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
	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-17-14-20
2. NAME OF OPERATOR: QUESTAR EXPLORATION & PRODUCTION, CO. — Contact: Jan Nelson, E-Mail: jan.nelson@questar.com	9.API NUMBER: 43-047-39463
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~~ Wildcat
4. LOCATION OF WELL (Report location clearly and in accordance with and State requirements*): At Surface 612079X 1973' FSL 807' FEL, NESE, SECTION 17, T14S, R20E; At proposed production zone 4383682Y 39.597434 -109.694676	11. SEC.,T, R, M, OR BLK & SURVEY OR AREA: SEC. 17, T14S, R20E Mer SLB
14. DISTANCE IN MILES FROM NEAREST TOWN OR POSTOFFICE*: 53+ / - 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): 807' +/-	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	19. PROPOSED DEPTH: 12,138 — 20. BLM/BIA Bond No. on file: ESB000024
21. ELEVATIONS (Show whether DF, RT, GR, ect.): 6910.0' 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. 43-047-39463 — APPROVAL DATE

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

CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY — TITLE BRADLEY G. HILL ENVIRONMENTAL MANAGER — DATE 07-30-07

*See Instructions On Reverse Side

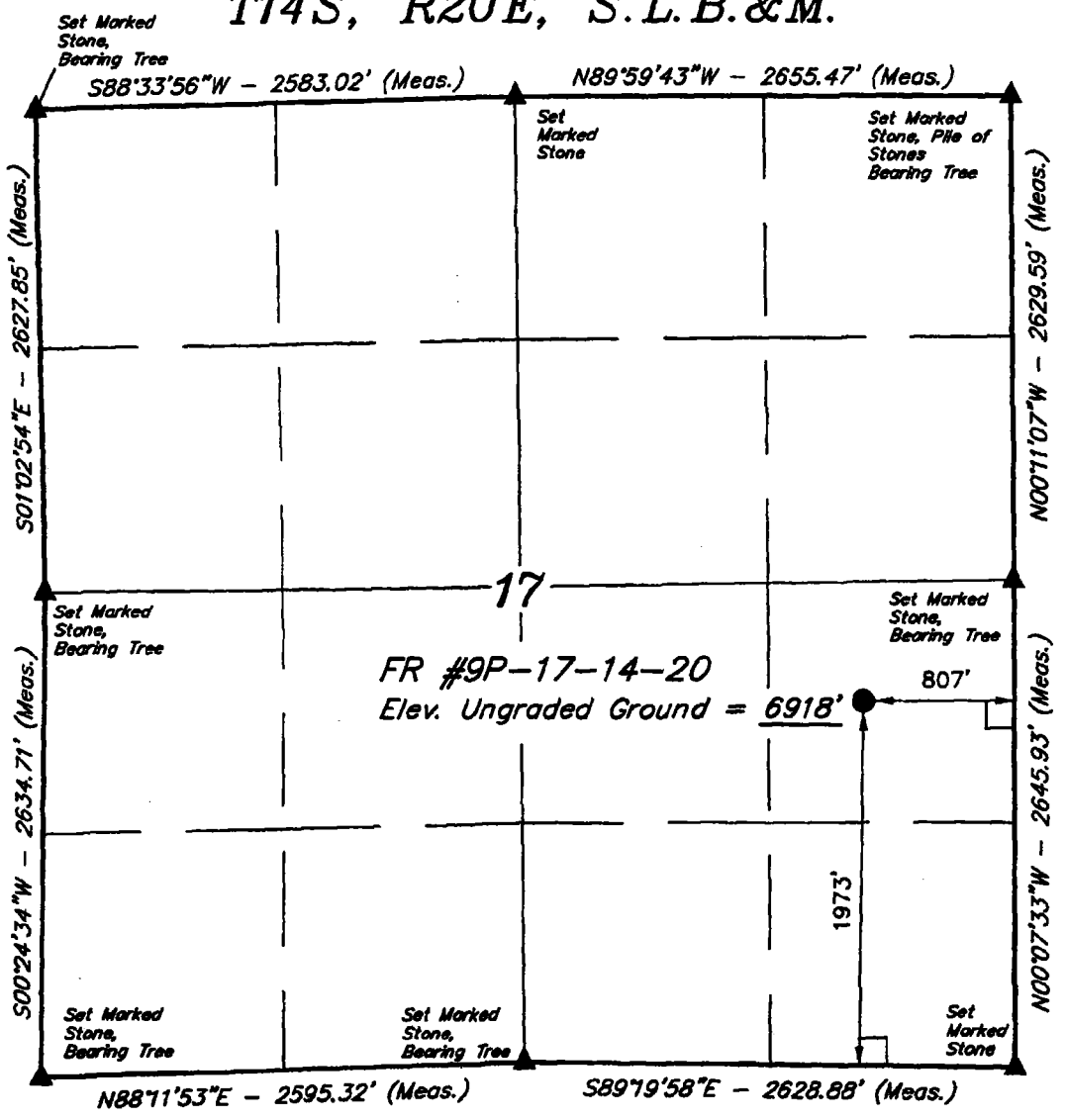
Title 18 U.S.C Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction

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

Federal Approval of this Action is Necessary

CONFIDENTIAL

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



QUESTAR EXPLR. & PROD.

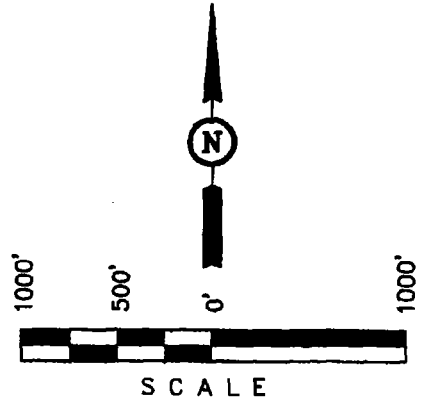
Well location, FR #9P-17-14-20, located as shown in the NE 1/4 SE 1/4 of Section 17, T14S, R20E, S.L.B.&M., Uintah County, Utah.

