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

TYPE OF WORK: DRILL ☑ DEEPEN ☐	5. LEASE DESIGNATION AND SERIAL NO.: UTU-10164
TYPE OF WELL: ☐ OIL WELL ☑ GAS WELL ☐ OTHER — SINGLE ZONE ☑ MULTIPLE ZONE ☐	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: UTE TRIBE
	7. UNIT AGREEMENT NAME: N/A
	8. FARM OR LEASE NAME, WELL NO.: FR 9P-20-14-20
2. NAME OF OPERATOR: QUESTAR EXPLORATION & PRODUCTION, CO. — Contact: Jan Nelson, E-Mail: jan.nelson@questar.com	9.API NUMBER: 43-047-39461
3. ADDRESS: 1571 E 1700 S VERNAL, UT 84078 — Telphone number: Phone 435-781-4032 Fax 435-781-4045	10. FIELD AND POOL, OR WILDCAT: UNDESIGNATED
4. LOCATION OF WELL (Report location clearly and in accordance with and State requirements*) At Surface 612104X 1830' FSL 771' FEL, NESE, SECTION 20, T14S, R20E At proposed production zone 4382036Y 39.582598 -109.694657	11. SEC.,T, R, M, OR BLK & SURVEY OR AREA: SEC. 20, T14S, R20E Mer SLB
14. DISTANCE IN MILES FROM NEAREST TOWN OR POSTOFFICE*: 51+ / - MILES FROM OURAY, 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): 771' +/-	16.NO.OF ACRES IN LEASE: 1760.00 — 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: 3,606' +/-	19. PROPOSED DEPTH: 12,183' — 20. BLM/BIA Bond No. on file: ESB000024
21. ELEVATIONS (Show whether DF, RT, GR, ect.): 7101.0' GR	22. DATE WORK WILL START: ASAP — 23. Estimated duration: 20 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 7/25/2007

TITLE Regulatory Affairs

(This space for Federal or State office use)

PERMIT NO. 43-047-39461 APPROVAL DATE

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

CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY [signature] TITLE BRADLEY G. HILL ENVIRONMENTAL MANAGER DATE 07-30-07

*See Instructions On Reverse Side

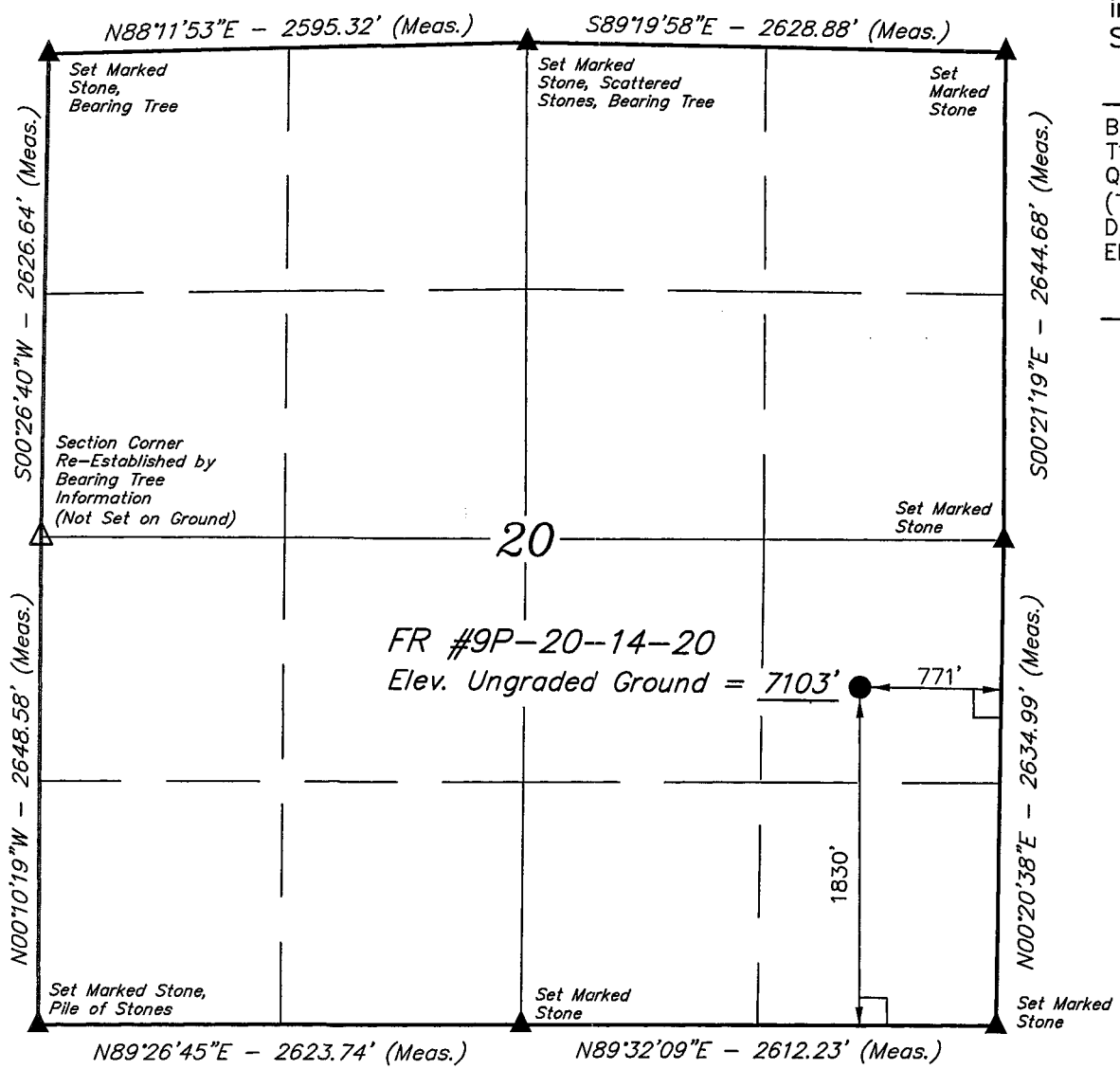
Title 18 U.S.C Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction

Federal Approval of this Action is Necessary

RECEIVED
JUL 27 2007
DIV. OF OIL, GAS & MINING

CONFIDENTIAL

T14S, R20E, S.L.B.&M.



QUESTAR EXPLR. & PROD.

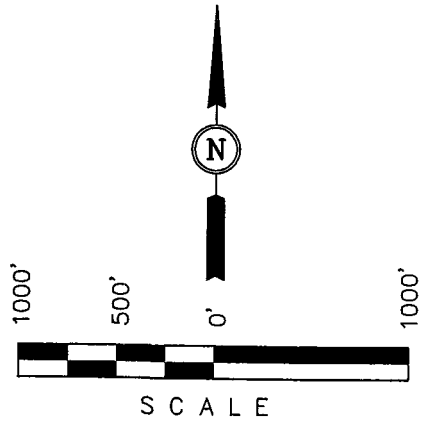
Well location, FR #9P-20-14-20, located as shown in the NE 1/4 SE 1/4 of Section 20, T14S, R20E, S.L.B.&M., Uintah County, Utah.

BASIS OF ELEVATION

BENCH MARK (59 WF) LOCATED IN THE NW 1/4 OF SECTION 10, T15S, R20E, S.L.B.&M., TAKEN FROM THE FLAT ROCK MESA QUADRANGLE, UTAH, UINTAH COUNTY, 7.5 MINUTE SERIES (TOPOGRAPHICAL MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 7449 FEET.

BASIS OF BEARINGS

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



SCALE

CERTIFICATE

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

REGISTERED LAND SURVEYOR No. 161319 STATE OF UTAH — ROBERT KAY

ROBERT KAY
REGISTERED LAND SURVEYOR
REGISTRATION NO. 161319
STATE OF UTAH

LEGEND:

- └ = 90° SYMBOL
- ● = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.
- △ = SECTION CORNERS RE-ESTABLISHED. (Not Set on Ground)

(AUTONOMOUS NAD 83)
LATITUDE = 39°34'57.39" (39.582608)
LONGITUDE = 109°41'43.19" (109.695331)
(AUTONOMOUS NAD 27)
LATITUDE = 39°34'57.52" (39.582644)
LONGITUDE = 109°41'40.70" (109.694639)

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

SCALE: 1" = 1000'	DATE SURVEYED: 05-08-07	DATE DRAWN: 05-10-07
PARTY: B.H. C.G. L.K.	REFERENCES: G.L.O. PLAT	
WEATHER: WARM	FILE: QUESTAR EXPLR. & PROD.	

Additional Operator Remarks

Questar Explor. & Prod. Co. proposes to drill a well to 12,183' to test the Wingate. If productive, casing will be run and the well completed. If dry, the well will be plugged and abandoned as per BLM and State of Utah requirements"

Please see Onshore Oil & Gas Order NO. 1

Please be advised that Questar Explor. & Prod. Co. agrees to be responsible under the terms and conditions of the lease for the operations conducted upon the lease lands.

Bond coverage for this well is provided by Bond No.ESB000024. The principal is Questar Explor. & Prod. Co. via surety as consent as provided for the 43 CFR 3104.2.

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

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

1. Formation Tops

The estimated tops of important geologic markers are as follows:

Formation	TVD	MD	Prod. Phase Anticipated
Green River	Sfc	Sfc	
Wasatch	1980	1980	
Mesa Verde	3973	3973	Gas
Castlegate	6001	6001	
Mancos	6761	6761	
Dakota Silt	10,328	10,328	
Dakota	10,423	10,423	Gas
Cedar Mountain	10,503	10,503	
Morrison	10,713	10,713	
Curtis	11,268	11,268	
Entrada	11,348	11,348	Gas
Carmel	11,673	11,673	
Wingate	11,883	11,883	Gas
TD	12,183	12,183	

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

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

Substance	Formation	TVD Depth	MD Depth
Gas	Mesaverde	3,973'	3,973'
Gas	Dakota	10,423'	10,423'
Gas	Entrada	11,348'	11,348'
Gas	Wingate	11,883'	11,883'

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

All water shows and water-bearing sands will be reported to the BLM in Vernal, Utah. Copies of State of Utah form OGC-8-X are acceptable. If no flows are detected, samples will be submitted to the BLM along with any water analyses conducted. Fresh water will be obtained from Willow Creek water right #49-2183 / Permit# T75500.

All waste water resulting from drilling operations will be disposed of at RNI disposal pit located in NWNE Section 5, T9S, R22E.

3. Operator's Specification for Pressure Control Equipment:

A. 5,000 psi W.P. Double Gate BOP or Single Gate BOP (schematic attached)

B. Functional test daily

C. All casing strings shall be pressure tested (0.2 psi/foot or 1500 psi, or 70 % of burst whichever is greater) prior to drilling the plug after cementing; test pressure shall not exceed the internal yield pressure of the casing.

D. Ram type preventers and associated equipment shall be tested to approved stack working pressure if isolated by test plug or to 50 percent of internal yield pressure of casing whichever is less. BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc..., for a 5M system and individual components shall be operable as designed.

4. Casing Program

	Depth	Hole Size	Csg Size	Type	Weight
Surface	500'	14-3/4"	10-3/4"	J-55	40.5lb/ft (STC new)
Intermediate	3600'	9-7/8"	7 5/8"	P-110	29.7lb/ft (LTC new)
Production	TD	6 ½"	4 ½"	P-110	13.5lb/ft(LTC new)

5. Auxiliary Equipment

A. Kelly Cock – yes

B. Float at the bit – no

C. Monitoring equipment on the mud system – visually

D. Full opening safety valve on the rig floor – yes

E. Rotating Head – yes
If drilling with air the following will be used:

F. The blooie line shall be at least 6" in diameter and extend at least 100' from the well bore into the reserve/blooie pit.

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

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

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

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

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

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

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

6. Testing, logging and coring program

A. Cores – none anticipated

B. DST – none anticipated

Logging – Mud logging – 3600 to TD
GR-SP-Induction
Neutron Density
FMI

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

7. Cementing Program

See attached Cementing Recommendation.

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

8. Anticipated Abnormal Pressures and Temperatures, Other Potential Hazards

No abnormal temperatures or pressures are anticipated. No H2S has been encountered in or known to exist from previous wells drilled to similar depths in the general area. Maximum anticipated bottom hole pressure equals approximately 5522 psi. Maximum anticipated bottom hole temperature is 220° F.

9. Surface Owner
The well pad and access road are located on lands owned by the Ute Tribe.

QUESTAR EXPLORATION & PRODUCTION, CO.
FR 9P-20-14-20
1830' FSL 771' FEL
NESE, SECTION 20, T14S, R20E
UINTAH COUNTY, UTAH
LEASE # UTU-10164

ONSHORE ORDER NO. 1

MULTI – POINT SURFACE USE & OPERATIONS PLAN

1. **Existing Roads:**

The proposed well site is approximately 51 miles from Ouray, Utah.

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

2. **Planned Access Roads:**

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:**

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

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

Fresh water for drilling purposes will be obtained from Willow Creek water #49-2183/ Permit# T75500.

6. **Source of Construction Materials:**

Surface and subsoil materials in the immediate area will be utilized. Any gravel will be obtained from a commercial source. The use of materials under BLM jurisdiction will conform with 43 CFR 3610.2-3.

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

Drill cuttings will be contained and buried in the reserve pit. Drilling fluids, including salts and chemicals, will be contained in the reserve pit. Upon termination of drilling and completion operations, the liquid contents of the reserve pit will be used at the next drill site or will be removed and disposed of at an approved waste disposal facility with 120 days after drilling is terminated. Immediately upon well completion, any hydrocarbons in the pit shall be removed in accordance with 43 CFR 3162.7-1.

After first production, produced wastewater will be confined to the approved pit or storage tank for a period not to exceed 90 days. During the 90 day period, in accordance with Onshore Order #7, all produced water will be contained in tanks on location and then hauled to Wonsits Valley location in SWNW section 12, T8S, R21E; or Red Wash Disposal Well located in NESW, Section 28, T7S, R22E; or, Red Wash Central Battery Disposal located in SWSE, Section 27, T7S, R23E. Pit reclamation for lined pit will be ruptured when emptied to allow the remaining liquid to be adequately mixed and to promote additional drying of the pit area.

8. Ancillary Facilities:

None anticipated.

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 felt if rock encountered.

10. Plans for Reclamation of the Surface:

Topsoil will be stripped and salvaged to provide for sufficient quantities to be respread to a depth of at least 4 to 6 inches over the disturbed areas to be reclaimed. Topsoil shall be stock piled separately from subsoil materials. Topsoil salvaged from the reserve pit shall be stockpiled separately near the reserve pit. Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, materials, trash, and debris not required for production. Alternatively, the pit will be pumped dry, the liner folded into the pit, and the pit backfilled. The reserve pit will be reclaimed within 120 days from the date of well completion, weather permitting.

Seed mix # 1

11. Surface Ownership:

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

Ute Tribe
P.O. Box 70
Fort Duchesne, UT 84026

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.

Lessee's or Operator's Representative:

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

Certification:

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

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

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

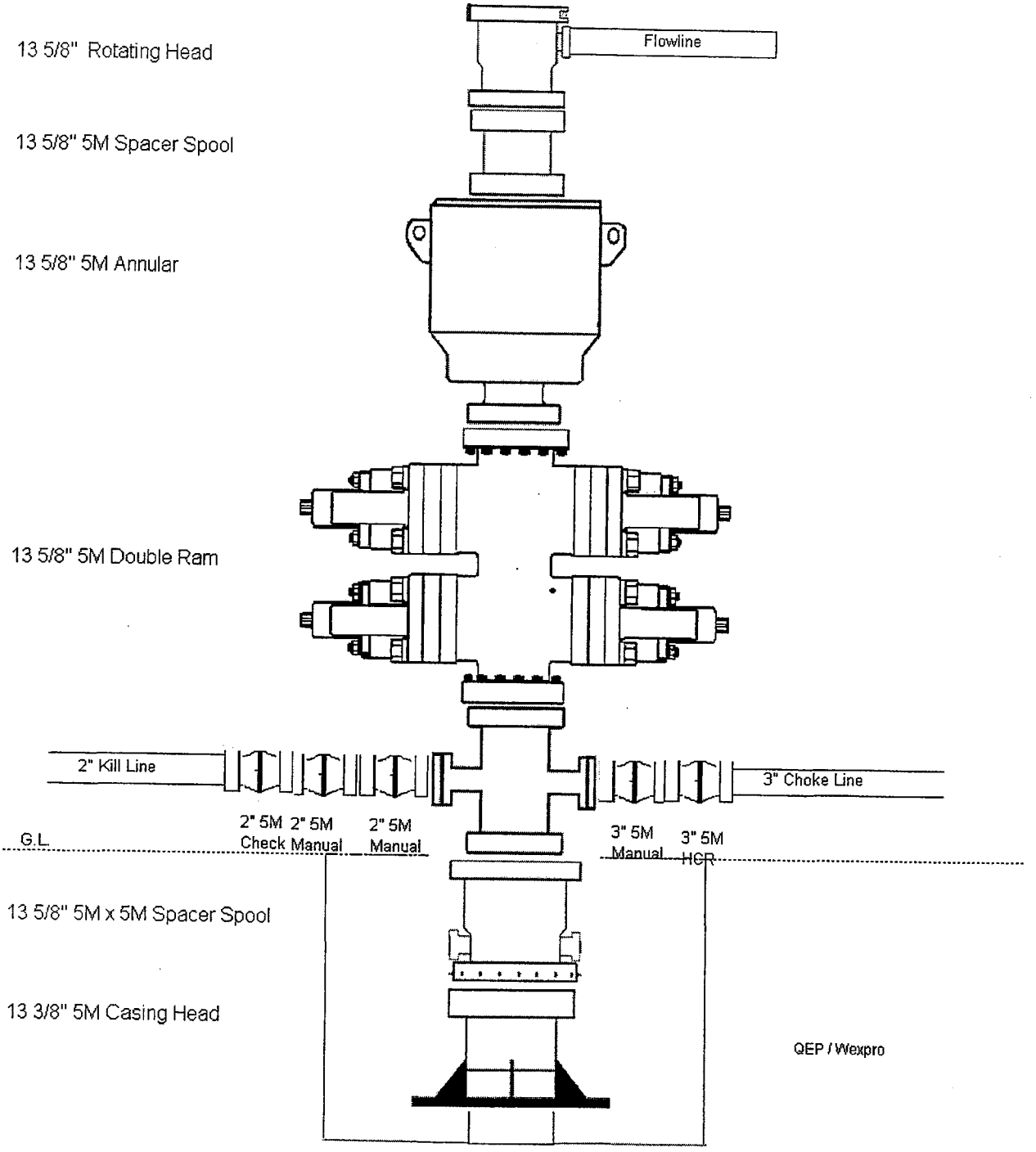
I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which currently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by QEP 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.

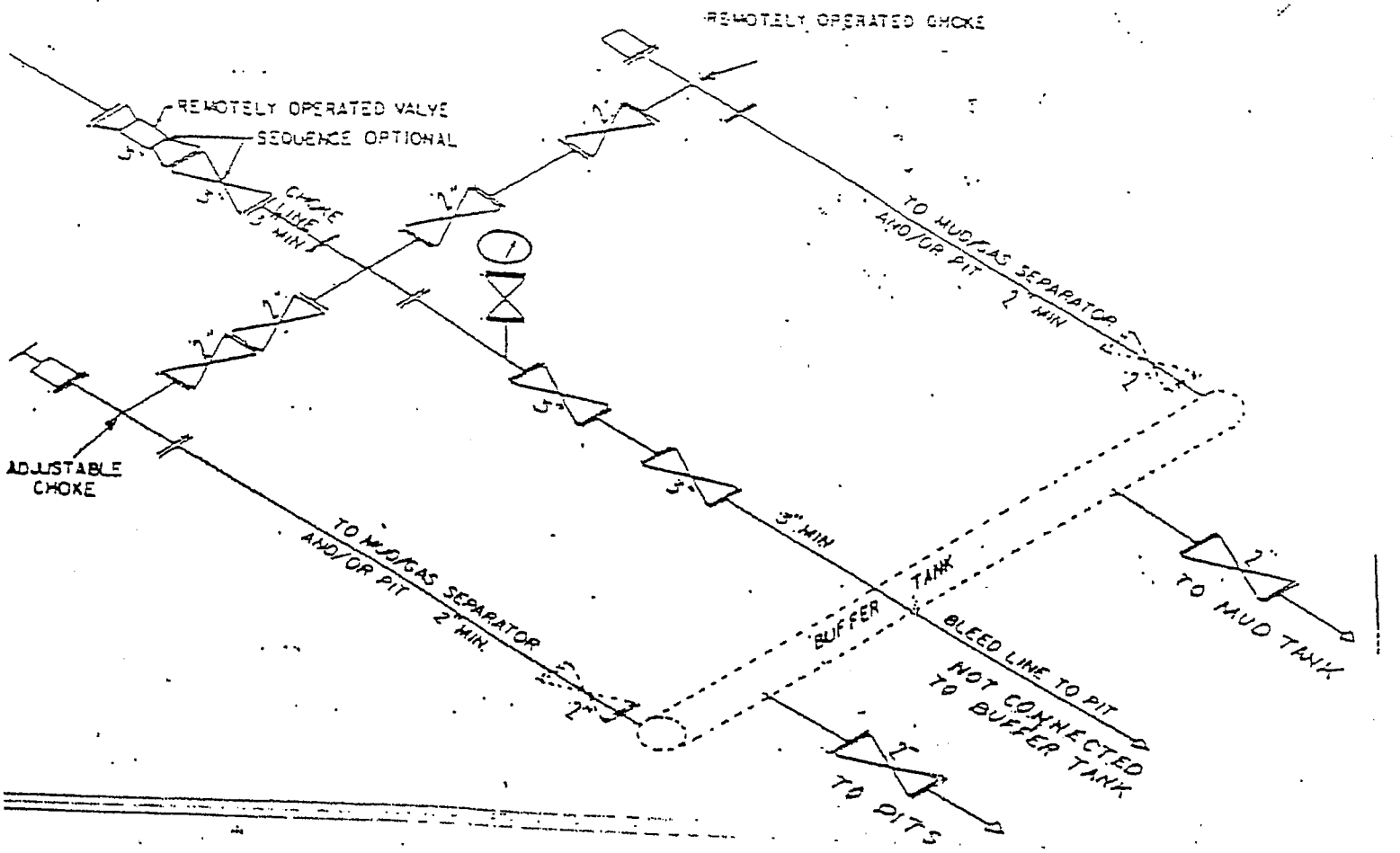
Jan Nelson
Red Wash Representative

25-Jul-07
Date

ONSHORE OIL & GAS ORDER NO. 1
QUESTAR EXPLORATION & PRODUCTION, CO.

DRILLING PROGRAM





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

[FR Doc. 88-25738 Filed 11-17-88; 8:45 am]
BILLING CODE 4310-84-C

Q E P E-bill
1050 17th Street, Ste 500-do Not Ma
Denver, Colorado 80265

Flat Rock 9P-20-14-20
Flat Rock Field
Uintah County, Utah
United States of America

Cementing Recommendation

Prepared for: Mr. Jim Davidson
Office Number: 303-308-3090
July 17, 2007
Version: 133795-1

Submitted by:
Aaron James
Halliburton Energy Services
1125 17th St Suite 1900
Denver, Colorado 80202
303.899.4717

HALLIBURTON

Flat Rock	9P-20-14-20
14-3/4" Surface Open Hole	0 - 500 ft (MD)
	0 - 500 ft (TVD)
Inner Diameter	14.750 in
Job Excess	100 %
10-3/4" Surface Casing	0 - 500 ft (MD)
	0 - 500 ft (TVD)
Outer Diameter	10.750 in
Inner Diameter	10.050 in
Linear Weight	40.50 lbm/ft
Casing Grade	J-55
Mud Type	Air

Spacer:

Total Spacer	= 112.29 ft^3
	= 20.00 bbl

Cement : (500.00 ft fill)

500.00 ft * 0.5563 ft^3/ft * 100 %	= 556.32 ft^3
Total Primary Cement	= 556.32 ft^3
	= 99.09 bbl
Sacks of Cement	= 321 sks

Shoe Joint Volume: (42.00 ft fill)

42.00 ft * 0.5509 ft^3/ft	= 23.14 ft^3
	= 4.12 bbl
Tail plus shoe joint	= 579.46 ft^3
	= 103.21 bbl

Total Pipe Capacity:

	= 49.06 bbl

Displacement Volume to Shoe Joint:

Capacity of Pipe - Shoe Joint	= 49.06 bbl - 4.12 bbl
	= 44.94 bbl

Fluid Instructions

Fluid 1: Water Based Spacer
Gel Water

Fluid Density:	8.34 lbm/gal
Fluid Volume:	20 bbl

Fluid 2: Primary Cement
Rockies LT
0.25 lbm/sk Kwik Seal (Lost Circulation Additive)
0.125 lbm/sk Poly-E-Flake (Lost Circulation Additive)

Fluid Weight	13.50 lbm/gal
Slurry Yield:	1.80 ft^3/sk
Total Mixing Fluid:	9.33 Gal/sk
Top of Fluid:	0 ft
Calculated Fill:	500 ft
Volume:	103.21 bbl
Calculated Sacks:	321.39 sks
Proposed Sacks:	330 sks

Fluid 3: Water Spacer
Water Displacement

Fluid Density:	8.34 lbm/gal
Fluid Volume:	44.94 bbl

Fluid 4: Top Out Cement
Premium Plus - Type III
2 % Calcium Chloride (Accelerator)

Fluid Weight	14.50 lbm/gal
Slurry Yield:	1.41 ft^3/sk
Total Mixing Fluid:	6.86 Gal/sk
Proposed Sacks:	200 sks

Detailed Pumping Schedule

Fluid #	Fluid Type	Fluid Name	Surface Density lbm/gal	Estimated Avg Rate bbl/min	Downhole Volume
1	Spacer	Gel Water	8.3	5.0	20 bbl
2	Cement	Rockies LTCement	13.5	5.0	330 sks
3	Spacer	Water Displacement	8.3	5.0	44.94 bbl
4	Cement	Top Out Cement	14.5	1.5	200 sks

Flat Rock	9P-20-14-20
10-3/4" Surface Casing	0 - 500 ft (MD)
	0 - 500 ft (TVD)
Outer Diameter	10.750 in
Inner Diameter	10.050 in
Linear Weight	40.50 lbm/ft
Casing Grade	J-55
9-7/8" Intermediate Open Hole	500 - 3600 ft (MD)
Inner Diameter	9.875 in
Job Excess	50 %
7-5/8" Intermediate Casing	0 - 3600 ft (MD)
Outer Diameter	7.625 in
Inner Diameter	6.875 in
Linear Weight	29.70 lbm/ft
Casing Grade	P-110
Mud Type	Aerated
Mud Weight	8.40 lbm/gal
BHCT	95 degF

Spacer:

Total Spacer	= 56.15 ft^3
	= 10.00 bbl

Spacer:

Total Spacer	= 112.29 ft^3
	= 20.00 bbl

Spacer:

Total Spacer	= 56.15 ft^3
	= 10.00 bbl

Cement : (2200.00 ft fill)

500.00 ft * 0.2338 ft^3/ft * 0 %	= 116.89 ft^3
1700.00 ft * 0.2148 ft^3/ft * 50 %	= 547.63 ft^3
Total Foamed Lead Cement	= 664.52 ft^3
	= 118.36 bbl
Sacks of Cement	= 264 sks

Cement : (900.00 ft fill)

900.00 ft * 0.2148 ft^3/ft * 50 %	= 289.92 ft^3
Total Foamed Lead Cement	= 289.92 ft^3
	= 51.64 bbl
Sacks of Cement	= 149 sks

Cement : (500.00 ft fill)

500.00 ft * 0.2148 ft^3/ft * 50 %	= 161.07 ft^3
Total Tail Cement	= 161.07 ft^3
	= 28.69 bbl
Sacks of Cement	= 117 sks

Shoe Joint Volume: (42.00 ft fill)

42.00 ft * 0.2578 ft^3/ft	= 10.83 ft^3
	= 1.93 bbl
Tail plus shoe joint	= 171.90 ft^3
	= 30.62 bbl

Total Pipe Capacity:

	= 165.29 bbl

Displacement Volume to Shoe Joint:

Capacity of Pipe - Shoe Joint	= 165.29 bbl - 1.93 bbl
	= 163.37 bbl

Fluid Instructions

Fluid 1: Water Spacer
Fresh Water Ahead

Fluid Density:	8.34 lbm/gal
Fluid Volume:	10 bbl

Fluid 2: Reactive Spacer
Super Flush

Fluid Density:	9.20 lbm/gal
Fluid Volume:	20 bbl

68 lbm/bbl Halliburton Super Flush (Flush/spacer Additive)

Fluid 3: Water Spacer
Fresh Water Behind

Fluid Density:	8.34 lbm/gal
Fluid Volume:	10 bbl

Fluid 4: Foamed Lead Cement
50/50 Poz Premium

Fluid Weight	14.30 lbm/gal
Slurry Yield:	1.47 ft^3/sk
Total Mixing Fluid:	6.39 Gal/sk
Top of Fluid:	0 ft
Calculated Fill:	2200 ft
Volume:	118.36 bbl
Calculated Sacks:	263.75 sks
Proposed Sacks:	270 sks

Fluid 5: Foamed Lead Cement
50/50 Poz Premium

Fluid Weight	14.30 lbm/gal
Slurry Yield:	1.47 ft^3/sk
Total Mixing Fluid:	6.39 Gal/sk
Top of Fluid:	2200 ft
Calculated Fill:	900 ft
Volume:	51.64 bbl
Calculated Sacks:	148.97 sks
Proposed Sacks:	150 sks

Fluid 6: Tail Cement
50/50 Poz Premium

Fluid Weight	14.30 lbm/gal
Slurry Yield:	1.47 ft^3/sk
Total Mixing Fluid:	6.39 Gal/sk
Top of Fluid:	3100 ft
Calculated Fill:	500 ft
Volume:	30.62 bbl
Calculated Sacks:	117.02 sks
Proposed Sacks:	120 sks

Fluid 7: Water Spacer
Displacement

Fluid Density:	8.34 lbm/gal
Fluid Volume:	307.70 bbl

Fluid 8: Top Out Cement
Premium Cement
12 % Cal-Seal 60 (Accelerator)
3 % Calcium Chloride (Accelerator)

Fluid Weight	14.60 lbm/gal
Slurry Yield:	1.55 ft^3/sk
Total Mixing Fluid:	7.35 Gal/sk
Proposed Sacks:	75 sks

Detailed Pumping Schedule

Fluid #	Fluid Type	Fluid Name	Surface Density lbm/gal	Estimated Avg Rate bbl/min	Downhole Volume
1	Spacer	Fresh Water Ahead	8.3	5.0	10 bbl
2	Spacer	Super Flush	9.2	5.0	20 bbl
3	Spacer	Fresh Water Behind	8.3	5.0	10 bbl
4	Cement	8.5 ppg Foamed Cement	14.3	5.0	270 sks
5	Cement	11 ppg Foamed Cement	14.3	5.0	150 sks
6	Cement	Unfoamed Tail	14.3	5.0	120 sks
7	Spacer	Displacement	8.3	7.0	307.70 bbl
8	Cement	Cap Cement	14.6	1.5	75 sks

Foam Output Parameter Summary:

Fluid #	Fluid Name	Unfoamed Liquid Volume	Beginning Density lbm/gal	Ending Density lbm/gal	Beginning Rate scf/bbl	Ending Rate scf/bbl
Stage 1						
4	8.5 ppg Foamed Cement	69.01bbl	8.5	8.5	23.3	287.5
5	11 ppg Foamed Cement	38.98bbl	11.0	11.0	124.6	187.4

Foam Design Specifications:

Foam Calculation Method: Constant Density
Backpressure: 75 psig
Bottom Hole Circulating Temp: 95 degF
Mud Outlet Temperature: 80 degF

Calculated Gas = 17039.2 scf
Additional Gas = 40000 scf
Total Gas = 57039.2 scf

Flat Rock	9P-20-14-20
7-5/8" Intermediate Casing	0 - 3600 ft (MD)
Outer Diameter	7.625 in
Inner Diameter	6.875 in
Linear Weight	29.70 lbm/ft
Casing Grade	P-110
6-1/2" Production Open Hole	3600 - 12183 ft (MD)
Inner Diameter	6.500 in
Job Excess	40 %
4-1/2" Production Casing	0 - 12183 ft (MD)
Outer Diameter	4.500 in
Inner Diameter	3.920 in
Linear Weight	13.50 lbm/ft
Casing Grade	P-110
Mud Type	Water Based Mud
Mud Weight	9.50 lbm/gal
BHST	210 degF
BHCT	180 degF

Spacer:

381.00 ft * 0.1473 ft^3/ft * 0 %	= 56.14 ft^3
Total Spacer	= 56.15 ft^3
	= 10.00 bbl

Spacer:

762.00 ft * 0.1473 ft^3/ft * 0 %	= 112.28 ft^3
Total Spacer	= 112.29 ft^3
	= 20.00 bbl

Spacer:

381.00 ft * 0.1473 ft^3/ft * 0 %	= 56.14 ft^3
Total Spacer	= 56.15 ft^3
	= 10.00 bbl

Cement : (8683.00 ft fill)

600.00 ft * 0.1473 ft^3/ft * 0 %	= 88.41 ft^3
8083.00 ft * 0.12 ft^3/ft * 40 %	= 1357.85 ft^3
Total Foamed Lead Cement	= 1446.25 ft^3
	= 257.59 bbl
Sacks of Cement	= 719 sks

Cement : (500.00 ft fill)

500.00 ft * 0.12 ft^3/ft * 40 %	= 83.99 ft^3
Tail Cement	= 83.99 ft^3
	= 14.96 bbl

Shoe Joint Volume: (42.00 ft fill)

42.00 ft * 0.0838 ft^3/ft	= 3.52 ft^3
	= 0.63 bbl
Tail plus shoe joint	= 87.51 ft^3
	= 15.59 bbl
Total Tail	= 59 sks

Total Pipe Capacity:

12183.00 ft * 0.0838 ft^3/ft	= 1021.07 ft^3
	= 181.86 bbl

Displacement Volume to Shoe Joint:

Capacity of Pipe - Shoe Joint	= 181.86 bbl - 0.63 bbl
	= 181.23 bbl

Fluid Instructions

Fluid 1: Water Spacer
Fresh Water Ahead

Fluid Density:	8.34 lbm/gal
Fluid Volume:	10 bbl

Fluid 2: Reactive Spacer
Super Flush

Fluid Density:	9.20 lbm/gal
Fluid Volume:	20 bbl

Fluid 3: Water Spacer
Fresh Water Behind

Fluid Density:	8.34 lbm/gal
Fluid Volume:	10 bbl

Fluid 4: Foamed Lead Cement
50/50 Poz Premium

Fluid Weight	14.30 lbm/gal
Slurry Yield:	1.47 ft^3/sk
Total Mixing Fluid:	6.39 Gal/sk
Top of Fluid:	3000 ft
Calculated Fill:	8683 ft
Volume:	257.59 bbl
Calculated Sacks:	718.71 sks
Proposed Sacks:	720 sks

Fluid 5: Tail Cement
50/50 Poz Premium

Fluid Weight	14.30 lbm/gal
Slurry Yield:	1.47 ft^3/sk
Total Mixing Fluid:	6.39 Gal/sk
Top of Fluid:	11683 ft
Calculated Fill:	500 ft
Volume:	15.59 bbl
Calculated Sacks:	59.49 sks
Proposed Sacks:	60 sks

Fluid 6: Water Spacer
Displacement

Fluid Density:	8.34 lbm/gal
Fluid Volume:	181.23 bbl

Fluid 7: Top Out Cement
Premium Cement
12 % Cal-Seal 60 (Accelerator)
3 % Calcium Chloride (Accelerator)

Fluid Weight	14.60 lbm/gal
Slurry Yield:	1.55 ft^3/sk
Total Mixing Fluid:	7.35 Gal/sk
Proposed Sacks:	75 sks

Detailed Pumping Schedule

Fluid #	Fluid Type	Fluid Name	Surface Density lbm/gal	Estimated Avg Rate bbl/min	Downhole Volume
1	Spacer	Fresh Water Ahead	8.3	5.0	10 bbl
2	Spacer	Super Flush	9.2	5.0	20 bbl
3	Spacer	Fresh Water Behind	8.3	5.0	10 bbl
4	Cement	Foamed Lead	14.3	5.0	720 sks
5	Cement	Unfoamed Tail	14.3	5.0	60 sks
6	Spacer	Displacement	8.3	7.0	181.23 bbl
7	Cement	12/3 Thixo	14.6	1.5	75 sks

Foam Output Parameter Summary:

Fluid #	Fluid Name	Unfoamed Liquid Volume	Beginning Density lbm/gal	Ending Density lbm/gal	Beginning Rate scf/bbl	Ending Rate scf/bbl
Stage 1						
4	Foamed Lead	188.30bbl	11.0	11.0	164.4	665.4

Foam Design Specifications:

Foam Calculation Method: Constant Density
Backpressure: 75 psig
Bottom Hole Circulating Temp: 180 degF
Mud Outlet Temperature: 120 degF

Calculated Gas = 80284.9 scf
Additional Gas = 40000 scf
Total Gas = 120284.9 scf

QUESTAR EXPLR. & PROD.

FR #9P-20-14-20

LOCATED IN UINTAH COUNTY, UTAH
SECTION 20, T14S, R20E, S.L.B.&M.

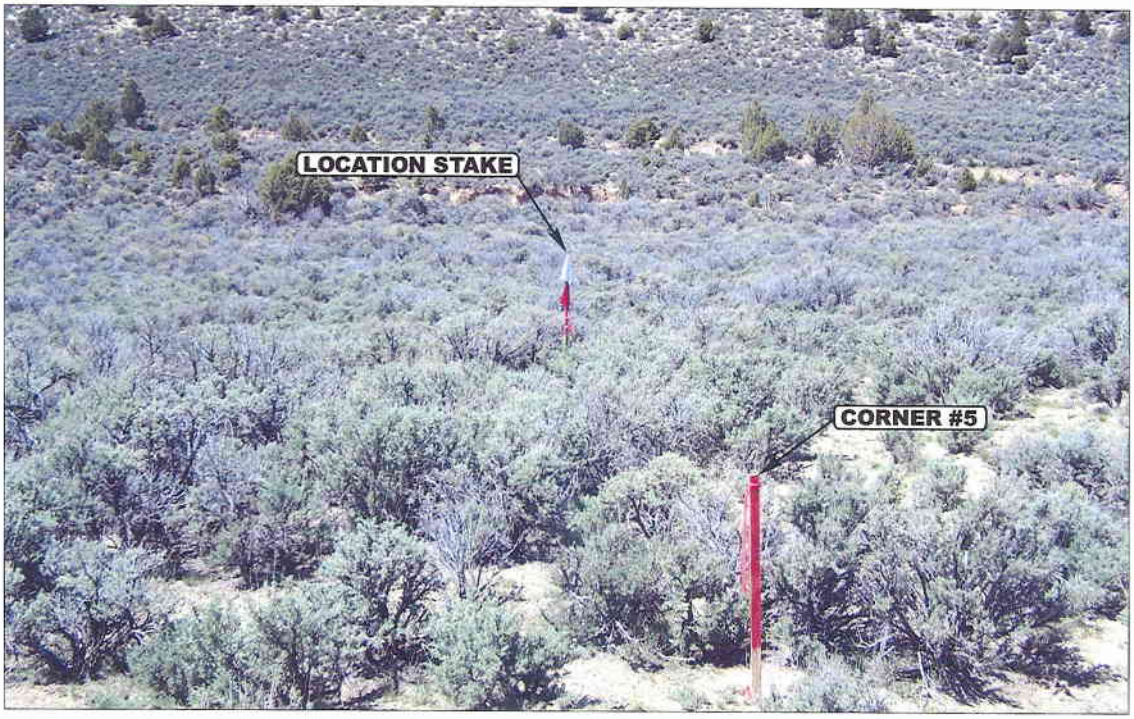


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE **CAMERA ANGLE: NORTHWESTERLY**

PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS **CAMERA ANGLE: NORTHERLY**

- Since 1964 -
Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
435-789-1017 uels@uelsinc.com

LOCATION PHOTOS	05 MONTH	11 DAY	07 YEAR	PHOTO
TAKEN BY: B.H.	DRAWN BY: L.K.	REVISED: 00-00-00		

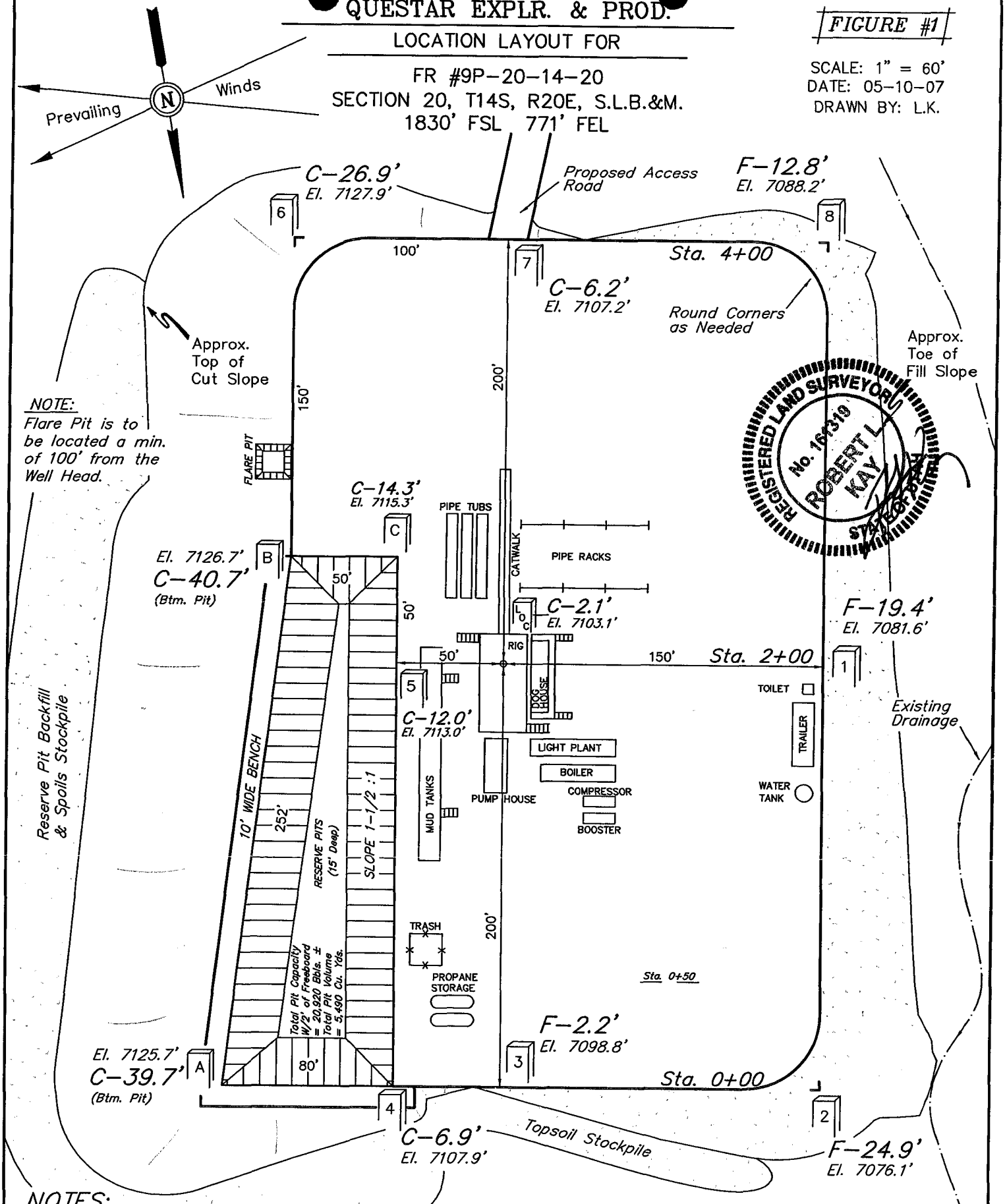
QUESTAR EXPLR. & PROD.

LOCATION LAYOUT FOR

FR #9P-20-14-20
SECTION 20, T14S, R20E, S.L.B.&M.
1830' FSL 771' FEL

FIGURE #1

SCALE: 1" = 60'
DATE: 05-10-07
DRAWN BY: L.K.



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

NOTES:

Elev. Ungraded Ground At Loc. Stake = 7103.1'

FINISHED GRADE ELEV. AT LOC. STAKE = 7101.0'

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

QUESTAR EXPLR. & PROD.

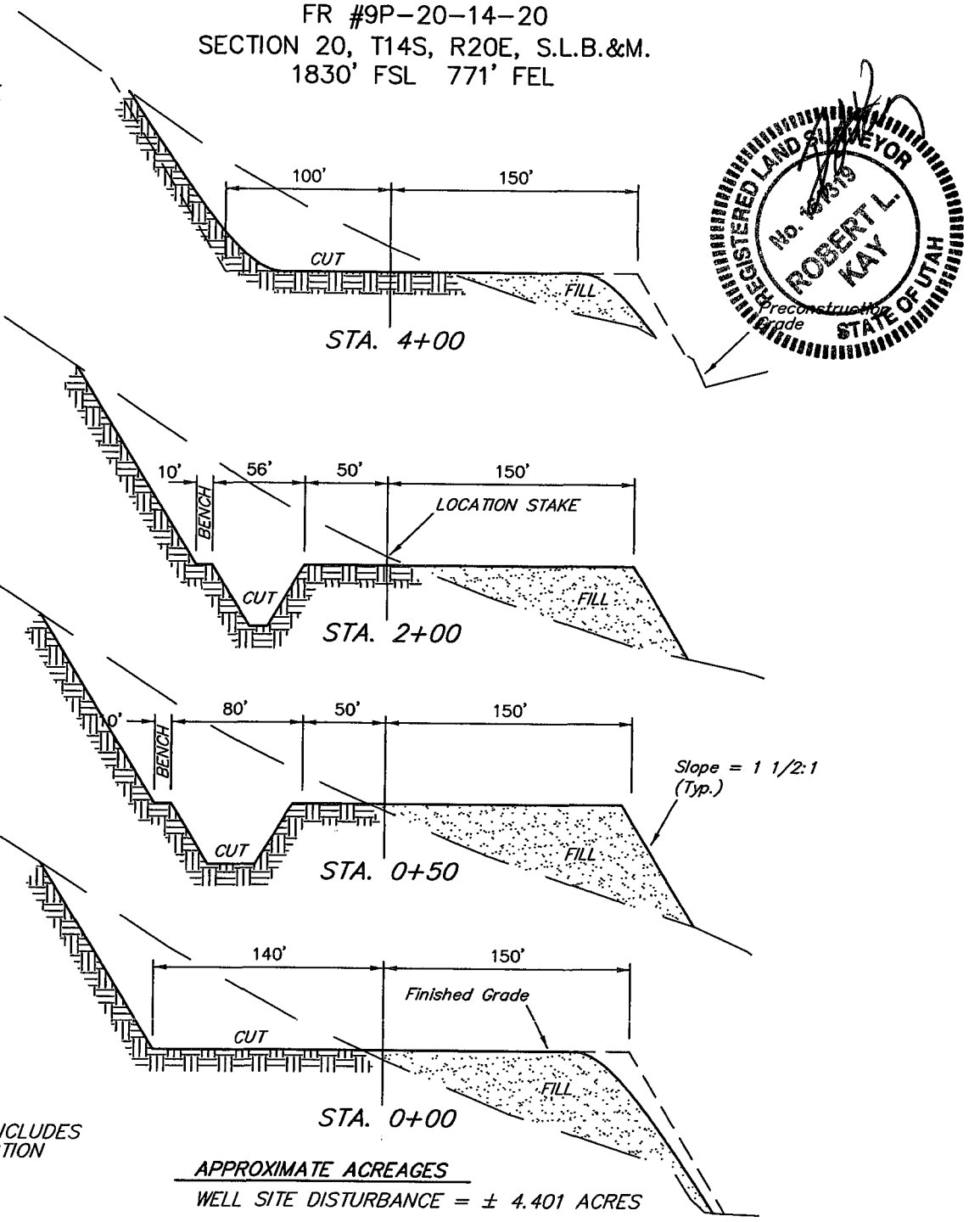
TYPICAL CROSS SECTIONS FOR

FR #9P-20-14-20
SECTION 20, T14S, R20E, S.L.B.&M.
1830' FSL 771' FEL

FIGURE #2

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

DATE: 05-10-07
DRAWN BY: L.K.



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

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

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

APPROXIMATE ACREAGES

WELL SITE DISTURBANCE = ± 4.401 ACRES
ACCESS ROAD DISTURBANCE = ± 4.320 ACRES
PIPELINE DISTURBANCE = ± 4.745 ACRES
TOTAL = ± 13.466 ACRES

APPROXIMATE YARDAGES

CUT
(12") Topsoil Stripping = *6,560* Cu. Yds.
Remaining Location = *44,550* Cu. Yds.

TOTAL CUT = *51,110* CU.YDS.
FILL = *31,040* CU.YDS.

EXCESS MATERIAL = *20,070* Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.) = *9,310* Cu. Yds.
EXCESS UNBALANCE (After Interim Rehabilitation) = *10,760* Cu. Yds.

