	CIRC	1	CIRC BOTTOMS UP FOR SHORT TRIP TO THE CASING SHOE
	20:00 - 01:00	5.00	TRP	14	SHORT TRIP TO CASING SHOE CHECK CROWN-O- MATIC
	01:00 - 02:00	1.00			PUMP HIGH VIS SWEEP AND CIRC BOTTOMS UP (HOLD PRE JOB SAFETY MEETING AND RIG UP LAY DOWN MACHINE) PUMP TRIP SLUG
	02:00 - 06:00	4.00	TRP	3	LAY DOWN 105 JOINTS OF DRILL PIPE STAND BACK 25 STANDS OF HWDP AND LAY DOWN 39 JOINTS OF DRILL PIPE TRIP OUT TO DIRECTIONAL TOOLS
7/23/2008	06:00 - 07:00	1.00	TRP	2	TRIP OUT WITH HWDP
	07:00 - 08:30	1.50	TRP	3	LAY DOWN 39 JTS OF 3 1/2" DRILL PIPE
	08:30 - 10:30	2.00	TRP	2	TRIP OUT 27 STANDS OF DRILL PIPE
	10:30 - 12:00	1.50	TRP	1	BREAK OUT AND LAY DOWN DIRECTIONAL TOOLS
	12:00 - 14:00	2.00	LOG	4	RIG UP AND RUN WIRELINE GAUGE RING
	14:00 - 16:00	2.00	LOG	4	RUN IN AND SET RBP AT 5150 FEET
	16:00 - 18:00	2.00	TRP	1	PICK UP AND ORIENT WHIPSTOCK
	18:00 - 22:00	4.00	TRP	2	TRIP IN THE HOLE WITH THE WHIPSTOCK
	22:00 - 22:30	0.50	LOG	4	RIG UP WIRE LINE TRUCK TO SET WHIPSTOCK
	22:30 - 01:30	3.00	LOG	4	ORIENT AND SET WHIPSTOCK WITH 97000 DOWN AND PULL TEST TO 120000 SET AT 198* AZIMUTH
	01:30 - 02:30	1.00	LOG	4	PULL WIRE LINE FROM DRILL PIPE AND RIG DOWN WIRE LINE TRUCK PICK UP THE KELLY AND REMOVE ROTATING HEAD DRIVE BUSHING
	02:30 - 06:00	3.50	DRL	7	CUT WINDOW IN THE 7" CASING @ 5121 FEET S.L.M.
7/24/2008	06:00 - 18:30	12.50	DRL	7	MILL WINDOW IN 7 " P-110 CASING AT 5121 FEET TO 5129 FEET DRILL RAT HOLE TO 5134 FEET
	18:30 - 20:00	1.50	REAM	1	REAM THROUGH THE WINDOW AND PUMP A HIGH VIS SWEEP TO SURFACE