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

LEGEND:

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

(AUTONOMOUS NAD 83)
LATITUDE = 39°35'51.12" (39.597533)
LONGITUDE = 109°41'43.30" (109.695361)
(AUTONOMOUS NAD 27)
LATITUDE = 39°35'51.25" (39.597569)
LONGITUDE = 109°41'40.81" (109.694669)

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

SCALE	DATE SURVEYED:	DATE DRAWN:
1" = 1000'	05-30-07	05-31-07
PARTY: J.W. Q.B. 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 12,138' 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	1935	1935	
Mesa Verde	3928	3928	Gas
Castlegate	5956	5956	
Mancos	6716	6716	
Dakota Silt	10,283	10,283	
Dakota	10,378	10,378	Gas
Cedar Mountain	10,458	10,458	
Morrison	10,668	10,668	
Curtis	11,223	11,223	
Entrada	11,303	11,303	Gas
Carmel	11,628	11,628	
Wingate	11,838	11,838	Gas
TD	12,138	12,138	

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	3,929'	3,928'
Gas	Dakota	10,378'	10,378'
Gas	Entrada	11,303'	11,303'
Gas	Wingate	11,838'	11,838'

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 – 4500 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-17-14-20
1973' FSL 807' FEL
NESE, SECTION 17, 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 53 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.

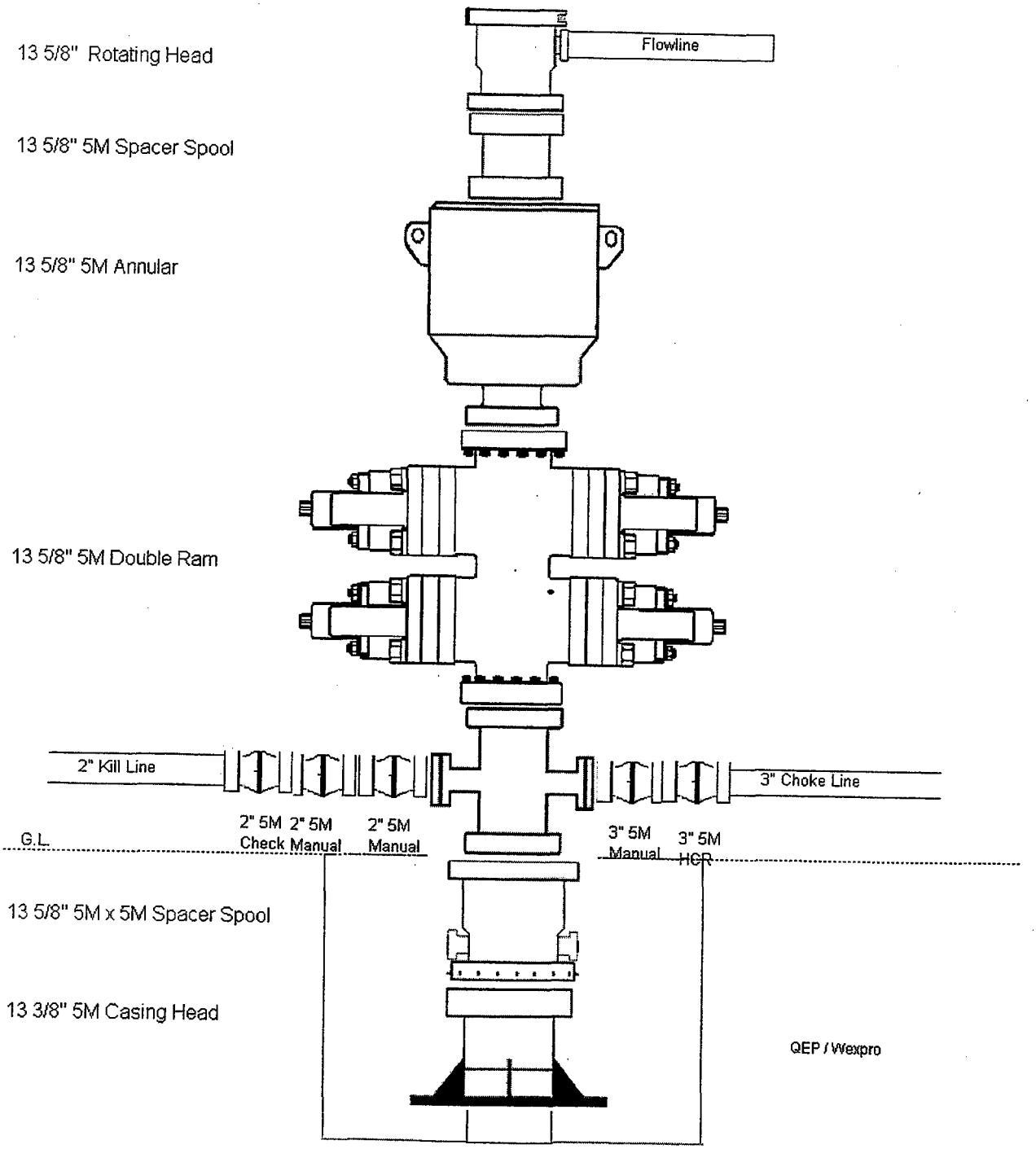
I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which currently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated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