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

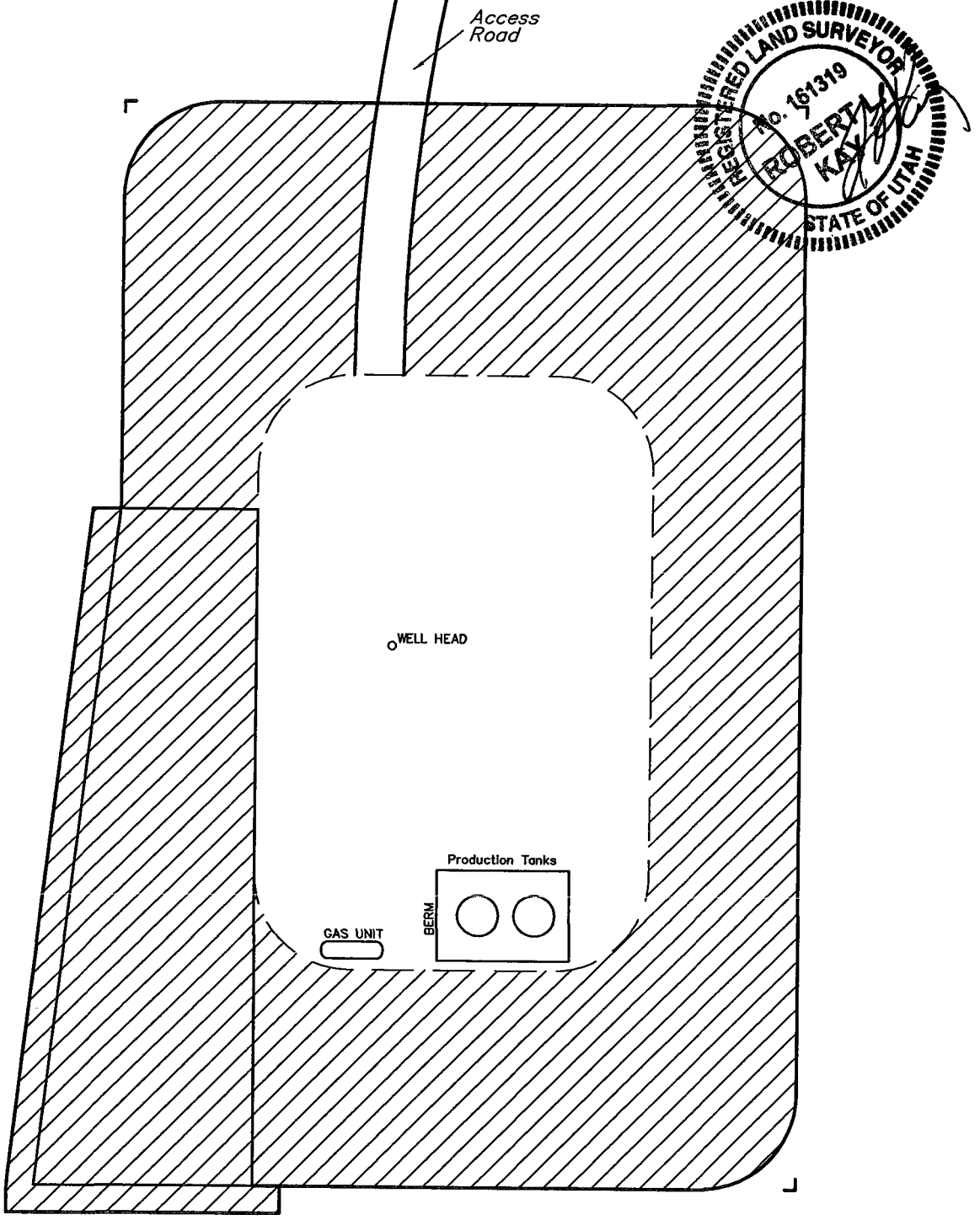
QUESTAR EXPLR. & PROD.

INTERIM RECLAMATION PLAN FOR

FR #9P-20-14-20
SECTION 20, T14S, R20E, S.L.B.&M.
1830' FSL 771' FEL

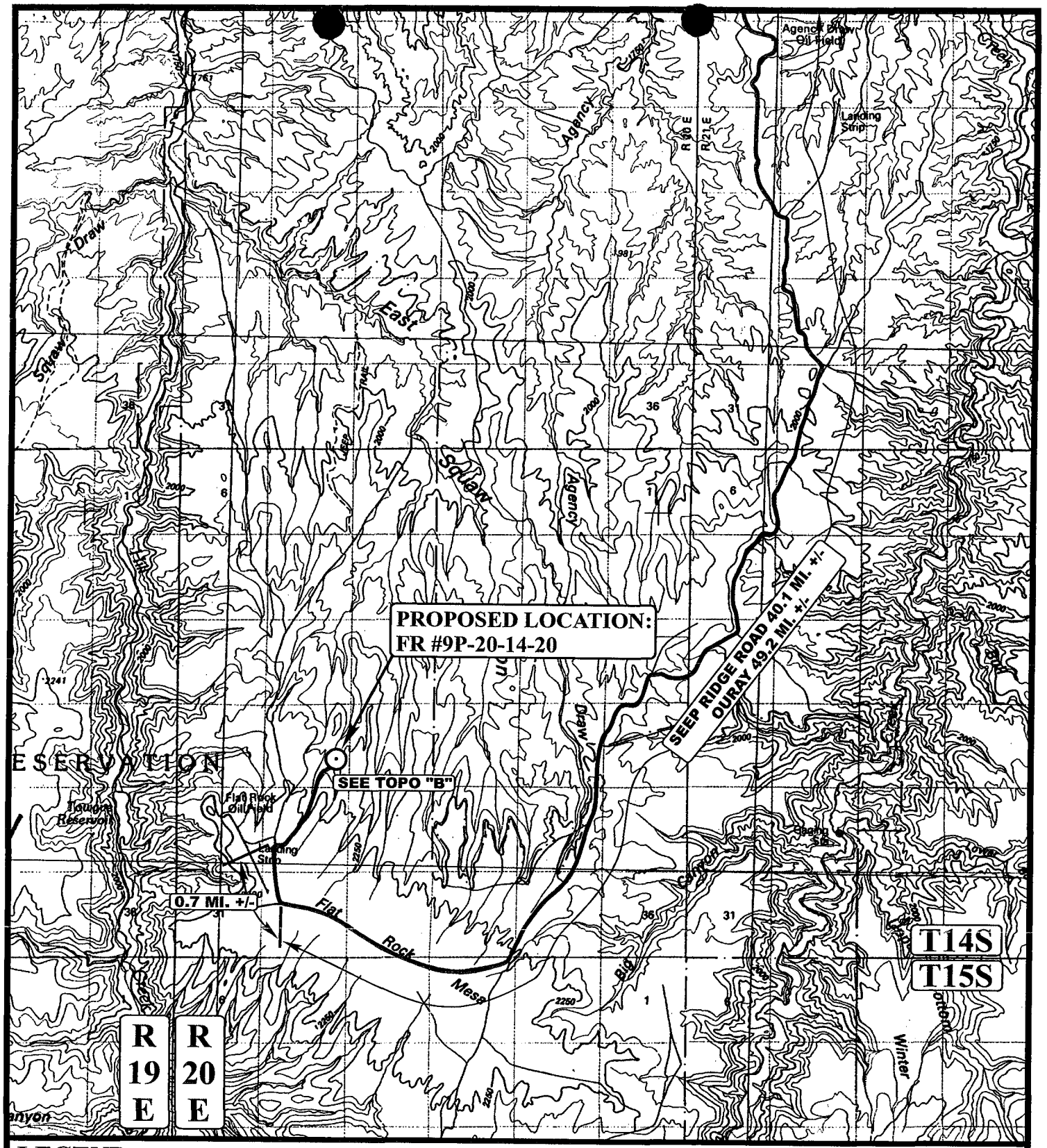
FIGURE #3

SCALE: 1" = 60'
DATE: 05-10-07
DRAWN BY: L.K.



INTERIM RECLAMATION

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



LEGEND:

⊙ PROPOSED LOCATION

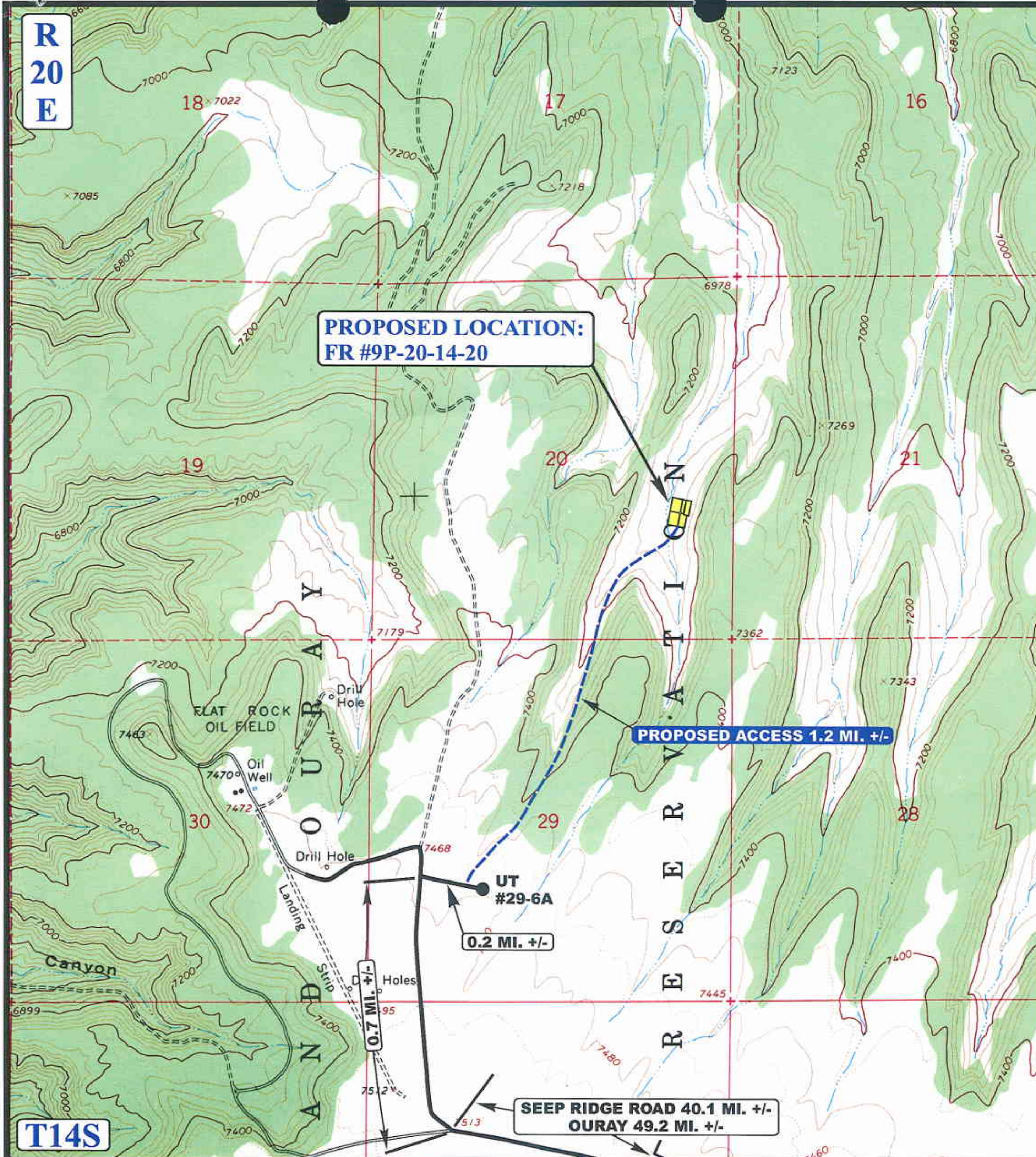
N

QUESTAR EXPLR. & PROD.

FR #9P-20-14-20
SECTION 20, T14S, R20E, S.L.B.&M.
1830' FSL 771' FEL

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

TOPOGRAPHIC MAP	05 MONTH	11 DAY	07 YEAR	A TOPO
SCALE: 1:100,000	DRAWN BY: L.K.	REVISED: 00-00-00		



LEGEND:

EXISTING ROAD

PROPOSED ACCESS ROAD

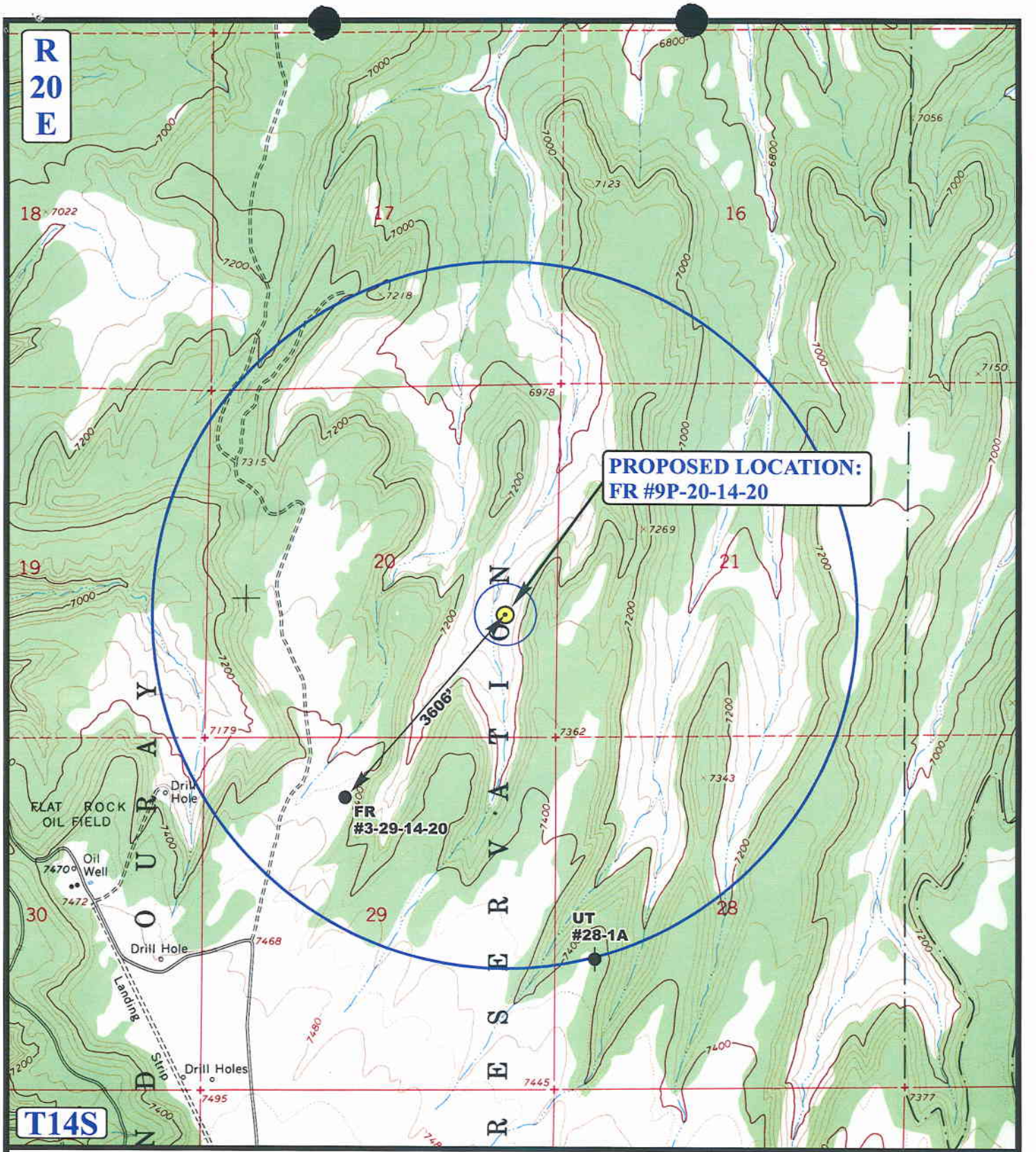
N

QUESTAR EXPLR. & PROD.

FR #9P-20-14-20
SECTION 20, T14S, R20E, S.L.B.&M.
1830' FSL 771' FEL

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

TOPOGRAPHIC MAP	05	11	07	B TOPO
	MONTH	DAY	YEAR	
SCALE: 1" = 2000'	DRAWN BY: L.K.	REVISED: 00-00-00		



LEGEND:

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

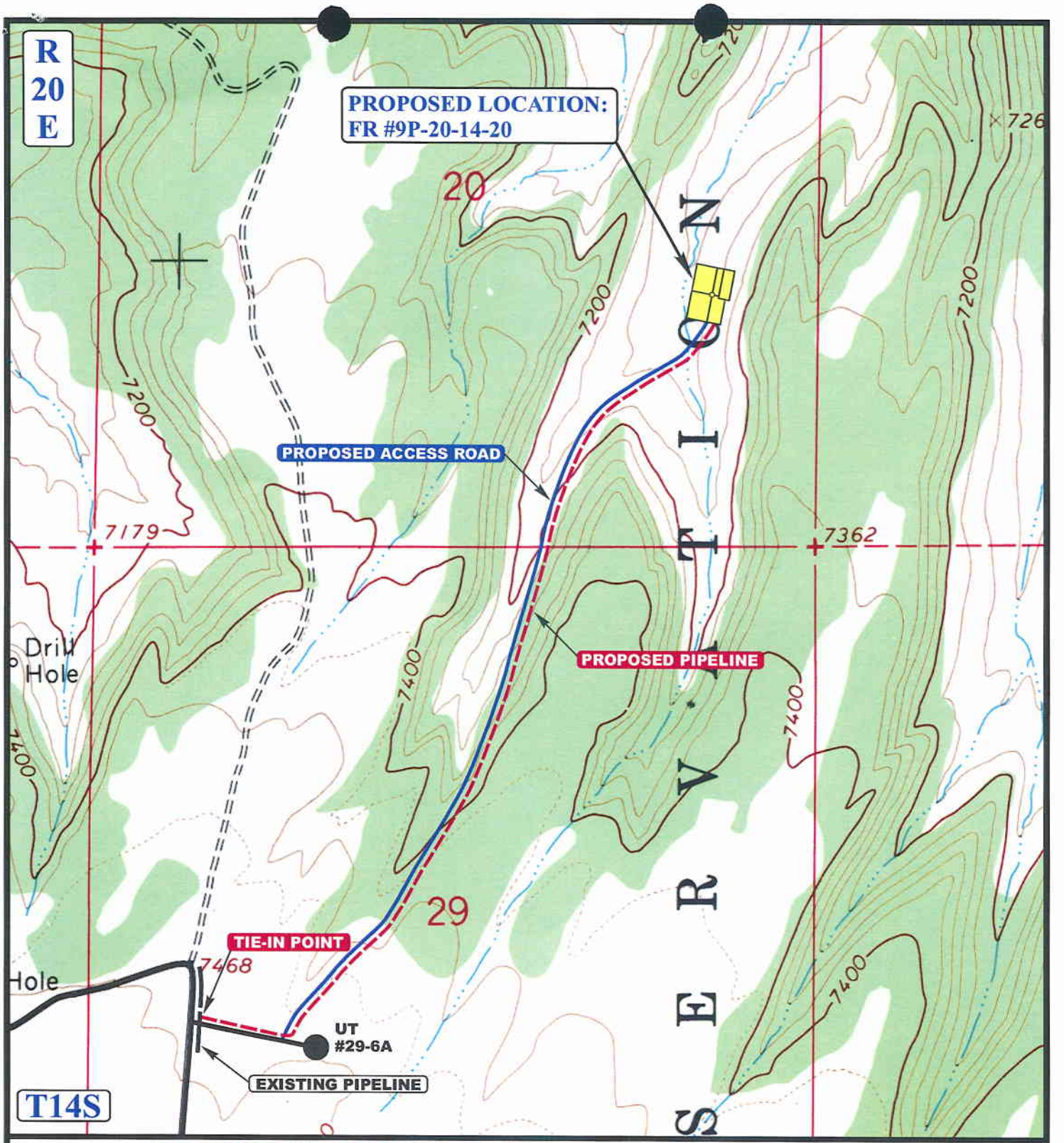
N

QUESTAR EXPLR. & PROD.

FR #9P-20-14-20
SECTION 20, T14S, R20E, S.L.B.&M.
1830' FSL 771' FEL

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

TOPOGRAPHIC MAP	05 MONTH	11 DAY	07 YEAR	C TOPO
SCALE: 1" = 2000'	DRAWN BY: L.K.	REVISED: 00-00-00		



APPROXIMATE TOTAL PIPELINE DISTANCE = 6,890' +/-

LEGEND:

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

N

QUESTAR EXPLR. & PROD.

FR #9P-20-14-20
SECTION 20, T14S, R20E, S.L.B.&M.
1830' FSL 771' FEL

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

TOPOGRAPHIC MAP	05 MONTH	11 DAY	07 YEAR	D TOPO
SCALE: 1" = 1000'	DRAWN BY: L.K.	REVISED: 00-00-00		

WORKSHEET

APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 07/27/2007

API NO. ASSIGNED: 43-047-39461

WELL NAME: FR 9P-20-14-20

OPERATOR: QUESTAR EXPLORATION & (N5085)

PHONE NUMBER: 435-781-4032

CONTACT: JAN NELSON

PROPOSED LOCATION:

NESE 20 140S 200E

SURFACE: 1830 FSL 0771 FEL

BOTTOM: 1830 FSL 0771 FEL

COUNTY: UINTAH

LATITUDE: 39.58260 LONGITUDE: -109.6947

UTM SURF EASTINGS: 612104 NORTHINGS: 4382036

FIELD NAME: UNDESIGNATED (2)

INSPECT LOCATN BY: / /

Tech Review	Initials	Date
Engineering		
Geology		
Surface		

LEASE TYPE: 1 - Federal

LEASE NUMBER: UTU-10164

PROPOSED FORMATION: WINGT

SURFACE OWNER: 2 - Indian

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. 49-2183)

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

N/A Fee Surf Agreement (Y/N)

N/A Intent to Commingle (Y/N)

LOCATION AND SITING:

___ R649-2-3.

Unit: _____

✓ R649-3-2. General
Siting: 460 From Qtr/Qtr & 920' Between Wells

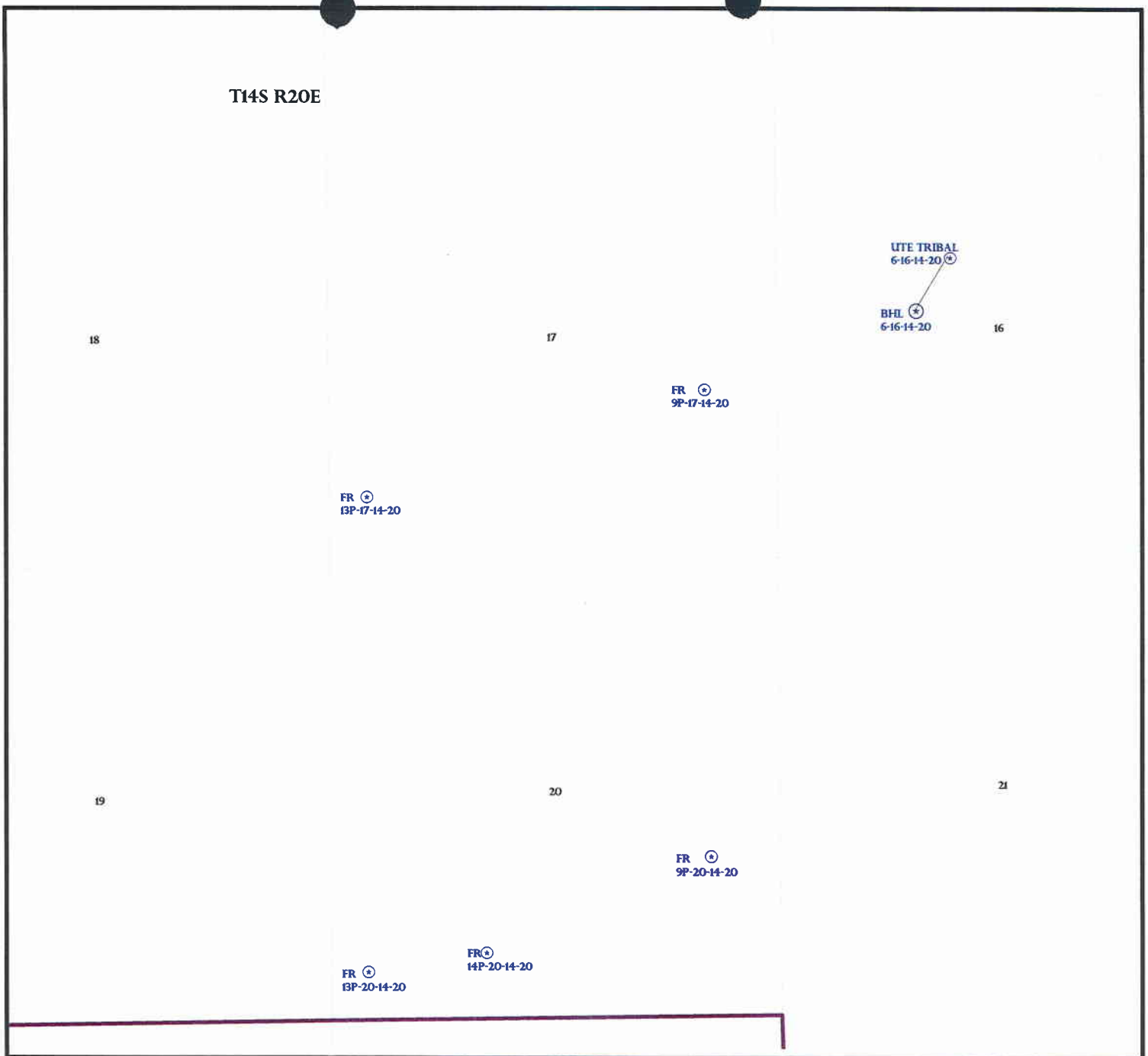
___ R649-3-3. Exception

___ Drilling Unit
Board Cause No: _____
Eff Date: _____
Siting: _____

___ R649-3-11. Directional Drill

COMMENTS: _____

STIPULATIONS: 1- Federal Approval
2- Spacing Stip



OPERATOR: QUESTAR EXPL & PROD (N5085)

SEC: 20 T.14S R. 20E

FIELD: UNDESIGNATED (002)

COUNTY: UINTAH

SPACING: R649-3-2 / GENERAL SITING

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

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

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

Utah Oil Gas and Mining

N
W E
S

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

JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

State of Utah
DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil Gas and Mining

JOHN R. BAZA
Division Director

July 30, 2007

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

Re: FR 9P-20-14-20 Well, 1830' FSL, 771' FEL, NE SE, Sec. 20, T. 14 South, R. 20 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 43-047-39461.

Sincerely,

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, Co.

Well Name & Number FR 9P-20-14-20

API Number: 43-047-39461

Lease: UTU-10164

Location: NE SE **Sec.** 20 **T.** 14 South **R.** 20 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 office (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. This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and Mining (the "Board"). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled, completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an area larger than the quarter-quarter section upon which the well is located is being drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.

RECEIVED
VERNAL FIELD OFFICE

2007 JUL 26 PM 12:45

DEPT. OF THE INTERIOR
BUREAU OF LAND MGMT.

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

TYPE OF WORK: DRILL ☑ DEEPEN ☐	5. LEASE DESIGNATION AND SERIAL NO.: UTU-10164
	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: UTE TRIBE
	7. UNIT AGREEMENT NAME: N/A
TYPE OF WELL: ☐ OIL WELL ☑ GAS WELL ☐ OTHER ☑ SINGLE ZONE ☐ MULTIPLE ZONE	8. FARM OR LEASE NAME, WELL NO.: FR 9P-20-14-20
2. NAME OF OPERATOR: QUESTAR EXPLORATION & PRODUCTION, CO. — Contact: Jan Nelson, E-Mail: jan.nelson@questar.com	9.API NUMBER: 43-047-39461
3. ADDRESS: 1571 E 1700 S VERNAL, UT 84078 — Telphone number: *Phone 435-781-4032 Fax 435-781-4045*	10. FIELD AND POOL, OR WILDCAT: UNDESIGNATED
4. LOCATION OF WELL (Report location clearly and in accordance with and State requirements*) At Surface: 1830' FSL 771' FEL, NESE, SECTION 20, T14S, R20E; At proposed production zone	11. SEC.,T, R, M, OR BLK & SURVEY OR AREA: SEC. 20, T14S, R20E Mer SLB
14. DISTANCE IN MILES FROM NEAREST TOWN OR POSTOFFICE*: 51+ / - MILES FROM OURAY, 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): 771' +/-	16.NO.OF ACRES IN LEASE: 1760.00 — 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: 3,606' +/-	19. PROPOSED DEPTH: 12,183' — 20. BLM/BIA Bond No. on file: ESB000024
21. ELEVATIONS (Show whether DF, RT, GR, ect.): 7101.0' GR	22. DATE WORK WILL START: ASAP — 23. Estimated duration: 20 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 7/25/2007

TITLE Regulatory Affairs

RECEIVED
DEC 21 2007
DIV. OF OIL, GAS & MINING

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

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

CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY _____ TITLE Assistant Field Manager Lands & Mineral Resources — DATE 12-13-2007

*See Instructions On Reverse Side

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

CONFIDENTIAL

UDOGM

NOS 7/10/07
07PP2412A

CONDITIONS OF APPROVAL ATTACHED

NOTICE OF APPROVAL

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 Expl. & Prod., Co.**	**Location:**	**NESE, Sec 20, T14S, R20E**
Well No:	**FR 9P-20-14-20**	**Lease No:**	**UTU-10164**
API No:	**43-047-39461**	**Agreement:**	**N/A**

Title	Name	Office Phone Number	Cell Phone Number
Petroleum Engineer:	Matt Baker	(435) 781-4490	(435) 828-4470
Petroleum Engineer:	Michael Lee	(435) 781-4432	(435) 828-7875
Petroleum Engineer:	James Ashley	(435) 781-4470	(435) 828-7874
Petroleum Engineer:	Ryan Angus	(435) 781-4430	(435) 828-7368
Supervisory Petroleum Technician:	Jamie Sparger	(435) 781-4502	(435) 828-3913
NRS/Enviro Scientist:	Paul Buhler	(435) 781-4475	(435) 828-4029
NRS/Enviro Scientist:	Karl Wright	(435) 781-4484	(435) 828-7381
NRS/Enviro Scientist:	Holly Villa	(435) 781-4404	
NRS/Enviro Scientist:	Chuck MacDonald	(435) 781-4441	(435) 828-7481
NRS/Enviro Scientist:	Jannice Cutler	(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	
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 Environmental Scientist)	-	Forty-Eight (48) hours prior to construction of location and access roads.
Location Completion (Notify Environmental Scientist)	-	Prior to moving on the drilling rig.
Spud Notice (Notify Petroleum Engineer)	-	Twenty-Four (24) hours prior to spudding the well.
Casing String & Cementing (Notify Supv. Petroleum Tech.)	-	Twenty-Four (24) hours prior to running casing and cementing all casing strings.
BOP & Related Equipment Tests (Notify Supv. Petroleum Tech.)	-	Twenty-Four (24) hours prior to initiating pressure tests.
First Production Notice (Notify Petroleum Engineer)	-	Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days.

SURFACE USE PROGRAM
CONDITIONS OF APPROVAL (COAs)

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.

Site Specific COAs:

- A _30_ foot corridor right-of-way shall be approved. Upon completion of each pipeline in corridor, they shall be identified and filed with the Ute Tribe.

- A qualified Archaeologist accompanied by a Tribal Technician will monitor trenching construction of pipeline.

- The Ute Tribe Energy & Minerals Department is to be notified, in writing 48 hours prior to construction of pipeline.

- Construction Notice shall be given to the department on the Ute Tribe workdays, which are Monday through Thursday. The Company understands that they may be responsible for costs incurred by the Ute Tribe after hours.

- The Company shall inform contractors to maintain construction of pipelines within the approved ROW's.

- The Company shall assure the Ute Tribe that "ALL CONTRACTORS, INCLUDING SUB-CONTRACTORS, LEASING CONTRACTORS, AND ETC." have acquired a current and valid Ute Tribal Business License and have "Access Permits" prior to construction, and will have these permits in all vehicles at all times.

- You are hereby notified that working under the *"umbrella"* of a company does not allow you to be in the field, and can be subject to those fines of the Ute Tribe Severance Tax Ordinance.

- Any deviation of submitted APD's and ROW applications the Companies will notify the Ute Tribe and BIA in writing and will receive written authorization of any such change with appropriate authorization.

- The Company will implement "Safety and Emergency Plan." The Company's safety director will ensure its compliance.

- All Company employees and/or authorized personnel (sub-contractors) in the field will have approved applicable APD's and/or ROW permits/authorizations on their person(s) during all phases of construction.

- All vehicular traffic, personnel movement, construction/restoration operations shall be confined to the area examined and approved, and to the existing roadways and/or evaluated access routes.

- All personnel shall refrain from collecting artifacts, any paleontological fossils, and from disturbing any significant cultural resources in the area.

- The personnel from the Ute Tribe Energy & Minerals Department shall be notified should cultural remains from subsurface deposits be exposed or identified during construction. All construction will cease.

- All mitigative stipulations contained in the Bureau of Indian Affairs Site Specific Environmental Assessment (EA) will be strictly adhered.

- Upon completion of Application for Corridor Right-Way, the company will notify the Ute Tribe Energy & Minerals Department, so that a Tribal Technician can verify Affidavit of Completion.

ADDITIONAL CONDITIONS OF APPROVAL:

- Paint tanks Olive Black
- Install culvert and riprap at the water crossing
- Access road: At the point where it T's off, install low water crossing (rock base) as discussed during onsite.
- Stock-pile trees.
- For any other additional stipulations, see concurrence letter.

DOWNHOLE PROGRAM
CONDITIONS OF APPROVAL (COAS)

Site Specific Downhole COAs:

- The top of the production casing cement shall extend a minimum of 200 feet above the intermediate casing shoe.

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

DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

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

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

- A complete set of angular deviation and directional surveys of a directional well will be submitted to the Vernal BLM office engineer within 30 days of the completion of the well.

- 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.

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DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

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

Well Name: **FR 9P-20-14-20**

Api No: **43-047-39461** Lease Type: **FEDERAL**

Section **20** Township **14S** Range **20E** County **UINTAH**

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

SPUDDED:

Date **07/29/08**

Time **NOON**

How **DRY**

Drilling will Commence:

Reported by **KERRY SAILES**

Telephone # **(435) 828-0339 OR (801) 598-5087**

Date **07/29/08** **Signed** **CHD**

Form 3160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

SUBMIT IN TRIPLICATE

5. Lease Designation and Serial No.
UTU-10164

6. If Indian, Allottee or Tribe Name
UTE TRIBE

7. If Unit or CA, Agreement Designation
N/A

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

8. Well Name and No.
FR 9P 20 14 20

2. Name of Operator
QUESTAR EXPLORATION & PRODUCTION CO.

9. API Well No.
43-047-39461

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

10. Field and Pool, or Exploratory Area
UNDESIGNATED

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
1830' FSL, 771' FEL, NESE, SEC 20-T14S-R20E

11. County or Parish, State
UINTAH

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
[X] Subsequent Report	[ ] Recompletion	[ ] New Construction
[ ] Final Abandonment Notice	[ ] Plugging Back	[ ] Non-Routine Fracturing
	[ ] Casing Repair	[ ] Water Shut-Off
	[ ] 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 7/29/08 – Drilled 40' of 30" conductor hole. Set 40' of 20" conductor pipe. Cmtd in place w/ Ready Mix.

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

14. I hereby certify that the foregoing is true and correct
Signed **Dahn F. Caldwell** Title **Office Administator II** Date **7/30/08**

(This space for Federal or State office use)

Approved by: Title Date

Conditions of approval, if any

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

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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
A	**99999**	17025	**43-047-39461**	**FR 9P 20 14 20**	**NESE**	**20**	**14S**	**20E**	**Uintah**	**7/29/08**	8/14/08

WELL 1 COMMENTS: WINGT

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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)

Signature

Office Administrator II 7/30/08
Title Date

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

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43-047-39461
20 14S 20E

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QUESTAR

Operations Summary Report

Legal Well Name: FR 9P-20-14-20 ST1
Common Well Name: FR 9P-20-14-20 ST1
Event Name: DRILLING
Contractor Name: Unit Drilling Co.
Rig Name: UNIT

Start: 7/31/2008
Rig Release:
Rig Number: 236

Spud Date: 7/29/2008
End:
Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
7/30/2008	06:00 - 12:00	6.00	LOC	3	DRLCON	MOVE IN BUCKET RIG CALL MICHAEL LEE ON 7/28/2008 FOR SPUD ON 7/29/2008 12:00
	12:00 - 16:00	4.00	LOC	2	DRLCON	DRILL 30" HOLE TO 40' SET 20" CONDUCTOR PIPE DRILL MOUSE HOLE TO 80'
	16:00 - 17:00	1.00	LOC	3	DRLCON	MOVE IN PRO PETRO RIG #8 RIG UP
	17:00 - 02:00	9.00	DRL	9	DRLCON	DRILL 15" HOLE WITH HAMMER F/40' TO 520'
	02:00 - 03:00	1.00	TRP	2	DRLCON	TRIP OUT TO RUN 10 3/4" CASING
	03:00 - 04:00	1.00	CSG	2	DRLCON	RUN 12 JTS OF 10 3/4", J-55, R3, ST&C CASING SET AT 512' GL
	04:00 - 06:00	2.00	CMT	2	DRLCON	CEMENT WITH 500 SKS OF 15.8 PPG 1.15 YIELD CLASS G CEMENT DISPLACED WITH 46 BBLS OF WATER BUMPED PLUG AND FLOATS HELD 30 BBLS OF CEMENT TO PITS NOTIFIED JAMIE SPARGER ABOUT CEMENT JOB
8/2/2008	06:00 - 18:00	12.00	LOC	4	MIRU	RIG DOWN TOP DRIVE, MUD PUMP AND MUD TANKS FLARE LINES AND CHOKE LINES AND ELECTRICAL LINES
	18:00 - 06:00	12.00	OTH		MIRU	WAIT ON DAYLIGHT
8/3/2008	06:00 - 18:00	12.00	LOC	4	RDMO	LAY OVER DERRICK, UNSTRING BLOCKS, SET OUT MUD CLEANING EQUIPMENT, HOPPER HOUSE, UPPER DOG HOUSE AND LAY OVER A LEGS SET OUT GAS BUSTER FLOW LINE AND CHOKE AND BOUY LINES RIG DOWN BACK YARD
	18:00 - 06:00	12.00	OTH		RDMO	WAIT ON DAYLIGHT
8/4/2008	06:00 - 18:00	12.00	LOC	3	RDMO	MOVE RIG TO FR9P-20-14-20, RIG MOVE 75%, RIG DOWN 100% INSTALL NIGHT CAP, WATER ROADS FOR DUST CONTROLL
8/5/2008	06:00 - 18:00	12.00	LOC	3	MIRU	RIG UP MATTING BOARDS, SUBS, MOTORS, PUMPS MUD TANKS SUIT CASES, BACK YARD, FUEL TANK, CENTRIFUGE, MUD CLEANER AND BOP RIG UP 50% RIG MOVE 85%
8/6/2008	06:00 - 18:00	12.00	LOC	3	MIRU	MOVE AND RIG UP CAMPS AND AIR, MOVE DRILL STRING RIG MOVE 90% RIG UP 75%
	18:00 - 06:00	12.00	OTH		MIRU	WIAT ON DAYLIGHT
8/7/2008	06:00 - 18:00	12.00	LOC	3	MIRU	PIN IN DERRICK STRING BLOCKS SET TOP DRIVE POWER UNIT MOVE MUD GENERAL RIG UP MOVE 100%, RIG UP 90%
	18:00 - 06:00	12.00	OTH		MIRU	WAIT ON DAYLIGHT
8/8/2008	06:00 - 18:00	12.00	LOC	4	MIRU	RAISE DERRICK, BRIDLE DOWN, INSTALL TORQUE TUBE, RIG UP FLOOR AND BOUYE LINES, FLARE LINES AND PANNICK LINE, DO REPAIR WORK CONTACTED ALAN WALKER WITH BLM ON NOTIFICATION OF BOP PRESSURE TEST 8/7/2008 0:900 TEST 8/8/2008 12:00
	18:00 - 06:00	12.00	OTH		MIRU	WAIT ON DAYLIGHT
8/9/2008	06:00 - 14:00	8.00	OTH		MIRU	PICK UP TOP DRIVE, WORK ON TOP DRIVE, TORQUE BOLTS ON BOP, RUN RACK ON POWER UNIT
	14:00 - 20:00	6.00	BOP	2	DRLIN1	TEST BOP, REPLACE RING IN HCR VALVE REBUILD CHRISMAS TREE VALVE ON CHOKE, TEST BAG TO 250 LOW AND 3500 HIGH, TEST PIPE RAMS, BLIND RAMS, CHOKE LINE AND VALVES TO 250 LOW AND 5000 HIGH TES CASING TO 1500 FOR 30 MININUTES ALL TESTED GOOD START DAYRATE 14:00 8/8/2008 BLM ON LOCATION FOR BOP TEST
	20:00 - 01:00	5.00	OTH		DRLIN1	MAKE UP SWIVEL TO TOP DRIVE, HOOK TO TORQUE TUBE, RETORQUE ALL FITTINGS AND SUBS
	01:00 - 02:00	1.00	BOP	2	DRLIN1	TEST DOUBLE BALL VALVE AND MANUAL VALVE 250 LOW AND 5000 HIGH TEST STAND PIPE BACK TO PUMPS 2500 LOW AND 3500 HIGH
	02:00 - 03:30	1.50	OTH		DRLIN1	INSTALL WEAR BUSHING
	03:30 - 05:00	1.50	OTH		DRLIN1	PICK UP BAILS AND ELEVATORS, LAY OUT BHA AND STRAP
	05:00 - 06:00	1.00	TRP	1	DRLIN1	PICK UP BHA

Operations Summary Report

Legal Well Name: FR 9P-20-14-20 ST1
Common Well Name: FR 9P-20-14-20 ST1
Spud Date: 7/29/2008
Event Name: DRILLING
Start: 7/31/2008
End:
Contractor Name: Unit Drilling Co.
Rig Release:
Group:
Rig Name: UNIT
Rig Number: 236

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
8/10/2008	06:00 - 09:00	3.00	TRP	1	DRLIN1	PICK UP BHA
	09:00 - 10:30	1.50	RIG	2	DRLIN1	REPLACE WASH PIPE
	10:30 - 11:30	1.00	TRP	1	DRLIN1	TAG CEMENT AT 443' UNLOAD HOLE
	11:30 - 15:00	3.50	DRL	4	DRLIN1	DRILL CEMENT AND FLOAT EQUIPMENT 443' TO 542'
	15:00 - 18:00	3.00	DRL	1	DRLIN1	DRILL F/542' TO 650' WOB 18, ROT 70, AIR 2200 DUSTING
	18:00 - 18:30	0.50	RIG	2	DRLIN1	OIL VENT ON TOP DRIVE FELL OFF REPLACE OIL VENT
	18:30 - 19:00	0.50	DRL	1	DRLIN1	DRILL F/650' TO 656' WOB 18, ROT 70, AIR 2200
	19:00 - 19:30	0.50	SUR	1	DRLIN1	SURVEY @621' .2 INC 133.55 AZM
	19:30 - 21:30	2.00	DRL	1	DRLIN1	DRILL F/656' TO 731' WOB 18, ROT 70, AIR 2200 DUSTING
	21:30 - 06:00	8.50	RIG	2	DRLIN1	TOP DRIVE WILL NOT FUNCTION NO ROTATION REPLACE 37 PIN LINE AND WAIT ON TOP DRIVE HAND
8/11/2008	06:00 - 12:30	6.50	RIG	2	DRLIN1	WORK ON TOP DRIVE CONTROL PANEL
	12:30 - 17:00	4.50	DRL	1	DRLIN1	DRILL F/731' TO 1039' WOB 20, ROT 70, AIR 2200 DUSTING
	17:00 - 18:00	1.00	OTH		DRLIN1	CONNECTIONS AND REGAIN CIRCULATION
	18:00 - 19:00	1.00	OTH		DRLIN1	LOST 30 PSI OF STANDPIPE PRESSURE WHILE DRILLING, LOST 30000 OF STRING WEIGHT WHEN PICKED UP
	19:00 - 20:30	1.50	TRP	11	DRLIN1	TRIP OUT
	20:30 - 21:00	0.50	TRP	1	DRLIN1	LAY DOWN 5" DRILL COLLAR PIN TWISTED OFF LEAVING SIX 5" DC, XO, THREE 6.5" DC, XO, ONE 8" DC, ONE STRING MILL, ONE 8" DC, ONE 8" MONEL AND BIT SUB AND BIT IN HOLE FISH 381.13'
	21:00 - 00:30	3.50	WOT	4	DRLIN1	WAIT ON FISHING TOOLS
	00:30 - 02:00	1.50	TRP	1	DRLIN1	MAKE UP FISHING TOOLS
	02:00 - 03:30	1.50	TRP	2	DRLIN1	TRIP IN WITH FISHING TOOLS
	03:30 - 04:00	0.50	FISH	5	DRLIN1	TAG FISH, ROTATE SET WEIGHT ON PULL FISH
	04:00 - 05:30	1.50	TRP	2	DRLIN1	TRIP OUT WITH FISH
	05:30 - 06:00	0.50	TRP	1	DRLIN1	LAY DOWN FISH
8/12/2008	06:00 - 07:00	1.00	FISH	5	DRLIN1	LAY DOWN FISHING TOOLS
	07:00 - 14:30	7.50	ISP	1	DRLIN1	INSPECT BHA
	14:30 - 17:00	2.50	DRL	1	DRLIN1	DRILL F/1039' TO 1174' WOB 20, ROT 70, AIR 3000, MIST 10 GPM HOLE WET NOT MAKING WATER
	17:00 - 18:00	1.00	OTH		DRLIN1	CONNECTIONS, REGAIN CIRCULATION
	18:00 - 19:00	1.00	DRL	1	DRLIN1	DRILL F/1174' TO 1264' WOB 20, ROT 70, AIR 3000, MIST 10 GPM
	19:00 - 19:30	0.50	SUR	1	DRLIN1	SURVEY @ 1193' .2 INC 236.75 AZM
	19:30 - 04:30	9.00	DRL	1	DRLIN1	DRILL F/1264' TO 1700' WOB 20, ROT 70, 3000 CFM, MIST 10 GPM , PP 320
	04:30 - 06:00	1.50	OTH		DRLIN1	CONNECTIONS AND REGAIN CIRCULATION
8/13/2008	06:00 - 06:30	0.50	SUR	1	DRLPRO	SURVEY @ 1695' = .1 INC & 204.35 AZ
	06:30 - 07:00	0.50	OTH		DRLPRO	REPLACE GASKET ON FLOW SENSOR
	07:00 - 13:30	6.50	DRL	1	DRLPRO	DRILL F/ 1700' TO 1894', WOB 22-24K, ROT 73, AIR 3000, PUMP 118 GPM, PSI 505
	13:30 - 14:00	0.50	RIG	1	DRLPRO	RIG SERVICE
	14:00 - 17:00	3.00	DRL	1	DRLPRO	DRILL F/ 1894' TO 2081', WOB 22-25K, ROT 75, AIR 3000, PUMP 118 GPM, PSI 510 (MAKING WATER)
	17:00 - 18:00	1.00	RIG	2	DRLPRO	REPAIR VALVE & TIGHTEN BOLTS ON FLOW LINE
	18:00 - 19:30	1.50	OTH		DRLPRO	CONNECTIONS & REGAIN CIRCULATION
	19:30 - 22:30	3.00	DRL	1	DRLPRO	DRILL F/ 2081' TO 2283', WOB 25K, ROT 75, AIR 3000, PUMP 118 GPM, PSI 525
	22:30 - 23:30	1.00	RIG	2	DRLPRO	TIGHTEN GRABBER BOX CLAMP & RETORQUE SAVER SUB
	23:30 - 05:00	5.50	DRL	1	DRLPRO	DRILL F/ 2283' TO 2672', WOB 27K, ROT 75, AIR 3000, PUMP 118 GPM, PSI 540
	05:00 - 06:00	1.00	OTH		DRLPRO	CONNECTIONS & REGAIN CIRCULATION
8/14/2008	06:00 - 07:30	1.50	OTH		DRLPRO	RECENTER TOP DRIVE TRACK & TIGHTEN TURNBUCKLES (FOUND BRASS SHAVINGS FROM WEAR RING ON LOAD

Operations Summary Report

Legal Well Name: FR 9P-20-14-20 ST1
Common Well Name: FR 9P-20-14-20 ST1
Event Name: DRILLING
Contractor Name: Unit Drilling Co.
Rig Name: UNIT