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Operations Summary Report

Well Name: WRU GB 13G-3-8-22
Location: 3- 8-S 22-E 26
Rig Name: ENSIGN

Spud Date: 6/12/2008
Rig Release: 8/7/2008
Rig Number: 57

Date	From - To	Hours	Code	Sub Code	Description of Operations
7/24/2008	18:30 - 20:00	1.50	REAM	1	(RECOVERED A FAIR AMOUNT OF IRON THROUGHOUT MILLING PROCESS)
	20:00 - 23:30	3.50	TRP	10	TRIP OUT FOR DIRECTIONAL BUILDING ASSEMBLY #1
	23:30 - 00:00	0.50	OTH		LAY DOWN MILLING ASSEMBLY AND LOAD OUT SAME
	00:00 - 02:30	2.50	TRP	1	PICK UP B.H.A. #2 BUILDING ASSEMBLY
	02:30 - 03:30	1.00	OTH		ORIENT M.W.D. TOOLS AND CASED HOLE SOLUTIONS TOOLS
	03:30 - 06:00	2.50	TRP	1	TRIP IN THE HOLE WITH PUSH PIPE (DRILL PIPE)AND HWDP
7/25/2008	06:00 - 08:00	2.00	DRL	2	TRIP IN THE HOLE WITH BUILDING ASSEMBLY #1
	08:00 - 10:00	2.00	SUR	1	RUN IN THE HOLE WITH A GYRO SURVEY TOOL
	10:00 - 11:30	1.50	DRL	2	SLIDE DRILL FROM 5134 TO 5162 FEET
	11:30 - 12:00	0.50	RIG	1	RIG SERVICE AND FUNCTION ANNULAR PREVENTOR
	12:00 - 13:30	1.50	SUR	1	RU WIRELINE RUN GYRO SURVEY
	13:30 - 14:00	0.50	DRL	2	SLIDE DRILL FROM 5162 TO 5188 FEET
	14:00 - 20:30	6.50	SUR	1	RUN GYRO SURVEY AND RE RIG THE GOOSE NECK TO RUN WIRELINE THROUGH TO SURVEY WHILE SLIDING
	20:30 - 01:00	4.50	DRL	2	SLIDE DRILL FROM 5188 TO 5226 FEET
	01:00 - 03:00	2.00	SUR	1	PULL GYRO FROM THE WELL AND MAKE A CONNECTION RUN GYRO BACK TO THE MULE SHOE
	03:00 - 06:00	3.00	DRL	2	SLIDE DRILL FROM 5226 TO 5258
7/26/2008	06:00 - 07:00	1.00	DRL	2	RIG DOWN AND LOAD OUT GYRO TOOLS AND WIRE LINE TRUCK
	07:00 - 13:30	6.50	DRL	2	SLIDE DRILL FROM 5258 TO 5322 FEET
	13:30 - 14:00	0.50	RIG	1	RIG SERVICE FUNCTION TEST PIPE RAMS & H.C.R. VALVE
	14:00 - 18:00	4.00	DRL	2	SLIDE DRILL FROM 5322 TO 5335 FEET
	18:00 - 19:00	1.00	DRL	2	SLIDE DRILL FROM 5335 TO 5338 FEET
	19:00 - 23:00	4.00	TRP	2	TRIP OUT TO REBEND MOTOR FROM 2.38 TO 1.83
	23:00 - 00:30	1.50	OTH		CHANGE BIT AND REBEND THE MUD MOTOR TO 1.83 DEGREES
	00:30 - 04:00	3.50	TRP	2	TRIP IN THE HOLE WITH B.H.A. #3 WASH AND REAM 60 FEET TO BOTTOM WITH 5 FEET OF FILL
	04:00 - 06:00	2.00	DRL	2	ORINATE MOTOR AND SLIDE DRILL FROM 5338 TO 5351
7/27/2008	06:00 - 12:30	6.50	DRL	2	SLIDE DRILL FROM 5351 TO 5413 FEET (62 FEET)
	12:30 - 13:00	0.50	RIG	1	RIG SERVICE AND FUNCTION ANNULAR PREVENTOR
	13:00 - 13:30	0.50	DRL	2	ROTATE DRILL FROM 5445 TO 5451 FEET = (6 FEET)
	13:30 - 18:00	4.50	DRL	2	SLIDE DRILL FROM 5451 TO 5465 FEET (=14 FEET)
	18:00 - 19:30	1.50	DRL	2	SLIDE DRILL FROM 5465 TO 5477 FEET (= 12 FEET)
	19:30 - 20:30	1.00	DRL	2	ROTATE DRILL FROM 5477 TO 5484 FEET (= 7 FEET)
	20:30 - 23:00	2.50	DRL	2	SLIDE DRILL FROM 5484 TO 5509 FEET = (25 FEET)
	23:00 - 00:00	1.00	DRL	2	ROTATE DRILL FROM 5509 TO 5514 FEET = (5 FEET)
	00:00 - 06:00	6.00	DRL	2	SLIDE DRILL FROM 5514 TO 5550 FEET = (36 FEET)
7/28/2008	06:00 - 12:00	6.00	DRL	2	SLIDE DRILL FROM 5550 TO 5592 FEET
	12:00 - 12:30	0.50	TRP	14	SHORT TRIP PULL 4 STANDS
	12:30 - 14:00	1.50	DRL	2	SLIDE DRILL FROM 5592 TO 5602 FEET
	14:00 - 14:30	0.50	RIG	1	RIG SERVICE & FUNCTION THE PIPE RAMS
	14:30 - 06:00	15.50	DRL	2	SLIDE DRILL FROM 5602 TO 5742
7/29/2008	06:00 - 09:00	3.00	DRL	2	SLIDE DRILL FROM 5742 TO 5764 FEET
	09:00 - 10:00	1.00	DRL	2	ROTATE DRILL FROM 5764 TO 5774 FEET = 10 FEET
	10:00 - 11:00	1.00	DRL	2	SLIDE DRILL FROM 5774 TO 5781 FEET
	11:00 - 12:00	1.00	TRP	14	SHORT TRIP 6 STANDS FROM 5781 FEET TO 5220 FEET
	12:00 - 13:30	1.50	DRL	2	SLIDE DRILL FROM 5781 TO 5796 FEET
	13:30 - 14:00	0.50	RIG	1	RIG SERVICE
	14:00 - 14:30	0.50	DRL	2	ROTATE DRILL FROM 5796 TO 5804 FEET = 8 FEET
	14:30 - 06:00	15.50	DRL	2	SLIDE DRILL FROM 5804 TO 5880 (TOTAL FOR 24HRS ROTATE 18'
7/30/2008	06:00 - 08:00	2.00	DRL	2	SLIDE DRILL FROM 5880 TO 5898 FEET
	08:00 - 14:00	6.00	DRL	2	ROTATE DRILL FROM 5898 TO 5987 FEET
	14:00 - 14:30	0.50	RIG	1	RIG SERVICE AND FUNCTION PIPE RAMS