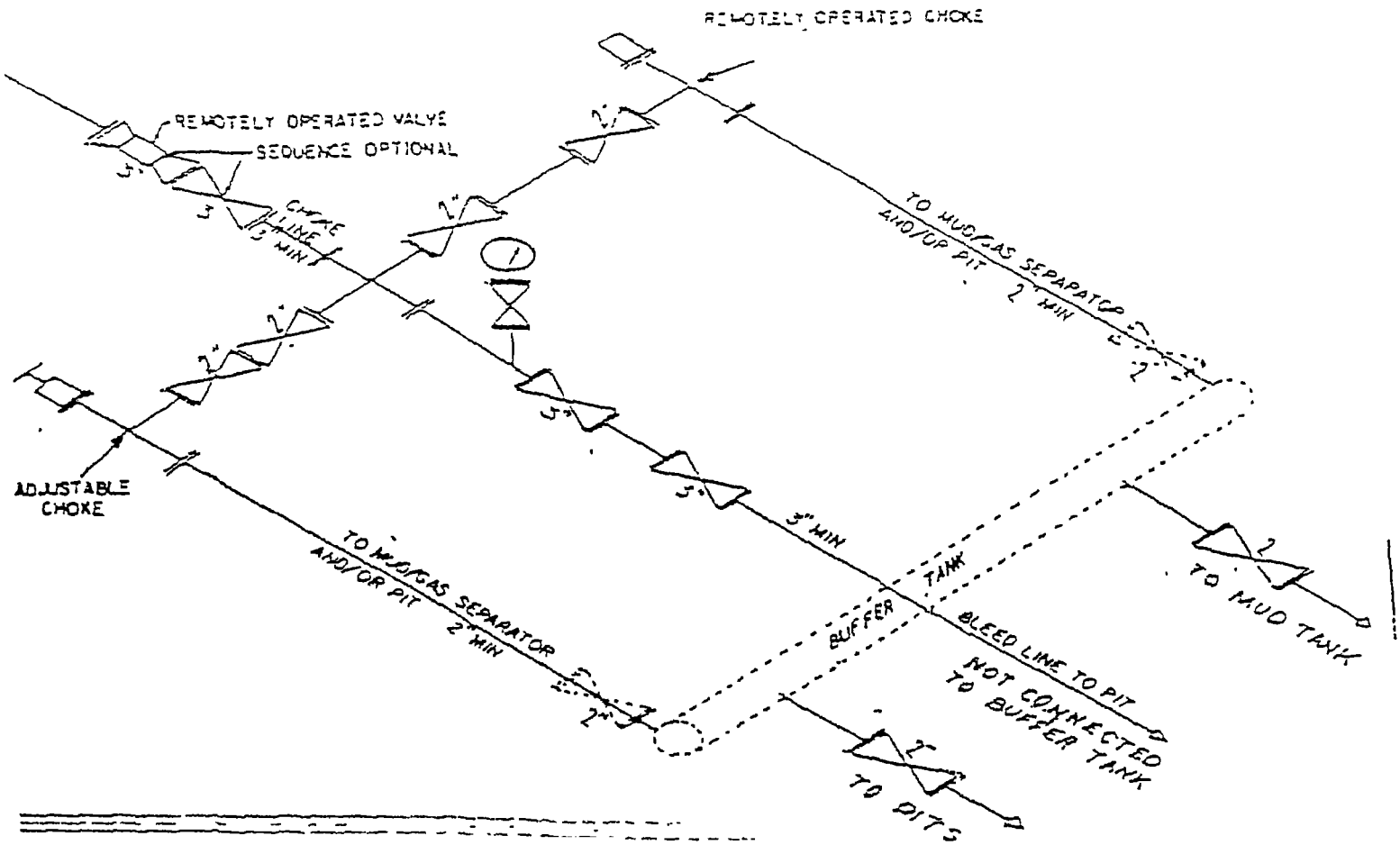
Jan Nelson
Red Wash Representative

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 Mail
Denver, Colorado 80265

FR 9P-17-14-20
Flat Rock Field
Uintah County, Utah
United States of America

Cementing Recommendation

Prepared for: Mr. Jim Davidson
July 10, 2007
Version: 1

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

HALLIBURTON

Job Information — Cement Surface Casing

FR 9P-17-14-20

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
Primary Cement	= 556.32 ft^3
	= 99.09 bbl

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 Tail	= 321 sks

Total Pipe Capacity:

500.00 ft * 0.5509 ft^3/ft	= 275.44 ft^3
	= 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 LT Cement	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

Job Information — Cement Intermediate Casing

FR 9P-17-14-20

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
Tail Cement	= 161.07 ft^3
	= 28.69 bbl

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 Tail	= 117 sks

Total Pipe Capacity:

3600.00 ft * 0.2578 ft^3/ft	= 928.06 ft^3
	= 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
50 lbm/bbl	Halliburton Super Flush (Flush/spacer Additive)	Fluid Volume:	20 bbl
42 lbm/bbl	Fresh Water (Base Fluid)		

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

Job Information — Cement Production Casing

FR 9P-17-14-20

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
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 - 12138 ft (MD)
Inner Diameter	6.500 in
Job Excess	40 %
4-1/2" Production Casing	0 - 12138 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 : (8638.00 ft fill)

600.00 ft * 0.1473 ft^3/ft * 0 %	= 88.41 ft^3
8038.00 ft * 0.12 ft^3/ft * 40 %	= 1350.29 ft^3
Total Foamed Lead Cement	= 1438.70 ft^3
	= 256.24 bbl
Sacks of Cement	= 715 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:

12138.00 ft * 0.0838 ft^3/ft	= 1017.29 ft^3
	= 181.19 bbl

Displacement Volume to Shoe Joint:

Capacity of Pipe - Shoe Joint	= 181.19 bbl - 0.63 bbl
	= 180.56 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:	8638 ft
Volume:	256.24 bbl
Calculated Sacks:	715.07 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:	11638 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:	180.56 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	180.56 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	187.34bbl	11.0	11.0	164.4	662.8

Foam Design Specifications:

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

Calculated Gas = 79625.8 scf
Additional Gas = 40000 scf
Total Gas = 119625.8 scf

QUESTAR EXPLR. & PROD.

FR #9P-17-14-20

LOCATED IN UINTAH COUNTY, UTAH
SECTION 17, T14S, R20E, S.L.B.&M.