Spud Date: 7/29/2008
Start: 7/31/2008
End:
Rig Release:
Group:
Rig Number: 236

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
8/14/2008	06:00 - 07:30	1.50	OTH		DRLPRO	SUPPORT BUSHING ON TOP DRIVE)
	07:30 - 08:30	1.00	SUR	1	DRLPRO	SURVEY @ 2666' = .3 INC & 245.55 AZ
	08:30 - 13:00	4.50	DRL	1	DRLPRO	DRILL W/ AERATED FLUID F/ 2672' TO 2899', WOB 30-35K, ROT 80, PUMP 158 GPM, AIR 3000, PSI 600 (MAKING WATER)
	13:00 - 14:00	1.00	RIG	1	DRLPRO	RIG & TOP DRIVE SERVICE
	14:00 - 16:00	2.00	DRL	1	DRLPRO	DRILL F/ 2899' TO 2958', WOB 35K, ROT 80, PUMP 158 GPM, AIR 3000, PSI 610 (MAKING WATER)
	16:00 - 17:00	1.00	OTH		DRLPRO	YELLOW DOG PUMP DOWN SWITCH TO MIST PUMP
	17:00 - 03:30	10.50	DRL	1	DRLPRO	DRILL F/ 2958' TO 3668', WOB 35K, ROT 80, MIST 10 GPM, AIR 3000, PSI 670 (MAKING WATER)
	03:30 - 06:00	2.50	OTH		DRLPRO	CONNECTIONS & RGAIN CIRCULATION W/ AIR
8/15/2008	06:00 - 09:00	3.00	DRL	1	DRLIN1	DRILL F/ 3668' TO 3807', WOB 35K, ROT 80, AIR 3000, PUMP 237 GPM, PSI 670
	09:00 - 09:30	0.50	CIRC	1	DRLIN1	CIRCULATE & PUMP SWEEP
	09:30 - 12:00	2.50	TRP	14	DRLIN1	SHORT TRIP TO SHOE (SLM)
	12:00 - 13:30	1.50	RIG	6	DRLIN1	SLIP & CUT DRILL LINE
	13:30 - 14:30	1.00	RIG	2	DRLIN1	REPLACE AIR LINE ON HIGH DRUM CLUTCH
	14:30 - 16:30	2.00	TRP	14	DRLIN1	TIH, WASH & REAM 60' (PRECAUTIONARY) NO FILL
	16:30 - 18:30	2.00	CIRC	1	DRLIN1	CIRCULATE, PUMP SWEEPS, RAISE VIS
	18:30 - 22:00	3.50	FISH	6	DRLIN1	DROP SURVEY & TOOH PIPE STUCK @ 3775', NO CIRCULATION OR ROTATION, WORK PIPE FREE @ 3750' W/ FULL CIRCULATION
	22:00 - 23:30	1.50	CIRC	1	DRLIN1	CIRCULATE PUMPING SWEEPS W/ AIR MIST WASH & REAM TO 3807', CLEAN HOLE
	23:30 - 01:30	2.00	TRP	2	DRLIN1	TOOH BACKREAM F/ 3738' TO 3645', PULL 9 STANDS TO 2818' & TIH TO 3645', WASH & REAM TO 3807
	01:30 - 02:30	1.00	REAM	1	DRLIN1	WASH & REAM F/ 3645' TO 3807'
	02:30 - 04:30	2.00	CIRC	1	DRLIN1	PUMP WATER INTO FORMATION W/ MUD PUMPS @ 580 GPM, NO AIR & 1700 PSI (REDUCE RESERVE PIT LEVEL)
	04:30 - 06:00	1.50	TRP	2	DRLIN1	TOOH TO RUN CASING, TIGHT @ 3787', BACKREAM TO 3620', STAND 4 FREE
8/16/2008	06:00 - 07:30	1.50	TRP	2	CSGIN1	TIH TO 3750', WASH & REAM TO 3807'
	07:30 - 08:30	1.00	CIRC	1	CSGIN1	CIRCULATE & BUILD HIGH VIS PILL (115 BBL)
	08:30 - 11:30	3.00	TRP	2	CSGIN1	SPOT 56 VIS PILL, TOOH, BACKREAM F/ 3807' TO 3645'
	11:30 - 13:30	2.00	TRP	1	CSGIN1	LAY DOWN 6-1/2" & 8" DC, BIT SUB, WATERMELLON MILL & X-OVER
	13:30 - 14:30	1.00	OTH		CSGIN1	PULL WEAR BUSHING
	14:30 - 16:00	1.50	CSG	1	CSGIN1	RIG UP FRANKS WESTSTATE CASING CREW
	16:00 - 21:00	5.00	CSG	2	CSGIN1	RUN 83 JTS 7-5/8", 29.7#, HCP-110, LT&C CASING
	21:00 - 22:00	1.00	CSG	1	CSGIN1	RIG DOWN CASING CREW
	22:00 - 02:00	4.00	CIRC	1	CSGIN1	BREAK CIRCULATION & WASH 2 JTS CASING F/ 3750' TO 3803' - FLOAT SHOE @ 3803' & FLOAT COLLAR @ 3709'
	02:00 - 06:00	4.00	CIRC	1	CSGIN1	CIRCULATE SPOT IN HALLIBURTON EQUIPMENT & RIG UP CEMENTERS
8/17/2008	06:00 - 10:00	4.00	WOT	4	CSGIN1	WAIT ON CAMERON & INSTALL SECTION "A" VALVE OUTLET FLANGES
	10:00 - 10:30	0.50	CSG	7	CSGIN1	SET SLIPS
	10:30 - 13:30	3.00	CMT	2	CSGIN1	SAFETY MEETING, TEST CEMENT LINES W/ 4000 PSI & N2 LINES W/ 6000 PSI, PUMP 10 BBL FRESH WATER, 30 BBL SUPER FLUSH, 10 BBL FRESH WATER. PUMP 30 BBL (115 SKS) YIELD 1.48 FT/SK SCAVENGER CEMENT FOAMED TO 7 PPG, PUMP 110 BBL (420 SKS) FOAMED LEAD 8.5 PPG, YIELD 1.48 FT/SK. PUMP 50 BBL (190 SKS) 2ND FOAMED LEAD 11 PPG, YIELD 1.48 FT/SK. PUMP 40 BBL (140 SKS) TAIL CEMENT 14.3 PPG, YIELD 1.48FT/SK. DROP PLUG &

Operations Summary Report

Legal Well Name: FR 9P-20-14-20 ST1
Common Well Name: FR 9P-20-14-20 ST1 — Spud Date: 7/29/2008
Event Name: DRILLING — Start: 7/31/2008 — End:
Contractor Name: Unit Drilling Co. — Rig Release: — Group:
Rig Name: UNIT — Rig Number: 236

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
8/17/2008	10:30 - 13:30	3.00	CMT	2	CSGIN1	DISPLACE W/ 165 BBL 8.4 PPG MUD, MBUMP PLUG W/ 1095 PSI, FLOATS HELD, 2 BBL BACK. 102 BBL CEMENT TO SURFACE. PUMP 17 BBL (62 SKS) CAP CEMENT14.6 PPG YIELD 1.55 FT/SK
	13:30 - 15:00	1.50	CMT	1	CSGIN1	RIG DOWN CEMENTERS
	15:00 - 18:00	3.00	WOT	1	CSGIN1	WAIT ON CEMENT
	18:00 - 21:30	3.50	BOP	1	CSGIN1	SAFETY MEETING, RIG UP B&C QUICK TEST LIFT TRUCK & NIPPLE DOWN BOP, LIFT STACK
	21:30 - 22:30	1.00	CSG	6	CSGIN1	CUT OFF CASING
	22:30 - 06:00	7.50	BOP	1	CSGIN1	CHANGE OUT "B" SECTION & ADAPTOR SPOOL W/ CAMERON 11" 5000 x 11" 5000 & DSA (HAD TO CUT BOLTS OFF BOTTOM BOP TO PULL ADAPTOR SPOOL) TORQUE UP BOLTS
8/18/2008	06:00 - 09:00	3.00	BOP	1	DRLPRO	TORQUE UP BOP BOLTS, CHOKE & KILL LINE & FLANGE UP FLOWLINE, REPLACE 10" VALVE ON FLOWLINE
	09:00 - 13:00	4.00	BOP	2	DRLPRO	TEST BOP W/ B&C QUICK TEST, UPPER & LOWER PIPE RAMS, BLIND RAMS, CHOKE & KILL LINE, CHOKE MANIFOLD, FLOOR VALVES & DOUBLE BALL VALVE F/ TOP DRIVE W/ 250 PSI LOW & 5000 PSI HIGH. TEST ANNULAR W/ 2500 PSI. TEST CASING W/ 1500 PSI F/ 30 MINUTES
	13:00 - 20:00	7.00	RIG	2	DRLPRO	OPEN & INSPECT TOP DRIVE LOAD SUB & WEAR BUSHING, FOUND MINIMAL WEAR FOR BRASS WEAR BUSHING, FOUND 2 EA 1/16" GROOVES ON LOAD SUB. REINSTALL SAME
	20:00 - 21:30	1.50	OTH		DRLPRO	INSTALL WEAR BUSHING
	21:30 - 23:30	2.00	TRP	1	DRLPRO	PICK UP BHA
	23:30 - 03:00	3.50	TRP	2	DRLPRO	TIH W/ BIT # 2, TAG CEMENT @ 3654'. CHANGE OUT JARS & ROTATING HEAD RUBBER
	03:00 - 04:00	1.00	CIRC	1	DRLPRO	DISPLACE WATER IN HOLE W/ MUD
	04:00 - 06:00	2.00			DRLPRO	DRILL CEMENT & FLOAT EQUIPMENT (PLUG @ 3659')
8/19/2008	06:00 - 07:30	1.50	DRL	1	DRLPRO	DRILL 6-1/2" HOLE F/ 3807' TO 3825', WOB 12K, ROT 80, PS 100, PP 1400
	07:30 - 08:00	0.50	EQT	2	DRLPRO	FIT W/ 8.5# AMW & 594 PSI = 11.5 EMW
	08:00 - 12:30	4.50	DRL	1	DRLPRO	DRILL F/ 3825' TO 4005', WOB 15K, ROT 95, PS 100, PP 1350 (TOP DRIVE MAXED OUT RPM @ 95)
	12:30 - 13:00	0.50	RIG	1	DRLPRO	RIG SERVICE
	13:00 - 15:30	2.50	DRL	1	DRLPRO	DRILL F/ 4005' TO 4106', WOB 15K, ROT 90, PS 100, PP 1320
	15:30 - 16:00	0.50	SUR	1	DRLPRO	SURVEY @ 4059' = 1.2 INC & 224.35 AZ
	16:00 - 23:30	7.50	DRL	1	DRLPRO	DRILL F/ 4106' TO 4395', WOB 13-15K, ROT 85-90, PS 100, PP 1280 (TOP DRIVE CONTINES LOOSING RPM SLOWLY)
	23:30 - 00:00	0.50	SUR	1	DRLPRO	SURVEY @ 4357' = 1.0 INC & 216.14 AZ
	00:00 - 04:30	4.50	DRL	1	DRLPRO	DRILL F/ 4395' TO 4687', WOB 13-15K, ROT 90-95, PS 100, PP 1250 (TOP DRIVE ABLE TO ROTATE @ 100 RPM NIGHT TIME, TEMP PROBLEM ???)
	04:30 - 06:00	1.50	OTH		DRLPRO	CONNECTIONS & SPR
8/20/2008	06:00 - 08:00	2.00	CIRC	1	DRLPRO	CIRCULATE PUMPING SWEEPS TO CLEAN HOLE, BACKREAM W 30-40K OVERPULL
	08:00 - 09:00	1.00	SUR	1	DRLPRO	SURVEY @ 4643' = 1.2 INC & 199.25 AZ
	09:00 - 16:00	7.00	DRL	1	DRLPRO	DRILL F/ 4687' TO 4880', WOB 15-16K, ROT 90, PS 100, PP 1220 (INCREASE MUD WT TO 9.0 #) 20-25K OVERPULL ON CONNECTION
	16:00 - 16:30	0.50	RIG	1	DRLPRO	RIG SERVICE
	16:30 - 19:00	2.50	DRL	1	DRLPRO	DRILL F/ 4880' TO 4979', WOB 16-17K, ROT 85-90K, PS 100, PP 1300 (INCREASE MUD WT TO 9.3#)
	19:00 - 19:30	0.50	SUR	1	DRLPRO	SURVEY @ 4935' = 1.3 INC & 216.65 AZ
	19:30 - 02:30	7.00	DRL	1	DRLPRO	DRILL F/ 4979' TO 5270', WOB 17-18K, ROT 85-90K, PS 100, PP 1300

Operations Summary Report

Legal Well Name: FR 9P-20-14-20 ST1
Common Well Name: FR 9P-20-14-20 ST1
Event Name: DRILLING
Contractor Name: Unit Drilling Co.
Rig Name: UNIT

Start: 7/31/2008
Rig Release:
Rig Number: 236

Spud Date: 7/29/2008
End:
Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
8/20/2008	02:30 - 05:30	3.00	OTH		DRLPRO	CONNECTIONS & SPR
	05:30 - 06:00	0.50	SUR	1	DRLPRO	SURVEY @ 5226' = 2.0 INC & 214.75 AZ
8/21/2008	06:00 - 11:00	5.00	DRL	1	DRLPRO	DRILL F/ 5270' TO 5464', WOB 18K, ROT 85-90, PS 100, PP 1300 (CONNECTIONS TIGHT 20K OVERPULL)
	11:00 - 12:00	1.00	OTH		DRLPRO	CONNECTIONS
	12:00 - 06:00	18.00	FISH	3	DRLPRO	STUCK PIPE @ 5397' WHILE BACKREAMING CONNECTION, BLEW NAIL ON PUMP, REGAIN CIRCULATION UNABLE TO ROTATE, JAR ON PIPE (JAR UP, GOOD HIT, JAR DOWN SOFT HIT) INCREASE MUD WT TO 9.5#, INSPECT DERRICK EVERY 2 HRS (WIRELINE TRUCK ON LOCATION @ 0500 RIGGING UP)
8/22/2008	06:00 - 08:00	2.00	FISH	4	DRLPRO	RIG UP J-W WIRELINE TRUCK
	08:00 - 10:00	2.00	FISH	4	DRLPRO	RIH W/ FREE POINT TOOL, FREE TO 5340' (NMDC) POOH
	10:00 - 12:00	2.00	FISH	4	DRLPRO	MAKE UP SHOT & RIH W/ TOOL, CONFIRM DEPTH & BACK OFF @ 5294.26' (102.74' FISH IN HOLE - 1 EA DC, NMDC, XO, IBS, TRI-COLLAR, TORQUE BUSTER & BIT)
	12:00 - 12:30	0.50	FISH	4	DRLPRO	RIG DOWN WIRELINE TRUCK
	12:30 - 16:00	3.50	TRP	2	DRLPRO	TOOH, L/D JARS & BOTTOM DC
	16:00 - 18:30	2.50	TRP	1	DRLPRO	PICK UP FISHING TOOLS
	18:30 - 20:30	2.00	TRP	2	DRLPRO	TIH W/ FISHING TOOLS
	20:30 - 21:00	0.50	OTH		DRLPRO	SCREW INTO FISH & BREAK CIRCULATION
	21:00 - 06:00	9.00	FISH	3	DRLPRO	JAR ON FISH W/ FULL CIRCULATION - NO SUCCESS
8/23/2008	06:00 - 08:30	2.50	FISH	3	DRLPRO	JAR ON DRILL STRING - NO SUCCESS
	08:30 - 10:30	2.00	FISH	4	DRLPRO	RIH W/ TOOL & BACK OFF@ 5357', POOH (BIT, TORQUE BUSTER, TRI-COLLAR & IBS LEFT IN HOLE)
	10:30 - 11:30	1.00	FISH	4	DRLPRO	RIG DOWN WIRE LINE TRUCK
	11:30 - 16:30	5.00	TRP	2	DRLPRO	TOOH LAY DOWN FISHING TOOLS & 5" DC & NMDC
	16:30 - 17:00	0.50	OTH		DRLPRO	CHANGE OUT ELEVATORS
	17:00 - 20:30	3.50	TRP	2	DRLPRO	MAKE UP STINGER & TIH W/ 42 STANDS, PICK UP DRILL PIPE, TAG TOP OF FISH @ 5357'
	20:30 - 21:00	0.50	CMT	1	DRLPRO	BREAK CIRCULATION, SAFETY MEETING, RIG UP HALLIBURTON CEMENTERS
	21:00 - 22:00	1.00	CMT	2	DRLPRO	TEST CEMENT LINE W/ 5000 PSI, PUMP 10 BBL WATER, 26.8 BBL (160 SKS) 17.5# .94 YIELD 3.35 GAL/SK CEMENT, 4 BBL WATER BEHIND & DISPLACE W/ 47 BBL 9.7# MUD
	22:00 - 22:30	0.50	TRP	2	DRLPRO	TOOH 7 STANDS TO 4660'
	22:30 - 23:30	1.00	CIRC	1	DRLPRO	CIRCULATE & RIG DOWN CEMENTERS
	23:30 - 01:30	2.00	TRP	2	DRLPRO	TOOH W/ DP
	01:30 - 05:00	3.50	TRP	1	DRLPRO	P/U NEVIS DIRECTIONAL TOOLS & 4 DC
	05:00 - 06:00	1.00	WOT	4	DRLPRO	WAIT ON CURTS TOOL INSPECTION F/ BHA TRIP INSPECTION
8/24/2008	06:00 - 12:30	6.50	ISP	1	DRLPRO	RIG UP CURTS TOOL INSPECTION TRIP INSPECT BHA (L/D 1 EA DC CRACKED PIN) PICK UP JARS
	12:30 - 13:00	0.50	OTH		DRLPRO	CLEAN RIG FLOOR & TEST MUD MOTOR
	13:00 - 15:00	2.00	TRP	2	DRLPRO	TIH TO 4670', TAG CEMENT
	15:00 - 16:30	1.50	DRL	5	DRLPRO	DRILL CEMENT STRINGERS F/ 4670' TO 4703', 4750' TO 4759', SOFT CEMENT TO 4818'
	16:30 - 17:30	1.00	CIRC	1	DRLPRO	CIRCULATE SWEEP
	17:30 - 18:30	1.00	TRP	2	DRLPRO	TOOH TO SHOE
	18:30 - 21:30	3.00	WOT	1	DRLPRO	WAIT ON CEMENT
	21:30 - 22:00	0.50	TRP	2	DRLPRO	TIH TO 4818
	22:00 - 00:00	2.00			DRLPRO	DRILL INTERMITTENT CEMENT STRINGERS F/4842' TO 4927', 5042' TO 5050', HARD CEMENT F/ 5050' TO 5060'
	00:00 - 06:00	6.00	DRL	7	DRLPRO	SIDETRACK #1, TIME DRILL FROM 5060' TO 5065' @ 5 MIN/PER INCH WOB 0-6K, RPM 122, PS 80 PP 920 - CEMENT 90%

Operations Summary Report

Legal Well Name: FR 9P-20-14-20 ST1
Common Well Name: FR 9P-20-14-20 ST1
Event Name: DRILLING
Contractor Name: Unit Drilling Co.
Rig Name: UNIT

Start: 7/31/2008
Rig Release:
Rig Number: 236

Spud Date: 7/29/2008
End:
Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
8/24/2008	00:00 - 06:00	6.00	DRL	7	DRLPRO	FORMATION 10%
8/25/2008	06:00 - 11:00	5.00	DRL	7	DRLPRO	TIME DRILL F/ 5065' TO 5075' (4 MIN/ INCH 5' & 3 MIN/ INCH 5') WOB STACKED OUT W/ 30K (100% FORMATION @ 5069')
	11:00 - 11:30	0.50	DRL	7	DRLPRO	WORK THROUGH KICK OFF TWICE, OK, SURVEY @ 5029' = 1.5 INC & 204.2 AZ
	11:30 - 13:30	2.00	DRL	2	DRLPRO	DRILL F/ 5075' TO 5086', WOB 13-18K, RPM 160, PS 85, PP 1200 (100% FORMATION)
	13:30 - 14:30	1.00	CIRC	1	DRLPRO	SURVEY @ 5040' = 1.5 INC & 209.5 AZ, MIX & PUMP DRY SLUG
	14:30 - 18:00	3.50	TRP	10	DRLPRO	TOOH W/ BIT # 3
	18:00 - 20:30	2.50	TRP	2	DRLPRO	CHANGE BITS & TIH W/ BIT # 4
	20:30 - 21:30	1.00	REAM	1	DRLPRO	WASH & REAM F/ 4938' TO 5050', SLIDE F/ 5050' TO 5086'
	21:30 - 04:30	7.00	DRL	2	DRLPRO	DRILL F/ 5086' TO 5303', WOB 4-10K, ROT 15, RPM 125, PS 75, PP 1300
	04:30 - 06:00	1.50	OTH		DRLPRO	CONNECTIONS & SURVEYS
8/26/2008	06:00 - 12:30	6.50	DRL	2	DRLPRO	DRILL F/5303' TO 5530' WOB 10, ROT 15, PS 100, PP 1492 SLIDE TO MAINTAIN ANGLE MM .58
	12:30 - 13:00	0.50	RIG	1	DRLPRO	RIG SERVICE
	13:00 - 03:30	14.50	DRL	2	DRLPRO	DRILL F/5530' TO 5918' WOB 10, ROT 15, PS 100, PP 1590, SLIDE 8' ROTATE 88' MM .58
	03:30 - 04:00	0.50	RIG	2	DRLPRO	TIGHTEN SAVER SUB
	04:00 - 06:00	2.00	DRL	2	DRLPRO	DRILL F/5918' TO 5958' WOB 10, ROT 15, PS 100, PP 1590 TWO HOURS OFF BIT HOURS FOR SURVEY TIME CAN'T RUN OVER 10000 WOB MOTOR SPIKES
8/27/2008	06:00 - 13:00	7.00	DRL	2	DRLPRO	DRILL F/5958' TO 6112' WOB 10, ROT 27, PS 95, PP 1470, MM .58 SLIDE TO MAINTAIN ANGLE SLIDE 8' ROTATE 130'
	13:00 - 13:30	0.50	RIG	1	DRLPRO	RIG SERVICE
	13:30 - 04:30	15.00	DRL	2	DRLPRO	DRILL F/6112' TO 6373' WOB 10, ROT 5-27, PS 80-95, PP 1350, MM .58 SLIDE TO MAINTAIN ANGLE
	04:30 - 06:00	1.50	OTH		DRLPRO	CONNECTION AND SURVEY TIME
8/28/2008	06:00 - 09:00	3.00	DRL	2	DRLPRO	DRILL F/6373' TO 6405' WOB 10, ROT 5, PS 80, PP 1250, MM .58
	09:00 - 09:30	0.50	RIG	1	DRLPRO	RIG SERVICE
	09:30 - 04:00	18.50	DRL	2	DRLPRO	DRILL F/6405' TO 6485' WOB 8-16, ROT 10, PS 80, PP 1260, MM .58 SLIDE TO MAINTAIN ANGLE
	04:00 - 06:00	2.00	TRP	10	DRLPRO	PUMP DRY PIPE PILL, TRIP OUT BIT #4
8/29/2008	06:00 - 08:00	2.00	TRP	10	DRLPRO	TRIP OUT BIT #4
	08:00 - 09:30	1.50	TRP	1	DRLPRO	PULL MWD, LAY DOWN MOTOR AND PICK UP NEW .58, ORIENT TOOLS
	09:30 - 10:00	0.50	OTH		DRLPRO	FUNCTION TEST BOP
	10:00 - 14:00	4.00	TRP	10	DRLPRO	TRIP IN BIT #5 TEST MOTOR AT HWDP, WASHED 1 STD DOWN AT 5100'
	14:00 - 14:30	0.50	REAM	1	DRLPRO	WASH AND REAM LAST STAND TO BOTTOM (PRECAUTIONARY)
	14:30 - 15:30	1.00	DRL	2	DRLPRO	DRILL F/6584' TO 6600' WOB 14, ROT 5, PS 80, PP 1400, MM .58
	15:30 - 16:00	0.50	RIG	1	DRLPRO	RIG SERVICE
	16:00 - 06:00	14.00	DRL	2	DRLPRO	DRILL F/6600' TO 6712' WOB 12, ROT 5, PS 80, PP 1200, MM .58 SLIDE TO MAINTAIN ANGLE
8/30/2008	06:00 - 17:30	11.50	DRL	2	DRLPRO	DRILL F/6712' TO 6892' WOB 10-15, ROT 5, PS 80, PP 1400, MM .58 SLIDE 12' ROTATE 52'
	17:30 - 18:00	0.50	RIG	1	DRLPRO	RIG SERVICE
	18:00 - 00:30	6.50	DRL	2	DRLPRO	DRILL F/6892' TO 6985' WOB 15, ROT 5, PS 80, PP 1400, MM .58 SLIDE TO GET NORTH EAST
	00:30 - 02:00	1.50	RIG	2	DRLPRO	CHANGE DIES IN SAVER SUB CLAMP
	02:00 - 05:00	3.00	DRL	2	DRLPRO	DRILL F/6985' TO 7010' WOB 8, ROT 0, PS 90, PP 1400 SLIDE TO GET NORTH EAST INCLINATION

Operations Summary Report

Legal Well Name: FR 9P-20-14-20 ST1
Common Well Name: FR 9P-20-14-20 ST1
Event Name: DRILLING
Contractor Name: Unit Drilling Co.
Rig Name: UNIT

Start: 7/31/2008
Rig Release:
Rig Number: 236

Spud Date: 7/29/2008
End:
Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
8/30/2008	05:00 - 06:00	1.00	OTH		DRLPRO	CONNECTION AND SURVEYS
8/31/2008	06:00 - 13:00	7.00	DRL	2	DRLPRO	DRILL F/7010' TO 7141' WOB 10, ROT 15, PS 95, PP 1640, MM .58 UNABLE TO SLIDE ROP DROPPED OFF
	13:00 - 18:00	5.00	TRP	10	DRLPRO	TRIP OUT BIT #5
	18:00 - 19:30	1.50	TRP	1	DRLPRO	LAY DOWN MUD MOTOR AND PICK UP POWER V, REPROGRAM MWD
	19:30 - 21:30	2.00	TRP	10	DRLPRO	TRIP IN WITH POWER V TO SHOE
	21:30 - 23:00	1.50	RIG	6	DRLPRO	SLIP AND CUT DRILLING LINE
	23:00 - 01:30	2.50	TRP	10	DRLPRO	FINISH TRIP IN
	01:30 - 02:00	0.50	REAM	1	DRLPRO	WASH AND REAM LAST STAND TO BOTTOM (PRECAUTIONARY)
	02:00 - 06:00	4.00	DRL	1	DRLPRO	DRILL WITH POWER V F/9141' TO 7283' WOB 8, ROT 75, PS 90, PP 1670
9/1/2008	06:00 - 12:30	6.50	DRL	1	DRLPRO	DRILL WITH POWER V F/7283' TO 7575' WOB 10, ROT 75, PS 90, PP 1530
	12:30 - 13:00	0.50	RIG	1	DRLPRO	RIG SERVICE
	13:00 - 17:00	4.00	DRL	1	DRLPRO	DRILL F/7575' TO 7780' WOB 10, ROT 75, PS 90, PP 1530 POWER V
	17:00 - 18:00	1.00	OTH		DRLPRO	CONNECTION AND SURVEYS
	18:00 - 05:00	11.00	DRL	1	DRLPRO	DRILL F/7780' TO 8353' WOB 11, ROT 75, PS 93, PP 1800 POWER V
	05:00 - 06:00	1.00	OTH		DRLPRO	CONNECTION AND SURVEYS
9/2/2008	06:00 - 11:00	5.00	DRL	1	DRLPRO	DRILL F/8353' TO 8546' WOB 10, ROT 75, PS 90, PP 1740, POWER V
	11:00 - 12:00	1.00	RIG	1	DRLPRO	RIG SERVICE, CHANGE ROTATING RUBBER
	12:00 - 04:00	16.00	DRL	1	DRLPRO	DRILL F/8546' TO 9227' WOB 10, ROT 75, PS 90, PP 1800, POWER V
	04:00 - 06:00	2.00	OTH		DRLPRO	CONNECTIONS AND SURVEYS
9/3/2008	06:00 - 12:30	6.50	DRL	1	DRLPRO	DRILL F/9227' TO 9518' WOB 10, ROT 75, PS 90, PP 1875 POWER V
	12:30 - 13:00	0.50	RIG	1	DRLPRO	RIG SERVICE
	13:00 - 21:30	8.50	DRL	1	DRLPRO	DRILL F/9518' TO 9907' WOB 10, ROT 75, PS 93, PP 1910, POWER V BUILDING ANGLE
	21:30 - 22:30	1.00	OTH		DRLPRO	CONNECTIONS AND SURVEYS
	22:30 - 04:30	6.00	TRP	2	DRLPRO	PUMP DRY PIPE PILL AND TRIP OUT BIT #6
	04:30 - 06:00	1.50	TRP	1	DRLPRO	PULL MWD, LAY DOWN POWER V, PICK UP .32 MOTOR ADJUSTT TO 1.83 ORIENT TOOLS

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Operations Summary Report

Legal Well Name: FR 9P-20-14-20 ST1
Common Well Name: FR 9P-20-14-20 ST1
Event Name: DRILLING
Contractor Name: Unit Drilling Co.
Rig Name: UNIT

Start: 7/31/2008
Rig Release: 9/25/2008
Rig Number: 236

Spud Date: 7/29/2008
End: 9/25/2008
Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
7/30/2008	06:00 - 12:00	6.00	LOC	3	DRLCON	MOVE IN BUCKET RIG CALL MICHAEL LEE ON 7/28/2008 FOR SPUD ON 7/29/2008 12:00
	12:00 - 16:00	4.00	LOC	2	DRLCON	DRILL 30" HOLE TO 40' SET 20" CONDUCTOR PIPE DRILL MOUSE HOLE TO 80'
	16:00 - 17:00	1.00	LOC	3	DRLCON	MOVE IN PRO PETRO RIG #8 RIG UP
	17:00 - 02:00	9.00	DRL	9	DRLCON	DRILL 15" HOLE WITH HAMMER F/40' TO 520'
	02:00 - 03:00	1.00	TRP	2	DRLCON	TRIP OUT TO RUN 10 3/4" CASING
	03:00 - 04:00	1.00	CSG	2	DRLCON	RUN 12 JTS OF 10 3/4", J-55, R3, ST&C CASING SET AT 512' GL
	04:00 - 06:00	2.00	CMT	2	DRLCON	CEMENT WITH 500 SKS OF 15.8 PPG 1.15 YIELD CLASS G CEMENT DISPLACED WITH 46 BBLS OF WATER BUMPED PLUG AND FLOATS HELD 30 BBLS OF CEMENT TO PITS NOTIFIED JAMIE SPARGER ABOUT CEMENT JOB
8/2/2008	06:00 - 18:00	12.00	LOC	4	MIRU	RIG DOWN TOP DRIVE, MUD PUMP AND MUD TANKS FLARE LINES AND CHOKE LINES AND ELECTRICAL LINES
	18:00 - 06:00	12.00	OTH		MIRU	WAIT ON DAYLIGHT
8/3/2008	06:00 - 18:00	12.00	LOC	4	RDMO	LAY OVER DERRICK, UNSTRING BLOCKS, SET OUT MUD CLEANING EQUIPMENT, HOPPER HOUSE, UPPER DOG HOUSE AND LAY OVER A LEGS SET OUT GAS BUSTER FLOW LINE AND CHOKE AND BOUY LINES RIG DOWN BACK YARD
	18:00 - 06:00	12.00	OTH		RDMO	WAIT ON DAYLIGHT
8/4/2008	06:00 - 18:00	12.00	LOC	3	RDMO	MOVE RIG TO FR9P-20-14-20, RIG MOVE 75%, RIG DOWN 100% INSTALL NIGHT CAP, WATER ROADS FOR DUST CONTROLL
8/5/2008	06:00 - 18:00	12.00	LOC	3	MIRU	RIG UP MATTING BOARDS, SUBS, MOTORS, PUMPS MUD TANKS SUIT CASES, BACK YARD, FUEL TANK, CENTRIFUGE, MUD CLEANER AND BOP RIG UP 50% RIG MOVE 85%
8/6/2008	06:00 - 18:00	12.00	LOC	3	MIRU	MOVE AND RIG UP CAMPS AND AIR, MOVE DRILL STRING RIG MOVE 90% RIG UP 75%
	18:00 - 06:00	12.00	OTH		MIRU	WIAT ON DAYLIGHT
8/7/2008	06:00 - 18:00	12.00	LOC	3	MIRU	PIN IN DERRICK STRING BLOCKS SET TOP DRIVE POWER UNIT MOVE MUD GENERAL RIG UP MOVE 100%, RIG UP 90%
	18:00 - 06:00	12.00	OTH		MIRU	WAIT ON DAYLIGHT
8/8/2008	06:00 - 18:00	12.00	LOC	4	MIRU	RAISE DERRICK, BRIDLE DOWN, INSTALL TORQUE TUBE, RIG UP FLOOR AND BOUYE LINES, FLARE LINES AND PANNICK LINE, DO REPAIR WORK CONTACTED ALAN WALKER WITH BLM ON NOTIFICATION OF BOP PRESSURE TEST 8/7/2008 0:900 TEST 8/8/2008 12:00
	18:00 - 06:00	12.00	OTH		MIRU	WAIT ON DAYLIGHT
8/9/2008	06:00 - 14:00	8.00	OTH		MIRU	PICK UP TOP DRIVE, WORK ON TOP DRIVE, TORQUE BOLTS ON BOP, RUN RACK ON POWER UNIT
	14:00 - 20:00	6.00	BOP	2	DRLIN1	TEST BOP, REPLACE RING IN HCR VALVE REBUILD CHRISMAS TREE VALVE ON CHOKE, TEST BAG TO 250 LOW AND 3500 HIGH, TEST PIPE RAMS, BLIND RAMS, CHOKE LINE AND VALVES TO 250 LOW AND 5000 HIGH TES CASING TO 1500 FOR 30 MININUTES ALL TESTED GOOD START DAYRATE 14:00 8/8/2008 BLM ON LOCATION FOR BOP TEST
	20:00 - 01:00	5.00	OTH		DRLIN1	MAKE UP SWIVEL TO TOP DRIVE, HOOK TO TORQUE TUBE, RETORQUE ALL FITTINGS AND SUBS
	01:00 - 02:00	1.00	BOP	2	DRLIN1	TEST DOUBLE BALL VALVE AND MANUAL VALVE 250 LOW AND 5000 HIGH TEST STAND PIPE BACK TO PUMPS 2500 LOW AND 3500 HIGH
	02:00 - 03:30	1.50	OTH		DRLIN1	INSTALL WEAR BUSHING
	03:30 - 05:00	1.50	OTH		DRLIN1	PICK UP BAILS AND ELEVATORS, LAY OUT BHA AND STRAP
	05:00 - 06:00	1.00	TRP	1	DRLIN1	PICK UP BHA

Operations Summary Report

Legal Well Name: FR 9P-20-14-20 ST1
Common Well Name: FR 9P-20-14-20 ST1
Event Name: DRILLING
Contractor Name: Unit Drilling Co.
Rig Name: UNIT

Start: 7/31/2008
Rig Release: 9/25/2008
Rig Number: 236

Spud Date: 7/29/2008
End: 9/25/2008
Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
8/10/2008	06:00 - 09:00	3.00	TRP	1	DRLIN1	PICK UP BHA
	09:00 - 10:30	1.50	RIG	2	DRLIN1	REPLACE WASH PIPE
	10:30 - 11:30	1.00	TRP	1	DRLIN1	TAG CEMENT AT 443' UNLOAD HOLE
	11:30 - 15:00	3.50	DRL	4	DRLIN1	DRILL CEMENT AND FLOAT EQUIPMENT 443' TO 542'
	15:00 - 18:00	3.00	DRL	1	DRLIN1	DRILL F/542' TO 650' WOB 18, ROT 70, AIR 2200 DUSTING
	18:00 - 18:30	0.50	RIG	2	DRLIN1	OIL VENT ON TOP DRIVE FELL OFF REPLACE OIL VENT
	18:30 - 19:00	0.50	DRL	1	DRLIN1	DRILL F/650' TO 656' WOB 18, ROT 70, AIR 2200
	19:00 - 19:30	0.50	SUR	1	DRLIN1	SURVEY @621' .2 INC 133.55 AZM
	19:30 - 21:30	2.00	DRL	1	DRLIN1	DRILL F/656' TO 731' WOB 18, ROT 70, AIR 2200 DUSTING
	21:30 - 06:00	8.50	RIG	2	DRLIN1	TOP DRIVE WILL NOT FUNCTION NO ROTATION REPLACE 37 PIN LINE AND WAIT ON TOP DRIVE HAND
8/11/2008	06:00 - 12:30	6.50	RIG	2	DRLIN1	WORK ON TOP DRIVE CONTROL PANEL
	12:30 - 17:00	4.50	DRL	1	DRLIN1	DRILL F/731' TO 1039' WOB 20, ROT 70, AIR 2200 DUSTING
	17:00 - 18:00	1.00	OTH		DRLIN1	CONNECTIONS AND REGAIN CIRCULATION
	18:00 - 19:00	1.00	OTH		DRLIN1	LOST 30 PSI OF STANDPIPE PRESSURE WHILE DRILLING, LOST 30000 OF STRING WEIGHT WHEN PICKED UP
	19:00 - 20:30	1.50	TRP	11	DRLIN1	TRIP OUT
	20:30 - 21:00	0.50	TRP	1	DRLIN1	LAY DOWN 5" DRILL COLLAR PIN TWISTED OFF LEAVING SIX 5" DC, XO, THREE 6.5" DC, XO, ONE 8" DC, ONE STRING MILL, ONE 8" DC, ONE 8" MONEL AND BIT SUB AND BIT IN HOLE FISH 381.13'
	21:00 - 00:30	3.50	WOT	4	DRLIN1	WAIT ON FISHING TOOLS
	00:30 - 02:00	1.50	TRP	1	DRLIN1	MAKE UP FISHING TOOLS
	02:00 - 03:30	1.50	TRP	2	DRLIN1	TRIP IN WITH FISHING TOOLS
	03:30 - 04:00	0.50	FISH	5	DRLIN1	TAG FISH, ROTATE SET WEIGHT ON PULL FISH
	04:00 - 05:30	1.50	TRP	2	DRLIN1	TRIP OUT WITH FISH
	05:30 - 06:00	0.50	TRP	1	DRLIN1	LAY DOWN FISH
8/12/2008	06:00 - 07:00	1.00	FISH	5	DRLIN1	LAY DOWN FISHING TOOLS
	07:00 - 14:30	7.50	ISP	1	DRLIN1	INSPECT BHA
	14:30 - 17:00	2.50	DRL	1	DRLIN1	DRILL F/1039' TO 1174' WOB 20, ROT 70, AIR 3000, MIST 10 GPM HOLE WET NOT MAKING WATER
	17:00 - 18:00	1.00	OTH		DRLIN1	CONNECTIONS, REGAIN CIRCULATION
	18:00 - 19:00	1.00	DRL	1	DRLIN1	DRILL F/1174' TO 1264' WOB 20, ROT 70, AIR 3000, MIST 10 GPM
	19:00 - 19:30	0.50	SUR	1	DRLIN1	SURVEY @ 1193' .2 INC 236.75 AZM
	19:30 - 04:30	9.00	DRL	1	DRLIN1	DRILL F/1264' TO 1700' WOB 20, ROT 70, 3000 CFM, MIST 10 GPM , PP 320
	04:30 - 06:00	1.50	OTH		DRLIN1	CONNECTIONS AND REGAIN CIRCULATION
8/13/2008	06:00 - 06:30	0.50	SUR	1	DRLPRO	SURVEY @ 1695' = .1 INC & 204.35 AZ
	06:30 - 07:00	0.50	OTH		DRLPRO	REPLACE GASKET ON FLOW SENSOR
	07:00 - 13:30	6.50	DRL	1	DRLPRO	DRILL F/ 1700' TO 1894', WOB 22-24K, ROT 73, AIR 3000, PUMP 118 GPM, PSI 505
	13:30 - 14:00	0.50	RIG	1	DRLPRO	RIG SERVICE
	14:00 - 17:00	3.00	DRL	1	DRLPRO	DRILL F/ 1894' TO 2081', WOB 22-25K, ROT 75, AIR 3000, PUMP 118 GPM, PSI 510 (MAKING WATER)
	17:00 - 18:00	1.00	RIG	2	DRLPRO	REPAIR VALVE & TIGHTEN BOLTS ON FLOW LINE
	18:00 - 19:30	1.50	OTH		DRLPRO	CONNECTIONS & REGAIN CIRCULATION
	19:30 - 22:30	3.00	DRL	1	DRLPRO	DRILL F/ 2081' TO 2283', WOB 25K, ROT 75, AIR 3000, PUMP 118 GPM, PSI 525
	22:30 - 23:30	1.00	RIG	2	DRLPRO	TIGHTEN GRABBER BOX CLAMP & RETORQUE SAVER SUB
	23:30 - 05:00	5.50	DRL	1	DRLPRO	DRILL F/ 2283' TO 2672', WOB 27K, ROT 75, AIR 3000, PUMP 118 GPM, PSI 540
	05:00 - 06:00	1.00	OTH		DRLPRO	CONNECTIONS & REGAIN CIRCULATION
8/14/2008	06:00 - 07:30	1.50	OTH		DRLPRO	RECENTER TOP DRIVE TRACK & TIGHTEN TURNBUCKLES (FOUND BRASS SHAVINGS FROM WEAR RING ON LOAD

Operations Summary Report

Legal Well Name: FR 9P-20-14-20 ST1
Common Well Name: FR 9P-20-14-20 ST1
Event Name: DRILLING
Contractor Name: Unit Drilling Co.
Rig Name: UNIT

Start: 7/31/2008
Rig Release: 9/25/2008
Rig Number: 236

Spud Date: 7/29/2008
End: 9/25/2008
Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
8/14/2008	06:00 - 07:30	1.50	OTH		DRLPRO	SUPPORT BUSHING ON TOP DRIVE)
	07:30 - 08:30	1.00	SUR	1	DRLPRO	SURVEY @ 2666' = .3 INC & 245.55 AZ
	08:30 - 13:00	4.50	DRL	1	DRLPRO	DRILL W/ AERATED FLUID F/ 2672' TO 2899', WOB 30-35K, ROT 80, PUMP 158 GPM, AIR 3000, PSI 600 (MAKING WATER)
	13:00 - 14:00	1.00	RIG	1	DRLPRO	RIG & TOP DRIVE SERVICE
	14:00 - 16:00	2.00	DRL	1	DRLPRO	DRILL F/ 2899' TO 2958', WOB 35K, ROT 80, PUMP 158 GPM, AIR 3000, PSI 610 (MAKING WATER)
	16:00 - 17:00	1.00	OTH		DRLPRO	YELLOW DOG PUMP DOWN SWITCH TO MIST PUMP
	17:00 - 03:30	10.50	DRL	1	DRLPRO	DRILL F/ 2958' TO 3668', WOB 35K, ROT 80, MIST 10 GPM, AIR 3000, PSI 670 (MAKING WATER)
	03:30 - 06:00	2.50	OTH		DRLPRO	CONNECTIONS & RGAIN CIRCULATION W/ AIR
8/15/2008	06:00 - 09:00	3.00	DRL	1	DRLIN1	DRILL F/ 3668' TO 3807', WOB 35K, ROT 80, AIR 3000, PUMP 237 GPM, PSI 670
	09:00 - 09:30	0.50	CIRC	1	DRLIN1	CIRCULATE & PUMP SWEEP
	09:30 - 12:00	2.50	TRP	14	DRLIN1	SHORT TRIP TO SHOE (SLM)
	12:00 - 13:30	1.50	RIG	6	DRLIN1	SLIP & CUT DRILL LINE
	13:30 - 14:30	1.00	RIG	2	DRLIN1	REPLACE AIR LINE ON HIGH DRUM CLUTCH
	14:30 - 16:30	2.00	TRP	14	DRLIN1	TIH, WASH & REAM 60' (PRECAUTIONARY) NO FILL
	16:30 - 18:30	2.00	CIRC	1	DRLIN1	CIRCULATE, PUMP SWEEPS, RAISE VIS
	18:30 - 22:00	3.50	FISH	6	DRLIN1	DROP SURVEY & TOOH PIPE STUCK @ 3775', NO CIRCULATION OR ROTATION, WORK PIPE FREE @ 3750' W/ FULL CIRCULATION
	22:00 - 23:30	1.50	CIRC	1	DRLIN1	CIRCULATE PUMPING SWEEPS W/ AIR MIST WASH & REAM TO 3807', CLEAN HOLE
	23:30 - 01:30	2.00	TRP	2	DRLIN1	TOOH BACKREAM F/ 3738' TO 3645', PULL 9 STANDS TO 2818' & TIH TO 3645', WASH & REAM TO 3807
	01:30 - 02:30	1.00	REAM	1	DRLIN1	WASH & REAM F/ 3645' TO 3807'
	02:30 - 04:30	2.00	CIRC	1	DRLIN1	PUMP WATER INTO FORMATION W/ MUD PUMPS @ 580 GPM, NO AIR & 1700 PSI (REDUCE RESERVE PIT LEVEL)
	04:30 - 06:00	1.50	TRP	2	DRLIN1	TOOH TO RUN CASING, TIGHT @ 3787', BACKREAM TO 3620', STAND 4 FREE
8/16/2008	06:00 - 07:30	1.50	TRP	2	CSGIN1	TIH TO 3750', WASH & REAM TO 3807'
	07:30 - 08:30	1.00	CIRC	1	CSGIN1	CIRCULATE & BUILD HIGH VIS PILL (115 BBL)
	08:30 - 11:30	3.00	TRP	2	CSGIN1	SPOT 56 VIS PILL, TOOH, BACKREAM F/ 3807' TO 3645'
	11:30 - 13:30	2.00	TRP	1	CSGIN1	LAY DOWN 6-1/2" & 8" DC, BIT SUB, WATERMELLON MILL & X-OVER
	13:30 - 14:30	1.00	OTH		CSGIN1	PULL WEAR BUSHING
	14:30 - 16:00	1.50	CSG	1	CSGIN1	RIG UP FRANKS WESTSTATE CASING CREW
	16:00 - 21:00	5.00	CSG	2	CSGIN1	RUN 83 JTS 7-5/8", 29.7#, HCP-110, LT&C CASING
	21:00 - 22:00	1.00	CSG	1	CSGIN1	RIG DOWN CASING CREW
	22:00 - 02:00	4.00	CIRC	1	CSGIN1	BREAK CIRCULATION & WASH 2 JTS CASING F/ 3750' TO 3803' - FLOAT SHOE @ 3803' & FLOAT COLLAR @ 3709'
	02:00 - 06:00	4.00	CIRC	1	CSGIN1	CIRCULATE SPOT IN HALLIBURTON EQUIPMENT & RIG UP CEMENTERS
8/17/2008	06:00 - 10:00	4.00	WOT	4	CSGIN1	WAIT ON CAMERON & INSTALL SECTION "A" VALVE OUTLET FLANGES
	10:00 - 10:30	0.50	CSG	7	CSGIN1	SET SLIPS
	10:30 - 13:30	3.00	CMT	2	CSGIN1	SAFETY MEETING, TEST CEMENT LINES W/ 4000 PSI & N2 LINES W/ 6000 PSI, PUMP 10 BBL FRESH WATER, 30 BBL SUPER FLUSH, 10 BBL FRESH WATER. PUMP 30 BBL (115 SKS) YIELD 1.48 FT/SK SCAVENGER CEMENT FOAMED TO 7 PPG, PUMP 110 BBL (420 SKS) FOAMED LEAD 8.5 PPG, YIELD 1.48 FT/SK. PUMP 50 BBL (190 SKS) 2ND FOAMED LEAD 11 PPG, YIELD 1.48 FT/SK. PUMP 40 BBL (140 SKS) TAIL CEMENT 14.3 PPG, YIELD 1.48FT/SK. DROP PLUG &

Operations Summary Report

Legal Well Name: FR 9P-20-14-20 ST1
Common Well Name: FR 9P-20-14-20 ST1
Event Name: DRILLING
Contractor Name: Unit Drilling Co.
Rig Name: UNIT

Start: 7/31/2008
Rig Release: 9/25/2008
Rig Number: 236

Spud Date: 7/29/2008
End: 9/25/2008
Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
8/17/2008	10:30 - 13:30	3.00	CMT	2	CSGIN1	DISPLACE W/ 165 BBL 8.4 PPG MUD, MBUMP PLUG W/ 1095 PSI, FLOATS HELD, 2 BBL BACK. 102 BBL CEMENT TO SURFACE. PUMP 17 BBL (62 SKS) CAP CEMENT14.6 PPG YIELD 1.55 FT/SK
	13:30 - 15:00	1.50	CMT	1	CSGIN1	RIG DOWN CEMENTERS
	15:00 - 18:00	3.00	WOT	1	CSGIN1	WAIT ON CEMENT
	18:00 - 21:30	3.50	BOP	1	CSGIN1	SAFETY MEETING, RIG UP B&C QUICK TEST LIFT TRUCK & NIPPLE DOWN BOP, LIFT STACK
	21:30 - 22:30	1.00	CSG	6	CSGIN1	CUT OFF CASING
	22:30 - 06:00	7.50	BOP	1	CSGIN1	CHANGE OUT "B" SECTION & ADAPTOR SPOOL W/ CAMERON 11" 5000 x 11" 5000 & DSA (HAD TO CUT BOLTS OFF BOTTOM BOP TO PULL ADAPTOR SPOOL) TORQUE UP BOLTS
8/18/2008	06:00 - 09:00	3.00	BOP	1	DRLPRO	TORQUE UP BOP BOLTS, CHOKE & KILL LINE & FLANGE UP FLOWLINE, REPLACE 10" VALVE ON FLOWLINE
	09:00 - 13:00	4.00	BOP	2	DRLPRO	TEST BOP W/ B&C QUICK TEST, UPPER & LOWER PIPE RAMS, BLIND RAMS, CHOKE & KILL LINE, CHOKE MANIFOLD, FLOOR VALVES & DOUBLE BALL VALVE F/ TOP DRIVE W/ 250 PSI LOW & 5000 PSI HIGH. TEST ANNULAR W/ 2500 PSI. TEST CASING W/ 1500 PSI F/ 30 MINUTES
	13:00 - 20:00	7.00	RIG	2	DRLPRO	OPEN & INSPECT TOP DRIVE LOAD SUB & WEAR BUSHING, FOUND MINIMAL WEAR FOR BRASS WEAR BUSHING, FOUND 2 EA 1/16" GROOVES ON LOAD SUB. REINSTALL SAME
	20:00 - 21:30	1.50	OTH		DRLPRO	INSTALL WEAR BUSHING
	21:30 - 23:30	2.00	TRP	1	DRLPRO	PICK UP BHA
	23:30 - 03:00	3.50	TRP	2	DRLPRO	TIH W/ BIT # 2, TAG CEMENT @ 3654'. CHANGE OUT JARS & ROTATING HEAD RUBBER
	03:00 - 04:00	1.00	CIRC	1	DRLPRO	DISPLACE WATER IN HOLE W/ MUD
	04:00 - 06:00	2.00			DRLPRO	DRILL CEMENT & FLOAT EQUIPMENT (PLUG @ 3659')
8/19/2008	06:00 - 07:30	1.50	DRL	1	DRLPRO	DRILL 6-1/2" HOLE F/ 3807' TO 3825', WOB 12K, ROT 80, PS 100, PP 1400
	07:30 - 08:00	0.50	EQT	2	DRLPRO	FIT W/ 8.5# AMW & 594 PSI = 11.5 EMW
	08:00 - 12:30	4.50	DRL	1	DRLPRO	DRILL F/ 3825' TO 4005', WOB 15K, ROT 95, PS 100, PP 1350 (TOP DRIVE MAXED OUT RPM @ 95)
	12:30 - 13:00	0.50	RIG	1	DRLPRO	RIG SERVICE
	13:00 - 15:30	2.50	DRL	1	DRLPRO	DRILL F/ 4005' TO 4106', WOB 15K, ROT 90, PS 100, PP 1320
	15:30 - 16:00	0.50	SUR	1	DRLPRO	SURVEY @ 4059' = 1.2 INC & 224.35 AZ
	16:00 - 23:30	7.50	DRL	1	DRLPRO	DRILL F/ 4106' TO 4395', WOB 13-15K, ROT 85-90, PS 100, PP 1280 (TOP DRIVE CONTINES LOOSING RPM SLOWLY)
	23:30 - 00:00	0.50	SUR	1	DRLPRO	SURVEY @ 4357' = 1.0 INC & 216.14 AZ
	00:00 - 04:30	4.50	DRL	1	DRLPRO	DRILL F/ 4395' TO 4687', WOB 13-15K, ROT 90-95, PS 100, PP 1250 (TOP DRIVE ABLE TO ROTATE @ 100 RPM NIGHT TIME, TEMP PROBLEM ???)
	04:30 - 06:00	1.50	OTH		DRLPRO	CONNECTIONS & SPR
8/20/2008	06:00 - 08:00	2.00	CIRC	1	DRLPRO	CIRCULATE PUMPING SWEEPS TO CLEAN HOLE, BACKREAM W 30-40K OVERPULL
	08:00 - 09:00	1.00	SUR	1	DRLPRO	SURVEY @ 4643' = 1.2 INC & 199.25 AZ
	09:00 - 16:00	7.00	DRL	1	DRLPRO	DRILL F/ 4687' TO 4880', WOB 15-16K, ROT 90, PS 100, PP 1220 (INCREASE MUD WT TO 9.0 #) 20-25K OVERPULL ON CONNECTION
	16:00 - 16:30	0.50	RIG	1	DRLPRO	RIG SERVICE
	16:30 - 19:00	2.50	DRL	1	DRLPRO	DRILL F/ 4880' TO 4979', WOB 16-17K, ROT 85-90K, PS 100, PP 1300 (INCREASE MUD WT TO 9.3#)
	19:00 - 19:30	0.50	SUR	1	DRLPRO	SURVEY @ 4935' = 1.3 INC & 216.65 AZ
	19:30 - 02:30	7.00	DRL	1	DRLPRO	DRILL F/ 4979' TO 5270', WOB 17-18K, ROT 85-90K, PS 100, PP 1300