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Operations Summary Report

Well Name: WRU GB 13G-3-8-22
Location: 3- 8-S 22-E 26
Rig Name: ENSIGN

Spud Date: 6/12/2008
Rig Release: 8/7/2008
Rig Number: 57

Date	From - To	Hours	Code	Sub Code	Description of Operations
7/30/2008	14:30 - 18:30	4.00	DRL	2	ROTATE DRILL FROM 5987 6056 FEET
	18:30 - 20:00	1.50	DRL	2	SLIDE DRILL FROM 6056 TO 6064 FEET = (8 FEET)
	20:00 - 21:30	1.50	DRL	2	ROTATE DRILL FROM 6064 TO 6096 FEET, (GAMMA RAY READING ERATIC WHILE ROTATING)
	21:30 - 22:30	1.00	DRL	2	SLIDE DRILL FROM 6096 TO 6102 FEET =(6 FEET)
	22:30 - 05:00	6.50	DRL	2	ROTATE DRILL FROM 6102 TO 6211 FEET
	05:00 - 06:00	1.00	TRP	2	PUMP TRIP SLUG AND TRIP FOR B.H.A.
7/31/2008	06:00 - 09:00	3.00	DRL	2	TRIP OUT WITH BIT #10
	09:00 - 11:30	2.50	DRL	3	CHANGE OUT DIRECTIONAL TOOLS,MUD MTR.,P/U SHOCK TOOL,AGITATOR,AND ADDED 54 JT'S OF PUSH PIPE BELOW THE SHWDP. FUNCTION BLINDS ON TRIP
	11:30 - 12:00	0.50	RIG	1	RIG SERVICE,FUNCTION PIPE RAMS
	12:00 - 15:30	3.50	TRP	2	T.I.H WITH BIT # 11
	15:30 - 18:00	2.50	REAM	1	WORK TIGHT HOLE FROM 5660' TO 5850',HOLE BRIDGED OFF,TORKING,HAD 1" LONG SLIVERS OF SHALE AT SHAKERS TOOK A LITTLE TIME TO CLEAN UP HOLE SECTION
	18:00 - 19:00	1.00	REAM	1	WASH & REAM FROM 6181' TO 6211' (30')
	19:00 - 20:00	1.00	DRL	2	SLIDE F/ 6211' TO 6221'
	20:00 - 20:30	0.50	DRL	2	ROTATING F/ 6221' TO 6273'
	20:30 - 23:30	3.00	DRL	2	SLIDE F/ 6273' TO 6285'
	23:30 - 01:00	1.50	DRL	2	ROTATING F/ 6285' TO 6309'
	01:00 - 01:30	0.50	DRL	2	SLIDE F/ 6309' TO 6314'
	01:30 - 03:30	2.00	DRL	2	ROTATING F/ 6314' TO 6362'
	03:30 - 05:00	1.50	DRL	2	SLIDE F/ 6362' TO 6372'
	05:00 - 06:00	1.00	DRL	2	ROTATING F/ 6372' TO 6389' SLIDE = 37' TOTAL / ROTATING = 141' TOTAL
8/1/2008	06:00 - 07:30	1.50	DRL	2	ROTATING F/ 6389' TO 6426' - 37'
	07:30 - 08:30	1.00	DRL	2	SLIDE F/ 6426' TO 6432' - 6'
	08:30 - 12:00	3.50	DRL	2	ROTATING F/ 6432' TO 6549' - 117'
	12:00 - 12:30	0.50	RIG	1	RIG SERVICE
	12:30 - 16:30	4.00	DRL	2	ROTATING F/ 6549' TO 6650' - 101'
	16:30 - 17:30	1.00	DRL	1	SLIDE F/ 6650' TO 6659' - 9'
	17:30 - 18:30	1.00	DRL	1	ROTATING F/ 6659' TO 6714' - 55'
	18:30 - 19:00	0.50	CIRC	5	CIRCULATE UP SAMPLES PRIOR TO SHORT TRIP AT 6714'
	19:00 - 20:00	1.00	TRP	14	SHORT TRIP UP TO 6160' AND BACK TO BOTTOM
	20:00 - 20:30	0.50	DRL	2	SLIDE F/ 6714' TO 6720' - 6'
	20:30 - 22:00	1.50	DRL	1	ROTATING F/ 6720' TO 6746' - 26'
	22:00 - 22:30	0.50	DRL	2	SLIDE F/ 6746' TO 6754' - 8'
	22:30 - 23:00	0.50	DRL	1	ROTATING F/ 6754' TO 6778' - 24'
	23:00 - 23:30	0.50	DRL	2	SLIDE F/ 6778' TO 6786' - 8'
	23:30 - 00:30	1.00	DRL	1	ROTATING F/ 6786' TO 6810'
	00:30 - 01:30	1.00	DRL	2	SLIDE F/ 6810' TO 6822' - 12'
	01:30 - 06:00	4.50	DRL	1	ROTATING F/ 6822' TO 6905' - 83'
8/2/2008	06:00 - 06:30	0.50	DRL	2	SLIDE F/ 6905' TO 6917' - 12'
	06:30 - 08:30	2.00	DRL	2	ROTATING F/ 6917' TO 6970' - 53'
	08:30 - 09:30	1.00	DRL	2	SLIDE F/ 6970' TO 6976' - 6'
	09:30 - 12:00	2.50	DRL	2	ROTATING F/ 6976' TO 7065' - 89'
	12:00 - 13:00	1.00	DRL	2	SLIDE F/ 7065' TO 7071' - 6'
	13:00 - 13:30	0.50	RIG	1	RIG SERVICE
	13:30 - 18:00	4.50	DRL	2	SLIDE F/ 7071' TO 7179' - 108'
	18:00 - 19:30	1.50	DRL	2	ROTATING F/ 7179' TO 7220' - 41'(WOB 8/10,RPM 60,SPM 112,PSI 2800 AT 245 GPM)
	19:30 - 20:00	0.50	CIRC	5	CIRCULATE BTMS UP FOR SAMPLES PRIOR TO SHORT TRIP
	20:00 - 21:00	1.00	TRP	14	SHORT TRIP TO 6671' AND BACK TO BTM,HOLE WAS IN GOOD CONDITION