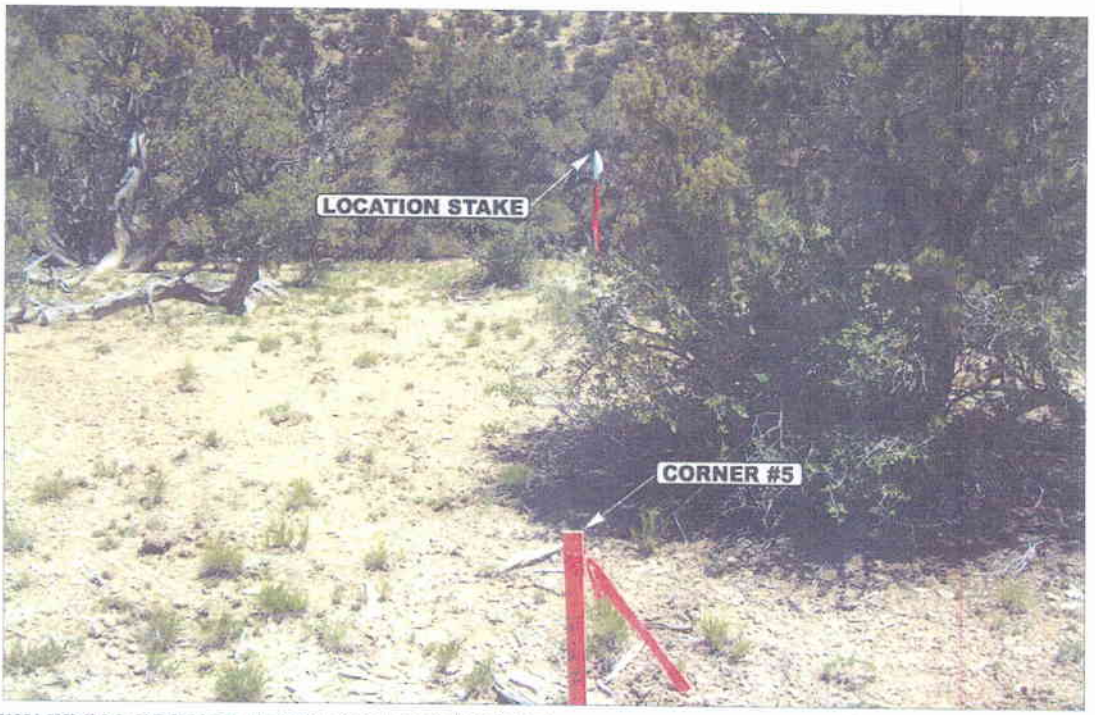


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: EASTERLY

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

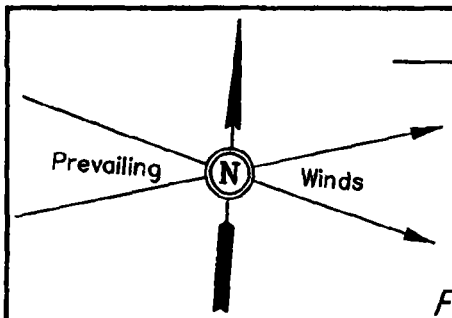
LOCATION PHOTOS	05 MONTH	31 DAY	07 YEAR	PHOTO
TAKEN BY: J.W.	DRAWN BY: L.K.	REVISED: 00-00-00		

QUESTAR EXPLR. & PROD.

LOCATION LAYOUT FOR

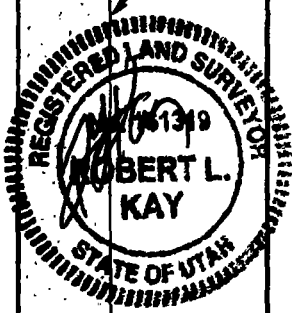
FR #9P-17-14-20
SECTION 17, T14S, R20E, S.L.B.&M.
1973' FSL 807' FEL

FIGURE #1



SCALE: 1" = 60'
DATE: 05-31-07
DRAWN BY: L.K.

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



NOTES:

Elev. Ungraded Ground At Loc. Stake = 6917.5'
FINISHED GRADE ELEV. AT LOC. STAKE = 6910.0'

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

QUESTAR EXPLR. & PROD.