Operations Summary Report

Legal Well Name: FR 9P-20-14-20 ST1
Common Well Name: FR 9P-20-14-20 ST1
Spud Date: 7/29/2008
Event Name: DRILLING
Start: 7/31/2008
End: 9/25/2008
Contractor Name: Unit Drilling Co.
Rig Release: 9/25/2008
Group:
Rig Name: UNIT
Rig Number: 236

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
8/20/2008	02:30 - 05:30	3.00	OTH		DRLPRO	CONNECTIONS & SPR
	05:30 - 06:00	0.50	SUR	1	DRLPRO	SURVEY @ 5226' = 2.0 INC & 214.75 AZ
8/21/2008	06:00 - 11:00	5.00	DRL	1	DRLPRO	DRILL F/ 5270' TO 5464', WOB 18K, ROT 85-90, PS 100, PP 1300 (CONNECTIONS TIGHT 20K OVERPULL)
	11:00 - 12:00	1.00	OTH		DRLPRO	CONNECTIONS
	12:00 - 06:00	18.00	FISH	3	DRLPRO	STUCK PIPE @ 5397' WHILE BACKREAMING CONNECTION, BLEW NAIL ON PUMP, REGAIN CIRCULATION UNABLE TO ROTATE, JAR ON PIPE (JAR UP, GOOD HIT, JAR DOWN SOFT HIT) INCREASE MUD WT TO 9.5#, INSPECT DERRICK EVERY 2 HRS (WIRELINE TRUCK ON LOCATION @ 0500 RIGGING UP)
8/22/2008	06:00 - 08:00	2.00	FISH	4	DRLPRO	RIG UP J-W WIRELINE TRUCK
	08:00 - 10:00	2.00	FISH	4	DRLPRO	RIH W/ FREE POINT TOOL, FREE TO 5340' (NMDC) POOH
	10:00 - 12:00	2.00	FISH	4	DRLPRO	MAKE UP SHOT & RIH W/ TOOL, CONFIRM DEPTH & BACK OFF @ 5294.26' (102.74' FISH IN HOLE - 1 EA DC, NMDC, XO, IBS, TRI-COLLAR, TORQUE BUSTER & BIT)
	12:00 - 12:30	0.50	FISH	4	DRLPRO	RIG DOWN WIRELINE TRUCK
	12:30 - 16:00	3.50	TRP	2	DRLPRO	TOOH, L/D JARS & BOTTOM DC
	16:00 - 18:30	2.50	TRP	1	DRLPRO	PICK UP FISHING TOOLS
	18:30 - 20:30	2.00	TRP	2	DRLPRO	TIH W/ FISHING TOOLS
	20:30 - 21:00	0.50	OTH		DRLPRO	SCREW INTO FISH & BREAK CIRCULATION
	21:00 - 06:00	9.00	FISH	3	DRLPRO	JAR ON FISH W/ FULL CIRCULATION - NO SUCCESS
8/23/2008	06:00 - 08:30	2.50	FISH	3	DRLPRO	JAR ON DRILL STRING - NO SUCCESS
	08:30 - 10:30	2.00	FISH	4	DRLPRO	RIH W/ TOOL & BACK OFF@ 5357', POOH (BIT, TORQUE BUSTER, TRI-COLLAR & IBS LEFT IN HOLE)
	10:30 - 11:30	1.00	FISH	4	DRLPRO	RIG DOWN WIRE LINE TRUCK
	11:30 - 16:30	5.00	TRP	2	DRLPRO	TOOH LAY DOWN FISHING TOOLS & 5" DC & NMDC
	16:30 - 17:00	0.50	OTH		DRLPRO	CHANGE OUT ELEVATORS
	17:00 - 20:30	3.50	TRP	2	DRLPRO	MAKE UP STINGER & TIH W/ 42 STANDS, PICK UP DRILL PIPE, TAG TOP OF FISH @ 5357'
	20:30 - 21:00	0.50	CMT	1	DRLPRO	BREAK CIRCULATION, SAFETY MEETING, RIG UP HALLIBURTON CEMENTERS
	21:00 - 22:00	1.00	CMT	2	DRLPRO	TEST CEMENT LINE W/ 5000 PSI, PUMP 10 BBL WATER, 26.8 BBL (160 SKS) 17.5# .94 YIELD 3.35 GAL/SK CEMENT, 4 BBL WATER BEHIND & DISPLACE W/ 47 BBL 9.7# MUD
	22:00 - 22:30	0.50	TRP	2	DRLPRO	TOOH 7 STANDS TO 4660'
	22:30 - 23:30	1.00	CIRC	1	DRLPRO	CIRCULATE & RIG DOWN CEMENTERS
	23:30 - 01:30	2.00	TRP	2	DRLPRO	TOOH W/ DP
	01:30 - 05:00	3.50	TRP	1	DRLPRO	P/U NEVIS DIRECTIONAL TOOLS & 4 DC
	05:00 - 06:00	1.00	WOT	4	DRLPRO	WAIT ON CURTS TOOL INSPECTION F/ BHA TRIP INSPECTION
8/24/2008	06:00 - 12:30	6.50	ISP	1	DRLPRO	RIG UP CURTS TOOL INSPECTION TRIP INSPECT BHA (L/D 1 EA DC CRACKED PIN) PICK UP JARS
	12:30 - 13:00	0.50	OTH		DRLPRO	CLEAN RIG FLOOR & TEST MUD MOTOR
	13:00 - 15:00	2.00	TRP	2	DRLPRO	TIH TO 4670', TAG CEMENT
	15:00 - 16:30	1.50	DRL	5	DRLPRO	DRILL CEMENT STRINGERS F/ 4670' TO 4703', 4750' TO 4759', SOFT CEMENT TO 4818'
	16:30 - 17:30	1.00	CIRC	1	DRLPRO	CIRCULATE SWEEP
	17:30 - 18:30	1.00	TRP	2	DRLPRO	TOOH TO SHOE
	18:30 - 21:30	3.00	WOT	1	DRLPRO	WAIT ON CEMENT
	21:30 - 22:00	0.50	TRP	2	DRLPRO	TIH TO 4818
	22:00 - 00:00	2.00			DRLPRO	DRILL INTERMITTENT CEMENT STRINGERS F/4842' TO 4927', 5042' TO 5050', HARD CEMENT F/ 5050' TO 5060'
	00:00 - 06:00	6.00	DRL	7	DRLPRO	SIDETRACK #1, TIME DRILL FROM 5060' TO 5065' @ 5 MIN/PER INCH WOB 0-6K, RPM 122, PS 80 PP 920 - CEMENT 90%

Operations Summary Report

Legal Well Name: FR 9P-20-14-20 ST1
Common Well Name: FR 9P-20-14-20 ST1
Event Name: DRILLING
Contractor Name: Unit Drilling Co.
Rig Name: UNIT

Start: 7/31/2008
Rig Release: 9/25/2008
Rig Number: 236

Spud Date: 7/29/2008
End: 9/25/2008
Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
8/24/2008	00:00 - 06:00	6.00	DRL	7	DRLPRO	FORMATION 10%
8/25/2008	06:00 - 11:00	5.00	DRL	7	DRLPRO	TIME DRILL F/ 5065' TO 5075' (4 MIN/ INCH 5' & 3 MIN/ INCH 5') WOB STACKED OUT W/ 30K (100% FORMATION @ 5069')
	11:00 - 11:30	0.50	DRL	7	DRLPRO	WORK THROUGH KICK OFF TWICE, OK, SURVEY @ 5029' = 1.5 INC & 204.2 AZ
	11:30 - 13:30	2.00	DRL	2	DRLPRO	DRILL F/ 5075' TO 5086', WOB 13-18K, RPM 160, PS 85, PP 1200 (100% FORMATION)
	13:30 - 14:30	1.00	CIRC	1	DRLPRO	SURVEY @ 5040' = 1.5 INC & 209.5 AZ, MIX & PUMP DRY SLUG
	14:30 - 18:00	3.50	TRP	10	DRLPRO	TOOH W/ BIT # 3
	18:00 - 20:30	2.50	TRP	2	DRLPRO	CHANGE BITS & TIH W/ BIT # 4
	20:30 - 21:30	1.00	REAM	1	DRLPRO	WASH & REAM F/ 4938' TO 5050', SLIDE F/ 5050' TO 5086'
	21:30 - 04:30	7.00	DRL	2	DRLPRO	DRILL F/ 5086' TO 5303', WOB 4-10K, ROT 15, RPM 125, PS 75, PP 1300
	04:30 - 06:00	1.50	OTH		DRLPRO	CONNECTIONS & SURVEYS
8/26/2008	06:00 - 12:30	6.50	DRL	2	DRLPRO	DRILL F/5303' TO 5530' WOB 10, ROT 15, PS 100, PP 1492 SLIDE TO MAINTAIN ANGLE MM .58
	12:30 - 13:00	0.50	RIG	1	DRLPRO	RIG SERVICE
	13:00 - 03:30	14.50	DRL	2	DRLPRO	DRILL F/5530' TO 5918' WOB 10, ROT 15, PS 100, PP 1590, SLIDE 8' ROTATE 88' MM .58
	03:30 - 04:00	0.50	RIG	2	DRLPRO	TIGHTEN SAVER SUB
	04:00 - 06:00	2.00	DRL	2	DRLPRO	DRILL F/5918' TO 5958' WOB 10, ROT 15, PS 100, PP 1590 TWO HOURS OFF BIT HOURS FOR SURVEY TIME CAN'T RUN OVER 10000 WOB MOTOR SPIKES
8/27/2008	06:00 - 13:00	7.00	DRL	2	DRLPRO	DRILL F/5958' TO 6112' WOB 10, ROT 27, PS 95, PP 1470, MM .58 SLIDE TO MAINTAIN ANGLE SLIDE 8' ROTATE 130'
	13:00 - 13:30	0.50	RIG	1	DRLPRO	RIG SERVICE
	13:30 - 04:30	15.00	DRL	2	DRLPRO	DRILL F/6112' TO 6373' WOB 10, ROT 5-27, PS 80-95, PP 1350, MM .58 SLIDE TO MAINTAIN ANGLE
	04:30 - 06:00	1.50	OTH		DRLPRO	CONNECTION AND SURVEY TIME
8/28/2008	06:00 - 09:00	3.00	DRL	2	DRLPRO	DRILL F/6373' TO 6405' WOB 10, ROT 5, PS 80, PP 1250, MM .58
	09:00 - 09:30	0.50	RIG	1	DRLPRO	RIG SERVICE
	09:30 - 04:00	18.50	DRL	2	DRLPRO	DRILL F/6405' TO 6485' WOB 8-16, ROT 10, PS 80, PP 1260, MM .58 SLIDE TO MAINTAIN ANGLE
	04:00 - 06:00	2.00	TRP	10	DRLPRO	PUMP DRY PIPE PILL, TRIP OUT BIT #4
8/29/2008	06:00 - 08:00	2.00	TRP	10	DRLPRO	TRIP OUT BIT #4
	08:00 - 09:30	1.50	TRP	1	DRLPRO	PULL MWD, LAY DOWN MOTOR AND PICK UP NEW .58, ORIENT TOOLS
	09:30 - 10:00	0.50	OTH		DRLPRO	FUNCTION TEST BOP
	10:00 - 14:00	4.00	TRP	10	DRLPRO	TRIP IN BIT #5 TEST MOTOR AT HWDP, WASHED 1 STD DOWN AT 5100'
	14:00 - 14:30	0.50	REAM	1	DRLPRO	WASH AND REAM LAST STAND TO BOTTOM (PRECAUTIONARY)
	14:30 - 15:30	1.00	DRL	2	DRLPRO	DRILL F/6584' TO 6600' WOB 14, ROT 5, PS 80, PP 1400, MM .58
	15:30 - 16:00	0.50	RIG	1	DRLPRO	RIG SERVICE
	16:00 - 06:00	14.00	DRL	2	DRLPRO	DRILL F/6600' TO 6712' WOB 12, ROT 5, PS 80, PP 1200, MM .58 SLIDE TO MAINTAIN ANGLE
8/30/2008	06:00 - 17:30	11.50	DRL	2	DRLPRO	DRILL F/6712' TO 6892' WOB 10-15, ROT 5, PS 80, PP 1400, MM .58 SLIDE 12' ROTATE 52'
	17:30 - 18:00	0.50	RIG	1	DRLPRO	RIG SERVICE
	18:00 - 00:30	6.50	DRL	2	DRLPRO	DRILL F/6892' TO 6985' WOB 15, ROT 5, PS 80, PP 1400, MM .58 SLIDE TO GET NORTH EAST
	00:30 - 02:00	1.50	RIG	2	DRLPRO	CHANGE DIES IN SAVER SUB CLAMP
	02:00 - 05:00	3.00	DRL	2	DRLPRO	DRILL F/6985' TO 7010' WOB 8, ROT 0, PS 90, PP 1400 SLIDE TO GET NORTH EAST INCLINATION

Operations Summary Report

Legal Well Name: FR 9P-20-14-20 ST1
Common Well Name: FR 9P-20-14-20 ST1
Event Name: DRILLING
Contractor Name: Unit Drilling Co.
Rig Name: UNIT

Start: 7/31/2008
Rig Release: 9/25/2008
Rig Number: 236

Spud Date: 7/29/2008
End: 9/25/2008
Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
8/30/2008	05:00 - 06:00	1.00	OTH		DRLPRO	CONNECTION AND SURVEYS
8/31/2008	06:00 - 13:00	7.00	DRL	2	DRLPRO	DRILL F/7010' TO 7141' WOB 10, ROT 15, PS 95, PP 1640, MM .58 UNABLE TO SLIDE ROP DROPPED OFF
	13:00 - 18:00	5.00	TRP	10	DRLPRO	TRIP OUT BIT #5
	18:00 - 19:30	1.50	TRP	1	DRLPRO	LAY DOWN MUD MOTOR AND PICK UP POWER V, REPROGRAM MWD
	19:30 - 21:30	2.00	TRP	10	DRLPRO	TRIP IN WITH POWER V TO SHOE
	21:30 - 23:00	1.50	RIG	6	DRLPRO	SLIP AND CUT DRILLING LINE
	23:00 - 01:30	2.50	TRP	10	DRLPRO	FINISH TRIP IN
	01:30 - 02:00	0.50	REAM	1	DRLPRO	WASH AND REAM LAST STAND TO BOTTOM (PRECAUTIONARY)
	02:00 - 06:00	4.00	DRL	1	DRLPRO	DRILL WITH POWER V F/9141' TO 7283' WOB 8, ROT 75, PS 90, PP 1670
9/1/2008	06:00 - 12:30	6.50	DRL	1	DRLPRO	DRILL WITH POWER V F/7283' TO 7575' WOB 10, ROT 75, PS 90, PP 1530
	12:30 - 13:00	0.50	RIG	1	DRLPRO	RIG SERVICE
	13:00 - 17:00	4.00	DRL	1	DRLPRO	DRILL F/7575' TO 7780' WOB 10, ROT 75, PS 90, PP 1530 POWER V
	17:00 - 18:00	1.00	OTH		DRLPRO	CONNECTION AND SURVEYS
	18:00 - 05:00	11.00	DRL	1	DRLPRO	DRILL F/7780' TO 8353' WOB 11, ROT 75, PS 93, PP 1800 POWER V
	05:00 - 06:00	1.00	OTH		DRLPRO	CONNECTION AND SURVEYS
9/2/2008	06:00 - 11:00	5.00	DRL	1	DRLPRO	DRILL F/8353' TO 8546' WOB 10, ROT 75, PS 90, PP 1740, POWER V
	11:00 - 12:00	1.00	RIG	1	DRLPRO	RIG SERVICE, CHANGE ROTATING RUBBER
	12:00 - 04:00	16.00	DRL	1	DRLPRO	DRILL F/8546' TO 9227' WOB 10, ROT 75, PS 90, PP 1800, POWER V
	04:00 - 06:00	2.00	OTH		DRLPRO	CONNECTIONS AND SURVEYS
9/3/2008	06:00 - 12:30	6.50	DRL	1	DRLPRO	DRILL F/9227' TO 9518' WOB 10, ROT 75, PS 90, PP 1875 POWER V
	12:30 - 13:00	0.50	RIG	1	DRLPRO	RIG SERVICE
	13:00 - 21:30	8.50	DRL	1	DRLPRO	DRILL F/9518' TO 9907' WOB 10, ROT 75, PS 93, PP 1910, POWER V BUILDING ANGLE
	21:30 - 22:30	1.00	OTH		DRLPRO	CONNECTIONS AND SURVEYS
	22:30 - 04:30	6.00	TRP	2	DRLPRO	PUMP DRY PIPE PILL AND TRIP OUT BIT #6
	04:30 - 06:00	1.50	TRP	1	DRLPRO	PULL MWD, LAY DOWN POWER V, PICK UP .32 MOTOR ADJUSTT TO 1.83 ORIENT TOOLS
9/4/2008	06:00 - 06:30	0.50	BOP	2	DRLPRO	FUNCTION TEST BOP
	06:30 - 07:00	0.50	OTH		DRLPRO	MOVE DRILL COLLARS IN DERRICK
	07:00 - 08:00	1.00	DRL	3	DRLPRO	ORIENT DIRRECTIONAL TOOLS
	08:00 - 14:00	6.00	TRP	1	DRLPRO	TRIP IN TEST MWD AT 4000' PICK UP 11 JTS OF DRILL PIPE
	14:00 - 14:30	0.50	REAM	1	DRLPRO	WASH AND REAM LAST STD TO BOTTOM (PRECAUTIONARY)
	14:30 - 16:30	2.00	DRL	2	DRLPRO	DRILL F/9907' TO 9972' WOB 8, ROT 20, PS 95, PP 1950, MM .26 SLIDE 10' ROTATE 54' TO DROP ANGLE
	16:30 - 17:00	0.50	RIG	1	DRLPRO	RIG SERVICE
	17:00 - 04:30	11.50	DRL	2	DRLPRO	DRILL F/9972' TO 10427' WOB 10, ROT 20, PS 95, PP 1900, MM .26 SLIDE 10' ROTATE 22' TO DROP ANGLE
	04:30 - 06:00	1.50	OTH		DRLPRO	CONNECTIONS AND SURVEYS
9/5/2008	06:00 - 12:30	6.50	DRL	2	DRLPRO	DRILL F/10427' TO 10566' WOB 8, PS 95, PP 1860, ROT 20, MM .26 SLIDE 10' ROTATE 22' TO DROP ANGLE
	12:30 - 13:00	0.50	RIG	1	DRLPRO	RIG SERVICE
	13:00 - 03:30	14.50	DRL	2	DRLPRO	DRILL F/10566' TO 10945' WOB 10, ROT 20, PS 95, PP 2050 SLIDE 10' ROTATE 22' TO DROP ANGLE THROUGH MANCOS ROTATE THROUGH DAKOTA BUILDING .1 DEGREE PER 30'
	03:30 - 06:00	2.50	OTH		DRLPRO	CONNECTIONS AND SURVEYS
9/6/2008	06:00 - 12:30	6.50	DRL	2	DRLPRO	DRILL F/10945' TO 11024' WOB 16, ROT 10-20, PS 95, PP 1840, MM .26 SLIDE TO MAINTAIN ANGLE
	12:30 - 18:00	5.50	TRP	10	DRLPRO	PUMP PILL TRIP OUT BIT #7
	18:00 - 20:00	2.00	OTH		DRLPRO	LAY DOWN EM TOOL AND MOTOR PICK UP POSITIVE PULSE AND

Operations Summary Report

Legal Well Name: FR 9P-20-14-20 ST1
Common Well Name: FR 9P-20-14-20 ST1
Spud Date: 7/29/2008
Event Name: DRILLING
Start: 7/31/2008
End: 9/25/2008
Contractor Name: Unit Drilling Co.
Rig Release: 9/25/2008
Group:
Rig Name: UNIT
Rig Number: 236

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
9/6/2008	18:00 - 20:00	2.00	OTH		DRLPRO	NEW MOTOR ORIENT TO SURFACE TEST
	20:00 - 00:30	4.50	ISP	1	DRLPRO	INSPECT BHA
	00:30 - 01:30	1.00	OTH		DRLPRO	CHANGE SAVER SUB FOR PIPE SCREEN TEST FOR NOISE FROM AGITATOR
	01:30 - 06:00	4.50	TRP	10	DRLPRO	TRIP IN TO 10570' TO LOG DOWN TO 11024'
9/7/2008	06:00 - 06:30	0.50	TRP	10	DRLPRO	TRIP IN TO 10591'
	06:30 - 08:00	1.50	LOG	1	DRLPRO	LOG LWD FROM 10591' TO 10688'
	08:00 - 09:00	1.00	RIG	2	DRLPRO	REPLACE DIES IN CLAMP ON SAVER SUB
	09:00 - 14:30	5.50	LOG	1	DRLPRO	LWD GAMMA F/10688' TO 11024'
	14:30 - 05:00	14.50	DRL	2	DRLPRO	DRILL F/11024' TO 11222' WOB 20, ROT 15, PS 90, PP 1950, MM .26 SLIDE TO MAINTAIN ANGLE SLIDES HANGING UP HARD TO HOLD TOOL FACE
	05:00 - 06:00	1.00	OTH		DRLPRO	CONNECTION AND SURVEYS
9/8/2008	06:00 - 09:30	3.50	DRL	2	DRLPRO	DRILL F/11222' TO 11253' WOB 20, ROT 15, PS 90, PP 1950, MM .26 SLIDE TO DROP ANGLE UNABLE TO HOLD TOOL FACE
	09:30 - 14:30	5.00	TRP	2	DRLPRO	TRIP OUT BIT #8
	14:30 - 15:00	0.50	OTH		DRLPRO	FUNCTION TEST BOP
	15:00 - 16:00	1.00	DRL	3	DRLPRO	PICK UP DSX711 DIAL MOTOR TO 1.83 ORIENT TOOLS
	16:00 - 21:00	5.00	TRP	2	DRLPRO	TEST MWD, TRIP IN BIT #9
	21:00 - 21:30	0.50	REAM	1	DRLPRO	WASH AND REAM LAST STD TO BOTTOM (PRECAUTIONARY)
	21:30 - 05:00	7.50	DRL	2	DRLPRO	DRILL F/11253' TO 11323' WOB 16, ROT 15, PS 90, PP 1950, MM .26 SLIDE TO DROP ANGLE
	05:00 - 06:00	1.00	OTH		DRLPRO	CONNECTION AND SURVEYS
9/9/2008	06:00 - 12:30	6.50	DRL	2	DRLPRO	DRILL F/ 11323' TO 11420', WOB 19K, ROT 15, PS 90, PP 1950, MM .26, SLIDE AS NEEDED TO DROP ANGLE (SLIDE 20 FT ROTATE 77 FT)
	12:30 - 13:00	0.50	RIG	1	DRLPRO	RIG SERVICE
	13:00 - 02:30	13.50	DRL	2	DRLPRO	DRILL F/ 11420' TO 11583', WOB 19K, ROT 15, PS 90, PP 1950, MM .26, SLIDE AS NEEDED TO DROP ANGLE (SLIDE 32 FT - ROTATE 131 FT)
	02:30 - 03:00	0.50	CIRC	5	DRLPRO	CIRCULATE BOTTOMS UP SAMPLE
	03:00 - 05:00	2.00	DRL	2	DRLPRO	DRILL F/ 11583' TO 11615', WOB 19K, ROT 15, PS 90, PP 1950, MM .26, SLIDE AS NEEDED
	05:00 - 06:00	1.00	OTH		DRLPRO	CONNECTIONS & SURVEYS
9/10/2008	06:00 - 06:30	0.50	DRL	2	DRLPRO	DRILL F/ 11615' TO 11618' (CORE POINT) WOB 19K, ROT 15, PS 90, PP 2000, MM .26
	06:30 - 07:00	0.50	OTH		DRLPRO	CONNECTION & SURVEY @ 11568' = .3 INC & 6.7 AZ
	07:00 - 08:00	1.00	CIRC	7	EVALPR	CIRCULATE BOTTOMS UP SAMPLE
	08:00 - 14:30	6.50	TRP	2	EVALPR	TOOH W/ BIT # 9 (SLM 12 FT DIFFERENCE)
	14:30 - 15:30	1.00	TRP	1	EVALPR	LAY DOWN DIRECTIONAL TOOLS
	15:30 - 16:30	1.00	OTH		EVALPR	CHANGE OUT SAVER SUB
	16:30 - 18:00	1.50	TRP	1	EVALPR	PICK UP CORE TOOLS (60FT CORE BBL)
	18:00 - 20:30	2.50	TRP	2	EVALPR	TIH W/ CORE # 1 RUN # 1 TO CASING SHOE
	20:30 - 22:00	1.50	RIG	6	EVALPR	SLIP & CUT DRILL LINE
	22:00 - 00:00	2.00	RIG	2	EVALPR	REPLACE DRAWWORKS DRIVE CHAIN
	00:00 - 04:00	4.00	TRP	2	EVALPR	TIH TO 11554' (SLM 1 FT DIFFERENCE - NO CHANGE)
	04:00 - 05:00	1.00	REAM	1	EVALPR	SAFETY WASH & REAM TO 11618'
	05:00 - 06:00	1.00	GEO	2	EVALPR	CORE # 1 F/ 11618' TO 11625'
9/11/2008	06:00 - 14:00	8.00	GEO	2	EVALPR	CORE F/ 11625' TO 11680', WOB 9K, ROT 70, PS 70, PP 1050 (TOTAL CORED 60')
	14:00 - 14:30	0.50	OTH		EVALPR	BREAK OFF CORE & PULL 1 STAND, PUMP DRY SLUG
	14:30 - 15:00	0.50	RIG	1	EVALPR	RIG SERVICE
	15:00 - 20:30	5.50	TRP	2	EVALPR	TOOH W/ CORE # 1 RUN # 1

Operations Summary Report

Legal Well Name: FR 9P-20-14-20 ST1
Common Well Name: FR 9P-20-14-20 ST1
Event Name: DRILLING
Contractor Name: Unit Drilling Co.
Rig Name: UNIT

Start: 7/31/2008
Rig Release: 9/25/2008
Rig Number: 236

Spud Date: 7/29/2008
End: 9/25/2008
Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
9/11/2008	20:30 - 21:30	1.00	TRP	1	EVALPR	LAY DOWN CORE (RECOVER 100% - 60' CORE) PICK UP NEW INNER BBL
	21:30 - 02:30	5.00	TRP	2	EVALPR	TIH W/ CORE # 2 RUN # 2
	02:30 - 03:30	1.00	REAM	1	EVALPR	SAFETY WASH & REAM F/ 11554' TO 11680'
	03:30 - 06:00	2.50	GEO	2	EVALPR	CORE F/ 11680' TO 11697', WOB 9K, ROT 70, PS 70, PP 1050
9/12/2008	06:00 - 13:30	7.50	GEO	2	EVALPR	CORE F/ 11697' TO 11741', WOB 9-12K, ROT 70, PS 70, PP 1090 (CORE TOTAL 61')
	13:30 - 14:00	0.50	OTH		EVALPR	BREAK OFF CORE & PUMP DRY SLUG
	14:00 - 19:30	5.50	TRP	2	EVALPR	TOOH W/ CORE # 2 RUN # 2
	19:30 - 20:30	1.00	OTH		EVALPR	LAY DOWN CORE & PICK UP INNER BBL (RECOVER 61' CORE 100%)
	20:30 - 01:30	5.00	TRP	2	EVALPR	TIH W/ CORE # 3 RUN # 3 TO 11664'
	01:30 - 02:30	1.00	REAM	1	EVALPR	WASH & REAM F/ 11664' TO 11741' - 87'
	02:30 - 06:00	3.50	GEO	2	EVALPR	CORE F/ 11741' TO 11775', WOB 12-14K, ROT 70, PS 70, PP 1000 (CORE 34')
9/13/2008	06:00 - 08:30	2.50	GEO	2	EVALPR	CORE F/ 11775' TO 11803', WOB 12-16K, ROT 70, PS 70, PP 1100 (CORE TOTAL 62')
	08:30 - 09:00	0.50	OTH		EVALPR	BREAK OFF CORE & PUMP DRY SLUG
	09:00 - 14:00	5.00	TRP	2	EVALPR	TOOH W/ CORE # 3 RUN # 3
	14:00 - 14:30	0.50	OTH		EVALPR	LAY DOWN CORE & PICK UP INNER BBL (RECOVER 55.1' CORE LOST 6.9' - 93% RECOVERY)
	14:30 - 15:00	0.50	RIG	1	EVALPR	RIG SERVICE
	15:00 - 16:00	1.00	TRP	2	EVALPR	TIH W/ CORE # 4 RUN # 4
	16:00 - 16:30	0.50	RIG	2	EVALPR	CHANGE QUICK RELEASE HIGH DRUM CLUTCH
	16:30 - 20:30	4.00	TRP	2	EVALPR	CONTINUE TIH
	20:30 - 22:00	1.50	REAM	1	EVALPR	SAFETY WASH & REAM 1 STAND, CIRCULATE OUT GAS
	22:00 - 04:00	6.00	GEO	2	EVALPR	CORE F/ 11803' TO 11853', WOB 14K, ROT 70, PS 70, PP1000 TOTAL (CORED 50' & MILL OVER 6.9' STUMP)
	04:00 - 04:30	0.50	OTH		EVALPR	BREAK OFF CORE & PUMP DRY SLUG
	04:30 - 06:00	1.50	TRP	2	EVALPR	TOOH W/ CORE # 4 RUN # 4 @ 9000'
9/14/2008	06:00 - 09:30	3.50	TRP	2	EVALPR	FINISH TOOH W/ CORE # 4
	09:30 - 10:00	0.50	OTH		EVALPR	LAY DOWN CORE & PICK UP INNER BBL (CORED 50' RECOVER 50' 100% PLUS 1.2' OF 6.9' LOST CORE # 3)
	10:00 - 10:30	0.50	RIG	1	EVALPR	RIG SERVICE
	10:30 - 15:00	4.50	TRP	2	EVALPR	TIH W/ CORE # 5 RUN # 5 TO 11780'
	15:00 - 16:30	1.50	REAM	1	EVALPR	SAFETY WASH & REAM 73' TO 11853', CIRCULATE OUT GAS
	16:30 - 22:30	6.00	GEO	2	EVALPR	CORE # 5 F/ 11853' TO 11892' WOB 14K, ROT 70, PS 70, PP 1050, CORE JAMMED
	22:30 - 23:00	0.50	OTH		EVALPR	BREAK OFF CORE & PUMP DRY SLUG
	23:00 - 04:30	5.50	TRP	2	EVALPR	TOOH W/ CORE # 5
	04:30 - 05:30	1.00	OTH		EVALPR	LAY DOWN CORE # 5 & PICK UP INNER BBL (CORED 39.8' CUTTING CORE)
	05:30 - 06:00	0.50	TRP	2	EVALPR	TIH W/ CORE # 6
9/15/2008	06:00 - 07:00	1.00	TRP	2	EVALPR	TIH W/ CORE # 6 TO SHOE
	07:00 - 08:00	1.00	RIG	6	EVALPR	SLIP & CUT DRILL LINE
	08:00 - 08:30	0.50	RIG	1	EVALPR	RIG SERVICE
	08:30 - 11:00	2.50	TRP	2	EVALPR	FINISH TIH TO 11845'
	11:00 - 12:30	1.50	REAM	1	EVALPR	SAFTY WASH & REAM TO 11892.8' (48') CIRCULATE OUT GAS
	12:30 - 17:30	5.00			EVALPR	CORE # 6 F/ 11892.8' TO 11955', WOB 10K, ROT 70, PS 70, PP 1000 (CORED 62')
	17:30 - 18:00	0.50	OTH		EVALPR	BREAK OFF CORE & PUMP DRY SLUG
	18:00 - 22:30	4.50	TRP	2	EVALPR	TOOH W/ CORE # 6
	22:30 - 23:30	1.00	OTH		EVALPR	LAY DOWN CORE # 6 & PICK UP INNER BBL (RECOVER 15 FT

Operations Summary Report

Legal Well Name: FR 9P-20-14-20 ST1
Common Well Name: FR 9P-20-14-20 ST1
Event Name: DRILLING
Contractor Name: Unit Drilling Co.
Rig Name: UNIT

Start: 7/31/2008
Rig Release: 9/25/2008
Rig Number: 236

Spud Date: 7/29/2008
End: 9/25/2008
Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
9/15/2008	22:30 - 23:30	1.00	OTH		EVALPR	CORE - 24%, 47' CORE LEFT IN HOLE)
	23:30 - 04:00	4.50	TRP	2	EVALPR	TIH W/ CORE # 7 TO 11878'
	04:00 - 05:30	1.50	REAM	1	EVALPR	SAFTY WASH & REAM TO 11908', CIRCULATE OUT GAS
	05:30 - 06:00	0.50			EVALPR	WASH OVER 47' CORE LEFT IN HOLE
9/16/2008	06:00 - 08:00	2.00	GEO	2	EVALPR	CORE # 7 F/ 11955' TO 11969', WOB 9K, ROT 70, PS 70, PP 1000 (CORED 14 FT)
	08:00 - 08:30	0.50	OTH		EVALPR	BREAK OFF CORE & PUMP DRY SLUG
	08:30 - 12:30	4.00	TRP	2	EVALPR	TOOH W/ CORE # 7
	12:30 - 15:30	3.00	OTH		EVALPR	LAY DOWN CORE, FOUND UPPER INNER BARREL PARTED FROM LOWER INNER BBL (THREADS BROKE) LAY CORE BBL DOWN ON CATWALK, BREAK BIT & PULL LOWER CORE, P/U CORE BBL & INSTALL INNER BBL (CORED 14' RECOVERED 14') NO RECOVERY OF CORE # 6 LEFT IN HOLE
	15:30 - 20:00	4.50	TRP	2	EVALPR	TIH W/ CORE # 8 TO 11940'
	20:00 - 21:30	1.50	CIRC	1	EVALPR	SAFTY WASH & REAM TO 11969', CIRCULATE OUT GAS
	21:30 - 03:30	6.00	GEO	2	EVALPR	CORE F/ 11969' TO 11991', WOB 10-12K, ROT 70, PS 70, PP 1000 (CORED 22 FT)
	03:30 - 04:00	0.50	OTH		EVALPR	BREAK OFF CORE & PUMP DRY SLUG
	04:00 - 06:00	2.00	TRP	2	EVALPR	TOOH W/ CORE # 8
9/17/2008	06:00 - 09:00	3.00	TRP	2	EVALPR	FINISH TOOH W/ CORE # 8
	09:00 - 10:30	1.50	OTH		EVALPR	LAY DOWN COR # 8 CUT & RECOVER 22' CORE 100%
	10:30 - 11:00	0.50	OTH		EVALPR	LAY DOWN CORE BARREL & TOOLS
	11:00 - 11:30	0.50	OTH		EVALPR	PULL WEAR BUSHING
	11:30 - 15:30	4.00	BOP	2	EVALPR	R/U B&C QUICK TEST & TEST BOP
	15:30 - 16:00	0.50	OTH		EVALPR	INSTALL WEAR BUSHING
	16:00 - 16:30	0.50	RIG	1	EVALPR	RIG SERVICE
	16:30 - 21:30	5.00			EVALPR	TIH W/ BIT # 13 TO 11860
	21:30 - 22:30	1.00	REAM	1	EVALPR	WASH & REAM F/ 11860' TO 11991'
	22:30 - 06:00	7.50	DRL	1	DRLPRO	DRILL F/ 11991' TO 12080', WOB 17, ROT 90, PS 95, PP 1250
9/18/2008	06:00 - 10:30	4.50	DRL	1	DRLPRO	DRILL F/ 12080' TO 12124', WOB 19K, ROT 90, PS 95, PP 1280
	10:30 - 11:00	0.50	RIG	1	DRLPRO	RIG SERVICE
	11:00 - 23:00	12.00	DRL	1	DRLPRO	DRILL F/ 12124' TO 12180', WOB 20K, ROT 90, PS 95, PP 1290
	23:00 - 00:00	1.00	SUR	1	DRLPRO	CIRCULATE, DROP SURVEY & PUMP DRY SLUG
	00:00 - 05:00	5.00	TRP	10	DRLPRO	TOOH W/ BIT # 13
	05:00 - 06:00	1.00	TRP	1	DRLPRO	RETRIEVE SURVEY, CHANGE BITS, P/U .26 MUD MOTOR & SURFACE TEST
9/19/2008	06:00 - 10:00	4.00	TRP	10	DRLPRO	TIH W/ BIT # 14 TO 12150'
	10:00 - 10:30	0.50	REAM	1	DRLPRO	WASH & REAM F/ 12150' TO 12180'
	10:30 - 16:30	6.00	DRL	1	DRLPRO	DRILL 6-1/2" HOLE W/ .26 MUD MOTOR & PDC BIT F/ 12180' TO 12247', WOB 14K, ROT 25, RPM 90, PS 95, PP 1600
	16:30 - 17:00	0.50	RIG	1	DRLPRO	RIG SERVICE
	17:00 - 05:30	12.50	DRL	1	DRLPRO	DRILL F/ 12247' TO 12388', WOB 14-18K, ROT 25-40, RPM 90-105, PS 95, PP 1600
	05:30 - 06:00	0.50	OTH		DRLPRO	CONNECTIONS & SPR
9/20/2008	06:00 - 11:00	5.00	DRL	1	DRLPRO	DRILL F/12388' TO 12440', WOB 14-18K, ROT 25, RPM 90, PS 95, PP 1600
	11:00 - 12:00	1.00	CIRC	5	EVALPR	CIRCULATE BOTTOMS UP SAMPLE
	12:00 - 14:00	2.00	TRP	14	EVALPR	SHORT TRIP 15 STANDS
	14:00 - 14:30	0.50	REAM	1	EVALPR	WASH & REAM LAST STAND (PRECAUTIONARY)
	14:30 - 17:30	3.00	CIRC	1	EVALPR	CIRCULATE & CONDITION MUD
	17:30 - 18:00	0.50	SUR	1	EVALPR	DROP SURVEY & PUMP DRY SLUG
	18:00 - 00:30	6.50	TRP	2	EVALPR	TOOH F/ WIRELINE LOGS (SLM) 2.9' DIFFERENCE - NO CHANGE
	00:30 - 02:00	1.50	WOT	4	EVALPR	WAIT ON HALLIBURTON WIRELINE TRUCK

Operations Summary Report

Legal Well Name: FR 9P-20-14-20 ST1
Common Well Name: FR 9P-20-14-20 ST1
Event Name: DRILLING
Contractor Name: Unit Drilling Co.
Rig Name: UNIT

Start: 7/31/2008
Rig Release: 9/25/2008
Rig Number: 236

Spud Date: 7/29/2008
End: 9/25/2008
Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
9/20/2008	02:00 - 06:00	4.00	LOG	1	EVALPR	SAFTY MEETING, R/U HALLIBURTON LOGGERS & RIH W/ RUN # 1 QUAD COMBO - LOGGERS DEPTH 12439'
9/21/2008	06:00 - 10:30	4.50	LOG	1	EVALPR	FINISH LOGGING RUN # 1, LAY DOWN TOOLS & RIG DOWN (DATA NOT GOOD FROM TD TO TOP OF WINGATE)
	10:30 - 12:00	1.50	TRP	1	EVALPR	CLEAN FLOOR & L/D NMDC & MUD MOTOR, P/U BIT # 14
	12:00 - 13:30	1.50	RIG	2	EVALPR	CHANGE OUT TORQUE SENSOR UNIT & ATTEMPT TO RESET, UNABLE TO USE TRU-TORQUE
	13:30 - 15:00	1.50	TRP	15	EVALPR	TIH TO 3800'
	15:00 - 16:30	1.50	RIG	6	EVALPR	SLIP & CUT DRILL LINE
	16:30 - 20:00	3.50	TRP	2	EVALPR	TIH TO 12060'
	20:00 - 21:00	1.00	REAM	1	EVALPR	WASH & REAM LAST 4 STANDS x 2 TO 12440'
	21:00 - 22:30	1.50	CIRC	1	EVALPR	PUMP SWEEP & CIRCULATE
	22:30 - 04:00	5.50	TRP	2	EVALPR	TOOH F/ WIRELINE LOGS
	04:00 - 06:00	2.00	LOG	1	EVALPR	SAFETY MEETING, R/U HALLIBURTON LOGGERS & RIH W/ RUN # 2 QUAD COMBO (WILL LOG F/ TD TO 10500' POOH & RUN # 3 CSNG XRMI)
9/22/2008	06:00 - 11:00	5.00	LOG	1	EVALPR	FINISH LOGGING W/ QUAD COMBO & CHANGE OUT TOOLS
	11:00 - 18:00	7.00	LOG	1	EVALPR	RIH W/ CSNGXRMI, RUN # 3 TO 8000', TOOL SHORTED OUT, POOH & CHANGE OUT CABLE HEAD & TELEMETRY- D4, RIH & TEST -CSNG TOOL NOT WORKING
	18:00 - 03:00	9.00	LOG	1	EVALPR	RIH W/ XRMI TOOL, RUN # 4 & LOG F/ TD TO 6000'
	03:00 - 04:00	1.00	LOG	1	EVALPR	RIG DOWN LOGGERS
	04:00 - 05:00	1.00	TRP	2	EVALPR	TIH W/ BIT # 15
9/23/2008	06:00 - 09:00	3.00	TRP	15	CSGPRO	TRIP IN TO CIRCULATE FOR CASING
	09:00 - 09:30	0.50	REAM	1	CSGPRO	WASH AND REAM LAST STD TO BOTTOM (PRECAUTIONARY)
	09:30 - 14:30	5.00	CIRC	1	CSGPRO	CIRCULATE AND WAIT ON ORDERS
	14:30 - 00:00	9.50	TRP	3	CSGPRO	LDDP
	00:00 - 02:00	2.00	TRP	3	CSGPRO	TRIP IN DC AND LAY DOWN DC
	02:00 - 02:30	0.50	OTH		CSGPRO	PULL WEAR BUSHING
	02:30 - 04:30	2.00	CSG	1	CSGPRO	RIG UP CASING CREW
	04:30 - 06:00	1.50	CSG	2	CSGPRO	RUN CASING FLOAT SHOE, ONE JT CASING, FLOAT COLLAR
9/24/2008	06:00 - 16:00	10.00	CSG	2	CSGPRO	RUN CASING, 264 JTS OF HCP-110, #13.5, LT&C CASING WITH 10 MARKER JTS PLACED EVERY 1000' WITH FLOAT SHOE ONE JT CSG AND FLOAT COLLAR SET AT 12426' KB
	16:00 - 06:00	14.00	CIRC	1	CSGPRO	CIRCULATE, WAIT ON HALLIBURTON
9/25/2008	06:00 - 14:00	8.00	CIRC	1	CSGPRO	CIRCULATE, WAIT ON HALLIBURTON
	14:00 - 16:30	2.50	CMT	1	CSGPRO	SET SLIPS, CIRCULATE THROUGH B SECTION RIG UP HALLIBURTON
	16:30 - 20:30	4.00	CMT	2	CSGPRO	HELD SAFETY MEETING, HEAD UP AND PRESSURE TEST LINES PUMP 10 BBLS FRESH WATER, 30 BBLS SUPERFLUSH, 10 BBLS WATER, 71 BBLS OF 9.5 PPG FOAMED LEAD CEMENT, 123 BBLS OF 11 PPG FOAMED SECOND LEAD CEMENT, 29 BBLS OF 14.3 PPG NO FOAM CEMENT, DISPLACED WITH 181 BBLS OF CLAYFIX WATER, BUMPED PLUG 500 PSI OVER CIRCULATING PRESSURE HELD PRESSURE FOR 30 MIN. BLED OFF FLOATS HELD, PUMPED 42 BBLS OF 15.8 PPG CAP CEMENT, GOOD RETURNS THROUGH OUT JOB NITROGEN TO SURFACE PLUG DOWN 19:37, 9/24/2008
	20:30 - 21:00	0.50	CMT	1	CSGPRO	RIG DOWN HALLIBURTON
	21:00 - 06:00	9.00	BOP	1	CSGPRO	NIPPLE DOWN AND CUT CASING, CLEAN MUD TANKS, RIG RELASE @ 06:00 9/25/2008

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Operations Summary Report

Legal Well Name: FR 9P-20-14-20 ST1
Common Well Name: FR 9P-20-14-20 ST1
Event Name: COMPLETION
Contractor Name: Basin Well Service
Rig Name: BASIN WELL SEREVICE

Start: 11/18/2008
Rig Release:
Rig Number: 3

Spud Date: 7/29/2008
End:
Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
11/18/2008	06:00 - 16:00	10.00	BOP	1		"TIGHT HOLE" Initial completion report: On 11/14/08 MIRU Basin Well Service. SDFW. On 11/17/08 SICP=0#. NU single ram BOP on top fo frac head assembly. Tally and rabbit in the hole with a 3-3/4" mill and 2-3/8" EUE 8rd 4.7# used P-110 tbg.to 6400'. SIFN. On 11/18/08 will continue to RIH with tbg.to PBTD and circ.hole with 2% KCL water. CASING SIZE: 4-1/2" 13.5# HCP-11 CASING DEPTH: 12425' FC@ 12377'
11/19/2008	06:00 - 16:00	10.00	LOC	2		"TIGHT HOLE" Initial completion report: On 11/18/08 SITP and SICP=0#. Continue to tally and rabbit in the hole with 2-3/8" P-110 tbg.and 3-3/4" mill and tag PBTD AT 12337'. Circ.hole with 2% KCL water. POOH with tbg.and mill and csg scraper. SIFN. On 11/19/08 will run a CBL log and perforate initial zones. CASING SIZE: 4-1/2" 13.5# HCP-11 CASING DEPTH: 12425' FC@ 12377'
11/20/2008	06:00 - 16:00	10.00	PERF	2		"TIGHT HOLE" On 11/19/08 SICP=0#. MIRU Cased Hole Solutions and ran a CBL/VDL/GR log from tag at 12316' to 3900' with top of cement est.at 4420'. Correlated to Halliburton Density log dated 9/20/08 run #1. Pressure test csg.and frac head assembly and flow back manifold to 8200# and held OK. Perforate per the CLB log dated 11/19/08 the following Entrada intervals at 3 JPF and 120° phasing using a 2-3/4" csg.gun: 11739-47'; 11759-61'; 11769-71'; 11815-17' & 11850-52' (48 holes). Hole was full prior to and after perforating and no blow or vacuum after perforating. SIFN. RDMO Cased Hole Solutions. On 11/20/08 will RIH with packer and tbg.and break down the perfs.and swab. CASING SIZE: 4-1/2" 13.5# HCP-11 CASING DEPTH: 12425' FC@ 12377' Perfs: Zone #1: (11/19/08)--Entrada: 11739-47'; 11759-61'; 11769-71' 11815-17';11850-52' (48 holes).
11/21/2008	06:00 - 16:00	10.00	DEQ	2		"TIGHT HOLE" On 11/20/08 SICP=0#. RIH with ret.packer and tbg.and set packer at 11675'. Test packer to 500# and OK Break down Entrada perfs.11739-11852'. down tbg.with a break at 1800# and pump 10 bbl.of 2% KCL water at 1-1/2 BPM at 2000#. Bled down with in 2 minutes. RU swab. IFL at surface. Make 10 swab runs and recovered 67 bbl.of water with some gas cut with FFL at 7600' while pulling from 9600'. Have recovered 7 bbl.over load. RD swab and SIFN. On 11/21/08 will obtain a gas sample and continue to swab. CASING SIZE: 4-1/2" 13.5# HCP-11

Operations Summary Report

Legal Well Name: FR 9P-20-14-20 ST1
Common Well Name: FR 9P-20-14-20 ST1
Event Name: COMPLETION
Contractor Name: Basin Well Service
Rig Name: BASIN WELL SEREVICE

Start: 11/18/2008
Rig Release:
Rig Number: 3

Spud Date: 7/29/2008
End:
Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
11/21/2008	06:00 - 16:00	10.00	DEQ	2		CASING DEPTH: 12425' FC@ 12377' MInus daily recovery: 67 Plus water today: 60 LLTR: 7 over. Perfs: Zone #1: (11/19/08)--Entrada: 11739-47'; 11759-61'; 11769-71' 11815-17';11850-52' (48 holes).
11/24/2008	06:00 - 16:00	10.00	DEQ	2		"TIGHT HOLE" Testing Entrada perfs. 11739-11852' On 11/21/08 SITP=10# and SICP=0# with packer set at 11875#. Obtain gas sample and sample idicated air. Bled off tbg.and RU swab. IFL at 7100'. Make a total of 6 swab runs and recovered 16 bbl.of water with gas fumes with the final run dry while pulling from the "F" nipple at 11640' and FFL at 11600'. RD swab and SIFW. On 11/24/08 will acidize the above Entrada Interval. CASING SIZE: 4-1/2" 13.5# HCP-11 CASING DEPTH: 12425' FC@ 12377' Load from yesterday: 7 over Minus daily recovery: 18 LLTR: 23 over Perfs: Zone #1: (11/19/08)--Entrada: 11739-47'; 11759-61'; 11769-71' 11815-17';11850-52' (48 holes).
11/25/2008	06:00 - 16:00	10.00	SWAB	1		"TIGHT HOLE" Testing Entrada perfs. 11739-11852' On AM of 11/24/08 SITP=200# and SICP=0# with packer set at 11675'. Bled off tbg.with no fluid recovery and RU swab. IFL at 8300'. Make 3 swab runs and recovered 14 bbl.of water with gas fumes and swabbed tbg.dry. MIRU Superior acid crew and acidize gross preforated Entrada interval 11739-11852' down tbg.using 2000 gal.of 15% HCL and 75-7/8" Bio-balls. Flush with 60 bbl.of 2% KCL water. Total load of 110 bbl..Max.and ave.rate-=3 BPM; Pressure prior to balls hitting was 3420# and after balls were on had a final rate of 3 BPMat 3500#. ISIP=1490#. SI the well and RDMO Superior. After 10 minutes SITP-100#. Flowed back 5 bbl.of water and tbg.died. RU swab. IFL at surface. Make 14 swab runs and recovered 69 bbl.of slight gas cut water with a final PH=6 and FFL at 7200'. Pulling from 9200' on the last run. RD swab and SIFN. On AM of 11/15/08 SITP=400# and SICP=0#. Will continue to swab today. LLR from the acid job of today is 41 bbl. CASING SIZE: 4-1/2" 13.5# HCP-11 CASING DEPTH: 12425' FC@ 12377'

Operations Summary Report

Legal Well Name: FR 9P-20-14-20 ST1
Common Well Name: FR 9P-20-14-20 ST1 — Spud Date: 7/29/2008
Event Name: COMPLETION — Start: 11/18/2008 — End:
Contractor Name: Basin Well Service — Rig Release: — Group:
Rig Name: BASIN WELL SEREVICE — Rig Number: 3

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
11/25/2008	06:00 - 16:00	10.00	SWAB	1		Load from yesterday: 23 over Minus daily recovery: 83 Plus water today: 110 41 LLR from acid job Prior to acid job had 37 over. Perfs: Zone #1: (11/19/08)--Entrada: 11739-47'; 11759-61'; 11769-71' 11815-17';11850-52' (48 holes).
11/26/2008	06:00 - 16:00	10.00	DEQ	2		"TIGHT HOLE" Testing Entrada perfs. 11739-11852' On AM of 11/25/08 SITP=400# and SICP=0# with packer set at 11675'. Bled off tbg.with no fluid recovery. RU swab. IFL at 5500'. Make 13 swab runs and recovered 80 bbl.of water with gas fumes to lite gas with FFL at 11640' and make 2 additional runs with no fluid recovery while pulling from the "F" nipple at 11640'. Final PH=7. Took a water sample. Have recovered 39 bbl.over load from the acid job. On AM of 11/26/08 SITP=600'. SICP=0#. Bled off tbg.with no fluid recovery. RU swab. IFL at 5500'. Will swab this AM and run BHP bombs over the holiday weekend. CASING SIZE: 4-1/2" 13.5# HCP-11 CASING DEPTH: 12425' FC@ 12377' Perfs: Zone #1: (11/19/08)--Entrada: 11739-47'; 11759-61'; 11769-71' 11815-17';11850-52' (48 holes).
12/1/2008	06:00 - 16:00	10.00	SWAB	1		"TIGHT HOLE" Testing Entrada perfs. 11739-11852' On 11/26/08 SITP=600# and SICP=0# with packer set. Bled off tbg.with no fluid recovery. RU swab. IFL at 5500'. Make 4 runs and rec.24 bbl.of water with slight gas vapors with FFL at 8100'. RD swab and MIRU PLS Wireline and ran tandem BHP bombs and set in the "F" nipple. SI the well until AM of 12/1/08 when the bombs will be pulled, packer released and a CIBP will be set above the Entrada perfs.and additional zones will be perforated. On AM of 12/1/08 SITP=1000# and SICP=0# with packer set. On 11/26/08 obtained a gas sample from the above Entrada intervals with the following results: N2=5.06; CO2=13.99; Methane=76.8; BTU=875.85; Grav=0.7463 CASING SIZE: 4-1/2" 13.5# HCP-11 CASING DEPTH: 12425' FC@ 12377' 63 bbl.over from acid job acid job prior to acid job had 37 over. Perfs:

Operations Summary Report

Legal Well Name: FR 9P-20-14-20 ST1
Common Well Name: FR 9P-20-14-20 ST1 Spud Date: 7/29/2008
Event Name: COMPLETION Start: 11/18/2008 End:
Contractor Name: Basin Well Service Rig Release: Group:
Rig Name: BASIN WELL SEREVICE Rig Number: 3

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
12/1/2008	06:00 - 16:00	10.00	SWAB	1		Zone #1: (11/19/08)--Entrada: 11739-47'; 11759-61'; 11769-71' 11815-17';11850-52' (48 holes).