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Operations Summary Report

Well Name: WRU GB 13G-3-8-22
Location: 3- 8-S 22-E 26
Rig Name: ENSIGN

Spud Date: 6/12/2008
Rig Release: 8/7/2008
Rig Number: 57

Date	From - To	Hours	Code	Sub Code	Description of Operations
8/2/2008	20:00 - 21:00	1.00	TRP	14	WITH NORMAL DRAG AND NO TIGHT SPOTS.
	21:00 - 00:00	3.00	DRL	2	ROTATING F/ 7220' TO 7327' - 41'(WOB 8/10,RPM 60,SPM 112,PSI 2800 AT 245 GPM)
	00:00 - 00:30	0.50	DRL	2	SLIDE F/ 7327' TO 7335' - 8'
	00:30 - 04:00	3.50	DRL	2	ROTATING F/ 7335' TO 7447' - 112'(WOB 8/10,RPM 60,SPM 112,PSI 2800 AT 245 GPM)
	04:00 - 05:00	1.00	DRL	2	SLIDE F/ 7447' TO 7453' -6'
	05:00 - 06:00	1.00	DRL	2	ROTATING F/ 7447" TO 7488' - 41'(WOB 8/10,RPM 60,SPM 112,PSI 2800 AT 245 GPM)
8/3/2008	06:00 - 12:00	6.00	TRP	2	TRIP OUT OF HOLE F/ 7488' TO BIT #11
	12:00 - 13:30	1.50	TRP	1	L/D MOTOR & BIT / P/U NEW MOTOR & BIT #12 / SURFACE TEST MOTOR & INSTALL MWD
	13:30 - 14:30	1.00	TRP	2	T.I.H F/ SURFACE TO 1568' - 15 STDS PUSH PIPE
	14:30 - 15:00	0.50	TRP	1	INSTALL AGITATOR, SHOCK SUB & SURFACE TEST
	15:00 - 18:30	3.50	TRP	2	TRIP IN HOLE F/ 1589' TO 7418'
	18:30 - 19:00	0.50	REAM	1	WASH TO BTM 7418' TO 7488' (70')
	19:00 - 21:00	2.00	DRL	2	ROTATE F/ 7488' TO 7545' (57 FT. @ 28.5 FPH) WOB 5 ,RPM 60,SPM 112 AT 2800 PSI
	21:00 - 21:30	0.50	RIG	1	RIG SERVICE
	21:30 - 00:00	2.50	RIG	2	REPLACE INPUT CHAIN TO ROTARY SPROCKET DRIVE
	00:00 - 00:30	0.50	DRL	2	ROTATE F/ 7445' TO 7550' (WOB 5,RPM 60,SPM 110 AT 2800 PSI)
	00:30 - 01:00	0.50	DRL	2	SLIDE F/ 7550' TO 7555' - 5'
	01:00 - 03:00	2.00	DRL	2	ROTATE F/ 7555' TO 7610' (55 FT. @ 27.5 FPH) WOB 5 ,RPM 60,SPM 112 AT 2800 PSI
	03:00 - 03:30	0.50	DRL	2	SLIDE F/ 7610' TO 7614' - 4'
	03:30 - 06:00	2.50	DRL	2	ROTATE F/ 7614' TO 7666'(52 FT. @ 20.8 FPH) WOB 5,RPM 65,SPM 110 AT 2850 PSI
8/4/2008	06:00 - 11:00	5.00	DRL	2	ROTATING F/ 7666' TO 7799' (133' @ 26.6 FPH) WOB 8, RPM 60, SPM 111 @ 2850 PSI
	11:00 - 12:00	1.00	DRL	2	SLIDE F/ 7799' TO 7806' - 7'
	12:00 - 13:00	1.00	DRL	2	ROTATING F/ 7805' TO 7835' (30' @ 30 FPH) WOB 8, RPM 60, SPM 111 @ 2800 PSI
	13:00 - 13:30	0.50	DRL	2	SLIDE F/ 7835' TO 7840' - 5'
	13:30 - 14:30	1.00	DRL	2	ROTATING F/ 7840" TO 7857' (17' @ 17 FPH) WOB 8, RPM 60, SPM 112 @ 2762 PSI
	14:30 - 15:00	0.50	RIG	1	RIG SERVICE/FUNCTION PIPE RAMS
	15:00 - 16:30	1.50	DRL	2	ROTATING F/ 7857' TO 7889' (32' @ 32 FPH) WOB 8, RPM 60, SPM 112 @ 2793 PSI
	16:30 - 17:00	0.50	DRL	2	SLIDE F/ 7889' TO 7895' - 6'
	17:00 - 19:30	2.50	DRL	2	ROTATING F/ 7895' TO 7968' (73' @ 29.2 FPH) WOB 8, RPM 60, SPM 110 @ 2900 PSI
	19:30 - 20:00	0.50	DRL	2	SLIDE F/ 7968' TO 7974' - 6'
	20:00 - 21:30	1.50	DRL	2	ROTATING F/ 7974' TO 8017' (43' @ 28.6 FPH) WOB 8, RPM 60, SPM 110 @ 2900 PSI
	21:30 - 22:00	0.50	CIRC	5	CIRCULATE BTMS UP FOR SAMPLES
	22:00 - 23:00	1.00	TRP	14	SHORT TRIP TO 7400 FT.(HAD A TIGHT SPOT AT 7493')
	23:00 - 03:30	4.50	DRL	2	ROTATING F/ 8017' TO 8148' (131' @ 29.11 FPH) WOB 8, RPM 60, SPM 110 @ 2900 PSI
	03:30 - 04:00	0.50	DRL	2	SLIDE F/ 8148' TO 8154' - 6'
8/5/2008	06:00 - 12:30	6.50	DRL	2	ROTATING F/ 8207' TO 8374' (167' @ 25.6'/HR.) WOB 8, RPM 60, SPM 112 @ 2950 PSI
	12:30 - 13:30	1.00	DRL	2	SLIDE F/ 8374' TO 8381' - 7'
	13:30 - 15:30	2.00	DRL	2	ROTATING F/ 8381' TO 8431' (50' @ 25'/HR.) WOB 8, RPM 60, SPM 111 @ 2990