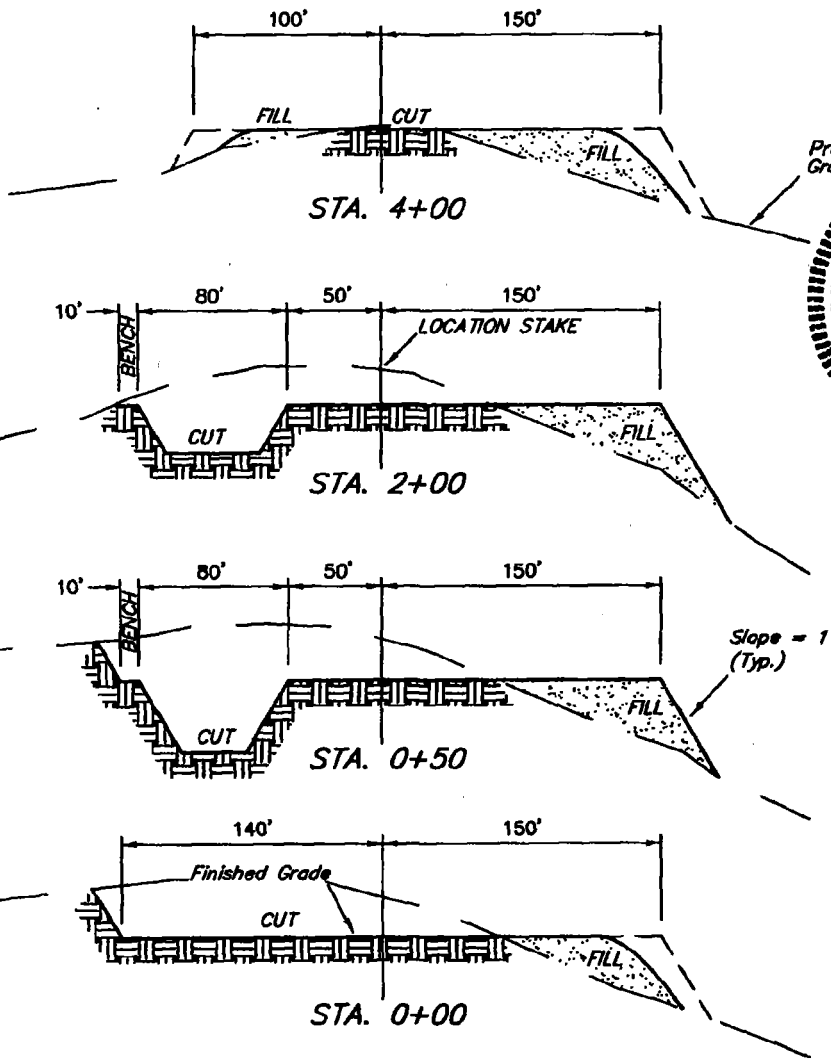
TYPICAL CROSS SECTIONS FOR

FR #9P-17-14-20
SECTION 17, T14S, R20E, S.L.B.&M.
1973' FSL 807' FEL

FIGURE #2

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

DATE: 05-31-07
DRAWN BY: L.K.



APPROXIMATE ACREAGES

WELL SITE DISTURBANCE = ± 3.340 ACRES
ACCESS ROAD DISTURBANCE = ± 0.777 ACRES
PIPELINE DISTURBANCE = ± 0.788 ACRES
TOTAL = ± 4.905 ACRES

* NOTE:
FILL QUANTITY INCLUDES 5% FOR COMPACTION

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

APPROXIMATE YARDAGES

CUT
(12") Topsoil Stripping = 5,540 Cu. Yds.
Remaining Location = 20,260 Cu. Yds.

TOTAL CUT = 25,800 CU.YDS.
FILL = 17,290 CU.YDS.

EXCESS MATERIAL = 8,510 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.) = 8,510 Cu. Yds.
EXCESS UNBALANCE (After Interim Rehabilitation) = 0 Cu. Yds.

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

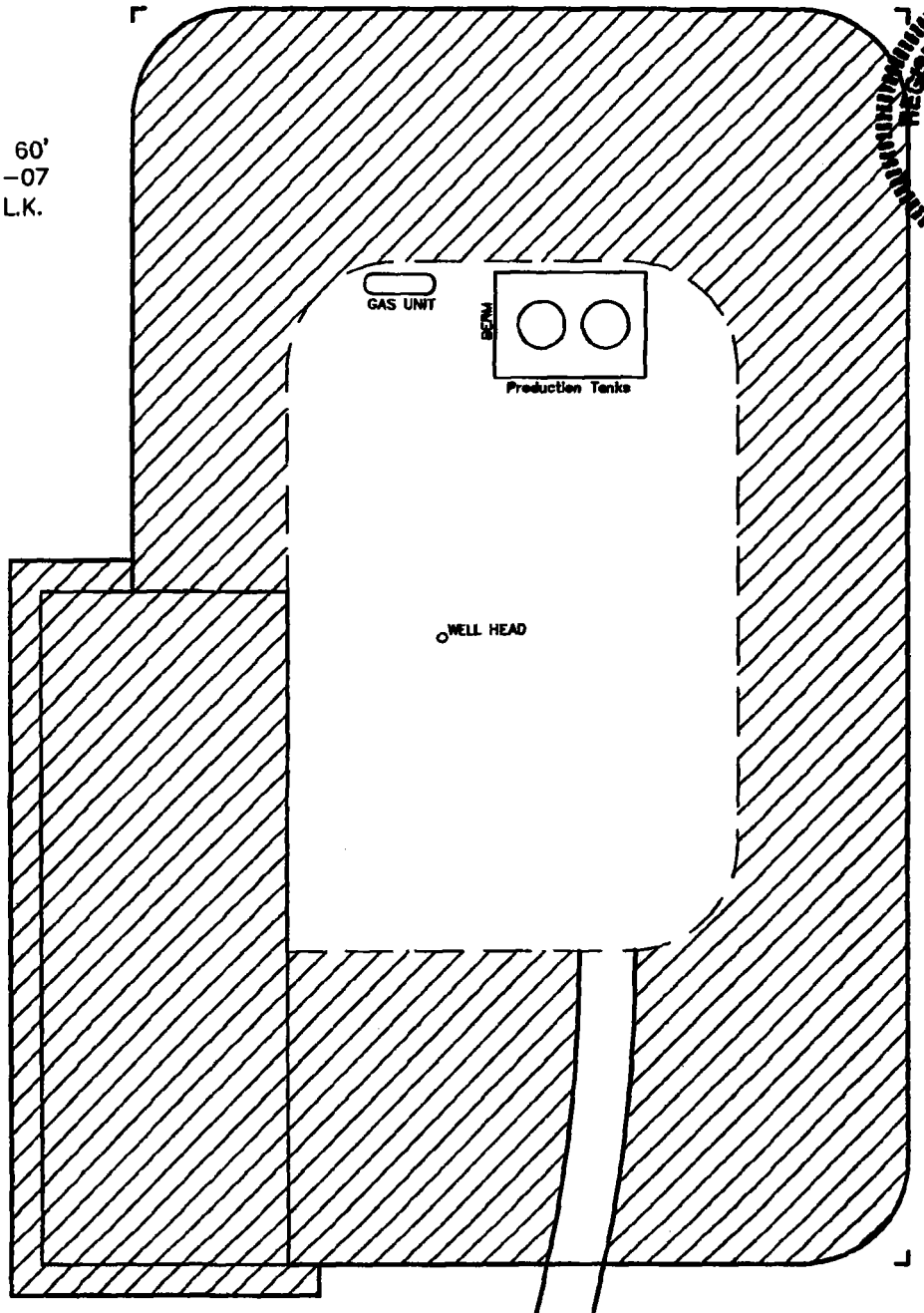
QUESTAR EXPLR. & PROD.