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Operations Summary Report

Legal Well Name: FR 9P-20-14-20 ST1
Common Well Name: FR 9P-20-14-20 ST1
Event Name: COMPLETION
Contractor Name: Basin Well Service
Rig Name: BASIN WELL SEREVICE

Start: 11/18/2008
Rig Release:
Rig Number: 3

Spud Date: 7/29/2008
End:
Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
12/1/2008	06:00 - 16:00	10.00	SWAB	1		Zone #1: (11/19/08)--Entrada: 11739-47'; 11759-61'; 11769-71' 11815-17';11850-52' (48 holes).
12/2/2008	06:00 - 16:00	10.00	PERF	2		"TIGHT HOLE" - Completion On 12/1/08 SITP = 1000# & SICP = 0# w/ pkr set. POOH w/ BHP pressure bombs after making gradient stops and RDMO PLS WL. Bled down tbg & load tbg w/ 30 bbls of 2% KCL water. Release pkr & POOH w/ pkr & tbg. ND ram BOP & NU top valve of frac head. MIRU Cased Hole Solutions WL & set a 4-1/2" CIBP @ 11710'. Perforate the following intervals using a 2-3/4" csg gun @ 3 JPF & 120* phasing per the CBL log dated 11/19/08: Dakota Silt = 10740-45' & 10754' - 59'; Cedar Mtn = 10824-26' (32 holes). No change in pressure or fluid level with IFL @ 500'. RDMO Cased Hole Solutions & SIFN. 24 Hour Forecast: Will frac the above intervals. CSG SIZE: 4-1/2", 13.5#, HCP-11 CSG DEPTH: 12425' - FC @ 12377' 63 bbl.over from acid job acid job prior to acid job had 37 over. Perfs: Zone #1: (11/19/08)--Entrada: 11739-47'; 11759-61'; 11769-71' 11815-17';11850-52' (48 holes) Zone #2: Dakota Silt: 10614-18'; Dakota: 10740-45'; 10754-59'; Cedar Mtn: 10824-26'
12/3/2008	06:00 - 16:00	10.00	STIM	2		"TIGHT HOLE" - Completion On 12/2/08 SICP-20#. MIRU Halliburton frac crew and frac gross perforated Dakota Silt, Dakota and Cedar Mtn. Intervals 10014-10020' down 4-1/2" csg.using a 40# Prugell III 70% CO2 2% KCO water system as follows: Load hole with 25 bbl.of 2% KCL water and breakdown at 4460# and pump 600 gal.of 15% HCL followed by a 1500 gal.pre-pad and pump a 6900 gal.foam pad andstage 1-3 ppg CRC 20/40 sand stages in 13800 gal.of fluid and flush with a total of 3192 gal.of fluid (6711 gal.of foam and fluid). Flushed succesfully after cutting sand early. Total of 656 bbl.of fluid and a total of 74200# of sand. Max.rate=41.3 BPM; Ave=36.1 BPM; Max.psi=8079#; Ave=7745#; ISIP=4571# (0.87). Open the well at 6:30PM on 12/2/08 on a 24/64" choke with a SICP=4300#. Used a total of 169 tons of CO2. Flowback well on various chokes through the night. At 7:00 am on 12/3/08 FC.P. 500#.. On 28/64 choke. Rec.488-bbls, showing lite sand and CO2. Will continue to flowback well. CSG SIZE: 4-1/2", 13.5#, HCP-11 CSG DEPTH: 12425' - FC @ 12377' Load from yesterday: 820

Operations Summary Report

Legal Well Name: FR 9P-20-14-20 ST1
Common Well Name: FR 9P-20-14-20 ST1
Event Name: COMPLETION
Contractor Name: Basin Well Service
Rig Name: BASIN WELL SEREVICE

Start: 11/18/2008
Rig Release:
Rig Number: 3

Spud Date: 7/29/2008
End:
Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
12/3/2008	06:00 - 16:00	10.00	STIM	2		Minus daily recovery: 488 LLTR: 332 Perfs: Zone #1: (11/19/08)--Entrada: 11739-47'; 11759-61'; 11769-71' 11815-17';11850-52' (48 holes) Zone #2: Dakota Silt: 10614-18'; Dakota: 10740-45'; 10754-59'; Cedar Mtn: 10824-26'
12/4/2008	06:00 - 16:00	10.00	STIM	2		"TIGHT HOLE" - Completion On 12/3/08 At 6:00 am F.C.P. =50# on 64/64 choke. Continued flowing well on various chokes. Have rec. 726 total bbls of. fluid, fluid showing no sand and high CO2. The well is down to flowing 1-bph of fluid. 94-bbls load left to rec. Will continue to flow well. CSG SIZE: 4-1/2", 13.5#, HCP-11 CSG DEPTH: 12425' - FC @ 12377' Load from yesterday: 820 Minus daily recovery: 726 LLTR: 96 Perfs: Zone #1: (11/19/08)--Entrada: 11739-47'; 11759-61'; 11769-71' 11815-17';11850-52' (48 holes) Zone #2: Dakota Silt: 10614-18'; Dakota: 10740-45'; 10754-59'; Cedar Mtn: 10824-26'
12/5/2008	06:00 - 16:00	10.00	PTST	2		"TIGHT HOLE" - Completion On 12/4/08 FCP=50# on 64/64 choke. Continued flowing well on 64/64 choke. Rec 789 bbls total for flowback. Showing no sand and high CO2. Flowing 4-bbls of fluid per hour. 31-bbls load left to rec. SWIFN @ 6:00 PM. On 12/5/08 Will pressure down, top kill csg and RIH with tbg. CSG SIZE: 4-1/2", 13.5#, HCP-11 CSG DEPTH: 12425' - FC @ 12377' Load from yesterday: 820 Minus daily recovery: 789 LLTR: 96 Perfs: Zone #1: (11/19/08)--Entrada: 11739-47'; 11759-61'; 11769-71' 11815-17';11850-52' (48 holes) Zone #2: Dakota Silt: 10614-18'; Dakota: 10740-45'; 10754-59';

Operations Summary Report

Legal Well Name: FR 9P-20-14-20 ST1
Common Well Name: FR 9P-20-14-20 ST1 Spud Date: 7/29/2008
Event Name: COMPLETION Start: 11/18/2008 End:
Contractor Name: Basin Well Service Rig Release: Group:
Rig Name: BASIN WELL SEREVICE Rig Number: 3

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
12/5/2008 12/8/2008	06:00 - 16:00 06:00 - 16:00	10.00 10.00	PTST PTST	2 2		Cedar Mtn: 10824-26' "TIGHT HOLE" - Completion On 12/5/08 SICP=1300# Open csg on 32/64 choke. Blow pressure to 50# on a 64/64 choke. Pumped 50-bbls 2% kcl to control gas. N.D. upper frac valve, N.U. Bop's. R.I.H. with N.C, 1-jt, 1.81 f-nipple and 374 -jts tbg. Tag sand @ 11,701' (CIBP @ 11710') Lay down 57-jts'. Landed tbg in wellhead with tbg tail @ 10,558'. R.U. flow back line from tbg.to manifold. Turn well over to flow testers @ 4:30 PM. Tbg kicked off flowing at 10:00 pm. with 100# F.T.P on 48/64 choke and 500# SICP. Flow well through out weekend on various chokes. On 12/8/08 at 6:00AM SICP =150# FCP=50# on a 48/64 choke showing lite gas. Recovered 251-bbls, no sand. Flowing @ 3-BPH. Will continue flowing well. CSG SIZE: 4-1/2", 13.5#, HCP-11 CSG DEPTH: 12425' - FC @ 12377' Load from yesterday: 31 Minus daily recovery: 251 Plus water today: 70 LLTR: 150 overload Perfs: Zone #1: (11/19/08)--Entrada: 11739-47'; 11759-61'; 11769-71' 11815-17';11850-52' (48 holes) Zone #2: Dakota Silt: 10614-18'; Dakota: 10740-45'; 10754-59'; Cedar Mtn: 10824-26'
12/9/2008	06:00 - 16:00	10.00	PTST	2		"TIGHT HOLE" - Completion On 12/8/08 AM FTP=50# and SICP=150# with tbg.flowing very lite gas and 3 bbl.per hour of water on a 48/64" choke to the pit. Pump top kill of 50 bbl.of 2% KCL water down the tbg.and POOH with tbg..RIH with ret.BP and ret.packer and tbg.to 3945' and SIFN. On 12/9/08 will continue to RIH with isolation tools and tbg.and set the RBP over the Cedar Mtn. Interval to swab test Dakota and Dakota Silt together. CSG SIZE: 4-1/2", 13.5#, HCP-11 CSG DEPTH: 12425' - FC @ 12377' Perfs: Zone #1: (11/19/08)--Entrada: 11739-47'; 11759-61'; 11769-71' 11815-17';11850-52' (48 holes) Zone #2: Dakota Silt: 10614-18'; Dakota: 10740-45'; 10754-59'; Cedar Mtn: 10824-26'

Operations Summary Report

Legal Well Name: FR 9P-20-14-20 ST1
Common Well Name: FR 9P-20-14-20 ST1
Event Name: COMPLETION
Contractor Name: Basin Well Service
Rig Name: BASIN WELL SEREVICE

Start: 11/18/2008
Rig Release:
Rig Number: 3

Spud Date: 7/29/2008
End:
Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
12/10/2008	06:00 - 16:00	10.00	PTST	2		"TIGHT HOLE" - Completion Testing Dakota & Dakota Silt zones: Cedar Mtn isolated. On 12/9/08 SITP = 750# & SICP = 900#. Open up well and bled down and pump 20 bbls of 2% KCL water down the tbg to kill. Continue to RIH w/ RBP and ret pkr and set RBP @ 10790' & set ret pkr @ 10550'. "F" Nipple @ 10518'. RU tbg to flat tank and tbg started to flow on a 64/64" choke at noon on 12/9/08. Have a total load to recover of 43 bbls for tbg and csg space between plug & pkr. At 4:00 PM on 12/9/08 FTP = 50# on a 64/64" choke and have recovered 65 bbls of water with no gas and a flow rate of 16 BPH w/ 22 bbls overload. Continue to flow overnight. At 7:00 AM on 12/10/08 FTP = 50# at a current rate of 1 to 2 BPH w/ no gas on a 64/64" choke & a total recovery of 123 bbls for a total of 80 bbls overload. 24 Hour Forecast: Will attempt to swab tbg. CSG SIZE: 4-1/2", 13.5#, HCP-11 CSG DEPTH: 12425' - FC @ 12377' Perfs: Zone #1: (11/19/08)--Entrada: 11739-47'; 11759-61'; 11769-71' 11815-17';11850-52' (48 holes) Zone #2: Dakota Silt: 10614-18'; Dakota: 10740-45'; 10754-59'; Cedar Mtn: 10824-26'
12/11/2008	06:00 - 16:00	10.00	SWAB	1		"TIGHT HOLE" - Completion Testing Dakota & Dakota Silt zones: Cedar Mtn isolated. on AM of 12/10/08 FTP = 50# at a rate of 1-2 BPH of hot water w/ a trace of methane vapors and small trace of CO2. Make 1 swab attempt @ 8:00 AM & got swab to 1300' & too much flow for swab & POOH & flowed the tbg for an addional 7 hours & have a total recovery since isolating the above Dakota/Dakota Silt of 167 bbls for a total of 124 bbls over load. 24 Hour Forecast: Will release tools and POOH & lay down tbg & tools. CSG SIZE: 4-1/2", 13.5#, HCP-11 CSG DEPTH: 12425' - FC @ 12377' Perfs: Zone #1: (11/19/08)--Entrada: 11739-47'; 11759-61'; 11769-71' 11815-17';11850-52' (48 holes) Zone #2: Dakota Silt: 10614-18'; Dakota: 10740-45'; 10754-59'; Cedar Mtn: 10824-26'
12/12/2008	06:00 - 16:00	10.00	SWAB	1		"TIGHT HOLE" - Completion

Operations Summary Report

Legal Well Name: FR 9P-20-14-20 ST1
Common Well Name: FR 9P-20-14-20 ST1
Event Name: COMPLETION
Contractor Name: Basin Well Service
Rig Name: BASIN WELL SEREVICE

Start: 11/18/2008
Rig Release:
Rig Number: 3

Spud Date: 7/29/2008
End:
Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
12/12/2008	06:00 - 16:00	10.00	SWAB	1		Testing Dakota & Dakota Silt zones: Cedar Mtn isolated. On 12/11/08 FTP = 50# at a rate of 1-2 BPH of water w/ light CO2 & methane vapors. Pump 20 bbls 2% KCL water down the tbg to kill. Release pkr & RIH w/ 8 jts of tbg & latch onto & release RBP. POOH & lay down 345 jts of tbg & pkr & plug. ND BOP's & NU WH. Had to pump a total of 85 bbls of water today. 24 Hour Forecast: Will RDMO Basin Well Service #3. THIS REPORT IS DISCONTINUED. No tbg in hole. CSG SIZE: 4-1/2", 13.5#, HCP-11 CSG DEPTH: 12425' - FC @ 12377' Perfs: Zone #1: (11/19/08)--Entrada: 11739-47'; 11759-61'; 11769-71' 11815-17';11850-52' (48 holes) Zone #2: Dakota Silt: 10614-18'; Dakota: 10740-45'; 10754-59'; Cedar Mtn: 10824-26'

Form 3160-5
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

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

5. Lease Serial No.
UTU-10164

6. If Indian, Allottee or Tribe Name
UTE TRIBE

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

1. Type of Well
☐ Oil Well ☑ Gas Well ☐ Other

8. Well Name and No.
FR 9P-20-14-20

2. Name of Operator
QUESTAR EXPLORATION & PRODUCTION COMPANY

9. API Well No.
43-047-39461

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

3b. Phone No. *(include area code)*
435-781-4331

10. Field and Pool or Exploratory Area
FLAT ROCK

4. Location of Well *(Footage, Sec., T.,R.,M., or Survey Description)*
1830' FS; 771' FEL, NESE, SECTION 20, T14S, R20E

11. Country or Parish, State
UINTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION			
☐ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☑ Subsequent Report	☐ Casing Repair	☐ New Construction	☐ Recomplete	☑ Other
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
☐ Final Abandonment Notice	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	

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

Due to unintentional wellbore dift the new bottom hole for the FR 9P-20-14-20 is as follows.
1690' FSL 820' FEL, NESE, SECTION 20, T14S, R20E

612089X 39.582212
4381993Y -109.694836

Federal Approval of this Action is Necessary

COPY SENT TO OPERATOR
Date: 3.18.2009
Initials: KS

14. I hereby certify that the foregoing is true and correct. Name *(Printed/Typed)*
JAN NELSON

Title REGULATORY AFFAIRS

Signature Jan Nelson

Date 03/02/2009

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

BRADLEY G. HILL
ENVIRONMENTAL MANAGER

Date 03-11-09

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

Office

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

RECEIVED
MAR 04 2009
DIV. OF OIL, GAS & MINING

(Instructions on page 2)

CONFIDENTIAL

QUESTAR

Questar Exploration and Production Company
11002 East 17500 South
Vernal, UT 84078
Tel 435 781 4300 • Fax 435 781 4329

March 2, 2009

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

To Whom It May Concern:

In reference to the State Oil and Gas Conservation rule R649-3-3 Questar Exploration & Production, Co. *FR 9P-20-14-20* is an exception to this rule due to wellbore drift to a bottom hole location outside the legal window.

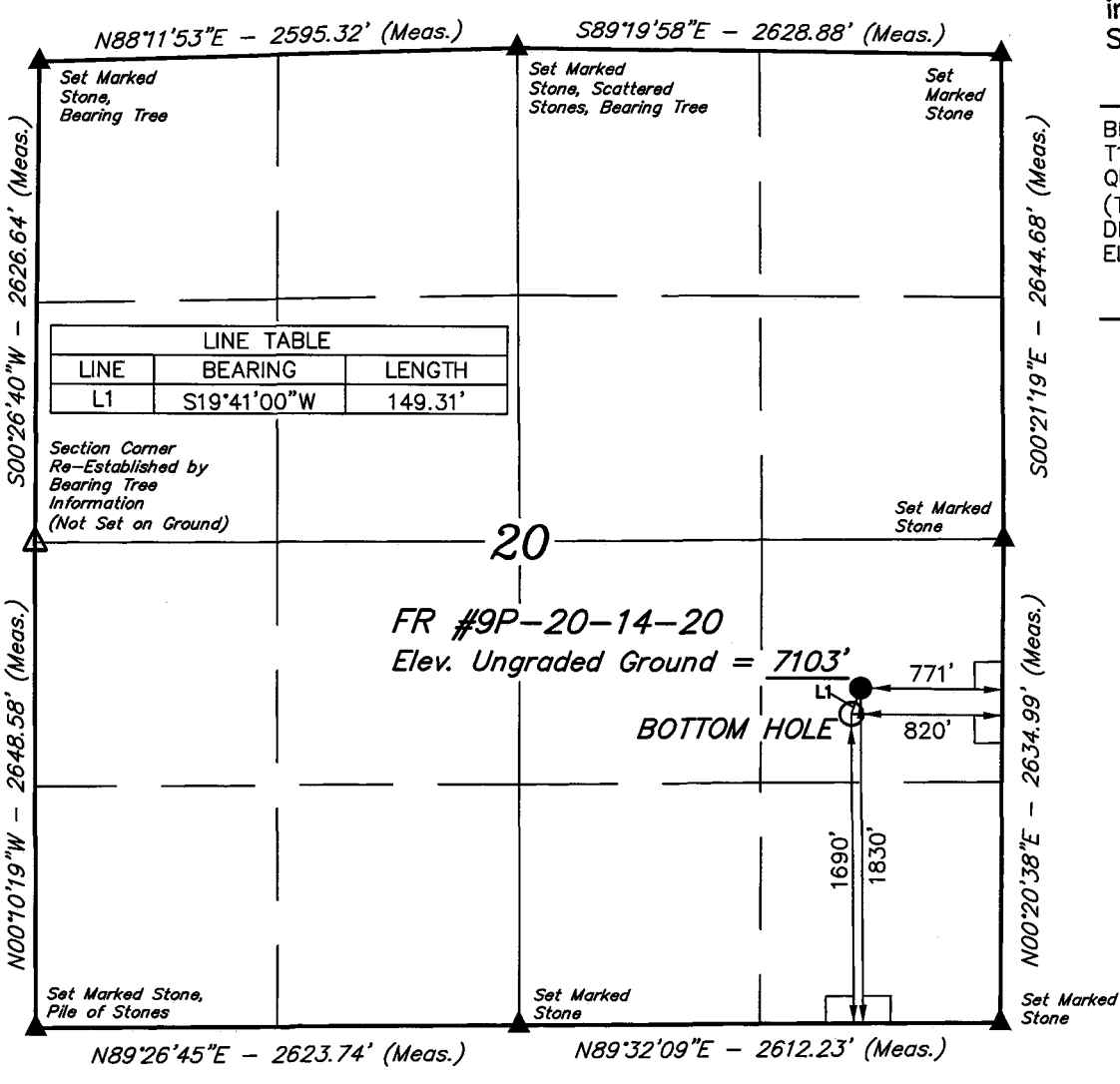
Furthermore, Whiting Oil and Gas Corporation and Flat Rock Gas LLC has consented approval for these well sites.

There are no other lease owners within 460' of the proposed location. If you have any question please contact Jan Nelson @ (435) 781-4331 or Chad W. Matney @ (303) 308-3048.

Thank you,

Jan Nelson
Regulatory Affairs

T14S, R20E, S.L.B.&M.



QUESTAR EXPLR. & PROD.

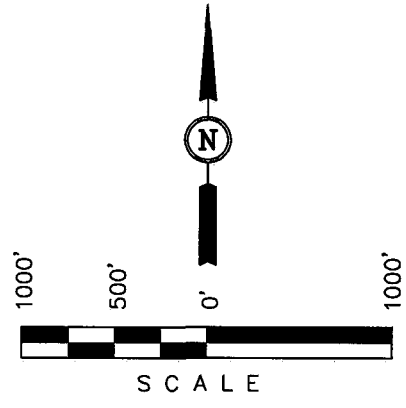
Well location, FR #9P-20-14-20, located as shown in the NE 1/4 SE 1/4 of Section 20, T14S, R20E, S.L.B.&M., Uintah County, Utah.

BASIS OF ELEVATION

BENCH MARK (59 WF) LOCATED IN THE NW 1/4 OF SECTION 10, T15S, R20E, S.L.B.&M., TAKEN FROM THE FLAT ROCK MESA QUADRANGLE, UTAH, UINTAH COUNTY, 7.5 MINUTE SERIES (TOPOGRAPHICAL MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 7449 FEET.

BASIS OF BEARINGS

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



CERTIFICATE

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

REGISTERED LAND SURVEYOR
REGISTRATION NO. 161319
STATE OF UTAH

REVISED: 02-24-09

LEGEND:

- └ = 90° SYMBOL
- ● = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.
- △ = SECTION CORNERS RE-ESTABLISHED. (Not Set on Ground)

(AUTONOMOUS) NAD 83 (TARGET BOTTOM HOLE)	(AUTONOMOUS) NAD 83 (SURFACE LOCATION)
LATITUDE = 39°34'56.01" (39.582225)	LATITUDE = 39°34'57.39" (39.582608)
LONGITUDE = 109°41'43.85" (109.695514)	LONGITUDE = 109°41'43.19" (109.695331)
(AUTONOMOUS) NAD 27 (TARGET BOTTOM HOLE)	(AUTONOMOUS) NAD 27 (SURFACE LOCATION)
LATITUDE = 39°34'56.14" (39.582261)	LATITUDE = 39°34'57.52" (39.582644)
LONGITUDE = 109°41'41.36" (109.694822)	LONGITUDE = 109°41'40.70" (109.694639)

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

SCALE	DATE SURVEYED:	DATE DRAWN:
1" = 1000'	05-08-07	05-10-07
PARTY: B.H. C.G. L.K.	REFERENCES: G.L.O. PLAT	
WEATHER: WARM	FILE: QUESTAR EXPLR. & PROD.	

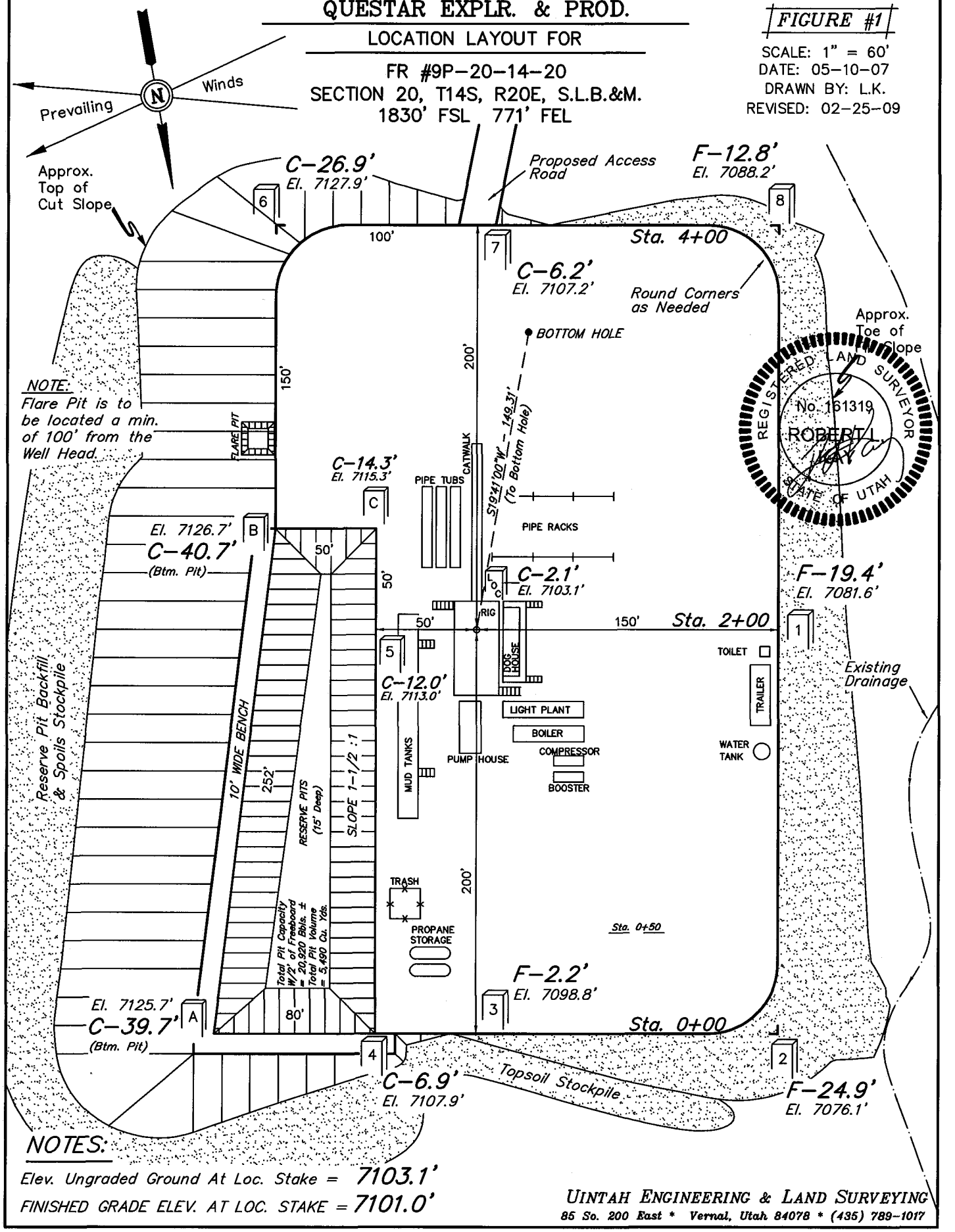
QUESTAR EXPLR. & PROD.

LOCATION LAYOUT FOR

FR #9P-20-14-20
SECTION 20, T14S, R20E, S.L.B.&M.
1830' FSL 771' FEL

FIGURE #1

SCALE: 1" = 60'
DATE: 05-10-07
DRAWN BY: L.K.
REVISED: 02-25-09



NOTES:

Elev. Ungraded Ground At Loc. Stake = 7103.1'

FINISHED GRADE ELEV. AT LOC. STAKE = 7101.0'

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

QUESTAR

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

Rocky Mountain Region

July 3, 2008

Whiting Oil and Gas Corporation
1700 Broadway – Suite 2300
Denver, CO 80290
Attn: Chris Potter

Flat Rock Gas, LLC
333 West Center Street
North Salt Lake, Utah 84054
Attn: Chris Malan

RE: <u>Agreement to Exception Locations</u>
Oil Canyon Area
T13-14S, R20E, SLM-Multiple Sections
Uintah County, Utah

COPY

Gentlemen:

Pursuant to the provisions of this agreement, Questar Exploration and Production Company ("Questar") as operator of certain leases and lands as set out on the attached Exhibit "A" and Whiting Oil and Gas Corporation ("Whiting") as operator of lease ML-50734, also set out on Exhibit "A", along with Flat Rock Gas LLC ("Flat Rock Gas") as a non-operator, herewith agree to the following provisions regarding wellbore drift and exception locations under the state siting rules of the State of Utah Division of Oil, Gas and Minerals ("DOGM"). Questar, Whiting and Flat Rock Gas may be collectively referred to below as the "Parties". All lands and leases found on Exhibit "A" will be collectively referred to below as the "Lands".

The following shall set forth the provisions of this agreement:

1. This agreement shall be effective as of April 1, 2008 and shall remain in effect as long as any of the Lands continue to be subject to the provisions of those certain Joint Operating Agreements, dated January 1, 2008, entered into by and between Questar, Whiting and Flat Rock Gas covering the Lands.
2. Wellbore drift has been encountered in past wells drilled on the Lands. The Parties agree to allow the operator(s) to drill wells on the Lands without directional drilling, thereby agreeing to allow the wellbore to potentially drift outside of the legal window.
3. No well or wellbore will be drilled closer than 460' to any lease line without a separate exception location, obtained pursuant to rule R649-3-3.
4. Should a Federal unit be formed, which covers all or a portion of the lands covered by this agreement, this agreement shall remain in effect until such time as a board order is rendered by DOGM which vacates or suspends the state siting rules within the unit. Those lands covered by this agreement which are subject to

the board order shall no longer be subject to the terms of this agreement. With regard to any lands covered by this agreement which are not included within said unit, this agreement shall remain in effect to these lands.

5. Exception locations as contemplated herein are subject to the approval of DOGM.

Sincerely,

QUESTAR EXPLORATION AND PRODUCTION COMPANY

Chad W. Matney
Associate Landman

Agreed to and accepted this 31 day of July, 2008, by:

Questar Exploration and Production Company

J.B. Neese, Executive Vice President

Agreed to and accepted this 25 day of July, 2008, by:

Whiting Oil and Gas Corporation

By: David M. Seery C&E
Title: Vice President - Land

Agreed to and accepted this 2nd day of July, 2008, by:

Flat Rock Gas LLC
BY: Flying J Oil + Gas Inc., ITS Commercial Member

By: Chris C. Martin
Title: E. V. P.

COPY

Exhibit "A"

Attached to and made a part hereof that certain letter agreement dated July 3, 2008, entered into by and between Questar Exploration and Production Company, Whiting Oil and Gas Corporation and Flat Rock Gas LLC.

Lease Serial Number	Legal Description	Acreage
U-6610	T13S-R20E-SLM Section 21: All Section 33: All Section 34: All	1920.00
U-6612	T14S-R20E-SLM Section 03: Lots 1-4; S2N2; S2 (All) Section 10: All Section 13: NE4NE4, NE4NW4, NE4SE4, SE4SW4 Section 15: W2, NW4NE4, NW4SE4	1839.89
U-6632	T13S-R20E-SLM Section 22: W2 Section 27: W2, SE4 Section 28: All	1440.00
U-6634	T14S-R20E-SLM Section 01: All Section 04: Lots 1-4; S2N2, S2 (All) Section 08: NE4 Section 09: N2, N2SE4 Section 24: All	2480.32
U-10162	T14S-R20E-SLM Section 05: Lots 1-4, S2N2, S2 (All) Section 08: S2SW4, N2SE4, NW4	960.38
U-10163	T14S-R20E-SLM Section 11: All Section 12: All Section 14: NE4NE4, NE4NW4, SW4SW4, NE4SE4 Section 22: NW4NE4, W2, SE4 Section 23: SW4NE4, SW4NW4, SW4SW4, SE4SE4	2120.00
U-10164	T14S-R20E-SLM Section 17: NW4, S2 Section 20: All Section 21: All	1760.00
U-10165	T14S-R20E-SLM Section 25: All Section 26: All Section 27: All	1920.00
U-18726	T14S-R20E-SLM Section 09: SE4SW4	40.00
U-27043	T14S-R20E-SLM Section 13: W2E2, SE4NE4 W2W2, SE4NW4, NE4SW4, SE4SE4 Section 14: W2E2, SE4NE4, NW4NW4, S2NW4, N2SW4, SE4SW4, SE4SE4 Section 15: E2E2, SW4NE4, SW4SE4 Section 22: E2NE4, SW4NE4 Section 23: N2N2, SE4NE4, SE4NW4, N2S2, SE4SW4, SW4SE4	1800.00
ML-50734	T14S-R20E-SLM Section 16: All	640.00

Uintah County, Utah

API Number: 4304739461

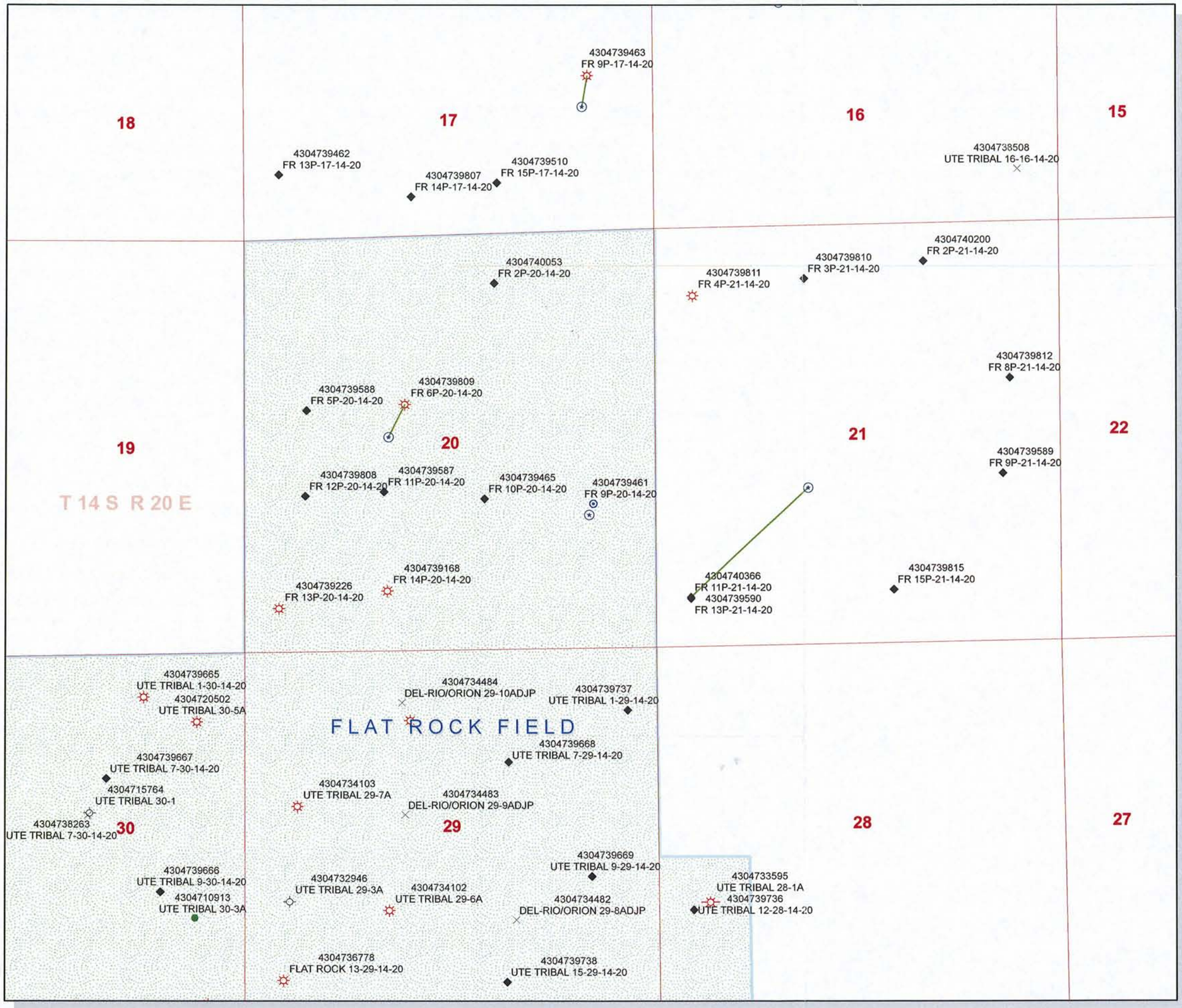
Well Name: FR 9P-20-14-20

Township 14.0 S Range 20.0 E Section 20

Meridian: SLBM

Operator: QUESTAR EXPLORATION & PRODUCTION CO

Map Prepared:
Map Produced by Diana Mason



Units

STATUS
- ACTIVE
- EXPLORATORY
- GAS STORAGE
- NF PP OIL
- NF SECONDARY
- PI OIL
- PP GAS
- PP GEOTHERML
- PP OIL
- SECONDARY
- TERMINATED

Fields

STATUS
- ACTIVE
- COMBINED
- Sections
- Township

Wells Query Events
- <all other values>

GIS_STAT_TYPE
- <Null>
- APD
- DRL
- GI
- GS
- LA
- NEW
- OPS
- PA
- PGW
- POW
- RET
- SGW
- SOW
- TA
- TW
- WD
- WI
- WS

1,700 850 0 1,700 Feet

1:15,560

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
E	**17025**	**17025**	**43-047-39461**	**FR 9P 20 14 20**	**NESE**	**20**	**14S**	**20E**	**Uintah**	**7/29/08**	**12/11/08**

WELL 1 COMMENTS: **DK/CM** per WCR from WINGT **CONFIDENTIAL** 3/19/09

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)

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MAR 19 2009
DIV. OF OIL, GAS & MINING

John Caldwell
Signature

Office Administrator II 3/19/2009
Title Date

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

CONFIDENTIAL

Form 3160-5
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

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

5. Lease Serial No.
UTU-010164

6. If Indian, Allottee or Tribe Name

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

1. Type of Well
☐ Oil Well ☐ Gas Well ☑ Other

8. Well Name and No.
FR 9P-20-14-20

2. Name of Operator
Questar Exploration and Production Company

9. API Well No.
4304739461

3a. Address
11002 East 17500 South
Vernal, Utah 84078

3b. Phone No. *(include area code)*
435-781-4362

10. Field and Pool or Exploratory Area
Flat Rock

4. Location of Well *(Footage, Sec., T.,R.,M., or Survey Description)*
1830 feet FSL and 771 feet FEL (NESE) Section 20, T. 14S., R 20E. SLBM

11. Country or Parish, State
Uintah

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

TYPE OF SUBMISSION	TYPE OF ACTION			
☑ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Subsequent Report	☐ Casing Repair	☐ New Construction	☐ Recomplete	☑ Other Convert to Water Disposal Well
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
☐ Final Abandonment Notice	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	

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

The 9P-20-14-20 will be converted to a water disposal well by the following procedure:

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

Set CIBP @ 10580', cap with a minimum of 35' of cement
Fill hole with 9 ppg fluid
Set CIBP @ 7800', cap with a minimum of 35' of cement
Perforate Upper Mesa Verde formation as follows:
4938-4960, 4878-4887, 4847-4867, 4800-4827, 4748-4764, 4660-4687, 4560-4600, 4546-4550, 4528-4532, 4510-4518

A Packer will be set at 4460' and End of the Tubing (EOT) will be at 4490'.
(See attached Wellbore Schematic).

An application for an Underground Injection Control (UIC) Permit has been submitted to the EPA. The conversion procedure will not be initiated until the UIC application has been approved by the EPA and this sundry notice has been approved by the BLM, Vernal Field Office and the State of Utah Division of Oil, Gas and Mining. An copy of the approved UIC permit will be provided to the BLM prior to starting the conversion.

14. I hereby certify that the foregoing is true and correct. Name *(Printed/Typed)*
Rick Canterbury

Title Regulatory Affairs

Signature Rick Canterbury

Date 05/08/2009

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date

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

Office

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

(Instructions on page 2)

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MAY 11 2009
DIV. OF OIL, GAS & MINING

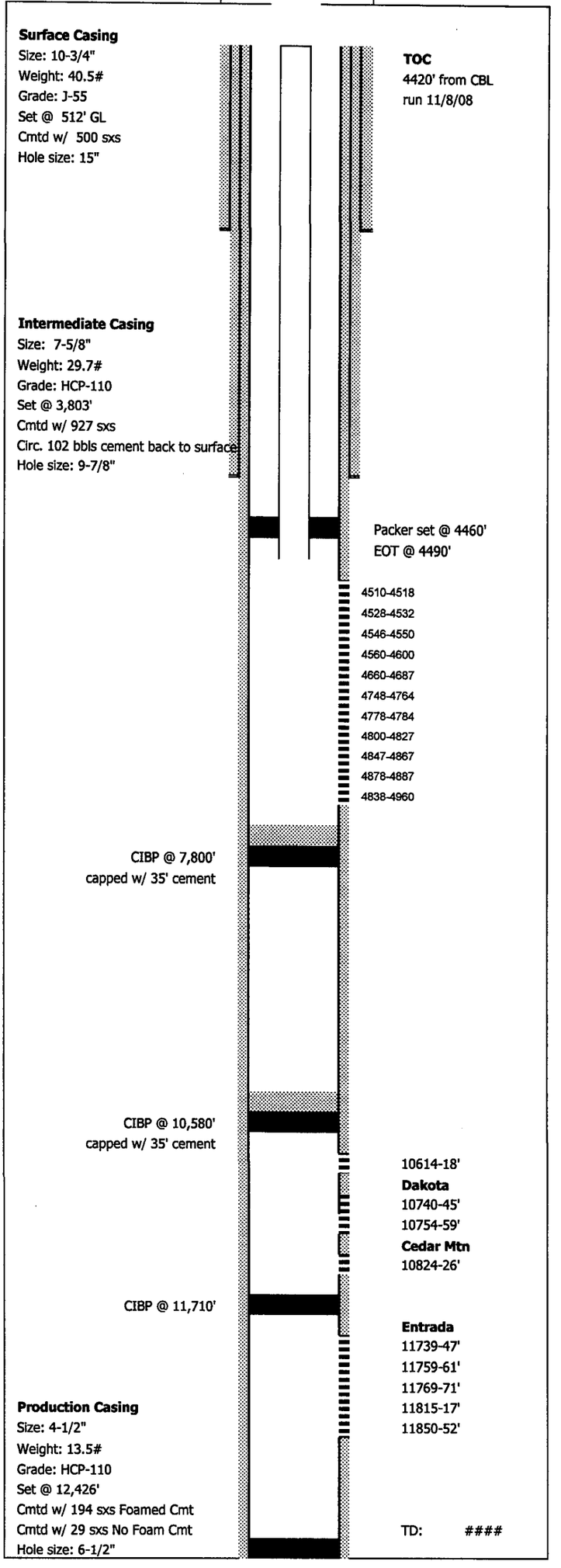
UT08856P16

FIELD: Undesignated | GL: 7101' KBE: 7123'

Well: FR 9P-20-14-20 | TD: 12,440 PBTD:

Surface: 1830' FSL, 771' FEL, NESE, SEC 20-T14S-R20E
Bottom: 1690' FSL, 820' FEL, NESE, SEC 20-T14S-R20E API: 43-047-39461
Uintah County, Utah

Proposed Injection Completion



Prepared By: K. Fleetwood Date: 12-Apr-09

Helen Sadik-Macdonald - RE: flat rock surveys

From: Dahn Caldwell
To: "John Owen (Contractor)"
Date: 5/1/2009 6:56 AM
Subject: RE: flat rock surveys
CC: Helen Sadik-Macdonald

Thank you John. I will forward this information to the lady at the State that requested it.

From: John Owen (Contractor)
Sent: Thursday, April 30, 2009 3:52 PM
To: Dahn Caldwell
Subject: FW: flat rock surveys

M.D (ft)	INCL (deg)	AZI (deg)	TVD (ft)	N/S (ft)	E/W (ft)	DLS (deg/100')
12,119.00	3.20	215.75	12,116.02	(129.86)	(68.75)	0.63
12,392.00	3.20	234.95	12,388.61	(140.42)	(79.44)	0.39
12,440.00	3.20	235.00	12,436.53	(141.96)	(81.64)	0.01

Dahn,

Attached are the certified surveys from Nevis down to 11,568' md. We drilled this well to 5,464' and had a fishing job that required plugging back and sidetracking the well. Nevis tied their surveys into ours at 4,643'. They surveyed all the way from the sidetrack to core point with their last recorded survey at 11,568'md. The survey data above is the last two surveys taken by the rig and the yellow high-lighted survey is a projection to TD.

Let me know if you need anything else.

John

John W. Owen
Drilling Consultant

Office: 303-308-3054 Cell: 303-880-7421
Fax: 303-308-3606 Home: 303-795-0222

owen.contractor@questar.com - office

jwowen7950@comcast.net - home

From: Chris Kehl [mailto:chrisk@nevisenergy.com]
Sent: Thursday, April 30, 2009 3:16 PM
To: John Owen (Contractor)
Subject: FW: flat rock surveys

John,

Attached are the certified surveys for the FR 9P-20-14-20 well.

Have a great weekend.