CONFIDENTIAL

Operations Summary Report

Well Name: WRU GB 13G-3-8-22
Location: 3- 8-S 22-E 26
Rig Name: ENSIGN

Spud Date: 6/12/2008
Rig Release: 8/7/2008
Rig Number: 57

Date	From - To	Hours	Code	Sub Code	Description of Operations
8/5/2008	15:30 - 16:00	0.50	RIG	1	RIG SERVICE
	16:00 - 19:00	3.00	DRL	2	ROTATING F/ 8431' TO 8527' (WOB 8,RPM 65,SPM 108 AT 3100 PSI,238 GPM)
	19:00 - 19:30	0.50	CIRC	7	CIRCULATE BOTTOMS UP (SAMPLES) PRIOR TO SHORT TRIP
	19:30 - 20:30	1.00	TRP	14	SHORT TRIP TO 7987' AND BACK TO BTM,NO TIGHT SPOTS,DRAG WAS NORMAL
	20:30 - 22:00	1.50	DRL	2	ROTATING F/ 8527' TO 8563 (36' @ 24.0 FPH) (WOB 8,RPM 65,SPM 108 AT 3100 PSI,238 GPM)
	22:00 - 22:30	0.50	DRL	2	SLIDE F/ 8563' TO 8570' - 7'
	22:30 - 01:30	3.00	DRL	2	ROTATING F/ 8570' TO 8660' (90' @ 30.0 FPH) (WOB 8,RPM 65,SPM 108 AT 3100 PSI,238 GPM)
	01:30 - 02:00	0.50	DRL	2	SLIDE F/ 8660' TO 8664' - 4'
	02:00 - 04:00	2.00	DRL	2	ROTATING F/ 8664' TO 8722' (58' @ 29'/HR.) WOB 8, RPM 65, SPM 110 @ 3142 PSI. 240 GPM
	04:00 - 05:00	1.00	DRL	2	SLIDE F/ 8722' TO 8724' - 2'
	05:00 - 06:00	1.00	DRL	2	ROTATING F/ 8724' TO 8735' (11' @ 11'/HR.) WOB 8, RPM 65, SPM 110 @ 3142 PSI. 240 GPM
8/6/2008	06:00 - 06:30	0.50	DRL	2	SLIDE F/ 8735' TO 8739' - 4'
	06:30 - 13:00	6.50	DRL	2	ROTATING F/ 8739' TO 8912' (173' @ 26.6 FPH)WOB 8,RPM 65,SPM 110 @ 3200 PSI @ 240 GPM
	13:00 - 13:30	0.50	DRL	2	SLIDE F/ 8912' TO 8914' - 2'
	13:30 - 14:00	0.50	DRL	2	ROTATING F/ 8914' TO 8939' (25' @ 50 FPH)WOB 8,RPM 65,SPM 110 @ 3200 PSI @ 240 GPM
	14:00 - 14:30	0.50	RIG	1	RIG SERVICE
	14:30 - 18:00	3.50	DRL	2	ROTATING F/ 8939' TO 9000' (61' @ 17.42 FPH)WOB 8,RPM 65,SPM 110 @ 3200 PSI @ 240 GPM
	18:00 - 19:00	1.00	CIRC	1	CIRCULATE
	19:00 - 22:00	3.00	TRP	2	TRIP OUT TO 5017'
	22:00 - 23:30	1.50	RIG	6	CUT DRILLING LINE
	23:30 - 02:30	3.00	TRP	2	TRIP BACK TO BOTTOM
	02:30 - 04:30	2.00	CIRC	1	CIRCULATE & RECIPROCATE PIPE
	04:30 - 06:00	1.50	TRP	2	TRIP OUT TO RUN 4.5 PRODUCTION CASING
8/7/2008	06:00 - 12:00	6.00	TRP	2	FINISH TRIP OUT
	12:00 - 13:30	1.50	TRP	1	LAY DOWN DIRECTIONAL TOOLS
	13:30 - 15:00	1.50	CSG	1	HELD SAFETY MTG. WITH ALL PERSONNEL AND RIG UP CASING CREW
	15:00 - 21:00	6.00	CSG	2	RAN 1 GUIDE SHOE,64 JT'S;PERFERATED 4.5,LT&C;P110;11.60# WITH 16 JT'S OF BLANK 4.5,LT&C;P110 11.60# WITH LINER ADAPTER,TOP OF LINER ADAPTER AT 5139',CASING SHOE AT 8600'
	21:00 - 06:00	9.00	TRP	3	LAY DOWN DRILL PIPE AND SHWDP,BREAK KELLY
8/8/2008	06:00 - 08:00	2.00	TRP	3	LAY DOWN DRILL STRING
	08:00 - 09:00	1.00	CSG	1	RIG DOWN LAY DOWN MACHINE
	09:00 - 09:30	0.50	TRP	2	PULL WEAR RING
	09:30 - 13:30	4.00	OTH		LAY DOWN KELLY, DUMP, & CLEAN ALL MUD TANKS EXCEPT THE SUCTION TANK (WHILE WAITING ON CASED HOLE SOLUTIONS (WIRELINE TRUCK) TO RUN & SET RETREIVABLE BRIDGE PLUG
	13:30 - 16:30	3.00	LOG	4	RIG UP WIRELINE, 1ST. RUN GAUGE RING/JUNK BASKET, 2ND. RUN & SET WEATHERFORD WIRELINE RETREIVABLE BRIDGE PLUG (SET @ 4621' TOP OF CCL 4610'
	16:30 - 18:00	1.50	LOC	7	FINISH CLEANING MUD SYSTEM
	18:00 - 22:00	4.00	BOP	1	NIPPLE DOWN BOP'S // RIG RELEASED @ 22:00 ON 8/7/2008
	22:00 - 06:00	8.00	LOC	4	RIG DOWN BACK YARD, FLOOR EQUIPMENT & TOOLS, PRE-PAIR RIG FOR TRUCKS THIS MORNNING

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Operations Summary Report – COMPLETION

Well Name: WRU GB 13G-3-8-22
Location: 3- 8-S 22-E 26
Rig Name:

Spud Date: 6/12/2008
Rig Release:
Rig Number:

Date	From - To	Hours	Code	Sub Code	Description of Operations
8/14/2008	06:00 - 16:00	10.00	BOP	1	Initial Completion Report. On 8/14/08 @ 7:00 AM move on location and RU RMWS #3. ND WH & NU BOP's. PU & RIH w/ 6-1/8" bit, 7" csg scraper & 94 jts 2-7/8" work string to 3040'. SWIFN. Lock rams. SDFN @ 3:00 PM. Csg Size: 4-1/2" Slotted Liner Csf Depth: 8500' MD (Open Hole 9002')
8/16/2008	06:00 - 16:00	10.00	TRP	2	Completion Report On 8/15/08 @ 7:00 AM - Finish RIH w/ bit & scraper, tag 7" RBP @ 4610'. Circulate drilling mud out of well with 150 bbls 2% KCL. POOH w/ bit & scraper. SDFWE @ 3:00 PM. 24 Hour Forecast: Run CBL, POOH with RBP, RIH w/ work string to TD. Csg Size: 4-1/2" Slotted Liner Csf Depth: 8500' MD (Open Hole 9002')
8/19/2008	06:00 - 16:00	10.00	LOG	4	Completion Report 8/18/08 @ 7:00 AM - RU Lone Wolf WL, run CBL from top of RBP @ 4610' to 250'. TOC @ 500', RD WL. RIH w/ 2-7/8" tbg & RBP retrieving tool, release RBP and POOH. PU & RIH w/ 3-7/8" bit on 2-3/8" work string to 3200'. SDFN @ 4:30 PM. 24 Hour Forecast: RIH w/ work string & bit to TD. Csg Size: 4-1/2" Slotted Liner Csf Depth: 8500' MD (Open Hole 9002')
8/20/2008	06:00 - 16:00	10.00	TRP	1	Completion Report On 8-19-08 7:00 AM Finish RIH with a 3 7/8" bit, bit sub, 121 joints 2-3/8" tubing and 2 7/8" tubing. Rotate into 4 1/2" liner @ 5139', RIH and tag 4 1/2" guide shoe @ 8570', RU power swivel and drill up shoe. Clean out open hole to 8900', tubing is starting to torque up because of drag. -Pull tubing up into liner at 7320', SDFN 3:00 PM. 24 Hour Forecast: Acidize Csg Size: 4-1/2" Slotted Liner Csf Depth: 8500' MD (Open Hole 9002')
8/21/2008	06:00 - 16:00	10.00	TRP	1	Completion Report On 8-20-08 7:00 AM RIH with 3 7/8" bit, bit sub, and tubing to 8870'. RU Superior Wells Services and pump 5000 gallons 15% HCL, packing was leaking on the pump, shut down after first stage and brought out replacement pump truck. Displace acid with 65 bbls 2% KCL and 10 bbls 10# brine. Pull tubing up to 8000', pump second stage of truck. Displace acid with 65 bbls 2% KCL and 10 bbls 10# brine. Pull tubing up to 8000', pump second stage of 5000 gallons 15% HCL, displace acid with 65 bbls 2% KCL and 10 bbls 10# brine, pull up to 7484'. Pump third 5000 gallons 15% HCL, displace acid with 65 bbls 2% KCL and 10 bbls 10# brine. pull up to 7484'. Pump third stage, 4000 gallons 15% HCL, displace with 65 bbls 2% KCL and 10 bbls 10# Brine