INTERIM RECLAMATION PLAN FOR

FR #9P-17-14-20
SECTION 17, T14S, R20E, S.L.B.&M.
1973' FSL 807' FEL

FIGURE #3

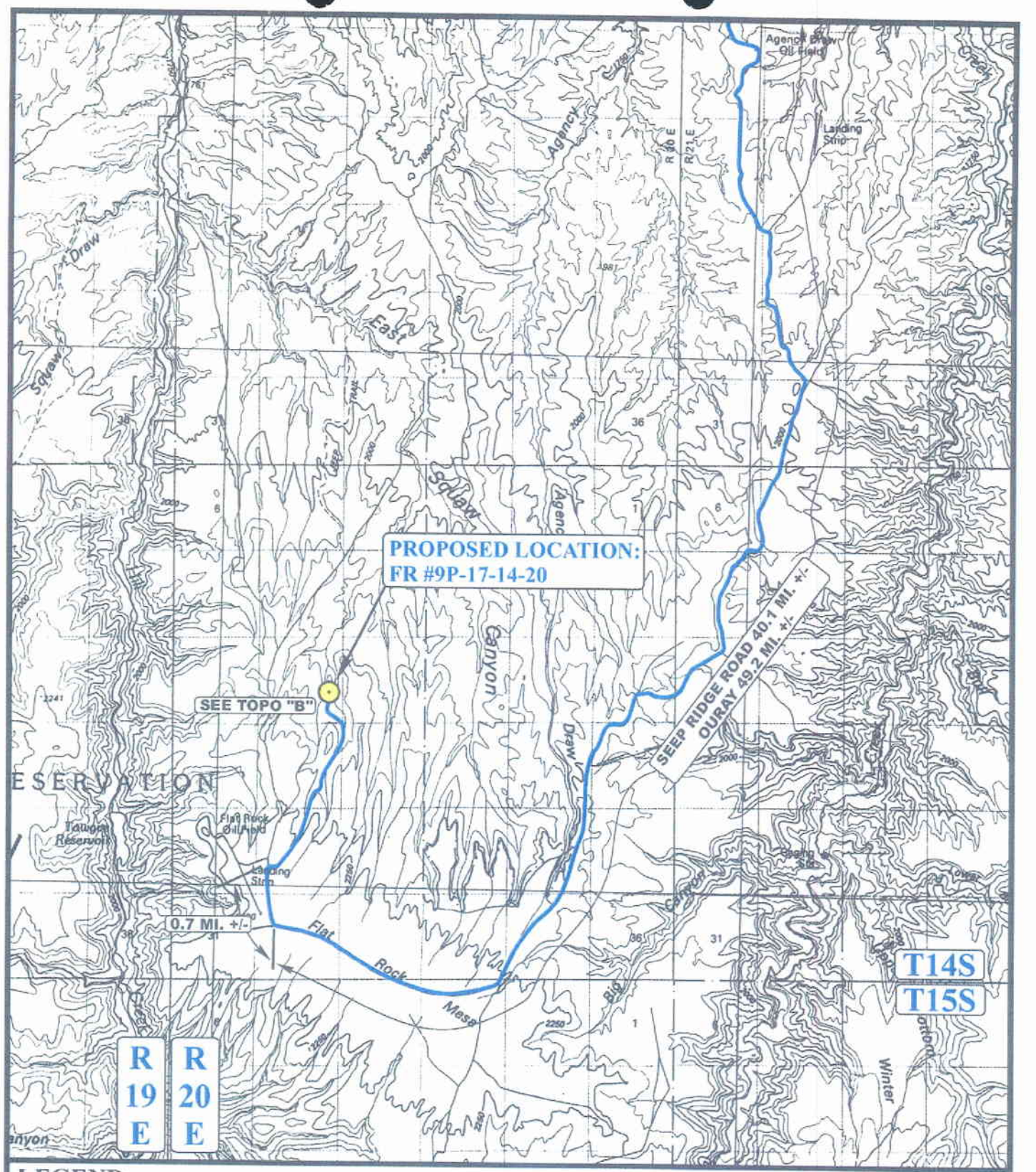
SCALE: 1" = 60'
DATE: 05-31-07
DRAWN BY: L.K.



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

INTERIM RECLAMATION

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



LEGEND:

⊙ PROPOSED LOCATION

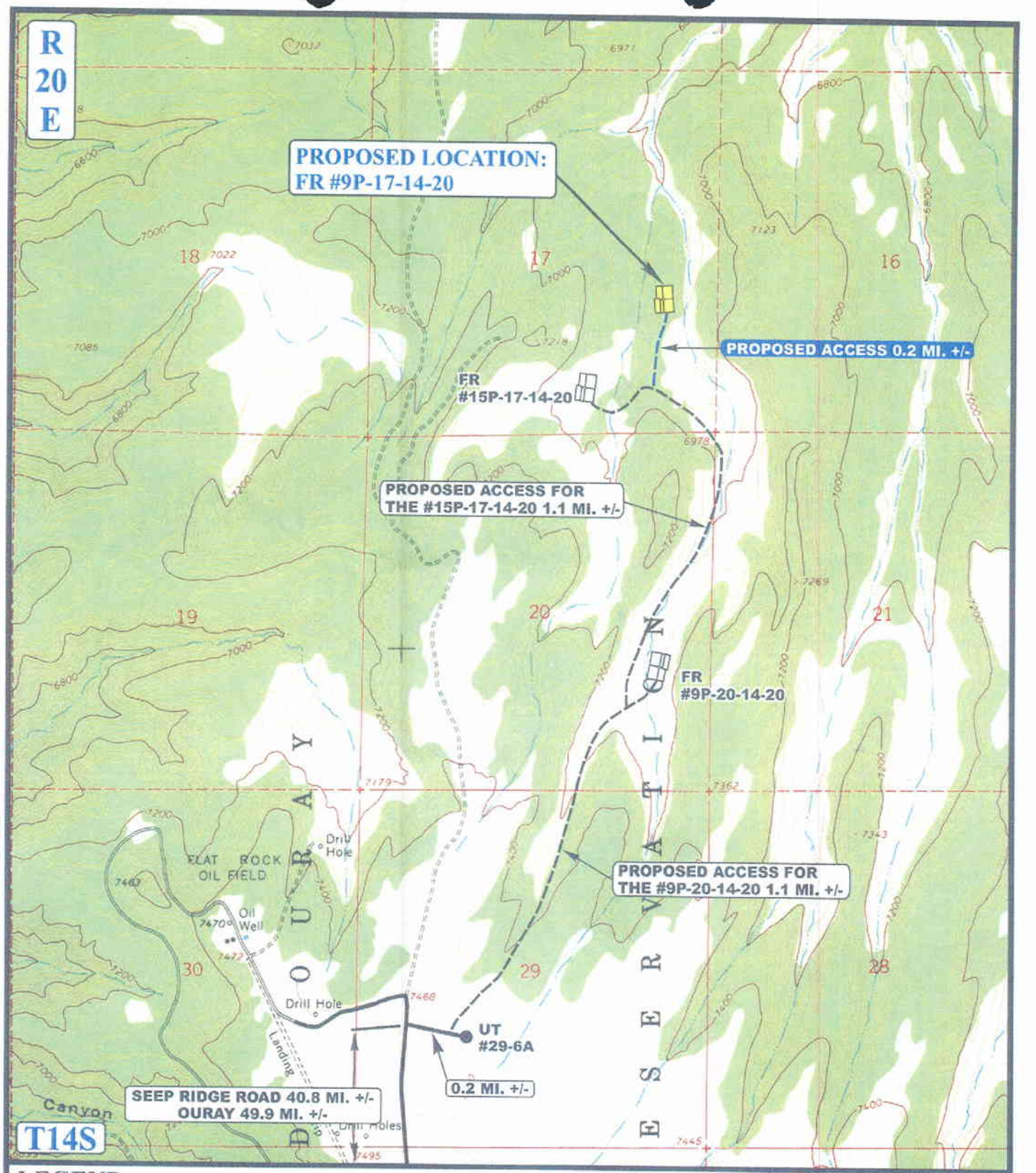
N

QUESTAR EXPLR. & PROD.

FR #9P-17-14-20
SECTION 17, T14S, R20E, S.L.B.&M.
1973' FSL 807' FEL

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

TOPOGRAPHIC MAP	05 MONTH	31 DAY	07 YEAR	A TOPO
SCALE: 1:100,000	DRAWN BY: L.K.	REVISED: 00-00-00		



LEGEND:

EXISTING ROAD

PROPOSED ACCESS ROAD

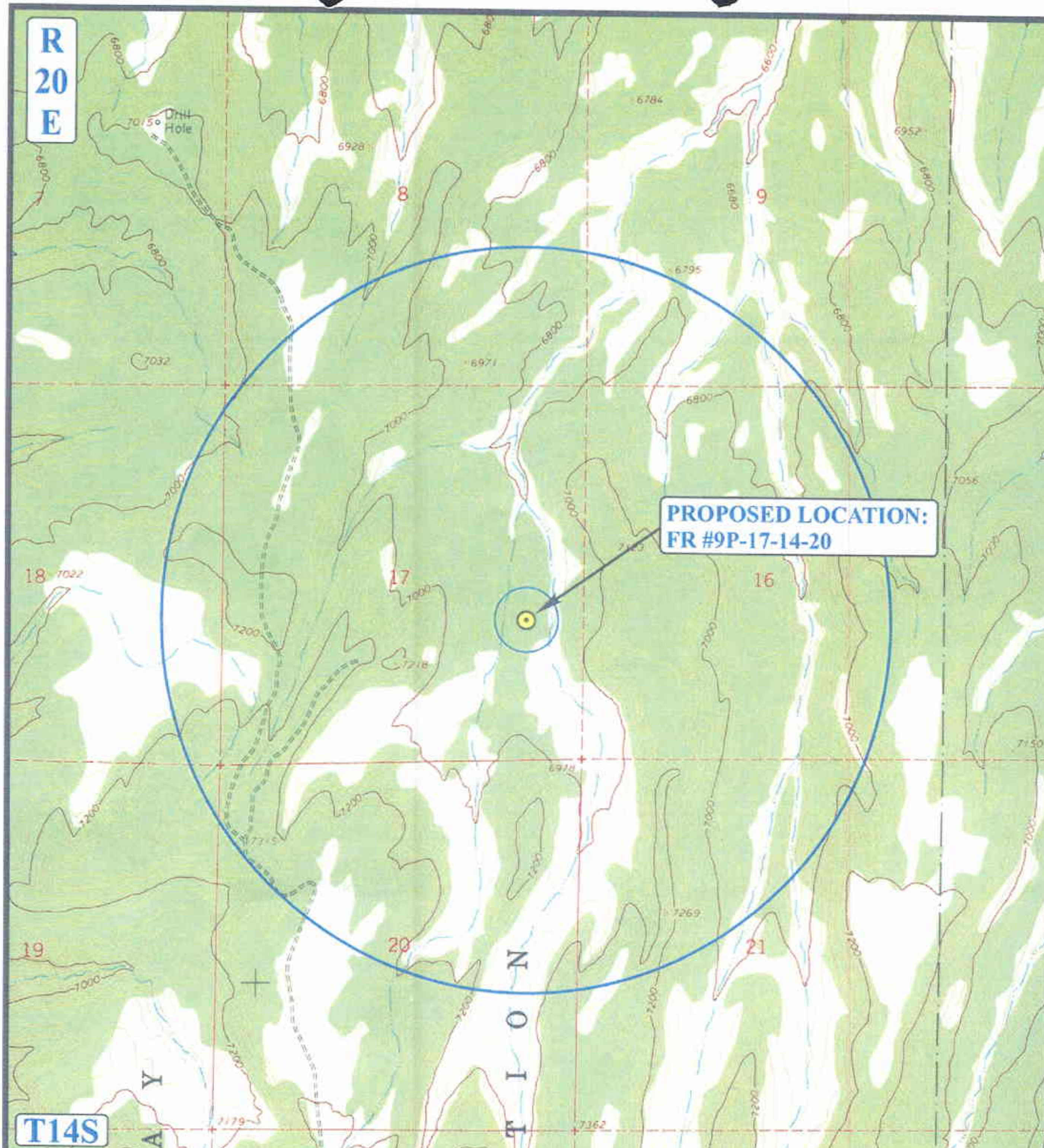
N

QUESTAR EXPLR. & PROD.