Chris

From: Jim Campbell
Sent: Thursday, April 30, 2009 3:11 PM
To: Chris Kehl
Subject: flat rock surveys

Jim Campbell
Rocky Mountain Operations Manager, Nevis Energy Services Inc

t. 307.472.5135 | f. 307.472.5346 | c. 307.262.0377
jcampbell@nevisenergy.com

1076 N Robertson Rd, Casper Wyoming 82604
www.nevisenergy.com

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.
U-70144

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

6. If Indian, Allottee or Tribe Name
UTE TRIBE

7. Unit or CA Agreement Name and No.
N/A

2. Name of Operator
Questar Exploration & Production Co.

8. Lease Name and Well No.
FR 9P 20 14 20

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

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

9. API Well No.
43-047-39461

4. Location of Well *(Report location clearly and in accordance with Federal requirements)**
At surface 1830' FSL, 771' FEL, NESE, SEC 20-T14S-R20E

10. Field and Pool or Exploratory
UNDESIGNATED

11. Sec., T., R., M., on Block and Survey or Area SEC 20-T14S-R20E

At top prod. interval reported below 1688 FSL 853 FEL

At total depth ~~1690 FSL, 820' FEL~~, NESE, SEC 20-T14S-R20E Per HSM review

12. County or Parish
UINTAH

13. State
UT

14. Date Spudded
07/29/2008

15. Date T.D. Reached
09/19/2009

16. Date Completed 12/11/2008
☐ D & A ☐ Ready to Prod.

17. Elevations (DF, RKB, RT, GL)*
7123' KB

18. Total Depth: MD 12,440'
TVD 12436

19. Plug Back T.D.: MD 12377' Tag sand @
TVD ~~11701'~~ 12379

20. Depth Bridge Plug Set: MD 11710' CIBP
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
DSN-SD-AC-TR & CBL

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
15"	10-3/4"	40.5#		512' GL		500 SXS		SURF - CIRC	
9-7/8"	7-5/8"	29.7#		3803'		927 SXS		SURF - UNK	
6-1/2"	4-1/2"	13.5#		12426'		223 SXS		4420' - LOG	

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
N/A								

25. Producing Intervals

Formation	Top	Bottom
A) SEE ATTACHMENT ONE		
B) DK-CM		
C)		
D)		

26. Perforation Record

Perforated Interval	Size	No. Holes	Perf. Status
SEE ATTACHMENT ONE			

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

Depth Interval	Amount and Type of Material
SEE ATTACHMENT ONE	SEE ATTACHMENT ONE

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
N/A - SI									

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

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.)*
None - Never produced - SI

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
Wasatch	2800'			Entrada	11692'
Mesa Verde	4484'				
Castlegate	6435'				
Blackhawk	6745'				
Dakota Silt	10611'				
Morrison	11022'				
Curtis	11566'				

32. Additional remarks (include plugging procedure):

This well has not produced anything yet. This well is currently SI.

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: PERFORATION & FRACING REPORT

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 (dfc) Date 02/27/2009

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)

CONFIDENTIAL

FR 9P 20 14 20 – ATTACHMENT ONE
PERFORATION & STIMULATION DETAIL:

Open Perfs	Stimulation					Perf Status
10614′ – 10618′						Open – Dakota Silt
10740′ – 10745′						Open - Dakota
10754′ – 10759′	Frac w/	74,200	Lbs in	27,552	Gals	Open - Dakota
10824′ – 10826′	Used a	Total of	169	Tons of	CO2	Open – Cedar Mtn
CIBP @ 11710′						CIBP @ 11710′
11739′ – 11747′						Closed - Entrada
11759′ – 11761′						Closed - Entrada
11769′ – 11771′	Acidize w/	2,000	Gals of	15% HCL		Closed - Entrada
11815′ – 11817′						Closed - Entrada
11850′ – 11852′						Closed - Entrada

43-047-39961

CONFIDENTIAL

Questar E & P

Operations Summary Report - DRILLING

Well Name: FR 9P-20-14-20 ST1
Location: 20- 14-S 20-E 26
Rig Name: UNIT

Spud Date: 7/29/2008
Rig Release: 9/25/2008
Rig Number: 236

Date	From - To	Hours	Code	Sub Code	Description of Operations
7/30/2008	06:00 - 12:00	6.00	LOC	3	MOVE IN BUCKET RIG CALL MICHAEL LEE ON 7/28/2008 FOR SPUD ON 7/29/2008 12:00
	12:00 - 16:00	4.00	LOC	2	DRILL 30" HOLE TO 40' SET 20" CONDUCTOR PIPE DRILL MOUSE HOLE TO 80'
	16:00 - 17:00	1.00	LOC	3	MOVE IN PRO PETRO RIG #8 RIG UP
	17:00 - 02:00	9.00	DRL	9	DRILL 15" HOLE WITH HAMMER F/40' TO 520'
	02:00 - 03:00	1.00	TRP	2	TRIP OUT TO RUN 10 3/4" CASING
	03:00 - 04:00	1.00	CSG	2	RUN 12 JTS OF 10 3/4", J-55, R3, ST&C CASING SET AT 512' GL
	04:00 - 06:00	2.00	CMT	2	CEMENT WITH 500 SKS OF 15.8 PPG 1.15 YIELD CLASS G CEMENT DISPLACED WITH 46 BBLS OF WATER BUMPED PLUG AND FLOATS HELD 30 BBLS OF CEMENT TO PITS NOTIFIED JAMIE SPARGER ABOUT CEMENT JOB
8/2/2008	06:00 - 18:00	12.00	LOC	4	RIG DOWN TOP DRIVE, MUD PUMP AND MUD TANKS FLARE LINES AND CHOKE LINES AND ELECTRICAL LINES
	18:00 - 06:00	12.00	OTH		WAIT ON DAYLIGHT
8/3/2008	06:00 - 18:00	12.00	LOC	4	LAY OVER DERRICK, UNSTRING BLOCKS, SET OUT MUD CLEANING EQUIPMENT, HOPPER HOUSE, UPPER DOG HOUSE AND LAY OVER A LEGS SET OUT GAS BUSTER FLOW LINE AND CHOKE AND BOUY LINES RIG DOWN BACK YARD
	18:00 - 06:00	12.00	OTH		WAIT ON DAYLIGHT
8/4/2008	06:00 - 18:00	12.00	LOC	3	MOVE RIG TO FR9P-20-14-20, RIG MOVE 75%, RIG DOWN 100% INSTALL NIGHT CAP, WATER ROADS FOR DUST CONTROLL
8/5/2008	06:00 - 18:00	12.00	LOC	3	RIG UP MATTING BOARDS, SUBS, MOTORS, PUMPS MUD TANKS SUIT CASES, BACK YARD, FUEL TANK, CENTRIFUGE, MUD CLEANER AND BOP RIG UP 50% RIG MOVE 85%
8/6/2008	06:00 - 18:00	12.00	LOC	3	MOVE AND RIG UP CAMPS AND AIR, MOVE DRILL STRING RIG MOVE 90% RIG UP 75%
	18:00 - 06:00	12.00	OTH		WIAT ON DAYLIGHT
8/7/2008	06:00 - 18:00	12.00	LOC	3	PIN IN DERRICK STRING BLOCKS SET TOP DRIVE POWER UNIT MOVE MUD GENERAL RIG UP MOVE 100%, RIG UP 90%
	18:00 - 06:00	12.00	OTH		WAIT ON DAYLIGHT
8/8/2008	06:00 - 18:00	12.00	LOC	4	RAISE DERRICK, BRIDLE DOWN, INSTALL TORQUE TUBE, RIG UP FLOOR AND BOUYE LINES, FLARE LINES AND PANNICK LINE, DO REPAIR WORK CONTACTED ALAN WALKER WITH BLM ON NOTIFICATION OF BOP PRESSURE TEST 8/7/2008 0:900 TEST 8/8/2008 12:00
	18:00 - 06:00	12.00	OTH		WAIT ON DAYLIGHT
8/9/2008	06:00 - 14:00	8.00	OTH		PICK UP TOP DRIVE, WORK ON TOP DRIVE, TORQUE BOLTS ON BOP, RUN RACK ON POWER UNIT
	14:00 - 20:00	6.00	BOP	2	TEST BOP, REPLACE RING IN HCR VALVE REBUILD CHRISMAS TREE VALVE ON CHOKE, TEST BAG TO 250 LOW AND 3500 HIGH, TEST PIPE RAMS, BLIND RAMS, CHOKE LINE AND VALVES TO 250 LOW AND 5000 HIGH TES CASING TO 1500 FOR 30 MININUTES ALL TESTED GOOD START DAYRATE 14:00 8/8/2008 BLM ON LOCATION FOR BOP TEST
	20:00 - 01:00	5.00	OTH		MAKE UP SWIVEL TO TOP DRIVE, HOOK TO TORQUE TUBE, RETORQUE ALL FITTINGS AND SUBS
	01:00 - 02:00	1.00	BOP	2	TEST DOUBLE BALL VALVE AND MANUAL VALVE 250 LOW AND 5000 HIGH TEST STAND PIPE BACK TO PUMPS 2500 LOW AND 3500 HIGH
	02:00 - 03:30	1.50	OTH		INSTALL WEAR BUSHING
	03:30 - 05:00	1.50	OTH		PICK UP BAILS AND ELEVATORS, LAY OUT BHA AND STRAP
	05:00 - 06:00	1.00	TRP	1	PICK UP BHA
8/10/2008	06:00 - 09:00	3.00	TRP	1	PICK UP BHA
	09:00 - 10:30	1.50	RIG	2	REPLACE WASH PIPE
	10:30 - 11:30	1.00	TRP	1	TAG CEMENT AT 443' UNLOAD HOLE
	11:30 - 15:00	3.50	DRL	4	DRILL CEMENT AND FLOAT EQUIPMENT 443' TO 542'

CONFIDENTIAL

Operations Summary Report

Well Name: FR 9P-20-14-20 ST1
Location: 20- 14-S 20-E 26
Rig Name: UNIT

Spud Date: 7/29/2008
Rig Release: 9/25/2008
Rig Number: 236

Date	From - To	Hours	Code	Sub Code	Description of Operations
8/10/2008	15:00 - 18:00	3.00	DRL	1	DRILL F/542' TO 650' WOB 18, ROT 70, AIR 2200 DUSTING
	18:00 - 18:30	0.50	RIG	2	OIL VENT ON TOP DRIVE FELL OFF REPLACE OIL VENT
	18:30 - 19:00	0.50	DRL	1	DRILL F/650' TO 656' WOB 18, ROT 70, AIR 2200
	19:00 - 19:30	0.50	SUR	1	SURVEY @621' .2 INC 133.55 AZM
	19:30 - 21:30	2.00	DRL	1	DRILL F/656' TO 731' WOB 18, ROT 70, AIR 2200 DUSTING
	21:30 - 06:00	8.50	RIG	2	TOP DRIVE WILL NOT FUNCTION NO ROTATION REPLACE 37 PIN LINE AND WAIT ON TOP DRIVE HAND
8/11/2008	06:00 - 12:30	6.50	RIG	2	WORK ON TOP DRIVE CONTROL PANEL
	12:30 - 17:00	4.50	DRL	1	DRILL F/731' TO 1039' WOB 20, ROT 70, AIR 2200 DUSTING
	17:00 - 18:00	1.00	OTH		CONNECTIONS AND REGAIN CIRCULATION
	18:00 - 19:00	1.00	OTH		LOST 30 PSI OF STANDPIPE PRESSURE WHILE DRILLING, LOST 30000 OF STRING WEIGHT WHEN PICKED UP
	19:00 - 20:30	1.50	TRP	11	TRIP OUT
	20:30 - 21:00	0.50	TRP	1	LAY DOWN 5" DRILL COLLAR PIN TWISTED OFF LEAVING SIX 5" DC, XO, THREE 6.5" DC, XO, ONE 8" DC, ONE STRING MILL, ONE 8" DC, ONE 8" MONEL AND BIT SUB AND BIT IN HOLE FISH 381.13'
	21:00 - 00:30	3.50	WOT	4	WAIT ON FISHING TOOLS
	00:30 - 02:00	1.50	TRP	1	MAKE UP FISHING TOOLS
	02:00 - 03:30	1.50	TRP	2	TRIP IN WITH FISHING TOOLS
	03:30 - 04:00	0.50	FISH	5	TAG FISH, ROTATE SET WEIGHT ON PULL FISH
	04:00 - 05:30	1.50	TRP	2	TRIP OUT WITH FISH
	05:30 - 06:00	0.50	TRP	1	LAY DOWN FISH
8/12/2008	06:00 - 07:00	1.00	FISH	5	LAY DOWN FISHING TOOLS
	07:00 - 14:30	7.50	ISP	1	INSPECT BHA
	14:30 - 17:00	2.50	DRL	1	DRILL F/1039' TO 1174' WOB 20, ROT 70, AIR 3000, MIST 10 GPM HOLE WET NOT MAKING WATER
	17:00 - 18:00	1.00	OTH		CONNECTIONS, REGAIN CIRCULATION
	18:00 - 19:00	1.00	DRL	1	DRILL F/1174' TO 1264' WOB 20, ROT 70, AIR 3000, MIST 10 GPM
	19:00 - 19:30	0.50	SUR	1	SURVEY @ 1193' .2 INC 236.75 AZM
	19:30 - 04:30	9.00	DRL	1	DRILL F/1264' TO 1700' WOB 20, ROT 70, 3000 CFM, MIST 10 GPM , PP 320
	04:30 - 06:00	1.50	OTH		CONNECTIONS AND REGAIN CIRCULATION
8/13/2008	06:00 - 06:30	0.50	SUR	1	SURVEY @ 1695' = .1 INC & 204.35 AZ
	06:30 - 07:00	0.50	OTH		REPLACE GASKET ON FLOW SENSOR
	07:00 - 13:30	6.50	DRL	1	DRILL F/ 1700' TO 1894', WOB 22-24K, ROT 73, AIR 3000, PUMP 118 GPM, PSI 505
	13:30 - 14:00	0.50	RIG	1	RIG SERVICE
	14:00 - 17:00	3.00	DRL	1	DRILL F/ 1894' TO 2081', WOB 22-25K, ROT 75, AIR 3000, PUMP 118 GPM, PSI 510 (MAKING WATER)
	17:00 - 18:00	1.00	RIG	2	REPAIR VALVE & TIGHTEN BOLTS ON FLOW LINE
	18:00 - 19:30	1.50	OTH		CONNECTIONS & REGAIN CIRCULATION
	19:30 - 22:30	3.00	DRL	1	DRILL F/ 2081' TO 2283', WOB 25K, ROT 75, AIR 3000, PUMP 118 GPM, PSI 525
	22:30 - 23:30	1.00	RIG	2	TIGHTEN GRABBER BOX CLAMP & RETORQUE SAVER SUB
	23:30 - 05:00	5.50	DRL	1	DRILL F/ 2283' TO 2672', WOB 27K, ROT 75, AIR 3000, PUMP 118 GPM, PSI 540
	05:00 - 06:00	1.00	OTH		CONNECTIONS & REGAIN CIRCULATION
8/14/2008	06:00 - 07:30	1.50	OTH		RECENTER TOP DRIVE TRACK & TIGHTEN TURNBUCKLES (FOUND BRASS SHAVINGS FROM WEAR RING ON LOAD SUPPORT BUSHING ON TOP DRIVE)
	07:30 - 08:30	1.00	SUR	1	SURVEY @ 2666' = .3 INC & 245.55 AZ
	08:30 - 13:00	4.50	DRL	1	DRILL W/ AERATED FLUID F/ 2672' TO 2899', WOB 30-35K, ROT 80, PUMP 158 GPM, AIR 3000, PSI 600 (MAKING WATER)
	13:00 - 14:00	1.00	RIG	1	RIG & TOP DRIVE SERVICE
	14:00 - 16:00	2.00	DRL	1	DRILL F/ 2899' TO 2958', WOB 35K, ROT 80, PUMP 158 GPM, AIR 3000, PSI 610 (MAKING WATER)
	16:00 - 17:00	1.00	OTH		YELLOW DOG PUMP DOWN SWITCH TO MIST PUMP

Operations Summary Report

Well Name: FR 9P-20-14-20 ST1
Location: 20- 14-S 20-E 26
Rig Name: UNIT

Spud Date: 7/29/2008
Rig Release: 9/25/2008
Rig Number: 236

Date	From - To	Hours	Code	Sub Code	Description of Operations
8/14/2008	17:00 - 03:30	10.50	DRL	1	DRILL F/ 2958' TO 3668', WOB 35K, ROT 80, MIST 10 GPM, AIR 3000, PSI 670 (MAKING WATER)
	03:30 - 06:00	2.50	OTH		CONNECTIONS & RGAIN CIRCULATION W/ AIR
8/15/2008	06:00 - 09:00	3.00	DRL	1	DRILL F/ 3668' TO 3807', WOB 35K, ROT 80, AIR 3000, PUMP 237 GPM, PSI 670
	09:00 - 09:30	0.50	CIRC	1	CIRCULATE & PUMP SWEEP
	09:30 - 12:00	2.50	TRP	14	SHORT TRIP TO SHOE (SLM)
	12:00 - 13:30	1.50	RIG	6	SLIP & CUT DRILL LINE
	13:30 - 14:30	1.00	RIG	2	REPLACE AIR LINE ON HIGH DRUM CLUTCH
	14:30 - 16:30	2.00	TRP	14	TIH, WASH & REAM 60' (PRECAUTIONARY) NO FILL
	16:30 - 18:30	2.00	CIRC	1	CIRCULATE, PUMP SWEEPS, RAISE VIS
	18:30 - 22:00	3.50	FISH	6	DROP SURVEY & TOOH PIPE STUCK @ 3775', NO CIRCULATION OR ROTATION, WORK PIPE FREE @ 3750' W/ FULL CIRCULATION
	22:00 - 23:30	1.50	CIRC	1	CIRCULATE PUMPING SWEEPS W/ AIR MIST WASH & REAM TO 3807', CLEAN HOLE
	23:30 - 01:30	2.00	TRP	2	TOOH BACKREAM F/ 3738' TO 3645', PULL 9 STANDS TO 2818' & TIH TO 3645', WASH & REAM TO 3807
	01:30 - 02:30	1.00	REAM	1	WASH & REAM F/ 3645' TO 3807'
	02:30 - 04:30	2.00	CIRC	1	PUMP WATER INTO FORMATION W/ MUD PUMPS @ 580 GPM, NO AIR & 1700 PSI (REDUCE RESERVE PIT LEVEL)
	04:30 - 06:00	1.50	TRP	2	TOOH TO RUN CASING, TIGHT @ 3787', BACKREAM TO 3620', STAND 4 FREE
8/16/2008	06:00 - 07:30	1.50	TRP	2	TIH TO 3750', WASH & REAM TO 3807'
	07:30 - 08:30	1.00	CIRC	1	CIRCULATE & BUILD HIGH VIS PILL (115 BBL)
	08:30 - 11:30	3.00	TRP	2	SPOT 56 VIS PILL, TOOH, BACKREAM F/ 3807' TO 3645'
	11:30 - 13:30	2.00	TRP	1	LAY DOWN 6-1/2" & 8" DC, BIT SUB, WATERMELLON MILL & X-OVER
	13:30 - 14:30	1.00	OTH		PULL WEAR BUSHING
	14:30 - 16:00	1.50	CSG	1	RIG UP FRANKS WESTSTATE CASING CREW
	16:00 - 21:00	5.00	CSG	2	RUN 83 JTS 7-5/8", 29.7#, HCP-110, LT&C CASING
	21:00 - 22:00	1.00	CSG	1	RIG DOWN CASING CREW
	22:00 - 02:00	4.00	CIRC	1	BREAK CIRCULATION & WASH 2 JTS CASING F/ 3750' TO 3803' - FLOAT SHOE @ 3803' & FLOAT COLLAR @ 3709'
	02:00 - 06:00	4.00	CIRC	1	CIRCULATE SPOT IN HALLIBURTON EQUIPMENT & RIG UP CEMENTERS
8/17/2008	06:00 - 10:00	4.00	WOT	4	WAIT ON CAMERON & INSTALL SECTION "A" VALVE OUTLET FLANGES
	10:00 - 10:30	0.50	CSG	7	SET SLIPS
	10:30 - 13:30	3.00	CMT	2	SAFETY MEETING, TEST CEMENT LINES W/ 4000 PSI & N2 LINES W/ 6000 PSI, PUMP 10 BBL FRESH WATER, 30 BBL SUPER FLUSH, 10 BBL FRESH WATER. PUMP 30 BBL (115 SKS) YIELD 1.48 FT/SK SCAVENGER CEMENT FOAMED TO 7 PPG, PUMP 110 BBL (420 SKS) FOAMED LEAD 8.5 PPG, YIELD 1.48 FT/SK. PUMP 50 BBL (190 SKS) 2ND FOAMED LEAD 11 PPG, YIELD 1.48 FT/SK. PUMP 40 BBL (140 SKS) TAIL CEMENT 14.3 PPG, YIELD 1.48FT/SK. DROP PLUG & DISPLACE W/ 165 BBL 8.4 PPG MUD, MBUMP PLUG W/ 1095 PSI, FLOATS HELD, 2 BBL BACK. 102 BBL CEMENT TO SURFACE. PUMP 17 BBL (62 SKS) CAP CEMENT14.6 PPG YIELD 1.55 FT/SK
	13:30 - 15:00	1.50	CMT	1	RIG DOWN CEMENTERS
	15:00 - 18:00	3.00	WOT	1	WAIT ON CEMENT
	18:00 - 21:30	3.50	BOP	1	SAFETY MEETING, RIG UP B&C QUICK TEST LIFT TRUCK & NIPPLE DOWN BOP, LIFT STACK
	21:30 - 22:30	1.00	CSG	6	CUT OFF CASING
	22:30 - 06:00	7.50	BOP	1	CHANGE OUT "B" SECTION & ADAPTOR SPOOL W/ CAMERON 11" 5000 x 11" 5000 & DSA (HAD TO CUT BOLTS OFF BOTTOM BOP TO PULL ADAPTOR SPOOL) TORQUE UP BOLTS
8/18/2008	06:00 - 09:00	3.00	BOP	1	TORQUE UP BOP BOLTS, CHOKE & KILL LINE & FLANGE UP FLOWLINE, REPLACE 10" VALVE ON FLOWLINE
	09:00 - 13:00	4.00	BOP	2	TEST BOP W/ B&C QUICK TEST, UPPER & LOWER PIPE RAMS, BLIND RAMS,

Operations Summary Report

Well Name: FR 9P-20-14-20 ST1
Location: 20- 14-S 20-E 26
Rig Name: UNIT

Spud Date: 7/29/2008
Rig Release: 9/25/2008
Rig Number: 236

Date	From - To	Hours	Code	Sub Code	Description of Operations
8/18/2008	09:00 - 13:00	4.00	BOP	2	CHOKE & KILL LINE, CHOKE MANIFOLD, FLOOR VALVES & DOUBLE BALL VALVE F/ TOP DRIVE W/ 250 PSI LOW & 5000 PSI HIGH. TEST ANNULAR W/ 2500 PSI. TEST CASING W/ 1500 PSI F/ 30 MINUTES
	13:00 - 20:00	7.00	RIG	2	OPEN & INSPECT TOP DRIVE LOAD SUB & WEAR BUSHING, FOUND MINIMAL WEAR FOR BRASS WEAR BUSHING, FOUND 2 EA 1/16" GROOVES ON LOAD SUB. REINSTALL SAME
	20:00 - 21:30	1.50	OTH		INSTALL WEAR BUSHING
	21:30 - 23:30	2.00	TRP	1	PICK UP BHA
	23:30 - 03:00	3.50	TRP	2	TIH W/ BIT # 2, TAG CEMENT @ 3654'. CHANGE OUT JARS & ROTATING HEAD RUBBER
	03:00 - 04:00	1.00	CIRC	1	DISPLACE WATER IN HOLE W/ MUD
	04:00 - 06:00	2.00			DRILL CEMENT & FLOAT EQUIPMENT (PLUG @ 3659')
8/19/2008	06:00 - 07:30	1.50	DRL	1	DRILL 6-1/2" HOLE F/ 3807' TO 3825', WOB 12K, ROT 80, PS 100, PP 1400
	07:30 - 08:00	0.50	EQT	2	FIT W/ 8.5# AMW & 594 PSI = 11.5 EMW
	08:00 - 12:30	4.50	DRL	1	DRILL F/ 3825' TO 4005', WOB 15K, ROT 95, PS 100, PP 1350 (TOP DRIVE MAXED OUT RPM @ 95)
	12:30 - 13:00	0.50	RIG	1	RIG SERVICE
	13:00 - 15:30	2.50	DRL	1	DRILL F/ 4005' TO 4106', WOB 15K, ROT 90, PS 100, PP 1320
	15:30 - 16:00	0.50	SUR	1	SURVEY @ 4059' = 1.2 INC & 224.35 AZ
	16:00 - 23:30	7.50	DRL	1	DRILL F/ 4106' TO 4395', WOB 13-15K, ROT 85-90, PS 100, PP 1280 (TOP DRIVE CONTINES LOOSING RPM SLOWLY)
	23:30 - 00:00	0.50	SUR	1	SURVEY @ 4357' = 1.0 INC & 216.14 AZ
	00:00 - 04:30	4.50	DRL	1	DRILL F/ 4395' TO 4687', WOB 13-15K, ROT 90-95, PS 100, PP 1250 (TOP DRIVE ABLE TO ROTATE @ 100 RPM NIGHT TIME, TEMP PROBLEM ???)
	04:30 - 06:00	1.50	OTH		CONNECTIONS & SPR
8/20/2008	06:00 - 08:00	2.00	CIRC	1	CIRCULATE PUMPING SWEEPS TO CLEAN HOLE, BACKREAM W 30-40K OVERPULL
	08:00 - 09:00	1.00	SUR	1	SURVEY @ 4643' = 1.2 INC & 199.25 AZ
	09:00 - 16:00	7.00	DRL	1	DRILL F/ 4687' TO 4880', WOB 15-16K, ROT 90, PS 100, PP 1220 (INCREASE MUD WT TO 9.0 #) 20-25K OVERPULL ON CONNECTION
	16:00 - 16:30	0.50	RIG	1	RIG SERVICE
	16:30 - 19:00	2.50	DRL	1	DRILL F/ 4880' TO 4979', WOB 16-17K, ROT 85-90K, PS 100, PP 1300 (INCREASE MUD WT TO 9.3#)
	19:00 - 19:30	0.50	SUR	1	SURVEY @ 4935' = 1.3 INC & 216.65 AZ
	19:30 - 02:30	7.00	DRL	1	DRILL F/ 4979' TO 5270', WOB 17-18K, ROT 85-90K, PS 100, PP 1300
	02:30 - 05:30	3.00	OTH		CONNECTIONS & SPR
	05:30 - 06:00	0.50	SUR	1	SURVEY @ 5226' = 2.0 INC & 214.75 AZ
8/21/2008	06:00 - 11:00	5.00	DRL	1	DRILL F/ 5270' TO 5464', WOB 18K, ROT 85-90, PS 100, PP 1300 (CONNECTIONS TIGHT 20K OVERPULL)
	11:00 - 12:00	1.00	OTH		CONNECTIONS
	12:00 - 06:00	18.00	FISH	3	STUCK PIPE @ 5397' WHILE BACKREAMING CONNECTION, BLEW NAIL ON PUMP, REGAIN CIRCULATION UNABLE TO ROTATE, JAR ON PIPE (JAR UP, GOOD HIT, JAR DOWN SOFT HIT) INCREASE MUD WT TO 9.5#, INSPECT DERRICK EVERY 2 HRS (WIRELINE TRUCK ON LOCATION @ 0500 RIGGING UP)
8/22/2008	06:00 - 08:00	2.00	FISH	4	RIG UP J-W WIRELINE TRUCK
	08:00 - 10:00	2.00	FISH	4	RIH W/ FREE POINT TOOL, FREE TO 5340' (NMDC) POOH
	10:00 - 12:00	2.00	FISH	4	MAKE UP SHOT & RIH W/ TOOL, CONFIRM DEPTH & BACK OFF @ 5294.26' (102.74' FISH IN HOLE - 1 EA DC, NMDC, XO, IBS, TRI-COLLAR, TORQUE BUSTER & BIT)
	12:00 - 12:30	0.50	FISH	4	RIG DOWN WIRELINE TRUCK
	12:30 - 16:00	3.50	TRP	2	TOOH, L/D JARS & BOTTOM DC
	16:00 - 18:30	2.50	TRP	1	PICK UP FISHING TOOLS

Operations Summary Report

Well Name: FR 9P-20-14-20 ST1
Location: 20- 14-S 20-E 26
Rig Name: UNIT

Spud Date: 7/29/2008
Rig Release: 9/25/2008
Rig Number: 236

Date	From - To	Hours	Code	Sub Code	Description of Operations
8/22/2008	18:30 - 20:30	2.00	TRP	2	TIH W/ FISHING TOOLS
	20:30 - 21:00	0.50	OTH		SCREW INTO FISH & BREAK CIRCULATION
	21:00 - 06:00	9.00	FISH	3	JAR ON FISH W/ FULL CIRCULATION - NO SUCCESS
8/23/2008	06:00 - 08:30	2.50	FISH	3	JAR ON DRILL STRING - NO SUCCESS
	08:30 - 10:30	2.00	FISH	4	RIH W/ TOOL & BACK OFF@ 5357', POOH (BIT, TORQUE BUSTER, TRI-COLLAR & IBS LEFT IN HOLE)
	10:30 - 11:30	1.00	FISH	4	RIG DOWN WIRE LINE TRUCK
	11:30 - 16:30	5.00	TRP	2	TOOH LAY DOWN FISHING TOOLS & 5" DC & NMDC
	16:30 - 17:00	0.50	OTH		CHANGE OUT ELEVATORS
	17:00 - 20:30	3.50	TRP	2	MAKE UP STINGER & TIH W/ 42 STANDS, PICK UP DRILL PIPE, TAG TOP OF FISH @ 5357'
	20:30 - 21:00	0.50	CMT	1	BREAK CIRCULATION, SAFETY MEETING, RIG UP HALLIBURTON CEMENTERS
	21:00 - 22:00	1.00	CMT	2	TEST CEMENT LINE W/ 5000 PSI, PUMP 10 BBL WATER, 26.8 BBL (160 SKS) 17.5# .94 YIELD 3.35 GAL/SK CEMENT, 4 BBL WATER BEHIND & DISPLACE W/ 47 BBL 9.7# MUD
	22:00 - 22:30	0.50	TRP	2	TOOH 7 STANDS TO 4660'
	22:30 - 23:30	1.00	CIRC	1	CIRCULATE & RIG DOWN CEMENTERS
	23:30 - 01:30	2.00	TRP	2	TOOH W/ DP
	01:30 - 05:00	3.50	TRP	1	P/U NEVIS DIRECTIONAL TOOLS & 4 DC
	05:00 - 06:00	1.00	WOT	4	WAIT ON CURTS TOOL INSPECTION F/ BHA TRIP INSPECTION
8/24/2008	06:00 - 12:30	6.50	ISP	1	RIG UP CURTS TOOL INSPECTION TRIP INSPECT BHA (L/D 1 EA DC CRACKED PIN) PICK UP JARS
	12:30 - 13:00	0.50	OTH		CLEAN RIG FLOOR & TEST MUD MOTOR
	13:00 - 15:00	2.00	TRP	2	TIH TO 4670', TAG CEMENT
	15:00 - 16:30	1.50	DRL	5	DRILL CEMENT STRINGERS F/ 4670' TO 4703', 4750' TO 4759', SOFT CEMENT TO 4818'
	16:30 - 17:30	1.00	CIRC	1	CIRCULATE SWEEP
	17:30 - 18:30	1.00	TRP	2	TOOH TO SHOE
	18:30 - 21:30	3.00	WOT	1	WAIT ON CEMENT
	21:30 - 22:00	0.50	TRP	2	TIH TO 4818
	22:00 - 00:00	2.00			DRILL INTERMITTENT CEMENT STRINGERS F/4842' TO 4927', 5042' TO 5050', HARD CEMENT F/ 5050' TO 5060'
	00:00 - 06:00	6.00	DRL	7	SIDETRACK #1, TIME DRILL FROM 5060' TO 5065' @ 5 MIN/PER INCH WOB 0-6K, RPM 122, PS 80 PP 920 - CEMENT 90% FORMATION 10%
8/25/2008	06:00 - 11:00	5.00	DRL	7	TIME DRILL F/ 5065' TO 5075' (4 MIN/ INCH 5' & 3 MIN/ INCH 5') WOB STACKED OUT W/ 30K (100% FORMATION @ 5069')
	11:00 - 11:30	0.50	DRL	7	WORK THROUGH KICK OFF TWICE, OK, SURVEY @ 5029' = 1.5 INC & 204.2 AZ
	11:30 - 13:30	2.00	DRL	2	DRILL F/ 5075' TO 5086', WOB 13-18K, RPM 160, PS 85, PP 1200 (100% FORMATION)
	13:30 - 14:30	1.00	CIRC	1	SURVEY @ 5040' = 1.5 INC & 209.5 AZ, MIX & PUMP DRY SLUG
	14:30 - 18:00	3.50	TRP	10	TOOH W/ BIT # 3
	18:00 - 20:30	2.50	TRP	2	CHANGE BITS & TIH W/ BIT # 4
	20:30 - 21:30	1.00	REAM	1	WASH & REAM F/ 4938' TO 5050', SLIDE F/ 5050' TO 5086'
	21:30 - 04:30	7.00	DRL	2	DRILL F/ 5086' TO 5303', WOB 4-10K, ROT 15, RPM 125, PS 75, PP 1300
	04:30 - 06:00	1.50	OTH		CONNECTIONS & SURVEYS
8/26/2008	06:00 - 12:30	6.50	DRL	2	DRILL F/5303' TO 5530' WOB 10, ROT 15, PS 100, PP 1492 SLIDE TO MAINTAIN ANGLE MM .58
	12:30 - 13:00	0.50	RIG	1	RIG SERVICE
	13:00 - 03:30	14.50	DRL	2	DRILL F/5530' TO 5918' WOB 10, ROT 15, PS 100, PP 1590, SLIDE 8' ROTATE 88' MM .58
	03:30 - 04:00	0.50	RIG	2	TIGHTEN SAVER SUB
	04:00 - 06:00	2.00	DRL	2	DRILL F/5918' TO 5958' WOB 10, ROT 15, PS 100, PP 1590 TWO HOURS OFF

Operations Summary Report

Well Name: FR 9P-20-14-20 ST1
Location: 20- 14-S 20-E 26
Rig Name: UNIT

Spud Date: 7/29/2008
Rig Release: 9/25/2008
Rig Number: 236

Date	From - To	Hours	Code	Sub Code	Description of Operations
8/26/2008	04:00 - 06:00	2.00	DRL	2	BIT HOURS FOR SURVEY TIME CAN'T RUN OVER 10000 WOB MOTOR SPIKES
8/27/2008	06:00 - 13:00	7.00	DRL	2	DRILL F/5958' TO 6112' WOB 10, ROT 27, PS 95, PP 1470, MM .58 SLIDE TO MAINTAIN ANGLE SLIDE 8' ROTATE 130'
	13:00 - 13:30	0.50	RIG	1	RIG SERVICE
	13:30 - 04:30	15.00	DRL	2	DRILL F/6112' TO 6373' WOB 10, ROT 5-27, PS 80-95, PP 1350, MM .58 SLIDE TO MAINTAIN ANGLE
	04:30 - 06:00	1.50	OTH		CONNECTION AND SURVEY TIME
8/28/2008	06:00 - 09:00	3.00	DRL	2	DRILL F/6373' TO 6405' WOB 10, ROT 5, PS 80, PP 1250, MM .58
	09:00 - 09:30	0.50	RIG	1	RIG SERVICE
	09:30 - 04:00	18.50	DRL	2	DRILL F/6405' TO 6485' WOB 8-16, ROT 10, PS 80, PP 1260, MM .58 SLIDE TO MAINTAIN ANGLE
	04:00 - 06:00	2.00	TRP	10	PUMP DRY PIPE PILL, TRIP OUT BIT #4
8/29/2008	06:00 - 08:00	2.00	TRP	10	TRIP OUT BIT #4
	08:00 - 09:30	1.50	TRP	1	PULL MWD, LAY DOWN MOTOR AND PICK UP NEW .58, ORIENT TOOLS
	09:30 - 10:00	0.50	OTH		FUNCTION TEST BOP
	10:00 - 14:00	4.00	TRP	10	TRIP IN BIT #5 TEST MOTOR AT HWDP, WASHED 1 STD DOWN AT 5100'
	14:00 - 14:30	0.50	REAM	1	WASH AND REAM LAST STAND TO BOTTOM (PRECAUTIONARY)
	14:30 - 15:30	1.00	DRL	2	DRILL F/6584' TO 6600' WOB 14, ROT 5, PS 80, PP 1400, MM .58
	15:30 - 16:00	0.50	RIG	1	RIG SERVICE
	16:00 - 06:00	14.00	DRL	2	DRILL F/6600' TO 6712' WOB 12, ROT 5, PS 80, PP 1200, MM .58 SLIDE TO MAINTAIN ANGLE
8/30/2008	06:00 - 17:30	11.50	DRL	2	DRILL F/6712' TO 6892' WOB 10-15, ROT 5, PS 80, PP 1400, MM .58 SLIDE 12' ROTATE 52'
	17:30 - 18:00	0.50	RIG	1	RIG SERVICE
	18:00 - 00:30	6.50	DRL	2	DRILL F/6892' TO 6985' WOB 15, ROT 5, PS 80, PP 1400, MM .58 SLIDE TO GET NORTH EAST
	00:30 - 02:00	1.50	RIG	2	CHANGE DIES IN SAVER SUB CLAMP
	02:00 - 05:00	3.00	DRL	2	DRILL F/6985' TO 7010' WOB 8, ROT 0, PS 90, PP 1400 SLIDE TO GET NORTH EAST INCLINATION
	05:00 - 06:00	1.00	OTH		CONNECTION AND SURVEYS
8/31/2008	06:00 - 13:00	7.00	DRL	2	DRILL F/7010' TO 7141' WOB 10, ROT 15, PS 95, PP 1640, MM .58 UNABLE TO SLIDE ROP DROPPED OFF
	13:00 - 18:00	5.00	TRP	10	TRIP OUT BIT #5
	18:00 - 19:30	1.50	TRP	1	LAY DOWN MUD MOTOR AND PICK UP POWER V, REPROGRAM MWD
	19:30 - 21:30	2.00	TRP	10	TRIP IN WITH POWER V TO SHOE
	21:30 - 23:00	1.50	RIG	6	SLIP AND CUT DRILLING LINE
	23:00 - 01:30	2.50	TRP	10	FINISH TRIP IN
	01:30 - 02:00	0.50	REAM	1	WASH AND REAM LAST STAND TO BOTTOM (PRECAUTIONARY)
	02:00 - 06:00	4.00	DRL	1	DRILL WITH POWER V F/9141' TO 7283' WOB 8, ROT 75, PS 90, PP 1670
9/1/2008	06:00 - 12:30	6.50	DRL	1	DRILL WITH POWER V F/7283' TO 7575' WOB 10, ROT 75, PS 90, PP 1530
	12:30 - 13:00	0.50	RIG	1	RIG SERVICE
	13:00 - 17:00	4.00	DRL	1	DRILL F/7575' TO 7780' WOB 10, ROT 75, PS 90, PP 1530 POWER V
	17:00 - 18:00	1.00	OTH		CONNECTION AND SURVEYS
	18:00 - 05:00	11.00	DRL	1	DRILL F/7780' TO 8353' WOB 11, ROT 75, PS 93, PP 1800 POWER V
	05:00 - 06:00	1.00	OTH		CONNECTION AND SURVEYS
9/2/2008	06:00 - 11:00	5.00	DRL	1	DRILL F/8353' TO 8546' WOB 10, ROT 75, PS 90, PP 1740, POWER V
	11:00 - 12:00	1.00	RIG	1	RIG SERVICE, CHANGE ROTATING RUBBER
	12:00 - 04:00	16.00	DRL	1	DRILL F/8546' TO 9227' WOB 10, ROT 75, PS 90, PP 1800, POWER V
	04:00 - 06:00	2.00	OTH		CONNECTIONS AND SURVEYS
9/3/2008	06:00 - 12:30	6.50	DRL	1	DRILL F/9227' TO 9518' WOB 10, ROT 75, PS 90, PP 1875 POWER V
	12:30 - 13:00	0.50	RIG	1	RIG SERVICE
	13:00 - 21:30	8.50	DRL	1	DRILL F/9518' TO 9907' WOB 10, ROT 75, PS 93, PP 1910, POWER V BUILDING ANGLE

Operations Summary Report

Well Name: FR 9P-20-14-20 ST1
Location: 20- 14-S 20-E 26
Rig Name: UNIT

Spud Date: 7/29/2008
Rig Release: 9/25/2008
Rig Number: 236

Date	From - To	Hours	Code	Sub Code	Description of Operations
9/3/2008	21:30 - 22:30	1.00	OTH		CONNECTIONS AND SURVEYS
	22:30 - 04:30	6.00	TRP	2	PUMP DRY PIPE PILL AND TRIP OUT BIT #6
	04:30 - 06:00	1.50	TRP	1	PULL MWD, LAY DOWN POWER V, PICK UP .32 MOTOR ADJUSTT TO 1.83 ORIENT TOOLS
9/4/2008	06:00 - 06:30	0.50	BOP	2	FUNCTION TEST BOP
	06:30 - 07:00	0.50	OTH		MOVE DRILL COLLARS IN DERRICK
	07:00 - 08:00	1.00	DRL	3	ORIENT DIRRECTIONAL TOOLS
	08:00 - 14:00	6.00	TRP	1	TRIP IN TEST MWD AT 4000' PICK UP 11 JTS OF DRILL PIPE
	14:00 - 14:30	0.50	REAM	1	WASH AND REAM LAST STD TO BOTTOM (PRECAUTIONARY)
	14:30 - 16:30	2.00	DRL	2	DRILL F/9907' TO 9972' WOB 8, ROT 20, PS 95, PP 1950, MM .26 SLIDE 10' ROTATE 54' TO DROP ANGLE
	16:30 - 17:00	0.50	RIG	1	RIG SERVICE
	17:00 - 04:30	11.50	DRL	2	DRILL F/9972' TO 10427' WOB 10, ROT 20, PS 95, PP 1900, MM .26 SLIDE 10' ROTATE 22' TO DROP ANGLE
	04:30 - 06:00	1.50	OTH		CONNECTIONS AND SURVEYS
9/5/2008	06:00 - 12:30	6.50	DRL	2	DRILL F/10427' TO 10566' WOB 8, PS 95, PP 1860, ROT 20, MM .26 SLIDE 10' ROTATE 22' TO DROP ANGLE
	12:30 - 13:00	0.50	RIG	1	RIG SERVICE
	13:00 - 03:30	14.50	DRL	2	DRILL F/10566' TO 10945' WOB 10, ROT 20, PS 95, PP 2050 SLIDE 10' ROTATE 22' TO DROP ANGLE THROUGH MANCOS ROTATE THROUGH DAKOTA BUILDING .1 DEGREE PER 30'
	03:30 - 06:00	2.50	OTH		CONNECTIONS AND SURVEYS
9/6/2008	06:00 - 12:30	6.50	DRL	2	DRILL F/10945' TO 11024' WOB 16, ROT 10-20, PS 95, PP 1840, MM .26 SLIDE TO MAINTAIN ANGLE
	12:30 - 18:00	5.50	TRP	10	PUMP PILL TRIP OUT BIT #7
	18:00 - 20:00	2.00	OTH		LAY DOWN EM TOOL AND MOTOR PICK UP POSITIVE PULSE AND NEW MOTOR ORIENT TO SURFACE TEST
	20:00 - 00:30	4.50	ISP	1	INSPECT BHA
	00:30 - 01:30	1.00	OTH		CHANGE SAVER SUB FOR PIPE SCREEN TEST FOR NOISE FROM AGITATOR
	01:30 - 06:00	4.50	TRP	10	TRIP IN TO 10570' TO LOG DOWN TO 11024'
9/7/2008	06:00 - 06:30	0.50	TRP	10	TRIP IN TO 10591'
	06:30 - 08:00	1.50	LOG	1	LOG LWD FROM 10591' TO 10688'
	08:00 - 09:00	1.00	RIG	2	REPLACE DIES IN CLAMP ON SAVER SUB
	09:00 - 14:30	5.50	LOG	1	LWD GAMMA F/10688' TO 11024'
	14:30 - 05:00	14.50	DRL	2	DRILL F/11024' TO 11222' WOB 20, ROT 15, PS 90, PP 1950, MM .26 SLIDE TO MAINTAIN ANGLE SLIDES HANGING UP HARD TO HOLD TOOL FACE
	05:00 - 06:00	1.00	OTH		CONNECTION AND SURVEYS
9/8/2008	06:00 - 09:30	3.50	DRL	2	DRILL F/11222' TO 11253' WOB 20, ROT 15, PS 90, PP 1950, MM .26 SLIDE TO DROP ANGLE UNABLE TO HOLD TOOL FACE
	09:30 - 14:30	5.00	TRP	2	TRIP OUT BIT #8
	14:30 - 15:00	0.50	OTH		FUNCTION TEST BOP
	15:00 - 16:00	1.00	DRL	3	PICK UP DSX711 DIAL MOTOR TO 1.83 ORIENT TOOLS
	16:00 - 21:00	5.00	TRP	2	TEST MWD, TRIP IN BIT #9
	21:00 - 21:30	0.50	REAM	1	WASH AND REAM LAST STD TO BOTTOM (PRECAUTIONARY)
	21:30 - 05:00	7.50	DRL	2	DRILL F/11253' TO 11323' WOB 16, ROT 15, PS 90, PP 1950, MM .26 SLIDE TO DROP ANGLE
	05:00 - 06:00	1.00	OTH		CONNECTION AND SURVEYS
9/9/2008	06:00 - 12:30	6.50	DRL	2	DRILL F/ 11323' TO 11420', WOB 19K, ROT 15, PS 90, PP 1950, MM .26, SLIDE AS NEEDED TO DROP ANGLE (SLIDE 20 FT ROTATE 77 FT)
	12:30 - 13:00	0.50	RIG	1	RIG SERVICE
	13:00 - 02:30	13.50	DRL	2	DRILL F/ 11420' TO 11583', WOB 19K, ROT 15, PS 90, PP 1950, MM .26, SLIDE AS NEEDED TO DROP ANGLE (SLIDE 32 FT - ROTATE 131 FT)
	02:30 - 03:00	0.50	CIRC	5	CIRCULATE BOTTOMS UP SAMPLE

Operations Summary Report

Well Name: FR 9P-20-14-20 ST1
Location: 20- 14-S 20-E 26
Rig Name: UNIT

Spud Date: 7/29/2008
Rig Release: 9/25/2008
Rig Number: 236

Date	From - To	Hours	Code	Sub Code	Description of Operations
9/9/2008	03:00 - 05:00	2.00	DRL	2	DRILL F/ 11583' TO 11615', WOB 19K, ROT 15, PS 90, PP 1950, MM .26, SLIDE AS NEEDED
	05:00 - 06:00	1.00	OTH		CONNECTIONS & SURVEYS
9/10/2008	06:00 - 06:30	0.50	DRL	2	DRILL F/ 11615' TO 11618' (CORE POINT) WOB 19K, ROT 15, PS 90, PP 2000, MM .26
	06:30 - 07:00	0.50	OTH		CONNECTION & SURVEY @ 11568' = .3 INC & 6.7 AZ
	07:00 - 08:00	1.00	CIRC	7	CIRCULATE BOTTOMS UP SAMPLE
	08:00 - 14:30	6.50	TRP	2	TOOH W/ BIT # 9 (SLM 12 FT DIFFERENCE)
	14:30 - 15:30	1.00	TRP	1	LAY DOWN DIRECTIONAL TOOLS
	15:30 - 16:30	1.00	OTH		CHANGE OUT SAVER SUB
	16:30 - 18:00	1.50	TRP	1	PICK UP CORE TOOLS (60FT CORE BBL)
	18:00 - 20:30	2.50	TRP	2	TIH W/ CORE # 1 RUN # 1 TO CASING SHOE
	20:30 - 22:00	1.50	RIG	6	SLIP & CUT DRILL LINE
	22:00 - 00:00	2.00	RIG	2	REPLACE DRAWWORKS DRIVE CHAIN
	00:00 - 04:00	4.00	TRP	2	TIH TO 11554' (SLM 1 FT DIFFERENCE - NO CHANGE)
	04:00 - 05:00	1.00	REAM	1	SAFETY WASH & REAM TO 11618'
	05:00 - 06:00	1.00	GEO	2	CORE # 1 F/ 11618' TO 11625'
9/11/2008	06:00 - 14:00	8.00	GEO	2	CORE F/ 11625' TO 11680', WOB 9K, ROT 70, PS 70, PP 1050 (TOTAL CORED 60')
	14:00 - 14:30	0.50	OTH		BREAK OFF CORE & PULL 1 STAND, PUMP DRY SLUG
	14:30 - 15:00	0.50	RIG	1	RIG SERVICE
	15:00 - 20:30	5.50	TRP	2	TOOH W/ CORE # 1 RUN # 1
	20:30 - 21:30	1.00	TRP	1	LAY DOWN CORE (RECOVER 100% - 60' CORE) PICK UP NEW INNER BBL
	21:30 - 02:30	5.00	TRP	2	TIH W/ CORE # 2 RUN # 2
	02:30 - 03:30	1.00	REAM	1	SAFETY WASH & REAM F/ 11554' TO 11680'
	03:30 - 06:00	2.50	GEO	2	CORE F/ 11680' TO 11697', WOB 9K, ROT 70, PS 70, PP 1050
9/12/2008	06:00 - 13:30	7.50	GEO	2	CORE F/ 11697' TO 11741', WOB 9-12K, ROT 70, PS 70, PP 1090 (CORE TOTAL 61')
	13:30 - 14:00	0.50	OTH		BREAK OFF CORE & PUMP DRY SLUG
	14:00 - 19:30	5.50	TRP	2	TOOH W/ CORE # 2 RUN # 2
	19:30 - 20:30	1.00	OTH		LAY DOWN CORE & PICK UP INNER BBL (RECOVER 61' CORE 100%)
	20:30 - 01:30	5.00	TRP	2	TIH W/ CORE # 3 RUN # 3 TO 11664'
	01:30 - 02:30	1.00	REAM	1	WASH & REAM F/ 11664' TO 11741' - 87'
	02:30 - 06:00	3.50	GEO	2	CORE F/ 11741' TO 11775', WOB 12-14K, ROT 70, PS 70, PP 1000 (CORE 34')
9/13/2008	06:00 - 08:30	2.50	GEO	2	CORE F/ 11775' TO 11803', WOB 12-16K, ROT 70, PS 70, PP 1100 (CORE TOTAL 62')
	08:30 - 09:00	0.50	OTH		BREAK OFF CORE & PUMP DRY SLUG
	09:00 - 14:00	5.00	TRP	2	TOOH W/ CORE # 3 RUN # 3
	14:00 - 14:30	0.50	OTH		LAY DOWN CORE & PICK UP INNER BBL (RECOVER 55.1' CORE LOST 6.9' - 93% RECOVERY)
	14:30 - 15:00	0.50	RIG	1	RIG SERVICE
	15:00 - 16:00	1.00	TRP	2	TIH W/ CORE # 4 RUN # 4
	16:00 - 16:30	0.50	RIG	2	CHANGE QUICK RELEASE HIGH DRUM CLUTCH
	16:30 - 20:30	4.00	TRP	2	CONTINUE TIH
	20:30 - 22:00	1.50	REAM	1	SAFETY WASH & REAM 1 STAND, CIRCULATE OUT GAS
	22:00 - 04:00	6.00	GEO	2	CORE F/ 11803' TO 11853', WOB 14K, ROT 70, PS 70, PP1000 TOTAL (CORED 50' & MILL OVER 6.9' STUMP)
	04:00 - 04:30	0.50	OTH		BREAK OFF CORE & PUMP DRY SLUG
	04:30 - 06:00	1.50	TRP	2	TOOH W/ CORE # 4 RUN # 4 @ 9000'
9/14/2008	06:00 - 09:30	3.50	TRP	2	FINISH TOOH W/ CORE # 4
	09:30 - 10:00	0.50	OTH		LAY DOWN CORE & PICK UP INNER BBL (CORED 50' RECOVER 50' 100% PLUS 1.2' OF 6.9' LOST CORE # 3)
	10:00 - 10:30	0.50	RIG	1	RIG SERVICE