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Operations Summary Report

Well Name: WRU GB 13G-3-8-22
Location: 3- 8-S 22-E 26
Rig Name:

Spud Date: 6/12/2008
Rig Release:
Rig Number:

Date	From - To	Hours	Code	Sub Code	Description of Operations
8/21/2008	06:00 - 16:00	10.00	TRP	1	pull to 6966'. SDFN 6:00 PM 24 Hour Forecast: Finish Acid Job Csg Size: 4-1/2" Slotted Liner Csf Depth: 8500' MD (Open Hole 9002')
8/22/2008	06:00 - 16:00	10.00	STIM	1	Completion Report On 8-21-08 7:00 AM Open well, RU Superior Wells Services and pump 4000 gal. 15% HCL, displace acid with 40 bbls 2% KCL and 10 bbls 10# brine. Pull tubing up to 6514', pump 4000 gallons 15% HCL, displace acid with 40 bbls 2% KCL and 10 bbls 10# brine. POOH laying down workstring and bit. SDFN 4:00 PM'. 24 Hour Forecast: Run production tubing. Csg Size: 4-1/2" Slotted Liner Csf Depth: 8500' MD (Open Hole 9002')
8/23/2008	06:00 - 16:00	10.00	LOC	2	Completion Report On 8-22-08 7:00 AM Open well, PU, talley and rabbit in hole with 2-7/8" tubing (see detail). ND BOP, set 7" B-2 TAC with #12000 tension. NU WH, RU swab equipment. Made 20 swab runs, recovered 100 bbls fluid, IFL 450' FFL 650', fluid entry rate = 30 bbls/hr. Final oil cut 20% SWIFW 4:00 PM 24 Hour Forecast: Run rods and pump Csg Size: 4-1/2" Slotted Liner Csf Depth: 8500' MD (Open Hole 9002') Tubing Detail: (Final) KB 17.00 Stretch 1.00 160 Jnts 2-7/8" Tubing 5049.83 PSN 1.10 7" B-2 TAC 2.33 1 Jnt 2 7/8" Tubing w/B-N-C 32.03 Tubing tail @: 5103.29
8/26/2008	06:00 - 16:00	10.00	HOT	1	Completion Report On 8-25-08 7:00 AM Open well, RU hotoiler, flush tubing with 70 bbls chemical water. PU and bucket test new pump "OK", RIH with rods and pump, seat and space out, fill tubing with 2 bbls water. Long stroke pump to 600 psi good test, good pump action. Clamp of polish rod 12" above tag, RD service unit and moce to edge of location] SDFN 3:00 PM. FINAL REPORT Csg Size: 4-1/2" Slotted Liner Csf Depth: 8500' MD (Open Hole 9002')

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Operations Summary Report

Well Name: WRU GB 13G-3-8-22
Location: 3- 8-S 22-E 26
Rig Name:

Spud Date: 6/12/2008
Rig Release:
Rig Number:

Date	From - To	Hours	Code	Sub Code	Description of Operations
8/26/2008	06:00 - 16:00	10.00	HOT	1	Tubing Detail: (Final) KB 17.00 Stretch 1.00 160 Jnts 2-7/8" Tubing 5049.83 PSN 1.10 7" B-2 TAC 2.33 1 Jnt 2 7/8" Tubing w/B-N-C 32.03 Tubing tail @: 5103.29 Rod Detail: (Final) Pump: 1 1/2" x 26' Polish Rod Weatherford 1 -8', 1 -6', 1 -4', 1 -2' x 7/8" Ponys 2 1/2" x 1-3/4" x 20 x 20 x 21 67 -7/8" Slick RHAC #2339 134 -3/4" Slick
9/13/2008	07:00 - 19:30	12.50	LOC	4	Bottom Lateral Completion On 9/12/08 @ 7:00 AM - Wait for grader to grade road into location. @ 1200 Noon - MIRU, unhang rods, LD H-head, unseat pump, hot oiler flushed tbg w/ 80 bbls 2% KCL. POOH w/ rods & pump, x-over to tbg equipment. Unland tbg, release 7" B-2 TAC, NU BOP's, RU rig floor, POOH w/ 100 jts 2-7/8" tbg. SDFN @ 7:30 PM. Csg Size: 7", 26#/ Open Hole Csg Depth: 6043' MD (Open Hole 9650')
9/14/2008	07:00 - 19:30	12.50	LOC	4	Bottom Lateral Completion On 9/13/08 @ 7:00 AM 0 psi on well. POOH w/ remaining tbg, LD TAC. RIH w/ 7" csg scraper & 161 jts 2-7/8" tbg to top of window @ 5121'. POOH w/ 100 jts tbg leaving 61 jts in hole for kill string. SDFW @ 2:00 PM. 24 Hour Forecast: Pull whipstock and RBP. Csg Size: 7", 26#/ Open Hole Csg Depth: 6043' MD (Open Hole 9650')
9/16/2008	07:00 - 19:00	12.00	LOC	4	Bottom Lateral Completion On 9/15/08 @ 7:00 AM - 0 psi on well. Wait for new drill-line to arrive on location. Install new drill line on rig. @ 1:00 PM POOH w/ kill string and csg scraper. RIH w/ 120' of whipstock retrieving tools and 150 jts 2-7/8" tbg. SDFN @ 7:00 PM. 24 Hour Forecast: Pull whipstock and RBP. Csg Size: 7", 26#/ Open Hole Csg Depth: 6043' MD (Open Hole 9650')
9/17/2008	07:00 - 19:00	12.00	LOC	4	Bottom Lateral Completion On 9/16/08 @ 7:00 AM - 0 psi on well. RIH, retrieve & POOH w/ whipstock. RIH w/ RBP retrieving head & tbg to RBP @ 5140', release & POOH w/ plug. RIH w/ 4-3/4" bit, bit sub & 161 jts 2-7/8" tbg. SDFN @ 7"00 PM. NOTE: Hot Oiler cleaned tools and work area. 24 Hour Forecast: Finish RIH w/ bit and acidize. Csg Size: 7", 26#/ Open Hole Csg Depth: 6043' MD (Open Hole 9650')
9/18/2008	07:00 - 19:00	12.00	TRP	7	Bottom Lateral Completion On 9-17-08 7:00 AM 0 psi on well. Spot tubing trailer, pickup and drift in hole with 141