Operations Summary Report

Well Name: FR 9P-20-14-20 ST1
Location: 20- 14-S 20-E 26
Rig Name: UNIT

Spud Date: 7/29/2008
Rig Release: 9/25/2008
Rig Number: 236

Date	From - To	Hours	Code	Sub Code	Description of Operations
9/14/2008	10:30 - 15:00	4.50	TRP	2	TIH W/ CORE # 5 RUN # 5 TO 11780'
	15:00 - 16:30	1.50	REAM	1	SAFETY WASH & REAM 73' TO 11853', CIRCULATE OUT GAS
	16:30 - 22:30	6.00	GEO	2	CORE # 5 F/ 11853' TO 11892' WOB 14K, ROT 70, PS 70, PP 1050, CORE JAMMED
	22:30 - 23:00	0.50	OTH		BREAK OFF CORE & PUMP DRY SLUG
	23:00 - 04:30	5.50	TRP	2	TOOH W/ CORE # 5
	04:30 - 05:30	1.00	OTH		LAY DOWN CORE # 5 & PICK UP INNER BBL (CORED 39.8' CUTTING CORE)
	05:30 - 06:00	0.50	TRP	2	TIH W/ CORE # 6
9/15/2008	06:00 - 07:00	1.00	TRP	2	TIH W/ CORE # 6 TO SHOE
	07:00 - 08:00	1.00	RIG	6	SLIP & CUT DRILL LINE
	08:00 - 08:30	0.50	RIG	1	RIG SERVICE
	08:30 - 11:00	2.50	TRP	2	FINISH TIH TO 11845'
	11:00 - 12:30	1.50	REAM	1	SAFTY WASH & REAM TO 11892.8' (48') CIRCULATE OUT GAS
	12:30 - 17:30	5.00			CORE # 6 F/ 11892.8' TO 11955', WOB 10K, ROT 70, PS 70, PP 1000 (CORED 62')
	17:30 - 18:00	0.50	OTH		BREAK OFF CORE & PUMP DRY SLUG
	18:00 - 22:30	4.50	TRP	2	TOOH W/ CORE # 6
	22:30 - 23:30	1.00	OTH		LAY DOWN CORE # 6 & PICK UP INNER BBL (RECOVER 15 FT CORE - 24%, 47' CORE LEFT IN HOLE)
	23:30 - 04:00	4.50	TRP	2	TIH W/ CORE # 7 TO 11878'
	04:00 - 05:30	1.50	REAM	1	SAFTY WASH & REAM TO 11908', CIRCULATE OUT GAS
	05:30 - 06:00	0.50			WASH OVER 47' CORE LEFT IN HOLE
9/16/2008	06:00 - 08:00	2.00	GEO	2	CORE # 7 F/ 11955' TO 11969', WOB 9K, ROT 70, PS 70, PP 1000 (CORED 14 FT)
	08:00 - 08:30	0.50	OTH		BREAK OFF CORE & PUMP DRY SLUG
	08:30 - 12:30	4.00	TRP	2	TOOH W/ CORE # 7
	12:30 - 15:30	3.00	OTH		LAY DOWN CORE, FOUND UPPER INNER BARREL PARTED FROM LOWER INNER BBL (THREADS BROKE) LAY CORE BBL DOWN ON CATWALK, BREAK BIT & PULL LOWER CORE, P/U CORE BBL & INSTALL INNER BBL (CORED 14' RECOVERED 14') NO RECOVERY OF CORE # 6 LEFT IN HOLE
	15:30 - 20:00	4.50	TRP	2	TIH W/ CORE # 8 TO 11940'
	20:00 - 21:30	1.50	CIRC	1	SAFTY WASH & REAM TO 11969', CIRCULATE OUT GAS
	21:30 - 03:30	6.00	GEO	2	CORE F/ 11969' TO 11991', WOB 10-12K, ROT 70, PS 70, PP 1000 (CORED 22 FT)
	03:30 - 04:00	0.50	OTH		BREAK OFF CORE & PUMP DRY SLUG
	04:00 - 06:00	2.00	TRP	2	TOOH W/ CORE # 8
9/17/2008	06:00 - 09:00	3.00	TRP	2	FINISH TOOH W/ CORE # 8
	09:00 - 10:30	1.50	OTH		LAY DOWN COR # 8 CUT & RECOVER 22' CORE 100%
	10:30 - 11:00	0.50	OTH		LAY DOWN CORE BARREL & TOOLS
	11:00 - 11:30	0.50	OTH		PULL WEAR BUSHING
	11:30 - 15:30	4.00	BOP	2	R/U B&C QUICK TEST & TEST BOP
	15:30 - 16:00	0.50	OTH		INSTALL WEAR BUSHING
	16:00 - 16:30	0.50	RIG	1	RIG SERVICE
	16:30 - 21:30	5.00			TIH W/ BIT # 13 TO 11860
	21:30 - 22:30	1.00	REAM	1	WASH & REAM F/ 11860' TO 11991'
	22:30 - 06:00	7.50	DRL	1	DRILL F/ 11991' TO 12080', WOB 17, ROT 90, PS 95, PP 1250
9/18/2008	06:00 - 10:30	4.50	DRL	1	DRILL F/ 12080' TO 12124', WOB 19K, ROT 90, PS 95, PP 1280
	10:30 - 11:00	0.50	RIG	1	RIG SERVICE
	11:00 - 23:00	12.00	DRL	1	DRILL F/ 12124' TO 12180', WOB 20K, ROT 90, PS 95, PP 1290
	23:00 - 00:00	1.00	SUR	1	CIRCULATE, DROP SURVEY & PUMP DRY SLUG
	00:00 - 05:00	5.00	TRP	10	TOOH W/ BIT # 13
	05:00 - 06:00	1.00	TRP	1	RETRIEVE SURVEY, CHANGE BITS, P/U .26 MUD MOTOR & SURFACE TEST
9/19/2008	06:00 - 10:00	4.00	TRP	10	TIH W/ BIT # 14 TO 12150'
	10:00 - 10:30	0.50	REAM	1	WASH & REAM F/ 12150' TO 12180'
	10:30 - 16:30	6.00	DRL	1	DRILL 6-1/2" HOLE W/ .26 MUD MOTOR & PDC BIT F/ 12180' TO 12247', WOB

Operations Summary Report

Well Name: FR 9P-20-14-20 ST1
Location: 20- 14-S 20-E 26
Rig Name: UNIT

Spud Date: 7/29/2008
Rig Release: 9/25/2008
Rig Number: 236

Date	From - To	Hours	Code	Sub Code	Description of Operations
9/19/2008	10:30 - 16:30	6.00	DRL	1	14K, ROT 25, RPM 90, PS 95, PP 1600
	16:30 - 17:00	0.50	RIG	1	RIG SERVICE
	17:00 - 05:30	12.50	DRL	1	DRILL F/ 12247' TO 12388', WOB 14-18K, ROT 25-40, RPM 90-105, PS 95, PP 1600
	05:30 - 06:00	0.50	OTH		CONNECTIONS & SPR
9/20/2008	06:00 - 11:00	5.00	DRL	1	DRILL F/12388' TO 12440', WOB 14-18K, ROT 25, RPM 90, PS 95, PP 1600
	11:00 - 12:00	1.00	CIRC	5	CIRCULATE BOTTOMS UP SAMPLE
	12:00 - 14:00	2.00	TRP	14	SHORT TRIP 15 STANDS
	14:00 - 14:30	0.50	REAM	1	WASH & REAM LAST STAND (PRECAUTIONARY)
	14:30 - 17:30	3.00	CIRC	1	CIRCULATE & CONDITION MUD
	17:30 - 18:00	0.50	SUR	1	DROP SURVEY & PUMP DRY SLUG
	18:00 - 00:30	6.50	TRP	2	TOOH F/ WIRELINE LOGS (SLM) 2.9' DIFFERENCE - NO CHANGE
	00:30 - 02:00	1.50	WOT	4	WAIT ON HALLIBURTON WIRELINE TRUCK
	02:00 - 06:00	4.00	LOG	1	SAFTY MEETING, R/U HALLIBURTON LOGGERS & RIH W/ RUN # 1 QUAD COMBO - LOGGERS DEPTH 12439'
9/21/2008	06:00 - 10:30	4.50	LOG	1	FINISH LOGGING RUN # 1, LAY DOWN TOOLS & RIG DOWN (DATA NOT GOOD FROM TD TO TOP OF WINGATE)
	10:30 - 12:00	1.50	TRP	1	CLEAN FLOOR & L/D NMDC & MUD MOTOR, P/U BIT # 14
	12:00 - 13:30	1.50	RIG	2	CHANGE OUT TORQUE SENSOR UNIT & ATTEMPT TO RESET, UNABLE TO USE TRU-TORQUE
	13:30 - 15:00	1.50	TRP	15	TIH TO 3800'
	15:00 - 16:30	1.50	RIG	6	SLIP & CUT DRILL LINE
	16:30 - 20:00	3.50	TRP	2	TIH TO 12060'
	20:00 - 21:00	1.00	REAM	1	WASH & REAM LAST 4 STANDS x 2 TO 12440'
	21:00 - 22:30	1.50	CIRC	1	PUMP SWEEP & CIRCULATE
	22:30 - 04:00	5.50	TRP	2	TOOH F/ WIRELINE LOGS
	04:00 - 06:00	2.00	LOG	1	SAFETY MEETING, R/U HALLIBURTON LOGGERS & RIH W/ RUN # 2 QUAD COMBO (WILL LOG F/ TD TO 10500' POOH & RUN # 3 CSNG XRMI)
9/22/2008	06:00 - 11:00	5.00	LOG	1	FINISH LOGGING W/ QUAD COMBO & CHANGE OUT TOOLS
	11:00 - 18:00	7.00	LOG	1	RIH W/ CSNGXRMI, RUN # 3 TO 8000', TOOL SHORTED OUT, POOH & CHANGE OUT CABLE HEAD & TELEMETRY- D4, RIH & TEST -CSNG TOOL NOT WORKING
	18:00 - 03:00	9.00	LOG	1	RIH W/ XRMI TOOL, RUN # 4 & LOG F/ TD TO 6000'
	03:00 - 04:00	1.00	LOG	1	RIG DOWN LOGGERS
	04:00 - 05:00	1.00	TRP	2	TIH W/ BIT # 15
9/23/2008	06:00 - 09:00	3.00	TRP	15	TRIP IN TO CIRCULATE FOR CASING
	09:00 - 09:30	0.50	REAM	1	WASH AND REAM LAST STD TO BOTTOM (PRECAUTIONARY)
	09:30 - 14:30	5.00	CIRC	1	CIRCULATE AND WAIT ON ORDERS
	14:30 - 00:00	9.50	TRP	3	LDDP
	00:00 - 02:00	2.00	TRP	3	TRIP IN DC AND LAY DOWN DC
	02:00 - 02:30	0.50	OTH		PULL WEAR BUSHING
	02:30 - 04:30	2.00	CSG	1	RIG UP CASING CREW
	04:30 - 06:00	1.50	CSG	2	RUN CASING FLOAT SHOE, ONE JT CASING, FLOAT COLLAR
9/24/2008	06:00 - 16:00	10.00	CSG	2	RUN CASING, 264 JTS OF HCP-110, #13.5, LT&C CASING WITH 10 MARKER JTS PLACED EVERY 1000' WITH FLOAT SHOE ONE JT CSG AND FLOAT COLLAR SET AT 12426' KB
	16:00 - 06:00	14.00	CIRC	1	CIRCULATE, WAIT ON HALLIBURTON
9/25/2008	06:00 - 14:00	8.00	CIRC	1	CIRCULATE, WAIT ON HALLIBURTON
	14:00 - 16:30	2.50	CMT	1	SET SLIPS, CIRCULATE THROUGH B SECTION RIG UP HALLIBURTON
	16:30 - 20:30	4.00	CMT	2	HELD SAFETY MEETING, HEAD UP AND PRESSURE TEST LINES PUMP 10 BBLS FRESH WATER, 30 BBLS SUPERFLUSH, 10 BBLS WATER, 71 BBLS OF 9.5 PPG FOAMED LEAD CEMENT, 123 BBLS OF 11 PPG FOAMED SECOND LEAD CEMENT, 29 BBLS OF 14.3 PPG NO FOAM CEMENT, DISPLACED WITH

Operations Summary Report

Well Name: FR 9P-20-14-20 ST1
Location: 20- 14-S 20-E 26
Rig Name: UNIT

Spud Date: 7/29/2008
Rig Release: 9/25/2008
Rig Number: 236

Date	From - To	Hours	Code	Sub Code	Description of Operations
9/25/2008	16:30 - 20:30	4.00	CMT	2	181 BBLS OF CLAYFIX WATER, BUMPED PLUG 500 PSI OVER CIRCULATING PRESSURE HELD PRESSURE FOR 30 MIN. BLED OFF FLOATS HELD, PUMPED 42 BBLS OF 15.8 PPG CAP CEMENT, GOOD RETURNS THROUGH OUT JOB NITROGEN TO SURFACE PLUG DOWN 19:37, 9/24/2008
	20:30 - 21:00	0.50	CMT	1	RIG DOWN HALLIBURTON
	21:00 - 06:00	9.00	BOP	1	NIPPLE DOWN AND CUT CASING, CLEAN MUD TANKS, RIG RELASE @ 06:00 9/25/2008

43-047-39461

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Operations Summary Report - COMPLETION

Well Name: FR 9P-20-14-20 ST1
Location: 20- 14-S 20-E 26
Rig Name: BASIN WELL SEREVICE

Spud Date: 7/29/2008
Rig Release:
Rig Number: 3

Date	From - To	Hours	Code	Sub Code	Description of Operations
11/18/2008	06:00 - 16:00	10.00	BOP	1	"TIGHT HOLE" Initial completion report: On 11/14/08 MIRU Basin Well Service. SDFW. On 11/17/08 SICP=0#. NU single ram BOP on top fo frac head assembly. Tally and rabbit in the hole with a 3-3/4" mill and 2-3/8" EUE 8rd 4.7# used P-110 tbg.to 6400'. SIFN. On 11/18/08 will continue to RIH with tbg.to PBTD and circ.hole with 2% KCL water. CASING SIZE: 4-1/2" 13.5# HCP-11 CASING DEPTH: 12425' FC@ 12377'
11/19/2008	06:00 - 16:00	10.00	LOC	2	"TIGHT HOLE" Initial completion report: On 11/18/08 SITP and SICP=0#. Continue to tally and rabbit in the hole with 2-3/8" P-110 tbg.and 3-3/4" mill and tag PBTD AT 12377'. Circ.hole with 2% KCL water. POOH with tbg.and mill and csg scraper. SIFN. On 11/19/08 will run a CBL log and perforate initial zones. CASING SIZE: 4-1/2" 13.5# HCP-11 CASING DEPTH: 12425' FC@ 12377'
11/20/2008	06:00 - 16:00	10.00	PERF	2	"TIGHT HOLE" On 11/19/08 SICP=0#. MIRU Cased Hole Solutions and ran a CBL/VDL/GR log from tag at 12316' to 3900' with top of cement est.at 4420'. Correlated to Halliburton Density log dated 9/20/08 run #1. Pressure test csg.and frac head assembly and flow back manifold to 8200# and held OK. Perforate per the CLB log dated 11/19/08 the following Entrada intervals at 3 JPF and 120° phasing using a 2-3/4" csg.gun: 11739-47'; 11759-61'; 11769-71'; 11815-17' & 11850-52' (48 holes). Hole was full prior to and after perforating and no blow or vacuum after perforating. SIFN. RDMO Cased Hole Solutions. On 11/20/08 will RIH with packer and tbg.and break down the perfs.and swab. CASING SIZE: 4-1/2" 13.5# HCP-11 CASING DEPTH: 12425' FC@ 12377' Perfs: Zone #1: (11/19/08)--Entrada: 11739-47'; 11759-61'; 11769-71' 11815-17';11850-52' (48 holes).
11/21/2008	06:00 - 16:00	10.00	DEQ	2	"TIGHT HOLE" On 11/20/08 SICP=0#. RIH with ret.packer and tbg.and set packer at 11675'. Test packer to 500# and OK Break down Entrada perfs.11739-11852'. down tbg.with a break at 1800# and pump 10 bbl.of 2% KCL water at 1-1/2 BPM at 2000#. Bled down with in 2 minutes. RU swab. IFL at surface. Make 10 swab runs and recovered 67 bbl.of water with some gas cut with FFL at 7600' while pulling from 9600'. Have recovered 7 bbl.over load. RD swab and SIFN. On 11/21/08 will obtain a gas sample and continue to swab. CASING SIZE: 4-1/2" 13.5# HCP-11 CASING DEPTH: 12425' FC@ 12377' Minus daily recovery: 67 Plus water today: 60 LLTR: 7 over.

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Operations Summary Report

Well Name: FR 9P-20-14-20 ST1
Location: 20- 14-S 20-E 26
Rig Name: BASIN WELL SEREVICE

Spud Date: 7/29/2008
Rig Release:
Rig Number: 3

Date	From - To	Hours	Code	Sub Code	Description of Operations
11/21/2008	06:00 - 16:00	10.00	DEQ	2	Perfs: Zone #1: (11/19/08)--Entrada: 11739-47'; 11759-61'; 11769-71' 11815-17';11850-52' (48 holes). "TIGHT HOLE" Testing Entrada perfs. 11739-11852' On 11/21/08 SITP=10# and SICP=0# with packer set at 11875#. Obtain gas sample and sample idicated air. Bled off tbg.and RU swab. IFL at 7100'. Make a total of 6 swab runs and recovered 16 bbl.of water with gas fumes with the final run dry while pulling from the "F" nipple at 11640' and FFL at 11600'. RD swab and SIFW. On 11/24/08 will acidize the above Entrada Interval. CASING SIZE: 4-1/2" 13.5# HCP-11 CASING DEPTH: 12425' FC@ 12377' Load from yesterday: 7 over Minus daily recovery: 18 LLTR: 23 over
11/24/2008	06:00 - 16:00	10.00	DEQ	2	
11/25/2008	06:00 - 16:00	10.00	SWAB	1	Perfs: Zone #1: (11/19/08)--Entrada: 11739-47'; 11759-61'; 11769-71' 11815-17';11850-52' (48 holes). "TIGHT HOLE" Testing Entrada perfs. 11739-11852' On AM of 11/24/08 SITP=200# and SICP=0# with packer set at 11675'. Bled off tbg.with no fluid recovery and RU swab. IFL at 8300'. Make 3 swab runs and recovered 14 bbl.of water with gas fumes and swabbed tbg.dry. MIRU Superior acid crew and acidize gross preforated Entrada interval 11739-11852' down tbg.using 2000 gal.of 15% HCL and 75-7/8" Bio-balls. Flush with 60 bbl.of 2% KCL water. Total load of 110 bbl..Max.and ave.rate-=3 BPM; Pressure prior to balls hitting was 3420# and after balls were on had a final rate of 3 BPMat 3500#. ISIP=1490#. SI the well and RDMO Superior. After 10 minutes SITP-100#. Flowed back 5 bbl.of water and tbg.died. RU swab. IFL at surface. Make 14 swab runs and recovered 69 bbl.of slight gas cut water with a final PH=6 and FFL at 7200'. Pulling from 9200' on the last run. RD swab and SIFN. On AM of 11/15/08 SITP=400# and SICP=0#. Will continue to swab today. LLR from the acid job of today is 41 bbl. CASING SIZE: 4-1/2" 13.5# HCP-11 CASING DEPTH: 12425' FC@ 12377' Load from yesterday: 23 over Minus daily recovery: 83 Plus water today: 110 41 LLR from acid job Prior to acid job had 37 over. Perfs: Zone #1: (11/19/08)--Entrada:

Operations Summary Report

Well Name: FR 9P-20-14-20 ST1
Location: 20- 14-S 20-E 26
Rig Name: BASIN WELL SEREVICE

Spud Date: 7/29/2008
Rig Release:
Rig Number: 3

Date	From - To	Hours	Code	Sub Code	Description of Operations
11/25/2008	06:00 - 16:00	10.00	SWAB	1	11739-47'; 11759-61'; 11769-71' 11815-17';11850-52' (48 holes). "TIGHT HOLE" Testing Entrada perfs. 11739-11852' On AM of 11/25/08 SITP=400# and SICP=0# with packer set at 11675'. Bled off tbg.with no fluid recovery. RU swab. IFL at 5500'. Make 13 swab runs and recovered 80 bbl.of water with gas fumes to lite gas with FFL at 11640' and make 2 additional runs with no fluid recovery while pulling from the "F" nipple at 11640'. Final PH=7. Took a water sample. Have recovered 39 bbl.over load from the acid job. On AM of 11/26/08 SITP=600'. SICP=0#. Bled off tbg.with no fluid recovery. RU swab. IFL at 5500'. Will swab this AM and run BHP bombs over the holiday weekend. CASING SIZE: 4-1/2" 13.5# HCP-11 CASING DEPTH: 12425' FC@ 12377' Perfs: Zone #1: (11/19/08)--Entrada: 11739-47'; 11759-61'; 11769-71' 11815-17';11850-52' (48 holes).
11/26/2008	06:00 - 16:00	10.00	DEQ	2	"TIGHT HOLE" Testing Entrada perfs. 11739-11852' On AM of 11/25/08 SITP=400# and SICP=0# with packer set at 11675'. Bled off tbg.with no fluid recovery. RU swab. IFL at 5500'. Make 13 swab runs and recovered 80 bbl.of water with gas fumes to lite gas with FFL at 11640' and make 2 additional runs with no fluid recovery while pulling from the "F" nipple at 11640'. Final PH=7. Took a water sample. Have recovered 39 bbl.over load from the acid job. On AM of 11/26/08 SITP=600'. SICP=0#. Bled off tbg.with no fluid recovery. RU swab. IFL at 5500'. Will swab this AM and run BHP bombs over the holiday weekend. CASING SIZE: 4-1/2" 13.5# HCP-11 CASING DEPTH: 12425' FC@ 12377' Perfs: Zone #1: (11/19/08)--Entrada: 11739-47'; 11759-61'; 11769-71' 11815-17';11850-52' (48 holes).
12/1/2008	06:00 - 16:00	10.00	SWAB	1	"TIGHT HOLE" Testing Entrada perfs. 11739-11852' On 11/26/08 SITP=600# and SICP=0# with packer set. Bled off tbg.with no fluid recovery. RU swab. IFL at 5500'. Make 4 runs and rec.24 bbl.of water with slight gas vapors with FFL at 8100'. RD swab and MIRU PLS Wireline and ran tandem BHP bombs and set in the "F" nipple. SI the well until AM of 12/1/08 when the bombs will be pulled, packer released and a CIBP will be set above the Entrada perfs.and additional zones will be perforated. On AM of 12/1/08 SITP=1000# and SICP=0# with packer set. On 11/26/08 obtained a gas sample from the above Entrada intervals with the following results: N2=5.06; CO2=13.99; Methane=76.8; BTU=875.85; Grav=0.7463 CASING SIZE: 4-1/2" 13.5# HCP-11 CASING DEPTH: 12425' FC@ 12377' 63 bbl.over from acid job acid job prior to acid job had 37 over. Perfs: Zone #1: (11/19/08)--Entrada: 11739-47'; 11759-61'; 11769-71' 11815-17';11850-52' (48 holes).
12/2/2008	06:00 - 16:00	10.00	PERF	2	"TIGHT HOLE" - Completion On 12/1/08 SITP = 1000# & SICP = 0# w/ pkr set. POOH w/ BHP pressure bombs after making gradient stops and RDMO PLS WL. Bled down tbg & load tbg w/ 30 bbls of 2% KCL water. Release pkr & POOH w/ pkr & tbg. ND ram BOP & NU top valve of frac head. MIRU Cased Hole Solutions WL & set a 4-1/2" CIBP @ 11710'. Perforate the following intervals using a 2-3/4" csg gun @ 3 JPF & 120* phasing per the CBL log dated 11/19/08: Dakota Silt = 10740-45' & 10754' - 59'; Cedar Mtn = 10824-26' (32 holes). No change in pressure or fluid level with IFL @ 500'. RDMO Cased Hole

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Operations Summary Report

Well Name: FR 9P-20-14-20 ST1
Location: 20- 14-S 20-E 26
Rig Name: BASIN WELL SEREVICE

Spud Date: 7/29/2008
Rig Release:
Rig Number: 3

Date	From - To	Hours	Code	Sub Code	Description of Operations
12/2/2008	06:00 - 16:00	10.00	PERF	2	Solutions & SIFN. 24 Hour Forecast: Will frac the above intervals. CSG SIZE: 4-1/2", 13.5#, HCP-11 CSG DEPTH: 12425' - FC @ 12377' 63 bbl.over from acid job acid job prior to acid job had 37 over. Perfs: Zone #1: (11/19/08)--Entrada: 11739-47'; 11759-61'; 11769-71' 11815-17';11850-52' (48 holes) Zone #2: Dakota Silt: 10614-18'; Dakota: 10740-45'; 10754-59'; Cedar Mtn: 10824-26'
12/3/2008	06:00 - 16:00	10.00	STIM	2	"TIGHT HOLE" - Completion On 12/2/08 SICP-20#. MIRU Halliburton frac crew and frac gross perforated Dakota Silt, Dakota and Cedar Mtn. Intervals 10014-10020' down 4-1/2" csg.using a 40# Prugell III 70% CO2 2% KCO water system as follows: Load hole with 25 bbl.of 2% KCL water and breakdown at 4460# and pump 600 gal.of 15% HCL followed by a 1500 gal.pre-pad and pump a 6900 gal.foam pad andstage 1-3 ppg CRC 20/40 sand stages in 13800 gal.of fluid and flush with a total of 3192 gal.of fluid (6711 gal.of foam and fluid). Flushed succesfully after cutting sand early. Total of 656 bbl.of fluid and a total of 74200# of sand. Max.rate=41.3 BPM; Ave=36.1 BPM; Max.psi=8079#; Ave=7745#; ISIP=4571# (0.87). Open the well at 6:30PM on 12/2/08 on a 24/64" choke with a SICP=4300#. Used a total of 169 tons of CO2. Flowback well on various chokes through the night. At 7:00 am on 12/3/08 FC.P. 500#.. On 28/64 choke. Rec.488-bbls, showing lite sand and CO2. Will continue to flowback well. CSG SIZE: 4-1/2", 13.5#, HCP-11 CSG DEPTH: 12425' - FC @ 12377' Load from yesterday: 820 Minus daily recovery: 488 LLTR: 332 Perfs: Zone #1: (11/19/08)--Entrada: 11739-47'; 11759-61'; 11769-71' 11815-17';11850-52' (48 holes) Zone #2: Dakota Silt: 10614-18'; Dakota: 10740-45'; 10754-59'; Cedar Mtn: 10824-26'
12/4/2008	06:00 - 16:00	10.00	STIM	2	"TIGHT HOLE" - Completion On 12/3/08 At 6:00 am F.C.P. =50# on 64/64 choke. Continued flowing well on various chokes. Have rec. 726 total bbls of. fluid, fluid showing no sand and high CO2. The well is down to flowing 1-bph of fluid. 94-bbls load left to rec. Will continue to flow well.

Operations Summary Report

Well Name: FR 9P-20-14-20 ST1
Location: 20- 14-S 20-E 26
Rig Name: BASIN WELL SEREVICE

Spud Date: 7/29/2008
Rig Release:
Rig Number: 3

Date	From - To	Hours	Code	Sub Code	Description of Operations
12/4/2008	06:00 - 16:00	10.00	STIM	2	CSG SIZE: 4-1/2", 13.5#, HCP-11 CSG DEPTH: 12425' - FC @ 12377' Load from yesterday: 820 Minus daily recovery: 726 LLTR: 96 Perfs: Zone #1: (11/19/08)--Entrada: 11739-47'; 11759-61'; 11769-71' 11815-17';11850-52' (48 holes) Zone #2: Dakota Silt: 10614-18'; Dakota: 10740-45'; 10754-59'; Cedar Mtn: 10824-26'
12/5/2008	06:00 - 16:00	10.00	PTST	2	"TIGHT HOLE" - Completion On 12/4/08 FCP=50# on 64/64 choke. Continued flowing well on 64/64 choke. Rec 789 bbls total for flowback. Showing no sand and high CO2. Flowing 4-bbls of fluid per hour. 31-bbls load left to rec. SWIFN @ 6:00 PM. On 12/5/08 Will pressure down, top kill csg and RIH with tbg. CSG SIZE: 4-1/2", 13.5#, HCP-11 CSG DEPTH: 12425' - FC @ 12377' Load from yesterday: 820 Minus daily recovery: 789 LLTR: 96 Perfs: Zone #1: (11/19/08)--Entrada: 11739-47'; 11759-61'; 11769-71' 11815-17';11850-52' (48 holes) Zone #2: Dakota Silt: 10614-18'; Dakota: 10740-45'; 10754-59'; Cedar Mtn: 10824-26'
12/8/2008	06:00 - 16:00	10.00	PTST	2	"TIGHT HOLE" - Completion On 12/5/08 SICP=1300# Open csg on 32/64 choke. Blow pressure to 50# on a 64/64 choke. Pumped 50-bbls 2% kcl to control gas. N.D. upper frac valve, N.U. Bop's. R.I.H. with N.C, 1-jt, 1.81 f-nipple and 374 -jts tbg. Tag sand @ 11,701' (CIBP @ 11710') Lay down 57-jts'. Landed tbg in wellhead with tbg tail @ 10,558'. R.U. flow back line from tbg.to manifold. Turn well over to flow testers @ 4:30 PM. Tbg kicked off flowing at 10:00 pm. with 100# F.T.P on 48/64 choke and 500# SICP. Flow well through out weekend on various chokes. On 12/8/08 at 6:00AM SICP =150# FCP=50# on a 48/64 choke showing lite gas. Recovered 251-bbls, no sand. Flowing @ 3-BPH. Will continue flowing well. CSG SIZE: 4-1/2", 13.5#, HCP-11

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Operations Summary Report

Well Name: FR 9P-20-14-20 ST1
Location: 20- 14-S 20-E 26
Rig Name: BASIN WELL SEREVICE

Spud Date: 7/29/2008
Rig Release:
Rig Number: 3

Date	From - To	Hours	Code	Sub Code	Description of Operations
12/8/2008	06:00 - 16:00	10.00	PTST	2	CSG DEPTH: 12425' - FC @ 12377' Load from yesterday: 31 Minus daily recovery: 251 Plus water today: 70 LLTR: 150 overload Perfs: Zone #1: (11/19/08)--Entrada: 11739-47'; 11759-61'; 11769-71' 11815-17';11850-52' (48 holes) Zone #2: Dakota Silt: 10614-18'; Dakota: 10740-45'; 10754-59'; Cedar Mtn: 10824-26'
12/9/2008	06:00 - 16:00	10.00	PTST	2	"TIGHT HOLE" - Completion On 12/8/08 AM FTP=50# and SICP=150# with tbg.flowing very lite gas and 3 bbl.per hour of water on a 48/64" choke to the pit. Pump top kill of 50 bbl.of 2% KCL water down the tbg.and POOH with tbg..RIH with ret.BP and ret.packer and tbg.to 3945' and SIFN. On 12/9/08 will continue to RIH with isolation tools and tbg.and set the RBP over the Cedar Mtn. Interval to swab test Dakota and Dakota Silt together. CSG SIZE: 4-1/2", 13.5#, HCP-11 CSG DEPTH: 12425' - FC @ 12377' Perfs: Zone #1: (11/19/08)--Entrada: 11739-47'; 11759-61'; 11769-71' 11815-17';11850-52' (48 holes) Zone #2: Dakota Silt: 10614-18'; Dakota: 10740-45'; 10754-59'; Cedar Mtn: 10824-26'
12/10/2008	06:00 - 16:00	10.00	PTST	2	"TIGHT HOLE" - Completion Testing Dakota & Dakota Silt zones: Cedar Mtn isolated. On 12/9/08 SITP = 750# & SICP = 900#. Open up well and bled down and pump 20 bbls of 2% KCL water down the tbg to kill. Continue to RIH w/ RBP and ret pkr and set RBP @ 10790' & set ret pkr @ 10550'. "F" Nipple @ 10518'. RU tbg to flat tank and tbg started to flow on a 64/64" choke at noon on 12/9/08. Have a total load to recover of 43 bbls for tbg and csg space between plug & pkr. At 4:00 PM on 12/9/08 FTP = 50# on a 64/64" choke and have recovered 65 bbls of water with no gas and a flow rate of 16 BPH w/ 22 bbls overload. Continue to flow overnight. At 7:00 AM on 12/10/08 FTP = 50# at a current rate of 1 to 2 BPH w/ no gas on a 64/64" choke & a total recovery of 123 bbls for a total of 80 bbls overload. 24 Hour Forecast: Will attempt to swab tbg. CSG SIZE: 4-1/2", 13.5#, HCP-11 CSG DEPTH: 12425' - FC @ 12377'

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Operations Summary Report

Well Name: FR 9P-20-14-20 ST1
Location: 20- 14-S 20-E 26
Rig Name: BASIN WELL SEREVICE

Spud Date: 7/29/2008
Rig Release:
Rig Number: 3

Date	From - To	Hours	Code	Sub Code	Description of Operations
12/10/2008	06:00 - 16:00	10.00	PTST	2	Perfs: Zone #1: (11/19/08)--Entrada: 11739-47'; 11759-61'; 11769-71' 11815-17';11850-52' (48 holes) Zone #2: Dakota Silt: 10614-18'; Dakota: 10740-45'; 10754-59'; Cedar Mtn: 10824-26'
12/11/2008	06:00 - 16:00	10.00	SWAB	1	"TIGHT HOLE" - Completion Testing Dakota & Dakota Silt zones: Cedar Mtn isolated. on AM of 12/10/08 FTP = 50# at a rate of 1-2 BPH of hot water w/ a trace of methane vapors and small trace of CO2. Make 1 swab attempt @ 8:00 AM & got swab to 1300' & too much flow for swab & POOH & flowed the tbg for an addional 7 hours & have a total recovery since isolating the above Dakota/Dakota Silt of 167 bbls for a total of 124 bbls over load. 24 Hour Forecast: Will release tools and POOH & lay down tbg & tools. CSG SIZE: 4-1/2", 13.5#, HCP-11 CSG DEPTH: 12425' - FC @ 12377' Perfs: Zone #1: (11/19/08)--Entrada: 11739-47'; 11759-61'; 11769-71' 11815-17';11850-52' (48 holes) Zone #2: Dakota Silt: 10614-18'; Dakota: 10740-45'; 10754-59'; Cedar Mtn: 10824-26'
12/12/2008	06:00 - 16:00	10.00	SWAB	1	"TIGHT HOLE" - Completion Testing Dakota & Dakota Silt zones: Cedar Mtn isolated. On 12/11/08 FTP = 50# at a rate of 1-2 BPH of water w/ light CO2 & methane vapors. Pump 20 bbls 2% KCL water down the tbg to kill. Release pkr & RIH w/ 8 jts of tbg & latch onto & release RBP. POOH & lay down 345 jts of tbg & pkr & plug. ND BOP's & NU WH. Had to pump a total of 85 bbls of water today. 24 Hour Forecast: Will RDMO Basin Well Service #3. THIS REPORT IS DISCONTINUED. No tbg in hole. CSG SIZE: 4-1/2", 13.5#, HCP-11 CSG DEPTH: 12425' - FC @ 12377' Perfs: Zone #1: (11/19/08)--Entrada: 11739-47'; 11759-61'; 11769-71' 11815-17';11850-52' (48 holes) Zone #2: Dakota Silt: 10614-18'; Dakota: 10740-45'; 10754-59'; Cedar Mtn: 10824-26'

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Deviation Summary

Well Name: FR 9P-20-14-20 ST1
TMD: 12,392.0 (ft) TVD: 12,388.61 (ft)
Closure Distance: 161.3 (ft) Closure Direction: 209.50 (°)
Location: 20- 14-S 20-E 26
Spud Date: 7/29/2008
Calculation Method: Minimum Curvature

S/T #	V.S. AZI (°)
OH	0.00
01	0.00

S/T #	TMD (ft)	Angle (°)	Azimuth (°)	CTM	TVD (ft)	N/-S (ft)	E/-W (ft)	Vert. Section (ft)	DLS (°/100ft)	BUR (°/100ft)	Type
OH	0.0	0.00	0.00	NYN	0.00	0.00	0.00	0.00	0.00	0.00	
OH	621.0	0.20	133.55	YNN	621.00	-0.75	0.79	-0.75	0.03	0.03	MSS
OH	1,193.0	0.20	236.75	YNN	1,193.00	-1.98	0.67	-1.98	0.05	0.00	MSS
OH	1,695.0	0.10	204.35	YNN	1,694.99	-2.86	-0.24	-2.86	0.03	-0.02	MSS
OH	2,666.0	0.30	245.55	YNN	2,665.99	-4.69	-2.90	-4.69	0.02	0.02	MSS
OH	3,769.0	0.90	238.45	YNN	3,768.92	-10.41	-12.91	-10.41	0.05	0.05	MSS
OH	4,059.0	1.20	224.35	YNN	4,058.87	-13.78	-16.98	-13.78	0.14	0.10	MSS
OH	4,357.0	1.00	216.15	YNN	4,356.82	-18.11	-20.69	-18.11	0.09	-0.07	MSS
OH	4,643.0	1.20	199.25	YNN	4,642.77	-22.95	-23.15	-22.95	0.13	0.07	MSS
OH	4,935.0	1.30	216.65	YNN	4,934.70	-28.49	-26.14	-28.49	0.13	0.03	MSS
OH	5,226.0	2.00	214.25	YNN	5,225.58	-35.34	-30.97	-35.34	0.24	0.24	MSS
01	4,643.0	1.20	199.25	NYN	4,642.77	-22.95	-23.15	-22.95	0.03	0.03	MWD
01	4,768.0	1.20	212.70	YNN	4,767.74	-25.29	-24.29	-25.29	0.22	0.00	MWD
01	5,014.0	1.60	205.50	YNN	5,013.67	-30.55	-27.16	-30.55	0.18	0.16	MWD
01	5,064.0	1.20	250.40	YNN	5,063.66	-31.36	-27.95	-31.36	2.26	-0.80	MWD
01	5,096.0	1.10	267.40	YNN	5,095.65	-31.49	-28.58	-31.49	1.11	-0.31	MWD
01	5,129.0	0.70	306.10	YNN	5,128.65	-31.38	-29.05	-31.38	2.14	-1.21	MWD
01	5,161.0	0.80	323.60	YNN	5,160.64	-31.09	-29.34	-31.09	0.78	0.31	MWD
01	5,194.0	1.30	1.00	YNN	5,193.64	-30.53	-29.48	-30.53	2.49	1.52	MWD
01	5,226.0	1.40	12.10	YNN	5,225.63	-29.78	-29.39	-29.78	0.87	0.31	MWD
01	5,257.0	1.10	11.40	YNN	5,256.62	-29.12	-29.25	-29.12	0.97	-0.97	MWD
01	5,290.0	0.60	3.00	YNN	5,289.62	-28.64	-29.18	-28.64	1.56	-1.52	MWD
01	5,322.0	0.40	310.20	YNN	5,321.62	-28.40	-29.25	-28.40	1.50	-0.63	MWD
01	5,354.0	0.30	304.70	YNN	5,353.62	-28.28	-29.41	-28.28	0.33	-0.31	MWD
01	5,387.0	0.40	19.90	YNN	5,386.62	-28.12	-29.44	-28.12	1.32	0.30	MWD
01	5,452.0	0.50	27.70	YNN	5,451.61	-27.66	-29.23	-27.66	0.18	0.15	MWD
01	5,517.0	0.20	347.60	YNN	5,516.61	-27.29	-29.12	-27.29	0.57	-0.46	MWD
01	5,581.0	0.30	282.10	YNN	5,580.61	-27.15	-29.31	-27.15	0.44	0.16	MWD
01	5,679.0	1.20	221.00	YNN	5,678.60	-27.87	-30.23	-27.87	1.11	0.92	MWD
01	5,776.0	0.40	242.60	YNN	5,775.59	-28.79	-31.20	-28.79	0.87	-0.82	MWD
01	5,872.0	1.00	219.30	YNN	5,871.59	-29.60	-32.03	-29.60	0.68	0.63	MWD
01	5,970.0	0.40	287.60	YNN	5,969.58	-30.15	-32.90	-30.15	0.95	-0.61	MWD
01	6,067.0	0.70	189.60	YNN	6,066.58	-30.64	-33.32	-30.64	0.88	0.31	MWD

Deviation Summary

Well Name: FR 9P-20-14-20 ST1
TMD: 12,392.0 (ft) TVD: 12,388.61 (ft)
Closure Distance: 161.3 (ft) Closure Direction: 209.50 (°)
Location: 20- 14-S 20-E 26
Spud Date: 7/29/2008
Calculation Method: Minimum Curvature

S/T #	V.S. AZI (°)
OH	0.00
01	0.00

S/T #	TMD (ft)	Angle (°)	Azimuth (°)	CTM	TVD (ft)	N/-S (ft)	E/-W (ft)	Vert. Section (ft)	DLS (°/100ft)	BUR (°/100ft)	Type
01	6,132.0	1.60	188.20	YNN	6,131.56	-31.93	-33.51	-31.93	1.39	1.38	MWD
01	6,197.0	1.30	190.10	YNN	6,196.54	-33.55	-33.77	-33.55	0.47	-0.46	MWD
01	6,262.0	1.50	191.60	YNN	6,261.52	-35.11	-34.07	-35.11	0.31	0.31	MWD
01	6,327.0	1.00	210.30	YNN	6,326.51	-36.43	-34.53	-36.43	0.98	-0.77	MWD
01	6,391.0	0.30	260.90	YNN	6,390.50	-36.94	-34.98	-36.94	1.32	-1.09	MWD
01	6,456.0	0.60	298.80	YNN	6,455.50	-36.80	-35.44	-36.80	0.63	0.46	MWD
01	6,554.0	0.40	205.00	YNN	6,553.50	-36.87	-36.04	-36.87	0.76	-0.20	MWD
01	6,651.0	1.10	207.80	YNN	6,650.49	-38.00	-36.62	-38.00	0.72	0.72	MWD
01	6,748.0	1.60	203.10	YNN	6,747.46	-40.07	-37.58	-40.07	0.53	0.52	MWD
01	6,813.0	1.30	209.00	YNN	6,812.44	-41.55	-38.30	-41.55	0.51	-0.46	MWD
01	6,878.0	0.40	210.00	YNN	6,877.43	-42.39	-38.77	-42.39	1.38	-1.38	MWD
01	6,943.0	0.40	2.70	YNN	6,942.43	-42.36	-38.87	-42.36	1.20	0.00	MWD
01	7,040.0	1.00	11.50	YNN	7,039.42	-41.19	-38.68	-41.19	0.63	0.62	MWD
01	7,073.0	0.80	5.40	YNN	7,072.42	-40.68	-38.61	-40.68	0.67	-0.61	MWD
01	7,138.0	0.20	302.40	YNN	7,137.42	-40.17	-38.66	-40.17	1.12	-0.92	mwd
01	7,235.0	0.20	85.00	YNN	7,234.42	-40.06	-38.63	-40.06	0.39	0.00	mwd
01	7,332.0	0.20	246.50	YNN	7,331.42	-40.11	-38.62	-40.11	0.41	0.00	mwd
01	7,430.0	0.20	80.90	YNN	7,429.42	-40.15	-38.61	-40.15	0.40	0.00	mwd
01	7,527.0	0.50	162.50	YNN	7,526.42	-40.53	-38.31	-40.53	0.53	0.31	mwd
01	7,624.0	0.20	276.70	YNN	7,623.41	-40.91	-38.35	-40.91	0.63	-0.31	mwd
01	7,722.0	0.20	131.20	YNN	7,721.41	-41.01	-38.39	-41.01	0.39	0.00	mwd
01	7,819.0	0.20	172.90	YNN	7,818.41	-41.29	-38.25	-41.29	0.15	0.00	mwd
01	7,916.0	0.20	121.70	YNN	7,915.41	-41.54	-38.08	-41.54	0.18	0.00	mwd
01	8,013.0	0.20	281.70	YNN	8,012.41	-41.60	-38.10	-41.60	0.41	0.00	mwd
01	8,111.0	0.20	248.90	YNN	8,110.41	-41.63	-38.43	-41.63	0.12	0.00	mwd
01	8,208.0	0.20	323.30	YNN	8,207.41	-41.55	-38.69	-41.55	0.25	0.00	mwd
01	8,305.0	0.20	219.40	YNN	8,304.41	-41.55	-38.90	-41.55	0.32	0.00	MWD
01	8,402.0	0.30	151.10	YNN	8,401.41	-41.90	-38.88	-41.90	0.30	0.10	MWD
01	8,499.0	0.10	298.90	YNN	8,498.41	-42.08	-38.83	-42.08	0.40	-0.21	MWD
01	8,596.0	0.30	187.60	YNN	8,595.41	-42.29	-38.94	-42.29	0.36	0.21	MWD
01	8,693.0	1.30	186.90	YNN	8,692.40	-43.64	-39.11	-43.64	1.03	1.03	MWD
01	8,790.0	2.20	184.20	YNN	8,789.35	-46.58	-39.38	-46.58	0.93	0.93	MWD
01	8,887.0	1.40	192.60	YNN	8,886.31	-49.60	-39.77	-49.60	0.87	-0.82	MWD

CONFIDENTIAL

Deviation Summary

Well Name: FR 9P-20-14-20 ST1
TMD: 12,392.0 (ft) TVD: 12,388.61 (ft)
Closure Distance: 161.3 (ft) Closure Direction: 209.50 (°)
Location: 20- 14-S 20-E 26
Spud Date: 7/29/2008
Calculation Method: Minimum Curvature

S/T #	V.S. AZI (°)
OH	0.00
01	0.00

S/T #	TMD (ft)	Angle (°)	Azimuth (°)	CTM	TVD (ft)	N/-S (ft)	E/-W (ft)	Vert. Section (ft)	DLS (°/100ft)	BUR (°/100ft)	Type
01	8,985.0	0.10	335.90	YNN	8,984.30	-50.69	-40.07	-50.69	1.51	-1.33	MWD
01	9,086.0	0.20	186.00	YNN	9,085.30	-50.78	-40.12	-50.78	0.29	0.10	MWD
01	9,179.0	0.20	190.00	YNN	9,178.30	-51.10	-40.17	-51.10	0.02	0.00	MWD
01	9,276.0	0.10	55.80	YNN	9,275.29	-51.22	-40.13	-51.22	0.29	-0.10	MWD
01	9,373.0	0.50	177.60	YNN	9,372.29	-51.60	-40.04	-51.60	0.58	0.41	MWD
01	9,470.0	0.40	178.20	YNN	9,469.29	-52.36	-40.01	-52.36	0.10	-0.10	MWD
01	9,567.0	1.20	189.70	YNN	9,566.28	-53.70	-40.17	-53.70	0.84	0.82	MWD
01	9,665.0	3.00	200.60	YNN	9,664.21	-57.11	-41.25	-57.11	1.87	1.84	MWD
01	9,762.0	4.10	192.70	YNN	9,761.02	-62.87	-42.90	-62.87	1.24	1.13	MWD
01	9,859.0	4.90	188.80	YNN	9,857.72	-70.35	-44.30	-70.35	0.88	0.82	MWD
01	9,923.0	4.40	187.60	YNN	9,921.51	-75.48	-45.04	-75.48	0.80	-0.78	MWD
01	9,988.0	4.20	190.50	YNN	9,986.33	-80.29	-45.80	-80.29	0.45	-0.31	MWD
01	10,052.0	3.70	193.20	YNN	10,050.18	-84.61	-46.70	-84.61	0.83	-0.78	MWD
01	10,117.0	3.40	197.20	YNN	10,115.05	-88.49	-47.75	-88.49	0.60	-0.46	MWD
01	10,182.0	3.00	207.90	YNN	10,179.95	-91.84	-49.12	-91.84	1.10	-0.62	MWD
01	10,247.0	3.20	216.80	YNN	10,244.86	-94.79	-51.00	-94.79	0.80	0.31	MWD
01	10,312.0	2.10	221.60	YNN	10,309.79	-97.14	-52.88	-97.14	1.72	-1.69	MWD
01	10,377.0	2.10	223.00	YNN	10,374.74	-98.90	-54.48	-98.90	0.08	0.00	MWD
01	10,422.0	1.80	222.30	YNN	10,419.72	-100.02	-55.52	-100.02	0.67	-0.67	MWD
01	10,507.0	1.50	240.30	YNN	10,504.68	-101.56	-57.38	-101.56	0.70	-0.35	MWD
01	10,572.0	1.30	294.20	YNN	10,569.67	-101.68	-58.79	-101.68	1.97	-0.31	MWD
01	10,668.0	1.80	51.80	YNN	10,665.65	-100.30	-58.60	-100.30	2.78	0.52	MWD
01	10,766.0	1.00	126.90	YNN	10,763.62	-99.86	-56.71	-99.86	1.86	-0.82	MWD
01	10,863.0	0.90	176.60	YNN	10,860.61	-101.13	-55.99	-101.13	0.83	-0.10	MWD
01	10,960.0	1.30	192.60	YNN	10,957.59	-102.97	-56.18	-102.97	0.52	0.41	MWD
01	11,060.0	1.70	212.30	YNN	11,057.56	-105.33	-57.22	-105.33	0.65	0.40	MWD
01	11,124.0	2.10	198.00	YNN	11,121.53	-107.25	-58.09	-107.25	0.96	0.63	MWD
01	11,189.0	2.60	186.20	YNN	11,186.47	-109.84	-58.62	-109.84	1.07	0.77	MWD
01	11,241.0	2.90	173.80	YNN	11,238.41	-112.32	-58.60	-112.32	1.28	0.58	MWD
01	11,305.0	2.60	173.50	YNN	11,302.34	-115.38	-58.27	-115.38	0.47	-0.47	MWD
01	11,370.0	0.60	180.10	YNN	11,367.31	-117.18	-58.10	-117.18	3.08	-3.08	MWD
01	11,435.0	1.10	235.00	YNN	11,432.30	-117.88	-58.61	-117.88	1.39	0.77	MWD
01	11,500.0	0.90	234.20	YNN	11,497.29	-118.54	-59.54	-118.54	0.31	-0.31	MWD

Questar E & P

Deviation Summary

Well Name: FR 9P-20-14-20 ST1
TMD: 12,392.0 (ft) TVD: 12,388.61 (ft)
Closure Distance: 161.3 (ft) Closure Direction: 209.50 (°)
Location: 20- 14-S 20-E 26
Spud Date: 7/29/2008
Calculation Method: Minimum Curvature

S/T #	V.S. AZI (°)
OH	0.00
01	0.00

S/T #	TMD (ft)	Angle (°)	Azimuth (°)	CTM	TVD (ft)	N/-S (ft)	E/-W (ft)	Vert. Section (ft)	DLS (°/100ft)	BUR (°/100ft)	Type
01	11,532.0	0.50	223.10	YNN	11,529.29	-118.78	-59.84	-118.78	1.31	-1.25	MWD
01	11,568.0	0.30	6.70	YNN	11,565.29	-118.81	-59.93	-118.81	2.12	-0.56	MWD
01	12,119.0	3.20	215.75	YNN	12,116.02	-129.86	-68.75	-129.86	0.63	0.53	MSS
01	12,392.0	3.20	234.95	YNN	12,388.61	-140.42	-79.44	-140.42	0.39	0.00	MSS

Form 3160-4
(August 2007)

Amended

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.
UT-10164

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

6. If Indian, Allottee or Tribe Name
UTE TRIBE

7. Unit or CA Agreement Name and No.
N/A

2. Name of Operator
Questar Exploration & Production Co.

8. Lease Name and Well No.
FR 9P 20 14 20

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

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

9. AFI Well No.
43-047-39461

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

At surface 1830' FSL, 771' FEL, NESE, SEC 20-T14S-R20E

10. Field and Pool or Exploratory
UNDESIGNATED

11. Sec., T., R., M., on Block and Survey or Area SEC 20-T14S-R20E

At top prod. interval reported below

At total depth 1690' FSL, 820' FEL, NESE, SEC 20-T14S-R20E

12. County or Parish
UINTAH

13. State
UT

14. Date Spudded	15. Date T.D. Reached	16. Date Completed	17. Elevations (DF, RKB, RT, GL)*
07/29/2008	09/19/2009	12/11/2008 ☐ D & A ☐ Ready to Prod.	7123' KB

18. Total Depth:	19. Plug Back T.D.:	20. Depth Bridge Plug Set:
MD 12,440' TVD	MD 12377' Tag sand @ TVD 11701'	MD 11710' CIBP TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
DSN-SD-AC-TR & CBL

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
15"	10-3/4"	40.5#		512' GL		500 SXS		SURF - CIRC	
9-7/8"	7-5/8"	29.7#		3803'		927 SXS		SURF - UNK	
6-1/2"	4-1/2"	13.5#		12426'		223 SXS		4420' - LOG	

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
N/A								

25. Producing Intervals / 26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) SEE ATTACHMENT ONE			SEE ATTACHMENT ONE			
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
SEE ATTACHMENT ONE	SEE ATTACHMENT ONE

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
N/A - SI									

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

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)

CONFIDENTIAL

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.)*
None - Never produced - SI

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
* Wasatch	2194'			Entrada	11692'
Mesa Verde	4484'				
Castlegate	6435'				
Blackhawk	6745'				
Dakota Silt	10611'				
Morrison	11022'				
Curtis	11566'				

32. Additional remarks (include plugging procedure):

This well has not produced anything yet. This well is currently SI.