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Questar E & P

Operations Summary Report

Well Name: WRU GB 13G-3-8-22
Location: 3- 8-S 22-E 26
Rig Name:

Spud Date: 6/12/2008
Rig Release:
Rig Number:

Date	From - To	Hours	Code	Sub Code	Description of Operations
9/18/2008	07:00 - 19:00	12.00	TRP	7	joints 2 7/8" tubing, tag TD @ 9650'. Pull up to 9500', RU acid crew, pump 5000 gallons 15% HCL, flush with 75 bbls 2% KCL, pump 20 bbls brine down casing to kill backside. Pull up to 9000', pump 5000 gallons 15% HCL, flush with 72 bbls 2% KCL, pump 30 bbls brine down casing to kill backside. Pull up to 8400', pump 5000 gallons 15% HCL, flush with 69 bbls 2% KCL, pump 10 bbls brine down casing to kill backside. Pull up to 7600', pump 3000 gallons 15% HCL, flush with 64 bbls 2% KCL. Pull up to 6890', pump 4000 gallons 15% HCL, flush with 60 bbls 2% KCL,pull up to 6650'. Pump 4000 gallons 15% HCL, flush with 59 bbls 2% KCL. RD acid crew, SDFN 9:00 PM. 24 Hour Forecast: POOH with work string, run production tubing, swab back acid. LLTR: 1006 Csg Size: 7", 26#/ Open Hole Csg Depth: 6043' MD (Open Hole 9650')
9/19/2008	07:00 - 19:00	12.00	TRP	10	Bottom Lateral Completion On 9/18/08 7:00 AM 0 PSI on TBG. Small blow on CSG. POOH W/TBG. & 4 3/4" Bit and bit sub. RIH w/141 jts. of work string out of derrik and POOH sideways. RIH w/161 jts of 2 7/8" out of derrick to 5600' RU swab equipment. SWIFN. 7:00 pm. LLTR: 1006 Csg Size: 7", 26#/ Open Hole Csg Depth: 6043' MD (Open Hole 9650')
9/20/2008	07:00 - 19:00	12.00	SWAB	1	Bottom Lateral Completion On 9/19/08 7:00 AM 0 psi on TBG and CSG. RIH w/swab, made 25 swab runs recovered 400 bbl of fluid w/10% oil on every run, w/lots of gas. IFL 1300' w/ph on #1. FFL scattered w/ph paper on #4. Secure well. SDFW. 7:00PM. LLTR: 1006 Csg Size: 7", 26#/ Open Hole Csg Depth: 6043' MD (Open Hole 9650')
9/23/2008	07:00 - 19:00	12.00	SWAB	1	Bottom Lateral Completion On 9/22/08 7:00 AM SITP 0 SICP 220 PSI, RIH w/swab made 18 swab runs recovered 500 bbl fluid showing 98% oil on each run w/lots of gas, IFL @ 1300' w/PH paper on #1, FFL scattered w.PH on #1. Note will flowing for 20 minutes after each run on the last 5 runs. SWIFN. 6:00PM LLTR: 1006 Csg Size: 7", 26#/ Open Hole Csg Depth: 6043' MD (Open Hole 9650')
9/24/2008	07:00 - 19:00	12.00	BOP	1	Bottom Lateral Completion On 9/23/08 7:00 AM TBG. 0 psi, CSG.350 psi. Open CSG. To pit, flow died off in 10 minutes. TBG. Started to flow let TBG. Flow into flat tank while hot oiler cleaned oil out of cellar and washed floor, Tbg. Flowing 99% oil and PH paper on #1. Kill Tbg.w/10 bbl 2% KCL water, POOH w/160 jts 2 7/8" tbg. & BNC. RIH w/production TBG. (Detail below) RD floor ND BOP's set 7" B-2 TAC and TBG. On B-1 flange w/14000# tension NUWH & flowlines x-over to rod equipment. RIH w/rods out of derrick. SWIFN. 7:00 pm

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Operations Summary Report

Well Name: WRU GB 13G-3-8-22
Location: 3- 8-S 22-E 26
Rig Name:

Spud Date: 6/12/2008
Rig Release:
Rig Number:

Date	From - To	Hours	Code	Sub Code	Description of Operations
9/24/2008	07:00 - 19:00	12.00	BOP	1	EOT @ 5332.65' SN @ 5300.67' TAC @ 5083.36' LLTR: 1006 Csg Size: 7", 26#/ Open Hole Csg Depth: 6043' MD (Open Hole 9650') Tubing Detail: (Final) KB 17.00 Stretch 1.50 160 JTS 2 7/8" TBG. 5062.11 7" B-2 TAC 2.75 2 JTS2 7/8" TBG. 63.24 4 JTS Boronized 2 7/8" 126.90 6' PUP JT. 6.35 PUMP BBL (NATIONAL) 19.92 S-N W/DIP TUBE 0.90 4" SGA W/BULL PLUG 31.98 Tubing tail @: 5332.65
9/25/2008	07:00 - 19:00	12.00	BOP	1	Bottom Lateral Completion On 9/24/08 7:00 AM TBG. & CSG. 0 PSI. POOH w/rods laying down 67-7/8" and 134 - 3/4" old grade D rods, sent to RW yard. PU & RIH w/TBG. Pump Plunger and rods (detail below) seat & space out pump hole standing full. Long stroke pump f/200 to 800 psi one stroke. Good test, good pump action. Install H-head, hang off rods 2' from tag, SDFN. Turn well over to production 6:30 PM. FINAL REPORT LLTR: 1006 Perfs: TD VERT 5548' - 5592' TD HORIZ 9000' -9650' Csg Size: 7", 26#/ Open Hole Csg Depth: 6043' MD (Open Hole 9650') Tubing Detail: (Final) KB 17.00 Stretch 1.50 160 JTS 2 7/8" TBG. 5062.11 7" B-2 TAC 2.75 2 JTS2 7/8" TBG. 63.24 4 JTS Boronized 2 7/8" 126.90 6' PUP JT. 6.35 PUMP BBL (NATIONAL) 19.92 S-N W/DIP TUBE 0.90 4" SGA W/BULL PLUG 31.98 Tubing tail @: 5332.65 Rod Detail: (Final) Pump

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Operations Summary Report

Well Name: WRU GB 13G-3-8-22
Location: 3- 8-S 22-E 26
Rig Name:

Spud Date: 6/12/2008
Rig Release:
Rig Number:

Date	From - To	Hours	Code	Sub Code	Description of Operations
9/25/2008	07:00 - 19:00	12.00	BOP	1	1 1/2" 26' Polish Rod 1-2' x 7/8" Pony 74 -7/8" S-88 HS Rods 135 -3/4" S-88 HS Rods 1-4' x 3/4" Guided Pony 2 1/4" OD X 4' Plunger w/1 1/4" x 27' Extension National Oilwell 2 1/4" x 20' TBG. Pump #QS 537 Mechanical

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United States Department of the Interior

BUREAU OF LAND MANAGEMENT
Utah State Office
P.O. Box 45155
Salt Lake City, UT 84145-0155
http://www.blm.gov/ut/st/en.html

TAKE PRIDE IN AMERICA

T8S R22E Sec 3
43047 39792

IN REPLY REFER TO
3180
UT-922

June 29, 2009

Birgit I. Roesink-Miller
Questar Expl. & Prod. Co.
1050 17th Street, Suite 500
Denver, Colorado 80265

Re: Initial Consolidated Green River Formation Participating Area "A"
White River Unit
Uintah County, Utah

Dear Ms. Roesink-Miller:

The Initial Consolidated Green River Formation Participating Area "A", White River Unit, CRS No. UTU63021G, AFS No. 891003509G, is hereby approved effective as of August 1, 2008, pursuant to Section 11 of the Chapita Wells Unit Agreement, Uintah County, Utah.

The Initial Consolidated Green River Formation Participating Area "A", results in a total of 1,878.76 acres and is based upon the recompletion of Unit Well No. WRU GB 13G-3-8-22, API No. 43-047-39792, bottom hole located in the NE¼NE¼ of Section 10, Township 8 South, Range 22 East, SLM&B, Unit Tract No. 11, Lease No. UTU0971A, as a well capable of producing unitized substances in paying quantities.

Copies of the approved request are being distributed to the appropriate agencies and one copy is returned herewith. Please advise all interested parties of the approval of the Initial Consolidated Green River Formation Participating Area "A", White River Unit, and the effective date.

Sincerely,

/s/ Becky J. Hammond

Becky J. Hammond
Chief, Branch of Fluid Minerals

Enclosure

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DIV. OF OIL, GAS & MINING

Division of Oil, Gas and Mining

OPERATOR CHANGE WORKSHEET (for state use only)

ROUTING
CDW

Change of Operator (Well Sold) **X - Operator Name Change**

The operator of the well(s) listed below has changed, effective: **6/14/2010**

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

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.

5. LEASE DESIGNATION AND SERIAL NUMBER: See attached

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: See attached

7. UNIT or CA AGREEMENT NAME: See attached

8. WELL NAME and NUMBER: See attached

9. API NUMBER: Attached

10. FIELD AND POOL, OR WILDCAT: See attached

1. TYPE OF WELL: OIL WELL ☐ GAS WELL ☐ OTHER

2. NAME OF OPERATOR: Questar Exploration and Production Company N5085

3. ADDRESS OF OPERATOR: 1050 17th Street, Suite 500 CITY 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		
☑ NOTICE OF INTENT (Submit in Duplicate)	☐ ACIDIZE	☐ DEEPEN	☐ REPERFORATE CURRENT FORMATION
Approximate date work will start: 6/14/2010	☐ ALTER CASING	☐ FRACTURE TREAT	☐ SIDETRACK TO REPAIR WELL
	☐ CASING REPAIR	☐ NEW CONSTRUCTION	☐ TEMPORARILY ABANDON
	☐ CHANGE TO PREVIOUS PLANS	☐ OPERATOR CHANGE	☐ TUBING REPAIR
	☐ CHANGE TUBING	☐ PLUG AND ABANDON	☐ VENT OR FLARE
☐ SUBSEQUENT REPORT (Submit Original Form Only)	☐ CHANGE WELL NAME	☐ PLUG BACK	☐ WATER DISPOSAL
Date of work completion:	☐ CHANGE WELL STATUS	☐ PRODUCTION (START/RESUME)	☐ WATER SHUT-OFF
	☐ COMMINGLE PRODUCING FORMATIONS	☐ RECLAMATION OF WELL SITE	☑ OTHER: Operator Name Change
	☐ CONVERT WELL TYPE	☐ RECOMPLETE - DIFFERENT FORMATION	

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

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

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

Utah State Bond Number: ~~965003033~~ 965010695

Fee Land Bond Number: ~~965003033~~

BIA Bond Number: ~~799446~~ 965010693

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

NAME (PLEASE PRINT): Morgan Anderson TITLE: Regulatory Affairs Analyst

SIGNATURE: Morgan Anderson DATE: 6/23/2010

(This space for State use only)

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JUN 28 2010
DIV. OF OIL, GAS & MINING

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

(5/2000) (See Instructions on Reverse Side)

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

Bonds: BLM = ESB000024
BIA = 956010693
State = 965010695

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

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

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	

Bonds: BLM = ESB000024
BIA = 956010693
State = 965010695

United States Department of the Interior

BUREAU OF LAND MANAGEMENT
Utah State Office
P.O. Box 45155
Salt Lake City, UT 84145-0155
http://www.blm.gov/ut/st/en.html

TAKE PRIDE IN AMERICA

IN REPLY REFER TO:
3100
(UT-922)

JUL 28 2010

Memorandum

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

From: Chief, Branch of Minerals Roger L Bankert

Subject: Name Change Recognized

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

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

cc: MMS
UDOGM

RECEIVED
AUG 16 2010
DIV. OF OIL, GAS & MINING