* - Incorrect Wasatch Formation Top was sent in on original Well Completion Sundry. 2194' is the correct footage for the Wasatch Formation Top per Bob Larocque - Questar.

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: PERFORATION & FRACING REPORT

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 (dfg) Date 02/27/2009

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)

CONFIDENTIAL

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 8
1595 WYNKOOP STREET
DENVER, CO 80202-1129
http://www.epa.gov/region8

JAN 1 2 2010

Ref: 8P-W-GW

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

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

RECEIVED
JAN 2 1 2010
DIV. OF OIL, GAS & MINING

Rick Canterbury
Questar Exploration & Production Co.
11002 East 17500 South
Vernal, UT 80478

Re: FINAL Permit
EPA UIC Permit UT21241-08420
Well: FR 9P-20-14-20
NESE Sec. 20-T14S-R20E
Uintah County, UT
API No.: 43-047-39461

Dear Mr. Canterbury:

Enclosed is your copy of the FINAL Underground Injection Control (UIC) Permit for the proposed FR 9P-20-14-20 injection well. A Statement of Basis that discusses the conditions and requirements of this EPA UIC Permit, is also included.

The Public Comment period for this Permit ended on DEC 1 8 2009. No comments on the Draft Permit were received during the Public Notice period; therefore the Effective Date for this EPA UIC Permit is the date of issuance. All conditions set forth herein refer to Title 40 Parts 124, 144, 146, and 147 of the Code of Federal Regulations (CFR) and are regulations that are in effect as of the Effective Date of this Permit.

Please note that under the terms and conditions of this Final Permit you are authorized only to construct the proposed injection well. Prior to commencing injection, you first must fulfill all "Prior to Commencing Injection" requirements of the Final Permit, Part II Section C.1, and obtain written Authorization to Inject from the EPA. It is your responsibility to be familiar with and to comply with all provisions of your Final Permit. The EPA forms referenced in the permit are available at http://www.epa.gov/safewater/uic/reportingforms.html. Guidance documents for Cement Bond Logging, Radioactive Tracer testing, Step Rate testing, Mechanical Integrity demonstration, Procedure in the Event of a Mechanical Integrity Loss, and other UIC guidances, are available at http://www.epa.gov/region8/water/uic/ deep_injection.html. Upon request, hard copies of the EPA forms and guidances can be provided.

This EPA UIC Permit is issued for the operating life of the well unless terminated (Part III, Section B). The EPA may review this Permit at least every five (5) years to determine whether any action is warranted pursuant to 40 CFR § 144.36(a).

If you have any questions on the enclosed Final Permit or Statement of Basis, please call Jason Deardorff of my staff at (303) 312-6583, or toll-free at (800) 227-8917, ext. 312-6583.

Sincerely,

Stephen S. Tuber
Assistant Regional Administrator
Office of Partnerships and Regulatory Assistance

enclosure: Final UIC Permit
Statement of Basis

cc: Uintah & Ouray Business Committee
Curtis Cesspooch, Chairman
Ronald Groves, Councilman
Irene Cuch, Vice-Chairwoman
Steven Cesspooch, Councilman
Phillip Chimburas, Councilman
Frances Poowegup, Councilwoman

Daniel Picard
BIA - Uintah & Ouray Indian Agency

Ferron Secakuku
Director, Natural Resources
Ute Indian Tribe

Larry Love
Director of Energy & Minerals Dept.
Ute Indian Tribe

Gil Hunt
Associate Director
Utah Division of Oil, Gas, and Mining

Fluid Minerals Engineering Office
BLM - Vernal Office

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:**

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	
1 TYPE OF WELL: OIL WELL ☐ GAS WELL ☐ OTHER	8. WELL NAME and NUMBER: See attached
2 NAME OF OPERATOR: Questar Exploration and Production Company N5085	9. API NUMBER: Attached
3. ADDRESS OF OPERATOR: 1050 17th Street, Suite 500 CITY Denver STATE CO ZIP 80265 / PHONE NUMBER: (303) 672-6900	10. FIELD AND POOL, OR WILDCAT: See attached
4. LOCATION OF WELL: FOOTAGES AT SURFACE: See attached / QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:	COUNTY: Attached / 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~~ 965010695
BIA Bond Number: ~~799446~~ 965010693

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

NAME (PLEASE PRINT) Morgan Anderson TITLE Regulatory Affairs Analyst

SIGNATURE Morgan Anderson DATE 6/23/2010

(This space for State use only)

RECEIVED
JUN 28 2010
DIV. OF OIL, GAS & MINING

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

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

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

well_name	sec	twp	rng	api	entity	mineral lease	type	stat	C
WEST RIVER BEND 3-12-10-15	12	100S	150E	4301331888	14542	Federal	OW	P	C
WEST RIVER BEND 16-17-10-17	17	100S	170E	4301332057	14543	Federal	OW	P	
WEST DESERT SPRING 11-20-10-17	20	100S	170E	4301332088	14545	Federal	OW	S	
GD 8G-35-9-15	35	090S	150E	4301333821		Federal	OW	APD	C
GD 9G-35-9-15	35	090S	150E	4301333822		Federal	OW	APD	C
GD 10G-35-9-15	35	090S	150E	4301333823		Federal	OW	APD	C
GD 11G-35-9-15	35	090S	150E	4301333824		Federal	OW	APD	C
GD 12G-35-9-15	35	090S	150E	4301333825		Federal	OW	APD	C
GD 13G-35-9-15	35	090S	150E	4301333826		Federal	OW	APD	C
GD 1G-34-9-15	34	090S	150E	4301333827	16920	Federal	OW	P	
GD 2G-34-9-15	34	090S	150E	4301333828		Federal	OW	APD	C
GD 7G-34-9-15	34	090S	150E	4301333829		Federal	OW	APD	C
GD 7G-35-9-15	35	090S	150E	4301333830		Federal	OW	APD	C
GD 14G-35-9-15	35	090S	150E	4301333831		Federal	OW	APD	C
GD 15G-35-9-15	35	090S	150E	4301333832		Federal	OW	APD	C
GD 16G-35-9-15	35	090S	150E	4301333833	16921	Federal	OW	P	
GD 1G-35-9-15	35	090S	150E	4301333834		Federal	OW	APD	C
GD 2G-35-9-15	35	090S	150E	4301333835		Federal	OW	APD	C
GD 3G-35-9-15	35	090S	150E	4301333836		Federal	OW	APD	C
GD 4G-35-9-15	35	090S	150E	4301333837		Federal	OW	APD	C
GD 5G-35-9-15	35	090S	150E	4301333838		Federal	OW	APD	C
GD 6G-35-9-15	35	090S	150E	4301333839		Federal	OW	APD	C
GD 8G-34-9-15	34	090S	150E	4301333840		Federal	OW	APD	C
GD 9G-34-9-15	34	090S	150E	4301333841		Federal	OW	APD	C
GD 10G-34-9-15	34	090S	150E	4301333842		Federal	OW	APD	C
GD 15G-34-9-15	34	090S	150E	4301333843		Federal	OW	APD	C
GD 16G-34-9-15	34	090S	150E	4301333844		Federal	OW	APD	C
GOVT 18-2	18	230S	170E	4301930679	2575	Federal	OW	P	
FEDERAL 2-29-7-22	29	070S	220E	4304715423	5266	Federal	GW	TA	
UTAH FED D-1	14	070S	240E	4304715936	10699	Federal	GW	S	
UTAH FED D-2	25	070S	240E	4304715937	9295	Federal	GW	S	
PRINCE 1	10	070S	240E	4304716199	7035	Federal	GW	P	
UTAH FED D-4	14	070S	240E	4304731215	9297	Federal	GW	S	
ISLAND UNIT 16	11	100S	180E	4304731505	1061	Federal	OW	S	
EAST COYOTE FED 14-4-8-25	04	080S	250E	4304732493	11630	Federal	OW	P	
PRINCE 4	03	070S	240E	4304732677	7035	Federal	OW	P	
GH 21 WG	21	080S	210E	4304732692	11819	Federal	GW	P	
OU SG 6-14-8-22	14	080S	220E	4304732746	11944	Federal	GW	S	
FLU KNOLLS FED 23-3	03	100S	180E	4304732754	12003	Federal	OW	P	
GH 22 WG	22	080S	210E	4304732818	12336	Federal	GW	P	
OU GB 12W-20-8-22	20	080S	220E	4304733249	13488	Federal	GW	P	
OU GB 15-18-8-22	18	080S	220E	4304733364	12690	Federal	GW	P	
OU GB 3W-17-8-22	17	080S	220E	4304733513	12950	Federal	GW	P	
OU GB 5W-17-8-22	17	080S	220E	4304733514	12873	Federal	GW	P	
WV 9W-8-8-22	08	080S	220E	4304733515	13395	Federal	GW	P	
OU GB 9W-18-8-22	18	080S	220E	4304733516	12997	Federal	GW	P	
OU GB 3W-20-8-22	20	080S	220E	4304733526	13514	Federal	GW	P	
OU GB 12W-30-8-22	30	080S	220E	4304733670	13380	Federal	GW	P	
WV 10W-8-8-22	08	080S	220E	4304733814	13450	Federal	GW	P	
GH 7W-21-8-21	21	080S	210E	4304733845	13050	Federal	GW	P	
GH 9W-21-8-21	21	080S	210E	4304733846	13074	Federal	GW	P	

Bonds: BLM = ESB000024
BIA = 956010693
State = 965010695

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

well_name	sec	twp	rng	api	entity	mineral lease	type	stat	C
GH 11W-21-8-21	21	080S	210E	4304733847	13049	Federal	GW	P	
GH 15W-21-8-21	21	080S	210E	4304733848	13051	Federal	GW	P	
WV 2W-9-8-21	09	080S	210E	4304733905	13676	Federal	GW	P	
WV 7W-22-8-21	22	080S	210E	4304733907	13230	Federal	GW	P	
WV 9W-23-8-21	23	080S	210E	4304733909	13160	Federal	GW	P	
GH 14W-20-8-21	20	080S	210E	4304733915	13073	Federal	GW	P	
OU GB 4W-30-8-22	30	080S	220E	4304733945	13372	Federal	GW	P	
OU GB 9W-19-8-22	19	080S	220E	4304733946	13393	Federal	GW	P	
OU GB 10W-30-8-22	30	080S	220E	4304733947	13389	Federal	GW	P	
OU GB 12W-19-8-22	19	080S	220E	4304733948	13388	Federal	GW	P	
GB 9W-25-8-21	25	080S	210E	4304733960	13390	Federal	GW	P	
SU 1W-5-8-22	05	080S	220E	4304733985	13369	Federal	GW	P	
SU 3W-5-8-22	05	080S	220E	4304733987	13321	Federal	OW	S	
SU 7W-5-8-22	05	080S	220E	4304733988	13235	Federal	GW	P	
SU 9W-5-8-22	05	080S	220E	4304733990	13238	Federal	GW	P	
SU 13W-5-8-22	05	080S	220E	4304733994	13236	Federal	GW	TA	
SU 15W-5-8-22	05	080S	220E	4304733996	13240	Federal	GW	P	
WV 8W-8-8-22	08	080S	220E	4304734005	13320	Federal	GW	P	
WV 14W-8-8-22	08	080S	220E	4304734007	13322	Federal	GW	S	
OU GB 6W-20-8-22	20	080S	220E	4304734018	13518	Federal	GW	P	
OU GB 5W-30-8-22	30	080S	220E	4304734025	13502	Federal	GW	P	
OU GB 11W-20-8-22	20	080S	220E	4304734039	13413	Federal	GW	P	
OU GB 4W-20-8-22	20	080S	220E	4304734043	13520	Federal	GW	P	
GH 5W-21-8-21	21	080S	210E	4304734147	13387	Federal	GW	P	
GH 6W-21-8-21	21	080S	210E	4304734148	13371	Federal	GW	P	
GH 8W-21-8-21	21	080S	210E	4304734149	13293	Federal	GW	P	
GH 10W-20-8-21	20	080S	210E	4304734151	13328	Federal	GW	P	
GH 10W-21-8-21	21	080S	210E	4304734152	13378	Federal	GW	P	
GH 12W-21-8-21	21	080S	210E	4304734153	13294	Federal	GW	P	
GH 14W-21-8-21	21	080S	210E	4304734154	13292	Federal	GW	P	
GH 16W-21-8-21	21	080S	210E	4304734157	13329	Federal	GW	P	
WV 2W-3-8-21	03	080S	210E	4304734207	13677	Federal	GW	P	
OU GB 5W-20-8-22	20	080S	220E	4304734209	13414	Federal	GW	P	
WV 6W-22-8-21	22	080S	210E	4304734272	13379	Federal	GW	P	
GH 1W-20-8-21	20	080S	210E	4304734327	13451	Federal	GW	P	
GH 2W-20-8-21	20	080S	210E	4304734328	13527	Federal	GW	P	
GH 3W-20-8-21	20	080S	210E	4304734329	13728	Federal	GW	P	
GH 7W-20-8-21	20	080S	210E	4304734332	13537	Federal	GW	P	
GH 9W-20-8-21	20	080S	210E	4304734333	13411	Federal	GW	P	
GH 11W-20-8-21	20	080S	210E	4304734334	13410	Federal	GW	P	
GH 15W-20-8-21	20	080S	210E	4304734335	13407	Federal	GW	P	
GH 16W-20-8-21	20	080S	210E	4304734336	13501	Federal	GW	P	
WV 12W-23-8-21	23	080S	210E	4304734343	13430	Federal	GW	P	
OU GB 13W-20-8-22	20	080S	220E	4304734348	13495	Federal	GW	P	
OU GB 14W-20-8-22	20	080S	220E	4304734349	13507	Federal	GW	P	
OU GB 11W-29-8-22	29	080S	220E	4304734350	13526	Federal	GW	P	
SU PURDY 14M-30-7-22	30	070S	220E	4304734384	13750	Federal	GW	S	
WVX 11G-5-8-22	05	080S	220E	4304734388	13422	Federal	OW	P	
WVX 13G-5-8-22	05	080S	220E	4304734389	13738	Federal	OW	P	
WVX 15G-5-8-22	05	080S	220E	4304734390	13459	Federal	OW	P	
SU BRENNAN W 15W-18-7-22	18	070S	220E	4304734403	13442	Federal	GW	TA	

Bonds: BLM = ESB000024
BIA = 956010693
State = 965010695

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

well_name	sec	twp	rng	api	entity	mineral lease	type	stat	C
SU 16W-5-8-22	05	080S	220E	4304734446	13654	Federal	GW	P	
SU 2W-5-8-22	05	080S	220E	4304734455	13700	Federal	GW	P	
SU 10W-5-8-22	05	080S	220E	4304734456	13540	Federal	GW	P	
WV 16W-8-8-22	08	080S	220E	4304734470	13508	Federal	GW	P	
OU GB 16WX-30-8-22	30	080S	220E	4304734506	13431	Federal	GW	P	
OU GB 1W-19-8-22	19	080S	220E	4304734512	13469	Federal	GW	P	
OU GB 2W-19-8-22	19	080S	220E	4304734513	13461	Federal	GW	P	
OU GB 5W-19-8-22	19	080S	220E	4304734514	13460	Federal	GW	P	
OU GB 7W-19-8-22	19	080S	220E	4304734515	13462	Federal	GW	P	
OU GB 8W-19-8-22	19	080S	220E	4304734516	13489	Federal	GW	P	
OU GB 11W-19-8-22	19	080S	220E	4304734517	13467	Federal	GW	P	
OU GB 16W-19-8-22	19	080S	220E	4304734522	13476	Federal	GW	P	
OU GB 1W-30-8-22	30	080S	220E	4304734528	13487	Federal	GW	S	
OU GB 3W-30-8-22	30	080S	220E	4304734529	13493	Federal	GW	P	
OU GB 6W-30-8-22	30	080S	220E	4304734530	13519	Federal	GW	P	
OU GB 7W-30-8-22	30	080S	220E	4304734531	13494	Federal	GW	P	
OU GB 8W-30-8-22	30	080S	220E	4304734532	13483	Federal	GW	P	
OU GB 9W-30-8-22	30	080S	220E	4304734533	13500	Federal	GW	P	
OU GB 6W-19-8-22	19	080S	220E	4304734534	13475	Federal	GW	P	
OU GB 10W-19-8-22	19	080S	220E	4304734535	13479	Federal	GW	P	
OU GB 13W-19-8-22	19	080S	220E	4304734536	13478	Federal	GW	P	
OU GB 14W-19-8-22	19	080S	220E	4304734537	13484	Federal	GW	P	
OU GB 15W-19-8-22	19	080S	220E	4304734538	13482	Federal	GW	P	
OU GB 12W-17-8-22	17	080S	220E	4304734542	13543	Federal	GW	P	
OU GB 6W-17-8-22	17	080S	220E	4304734543	13536	Federal	GW	P	
OU GB 13W-17-8-22	17	080S	220E	4304734544	13547	Federal	GW	P	
OU GB 6W-29-8-22	29	080S	220E	4304734545	13535	Federal	GW	P	
OU GB 3W-29-8-22	29	080S	220E	4304734546	13509	Federal	GW	P	
OU GB 13W-29-8-22	29	080S	220E	4304734547	13506	Federal	GW	P	
OU GB 4W-29-8-22	29	080S	220E	4304734548	13534	Federal	GW	P	
OU GB 5W-29-8-22	29	080S	220E	4304734549	13505	Federal	GW	P	
OU GB 14W-17-8-22	17	080S	220E	4304734550	13550	Federal	GW	P	
OU GB 11W-17-8-22	17	080S	220E	4304734553	13671	Federal	GW	P	
OU GB 14W-29-8-22	29	080S	220E	4304734554	13528	Federal	GW	P	
OU GB 2W-17-8-22	17	080S	220E	4304734559	13539	Federal	GW	P	
OU GB 7W-17-8-22	17	080S	220E	4304734560	13599	Federal	GW	P	
OU GB 16W-18-8-22	18	080S	220E	4304734563	13559	Federal	GW	P	
OU GB 1W-29-8-22	29	080S	220E	4304734573	13562	Federal	GW	P	
OU GB 7W-29-8-22	29	080S	220E	4304734574	13564	Federal	GW	P	
OU GB 8W-29-8-22	29	080S	220E	4304734575	13609	Federal	GW	S	
OU GB 9W-29-8-22	29	080S	220E	4304734576	13551	Federal	GW	P	
OU GB 10W-29-8-22	29	080S	220E	4304734577	13594	Federal	GW	P	
OU GB 15W-29-8-22	29	080S	220E	4304734578	13569	Federal	GW	P	
OU GB 2W-20-8-22	20	080S	220E	4304734599	13664	Federal	GW	P	
OU GB 2W-29-8-22	29	080S	220E	4304734600	13691	Federal	GW	P	
OU GB 15W-17-8-22	17	080S	220E	4304734601	13632	Federal	GW	P	
OU GB 16W-17-8-22	17	080S	220E	4304734602	13639	Federal	GW	P	
OU GB 16W-29-8-22	29	080S	220E	4304734603	13610	Federal	GW	P	
OU GB 1W-20-8-22	20	080S	220E	4304734604	13612	Federal	GW	P	
OU GB 1W-17-8-22	17	080S	220E	4304734623	13701	Federal	GW	P	
OU GB 9W-17-8-22	17	080S	220E	4304734624	13663	Federal	GW	P	

Bonds: BLM = ESB000024
BIA = 956010693
State = 965010695

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

well_name	sec	twp	rng	api	entity	mineral lease	type	stat	C
OU GB 10W-17-8-22	17	080S	220E	4304734625	13684	Federal	GW	P	
OU GB 9W-20-8-22	20	080S	220E	4304734630	13637	Federal	GW	P	
OU GB 10W-20-8-22	20	080S	220E	4304734631	13682	Federal	GW	P	
OU GB 15W-20-8-22	20	080S	220E	4304734632	13613	Federal	GW	P	
OU WIH 15MU-21-8-22	21	080S	220E	4304734634	13991	Federal	GW	P	
OU WIH 13W-21-8-22	21	080S	220E	4304734646	13745	Federal	GW	P	
OU GB 11W-15-8-22	15	080S	220E	4304734648	13822	Federal	GW	P	
OU GB 13W-9-8-22	09	080S	220E	4304734654	13706	Federal	GW	P	
OU WIH 14W-21-8-22	21	080S	220E	4304734664	13720	Federal	GW	P	
OU GB 12WX-29-8-22	29	080S	220E	4304734668	13555	Federal	GW	P	
OU WIH 10W-21-8-22	21	080S	220E	4304734681	13662	Federal	GW	P	
OU GB 4G-21-8-22	21	080S	220E	4304734685	13772	Federal	OW	P	
OU GB 3W-21-8-22	21	080S	220E	4304734686	13746	Federal	GW	P	
OU GB 16SG-30-8-22	30	080S	220E	4304734688	13593	Federal	GW	P	
OU WIH 7W-21-8-22	21	080S	220E	4304734689	13716	Federal	GW	P	
OU GB 5W-21-8-22	21	080S	220E	4304734690	13770	Federal	GW	P	
WIH 1MU-21-8-22	21	080S	220E	4304734693	14001	Federal	GW	P	
OU GB 5G-19-8-22	19	080S	220E	4304734695	13786	Federal	OW	P	
OU GB 7W-20-8-22	20	080S	220E	4304734705	13710	Federal	GW	P	
OU SG 14W-15-8-22	15	080S	220E	4304734710	13821	Federal	GW	P	
OU SG 15W-15-8-22	15	080S	220E	4304734711	13790	Federal	GW	P	
OU SG 16W-15-8-22	15	080S	220E	4304734712	13820	Federal	GW	P	
OU SG 4W-15-8-22	15	080S	220E	4304734713	13775	Federal	GW	P	
OU SG 12W-15-8-22	15	080S	220E	4304734714	13838	Federal	GW	P	
OU GB 5MU-15-8-22	15	080S	220E	4304734715	13900	Federal	GW	P	
OU SG 8W-15-8-22	15	080S	220E	4304734717	13819	Federal	GW	P	
OU SG 9W-15-8-22	15	080S	220E	4304734718	13773	Federal	GW	P	
OU SG 10W-15-8-22	15	080S	220E	4304734719	13722	Federal	GW	P	
OU SG 2MU-15-8-22	15	080S	220E	4304734721	13887	Federal	GW	P	
OU SG 7W-15-8-22	15	080S	220E	4304734722	13920	Federal	GW	P	
OU GB 14SG-29-8-22	29	080S	220E	4304734743	14034	Federal	GW	P	
OU GB 16SG-29-8-22	29	080S	220E	4304734744	13771	Federal	GW	P	
OU GB 13W-10-8-22	10	080S	220E	4304734754	13774	Federal	GW	P	
OU GB 6MU-21-8-22	21	080S	220E	4304734755	14012	Federal	GW	P	
OU SG 10W-10-8-22	10	080S	220E	4304734764	13751	Federal	GW	P	
OU GB 14M-10-8-22	10	080S	220E	4304734768	13849	Federal	GW	P	
OU SG 9W-10-8-22	10	080S	220E	4304734783	13725	Federal	GW	P	
OU SG 16W-10-8-22	10	080S	220E	4304734784	13781	Federal	GW	P	
SU BW 6M-7-7-22	07	070S	220E	4304734837	13966	Federal	GW	P	
GB 3M-27-8-21	27	080S	210E	4304734900	14614	Federal	GW	P	
WVX 11D-22-8-21	22	080S	210E	4304734902	14632	Federal	GW	P	
GB 11M-27-8-21	27	080S	210E	4304734952	13809	Federal	GW	P	
GB 9D-27-8-21	27	080S	210E	4304734956	14633	Federal	GW	P	
GB 1D-27-8-21	27	080S	210E	4304734957	14634	Federal	GW	P	
WRU EIH 2M-35-8-22	35	080S	220E	4304735052	13931	Federal	GW	P	
GH 12MU-20-8-21	20	080S	210E	4304735069	14129	Federal	GW	P	
OU SG 4W-11-8-22	11	080S	220E	4304735071	14814	Federal	GW	OPS	C
OU SG 5W-11-8-22	11	080S	220E	4304735072	14815	Federal	GW	OPS	C
SG 6ML-11-8-22	11	080S	220E	4304735073	14825	Federal	GW	P	
OU SG 5MU-14-8-22	14	080S	220E	4304735076	13989	Federal	GW	P	
OU SG 6MU-14-8-22	14	080S	220E	4304735077	14128	Federal	GW	P	

Bonds: BLM = ESB000024
BIA = 956010693
State = 965010695

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

well_name	sec	twp	rng	api	entity	mineral lease	type	stat	C
SG 12MU-14-8-22	14	080S	220E	4304735078	13921	Federal	GW	P	
OU SG 13MU-14-8-22	14	080S	220E	4304735079	13990	Federal	GW	P	
OU SG 9MU-11-8-22	11	080S	220E	4304735091	13967	Federal	GW	P	
SG 11SG-23-8-22	23	080S	220E	4304735099	13901	Federal	GW	TA	
OU SG 14W-11-8-22	11	080S	220E	4304735114	14797	Federal	GW	OPS	C
SG 5MU-23-8-22	23	080S	220E	4304735115	14368	Federal	GW	P	
SG 6MU-23-8-22	23	080S	220E	4304735116	14231	Federal	GW	P	
SG 14MU-23-8-22	23	080S	220E	4304735117	14069	Federal	GW	P	
SG 12MU-23-8-22	23	080S	220E	4304735188	14412	Federal	GW	P	
SG 13MU-23-8-22	23	080S	220E	4304735190	14103	Federal	GW	P	
WH 7G-10-7-24	10	070S	240E	4304735241	14002	Federal	GW	S	
GB 4D-28-8-21	28	080S	210E	4304735246	14645	Federal	GW	P	
GB 7M-28-8-21	28	080S	210E	4304735247	14432	Federal	GW	P	
GB 14M-28-8-21	28	080S	210E	4304735248	13992	Federal	GW	P	
SG 11MU-23-8-22	23	080S	220E	4304735257	13973	Federal	GW	P	
SG 15MU-14-8-22	14	080S	220E	4304735328	14338	Federal	GW	P	
EIHX 14MU-25-8-22	25	080S	220E	4304735330	14501	Federal	GW	P	
EIHX 11MU-25-8-22	25	080S	220E	4304735331	14470	Federal	GW	P	
NBE 12ML-10-9-23	10	090S	230E	4304735333	14260	Federal	GW	P	
NBE 13ML-17-9-23	17	090S	230E	4304735334	14000	Federal	GW	P	
NBE 4ML-26-9-23	26	090S	230E	4304735335	14215	Federal	GW	P	
SG 7MU-11-8-22	11	080S	220E	4304735374	14635	Federal	GW	S	
SG 1MU-11-8-22	11	080S	220E	4304735375	14279	Federal	GW	P	
OU SG 13W-11-8-22	11	080S	220E	4304735377	14796	Federal	GW	OPS	C
SG 3MU-11-8-22	11	080S	220E	4304735379	14978	Federal	GW	P	
SG 8MU-11-8-22	11	080S	220E	4304735380	14616	Federal	GW	P	
SG 2MU-11-8-22	11	080S	220E	4304735381	14636	Federal	GW	P	
SG 10MU-11-8-22	11	080S	220E	4304735382	14979	Federal	GW	P	
SU 11MU-9-8-21	09	080S	210E	4304735412	14143	Federal	GW	P	
OU GB 8MU-10-8-22	10	080S	220E	4304735422	15321	Federal	GW	OPS	C
EIHX 2MU-25-8-22	25	080S	220E	4304735427	14666	Federal	GW	P	
EIHX 1MU-25-8-22	25	080S	220E	4304735428	14705	Federal	GW	P	
EIHX 7MU-25-8-22	25	080S	220E	4304735429	14682	Federal	GW	P	
EIHX 8MU-25-8-22	25	080S	220E	4304735430	14706	Federal	GW	P	
EIHX 9MU-25-8-22	25	080S	220E	4304735433	14558	Federal	GW	P	
EIHX 16MU-25-8-22	25	080S	220E	4304735434	14502	Federal	GW	P	
EIHX 15MU-25-8-22	25	080S	220E	4304735435	14571	Federal	GW	P	
EIHX 10MU-25-8-22	25	080S	220E	4304735436	14537	Federal	GW	P	
GB 3MU-3-8-22	03	080S	220E	4304735457	14575	Federal	GW	P	
NBE 15M-17-9-23	17	090S	230E	4304735463	14423	Federal	GW	P	
NBE 7ML-17-9-23	17	090S	230E	4304735464	14232	Federal	GW	P	
NBE 3ML-17-9-23	17	090S	230E	4304735465	14276	Federal	GW	P	
NBE 11M-17-9-23	17	090S	230E	4304735466	14431	Federal	GW	P	
NBE 10ML-10-9-23	10	090S	230E	4304735650	14377	Federal	GW	P	
NBE 6ML-10-9-23	10	090S	230E	4304735651	14422	Federal	GW	P	
NBE 12ML-17-9-23	17	090S	230E	4304735652	14278	Federal	GW	P	
NBE 6ML-26-9-23	26	090S	230E	4304735664	14378	Federal	GW	P	
NBE 11ML-26-9-23	26	090S	230E	4304735665	14340	Federal	GW	P	
NBE 15ML-26-9-23	26	090S	230E	4304735666	14326	Federal	GW	P	
SG 4MU-23-8-22	23	080S	220E	4304735758	14380	Federal	GW	P	
SG 11MU-14-8-22	14	080S	220E	4304735829	14486	Federal	GW	P	

Bonds: BLM = ESB000024
BIA = 956010693
State = 965010695

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

well_name	sec	twp	rng	api	entity	mineral lease	type	stat	C
RB DS FED 1G-7-10-18	07	100S	180E	4304735932	14457	Federal	OW	S	
RB DS FED 14G-8-10-18	08	100S	180E	4304735933	14433	Federal	OW	P	
OU SG 14MU-14-8-22	14	080S	220E	4304735950	14479	Federal	GW	P	
COY 12ML-24-8-24	24	080S	240E	4304736039	14592	Federal	OW	P	
WIH 1AMU-21-8-22	21	080S	220E	4304736060	14980	Federal	GW	P	
SU 8M-12-7-21	12	070S	210E	4304736096	16610	Federal	GW	OPS	C
NBE 4ML-10-9-23	10	090S	230E	4304736098	15732	Federal	GW	P	
NBE 8ML-10-9-23	10	090S	230E	4304736099	15733	Federal	GW	P	
NBE 16ML-10-9-23	10	090S	230E	4304736100	14728	Federal	GW	S	
SUBW 14M-7-7-22	07	070S	220E	4304736136	15734	Federal	GW	P	
NBE 8ML-12-9-23	12	090S	230E	4304736143	15859	Federal	GW	S	
GB 16D-28-8-21	28	080S	210E	4304736260	14981	Federal	GW	P	
NBE 5ML-10-9-23	10	090S	230E	4304736353	15227	Federal	GW	P	
NBE 7ML-10-9-23	10	090S	230E	4304736355	15850	Federal	GW	P	
NBE 3ML-10-9-23	10	090S	230E	4304736356	15393	Federal	GW	P	
EIHX 4MU-36-8-22	36	080S	220E	4304736444	14875	Federal	GW	P	
EIHX 3MU-36-8-22	36	080S	220E	4304736445	14860	Federal	GW	P	
EIHX 2MU-36-8-22	36	080S	220E	4304736446	14840	Federal	GW	S	
EIHX 1MU-36-8-22	36	080S	220E	4304736447	14861	Federal	GW	P	
NBE 7ML-26-9-23	26	090S	230E	4304736587	16008	Federal	GW	P	
NBE 8ML-26-9-23	26	090S	230E	4304736588	15689	Federal	GW	P	
NBE 1ML-26-9-23	26	090S	230E	4304736589	15880	Federal	GW	P	
NBE 2ML-26-9-23	26	090S	230E	4304736590	15898	Federal	GW	S	
NBE 3ML-26-9-23	26	090S	230E	4304736591	15906	Federal	GW	P	
NBE 5ML-26-9-23	26	090S	230E	4304736592	15839	Federal	GW	P	
NBE 9ML-10-9-23	10	090S	230E	4304736593	15438	Federal	GW	P	
NBE 11ML-10-9-23	10	090S	230E	4304736594	15228	Federal	GW	P	
NBE 15ML-10-9-23	10	090S	230E	4304736595	15439	Federal	GW	P	
NBE 2ML-17-9-23	17	090S	230E	4304736614	15126	Federal	GW	P	
NBE 4ML-17-9-23	17	090S	230E	4304736615	15177	Federal	GW	P	
NBE 6ML-17-9-23	17	090S	230E	4304736616	15127	Federal	GW	S	
NBE 10ML-17-9-23	17	090S	230E	4304736617	15128	Federal	GW	P	
NBE 14ML-17-9-23	17	090S	230E	4304736618	15088	Federal	GW	P	
NBE 9ML-26-9-23	26	090S	230E	4304736619	15322	Federal	GW	P	
NBE 10D-26-9-23	26	090S	230E	4304736620	15975	Federal	GW	S	
NBE 12ML-26-9-23	26	090S	230E	4304736621	15840	Federal	GW	P	
NBE 13ML-26-9-23	26	090S	230E	4304736622	15690	Federal	GW	P	
NBE 14ML-26-9-23	26	090S	230E	4304736623	15262	Federal	GW	P	
NBE 16ML-26-9-23	26	090S	230E	4304736624	15735	Federal	GW	P	
WF 1P-1-15-19	06	150S	200E	4304736781	14862	Indian	GW	P	
SG 3MU-23-8-22	14	080S	220E	4304736940	15100	Federal	GW	P	
NBE 5ML-17-9-23	17	090S	230E	4304736941	15101	Federal	GW	P	
TU 14-9-7-22	09	070S	220E	4304737345	16811	Federal	GW	OPS	C
WF 14C-29-15-19	29	150S	190E	4304737541	15178	Indian	GW	P	
NBE 2ML-10-9-23	10	090S	230E	4304737619	15860	Federal	GW	P	
GB 16ML-20-8-22	20	080S	220E	4304737664	15948	Federal	GW	P	
WVX 8ML-5-8-22	05	080S	220E	4304738140		Federal	GW	APD	C
WVX 6ML-5-8-22	05	080S	220E	4304738141		Federal	GW	APD	C
WVX 1MU-17-8-21	17	080S	210E	4304738156		Federal	GW	APD	C
GH 8-20-8-21	20	080S	210E	4304738157		Federal	GW	APD	C
WVX 4MU-17-8-21	17	080S	210E	4304738190		Federal	GW	APD	C

Bonds: BLM = ESB000024
BIA = 956010693
State = 965010695

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

well_name	sec	twp	rng	api	entity	mineral lease	type	stat	C
WVX 16MU-18-8-21	18	080S	210E	4304738191		Federal	GW	APD	C
GH 7D-19-8-21	19	080S	210E	4304738267	16922	Federal	GW	P	
WF 8C-15-15-19	15	150S	190E	4304738405	17142	Indian	GW	OPS	C
WVX 1MU-18-8-21	18	080S	210E	4304738659		Federal	GW	APD	C
WVX 9MU-18-8-21	18	080S	210E	4304738660		Federal	GW	APD	C
GB 12SG-29-8-22	29	080S	220E	4304738766	16096	Federal	GW	S	
GB 10SG-30-8-22	30	080S	220E	4304738767	16143	Federal	GW	S	
FR 14P-20-14-20	20	140S	200E	4304739168	16179	Federal	GW	P	
SU 11M-8-7-22	08	070S	220E	4304739175		Federal	GW	APD	C
HB 2M-9-7-22	09	070S	220E	4304739176		Federal	GW	APD	C
SUMA 4M-20-7-22	20	070S	220E	4304739177		Federal	GW	APD	C
SU 16M-31-7-22	31	070S	220E	4304739178		Federal	GW	APD	C
FR 13P-20-14-20	20	140S	200E	4304739226	16719	Federal	GW	P	
SG 11BML-23-8-22	23	080S	220E	4304739230		Federal	GW	APD	C
SG 12DML-23-8-22	23	080S	220E	4304739231		Federal	GW	APD	C
GB 1CML-29-8-22	29	080S	220E	4304739232		Federal	GW	APD	C
NBE 8CD-10-9-23	10	090S	230E	4304739341	16513	Federal	GW	P	
NBE 15AD-10-9-23	10	090S	230E	4304739342		Federal	GW	APD	C
NBE 6DD-10-9-23	10	090S	230E	4304739343		Federal	GW	APD	C
NBE 6AD-10-9-23	10	090S	230E	4304739344		Federal	GW	APD	C
NBE 6BD-10-9-23	10	090S	230E	4304739345		Federal	GW	APD	C
NBE 5DD-10-9-23	10	090S	230E	4304739346	16574	Federal	GW	P	
NBE 7BD-17-9-23	17	090S	230E	4304739347		Federal	GW	APD	C
NBE 4DD-17-9-23	17	090S	230E	4304739348	16743	Federal	GW	P	
NBE 10CD-17-9-23	17	090S	230E	4304739349	16616	Federal	GW	P	
NBE 11CD-17-9-23	17	090S	230E	4304739350		Federal	GW	APD	C
NBE 8BD-26-9-23	26	090S	230E	4304739351	16617	Federal	GW	P	
NBE 3DD-26-9-23	26	090S	230E	4304739352		Federal	GW	APD	C
NBE 3CD-26-9-23	26	090S	230E	4304739353		Federal	GW	APD	C
NBE 7DD-26-9-23	26	090S	230E	4304739354		Federal	GW	APD	C
NBE 12AD-26-9-23	26	090S	230E	4304739355		Federal	GW	APD	C
NBE 5DD-26-9-23	26	090S	230E	4304739356		Federal	GW	APD	C
NBE 13AD-26-9-23	26	090S	230E	4304739357		Federal	GW	APD	C
NBE 14AD-26-9-23	26	090S	230E	4304739358		Federal	GW	APD	C
NBE 9CD-26-9-23	26	090S	230E	4304739359		Federal	GW	APD	C
FR 9P-20-14-20	20	140S	200E	4304739461	17025	Federal	GW	S	
FR 13P-17-14-20	17	140S	200E	4304739462		Federal	GW	APD	C
FR 9P-17-14-20	17	140S	200E	4304739463	16829	Federal	GW	P	
FR 10P-20-14-20	20	140S	200E	4304739465		Federal	GW	APD	C
FR 5P-17-14-20	17	140S	200E	4304739509		Federal	GW	APD	C
FR 15P-17-14-20	17	140S	200E	4304739510		Federal	GW	APD	C
FR 11P-20-14-20	20	140S	200E	4304739587		Federal	GW	APD	
FR 5P-20-14-20	20	140S	200E	4304739588		Federal	GW	APD	C
FR 9P-21-14-20	21	140S	200E	4304739589		Federal	GW	APD	C
FR 13P-21-14-20	21	140S	200E	4304739590		Federal	GW	APD	C
GB 7D-27-8-21	27	080S	210E	4304739661		Federal	GW	APD	C
GB 15D-27-8-21	27	080S	210E	4304739662	16830	Federal	GW	P	
WV 13D-23-8-21	23	080S	210E	4304739663	16813	Federal	GW	P	
WV 15D-23-8-21	23	080S	210E	4304739664	16924	Federal	GW	P	
FR 14P-17-14-20	17	140S	200E	4304739807		Federal	GW	APD	C
FR 12P-20-14-20	20	140S	200E	4304739808		Federal	GW	APD	C

Bonds: BLM = ESB000024
BIA = 956010693
State = 965010695

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

well_name	sec	twp	rng	api	entity	mineral lease	type	stat	C
FR 6P-20-14-20	20	140S	200E	4304739809	16925	Federal	GW	P	
FR 3P-21-14-20	21	140S	200E	4304739810		Federal	GW	APD	C
FR 4P-21-14-20	21	140S	200E	4304739811	16771	Federal	GW	P	
FR 8P-21-14-20	21	140S	200E	4304739812		Federal	GW	APD	C
FR 15P-21-14-20	21	140S	200E	4304739815		Federal	GW	APD	C
FR 2P-20-14-20	20	140S	200E	4304740053		Federal	GW	APD	
FR 2P-21-14-20	21	140S	200E	4304740200		Federal	GW	APD	C
WV 11-23-8-21	23	080S	210E	4304740303		Federal	GW	APD	C
GB 12-27-8-21	27	080S	210E	4304740304		Federal	GW	APD	C
GH 11C-20-8-21	20	080S	210E	4304740352		Federal	GW	APD	C
GH 15A-20-8-21	20	080S	210E	4304740353		Federal	GW	APD	C
GH 10BD-21-8-21	21	080S	210E	4304740354		Federal	GW	APD	C
FR 11P-21-14-20	21	140S	200E	4304740366		Federal	GW	APD	C
MELANGE U 1	09	140S	200E	4304740399		Federal	GW	APD	C
OP 16G-12-7-20	12	070S	200E	4304740481	17527	Federal	OW	DRL	C
OP 4G-12-7-20	12	070S	200E	4304740482		Federal	OW	APD	C
WF 8D-21-15-19	21	150S	190E	4304740489		Indian	GW	APD	C
WF 15-21-15-19	21	150S	190E	4304740490		Indian	GW	APD	
WF 4D-22-15-19	22	150S	190E	4304740491		Indian	GW	APD	C

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

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

Earlene Russell - RE: Re: Questar WI wells

From: Debbie Stanberry <Debbie.Stanberry@qepres.com>
To: Earlene Russell <earlenerussell@utah.gov>, Laura Bills <Laura.Bills@qepr...
Date: 10/25/2010 1:09 PM
Subject: RE: Re: Questar WI wells
CC: Morgan Anderson <Morgan.Anderson@qepres.com>

Earlene:

I have put the status of each well down below in red; there have been no Sundries filed with the BLM or the State showing a date of first injection as none of these wells are injecting. Please let me know if you have any further questions on these but believe we should be good for now. Thanks.

4304733221 WV 5W-13-8-21 pending 13 T8S R21E
QEP has filed an application with EPA but has not yet received approval so consequently it is not injecting; would remain GW, P
4304733987 SU 3W-5-8-22 UT20947-06158 5 T8S R22E
Have received EPA approval to inject BUT QEP is currently waiting on approved ROW from BIA/BLM for this project so it is not currently injecting; would remain OW, S
4304733503 WV 7WRG-7-8-22 UT29045-06156 7 T8S R22E
this EPA permit has expired; QEP may seek extension; work never done on well for conversion so it is not injecting; would remain OW, P
4304739461 FR 9P-20-14-20 UT21241-08420 20 T14S R20E
Have received EPA approval to inject but QEP has not yet done work on the well for the conversion; this well is not injecting; would remain GW, S
4304716475 RW 43-28B UTU2000-02419 28 T7S R23E
This well has a long history; QEP has filed all paperwork with EPA but work on the well for conversion has not been done; would remain OW, S

Debbie Stanberry (303) 308-3068

From: Earlene Russell [mailto:earlenerussell@utah.gov]
Sent: Thursday, October 21, 2010 10:38 AM
To: Debbie Stanberry; Laura Bills
Subject: Fwd: Re: Questar WI wells
Debbie and Laura,
These were discussed when we did the operator change from QEP Uinta Basin to Questar E&P - long ago.

Can either of you help with provide documentation, so we can show these wells as injection?
Earlene Russell

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 8
1595 Wynkoop Street
Denver, CO 80202-1129
Phone 800-227-8917
www.epa.gov/region08

NOV 2015

Ref: 8P-W-UIC

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Laura Abrams
QEP Resources
1050 17th Street, Suite 800
Denver, Colorado 80265

RE: Underground Injection Control
Permit Extensions for EPA Permits:
UT22275-10218 Well: RW 31-32B SWD 43-047-53998
UT22276-10219 Well: RW 41-32B SWD 43-047-53997
Uintah County, Utah

Dear Ms. Abrams: 20 14S 20E

The U.S. Environmental Protection Agency Region 8 has reviewed your October 21, 2015, request for UIC permit extensions for the permits listed above. Your request was submitted in accordance with the requirements stipulated in Part II, Section A.5 of the permit. QEP Resources (QEP) is granted an extension until December 22, 2017. This extension is provided to allow QEP time to properly evaluate the conversion potential of these two wells.

Regarding the other two wells in your request, those two final permits were approved in 2009. The EPA does not intend to extend these two permits, and anticipates a timely "permit cancellation request" for both of the following UIC permit numbers:

UT21241-08420 Well: FR 9P-20-14-20 (proposed conversion) 43-047-39461
UT21193-08224 Well: RW 12SWD-5-9-24 (proposed new drill) 43-047-40341

Please remember that it is your responsibility to be aware of, and to comply with, all conditions of the permits. If you have any questions regarding this approval, please call Bruce Suchomel at (303) 312-6001 or (800) 227-8917, extension 312-6001.

Sincerely,

Darcy O'Connor
Acting Assistant Regional Administrator
Office of Partnerships and Regulatory Assistance

cc:

Uintah & Ouray Business Committee

Honorable Shaun Chapoose, Chairman
Edred Secakuku, Vice-Chairman
Reannin Tapoof, Executive Assistant

Bartholomew Stevens, Superintendent
BIA - Uintah & Ouray Indian Agency

Bart Powaukee
Environmental Director
Ute Indian Tribe

Minnie Grant
Air Quality Coordinator
Ute Indian Tribe

Bruce Pargeets
Assistant Director of Energy & Minerals Dept.
Ute Indian Tribe

Brad Hill
Utah Division of Oil, Gas, and Mining

Robin Hansen
Fluid Minerals Engineering Office
BLM - Vernal Office