FR #9P-17-14-20
SECTION 17, T14S, R20E, S.L.B.&M.
1973' FSL 807' FEL

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

TOPOGRAPHIC MAP	05 MONTH	31 DAY	07 YEAR	B TOPO
SCALE: 1" = 2000'	DRAWN BY: L.K.	REVISED: 00-00-00		



LEGEND:

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

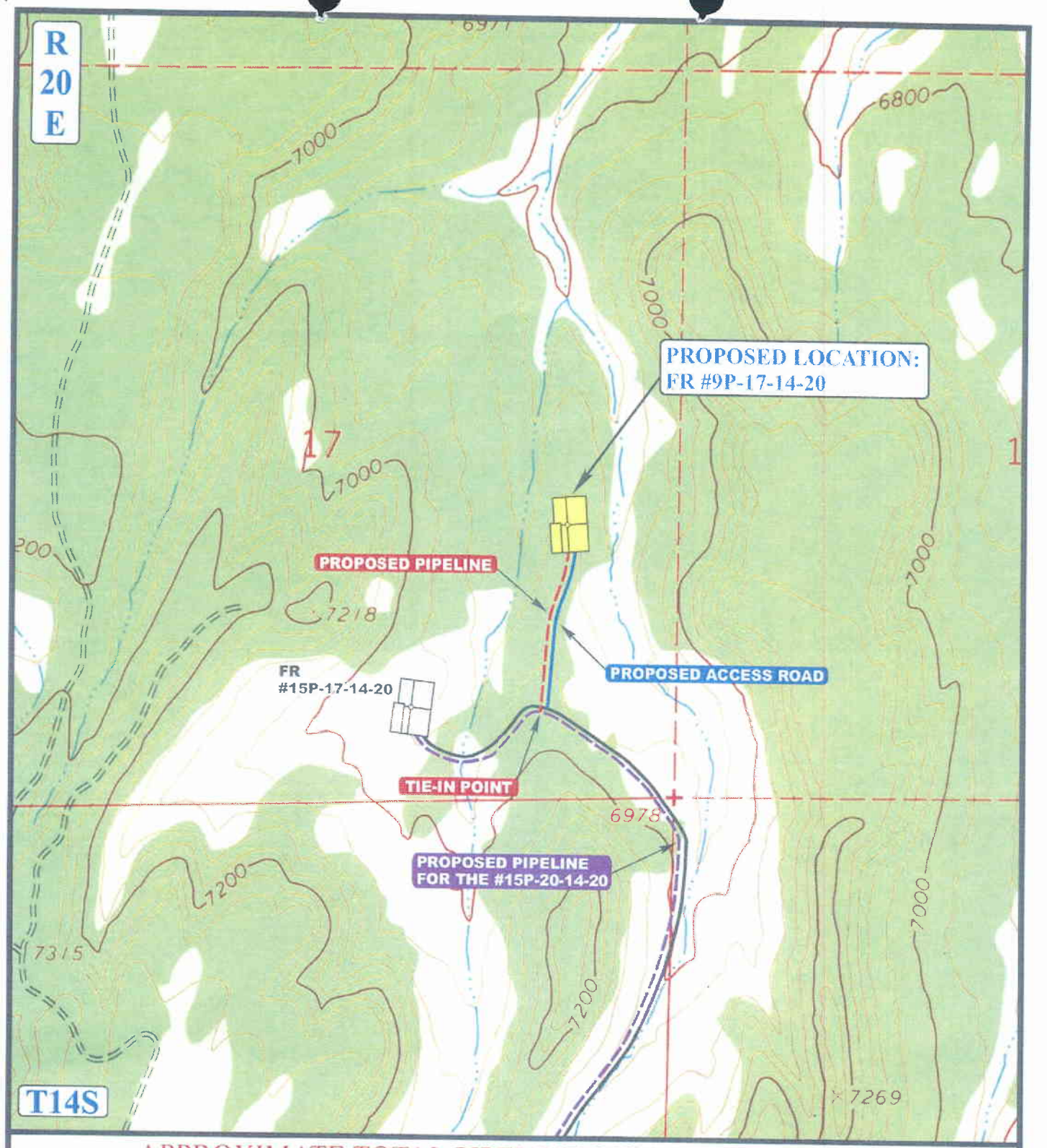
N

QUESTAR EXPLR. & PROD.

FR #9P-17-14-20
SECTION 17, T14S, R20E, S.L.B.&M.
1973' FSL 807' FEL

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

TOPOGRAPHIC MAP	05 MONTH	31 DAY	07 YEAR	C TOPO
SCALE: 1" = 2000'	DRAWN BY: L.K.	REVISED: 00-00-00		



APPROXIMATE TOTAL PIPELINE DISTANCE = 1,169' +/-

LEGEND:

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

N

UINTAH BASIN FIELD SERVICES

FR #9P-17-14-20
SECTION 17, T14S, R20E, S.L.B.&M.
1973' FSL 807' FEL

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

TOPOGRAPHIC MAP	05 MONTH	31 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: 43-047-39463

WELL NAME: FR 9P-17-14-20

OPERATOR: QUESTAR EXPLORATION & (N5085)

PHONE NUMBER: 435-781-4032

CONTACT: JAN NELSON

PROPOSED LOCATION:

NESE 17 140S 200E

SURFACE: 1973 FSL 0807 FEL

BOTTOM: 1973 FSL 0807 FEL

COUNTY: UINTAH

LATITUDE: 39.59743 LONGITUDE: -109.6947

UTM SURF EASTINGS: 612079 NORTHINGS: 4383682

FIELD NAME: WILDCAT (1)

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

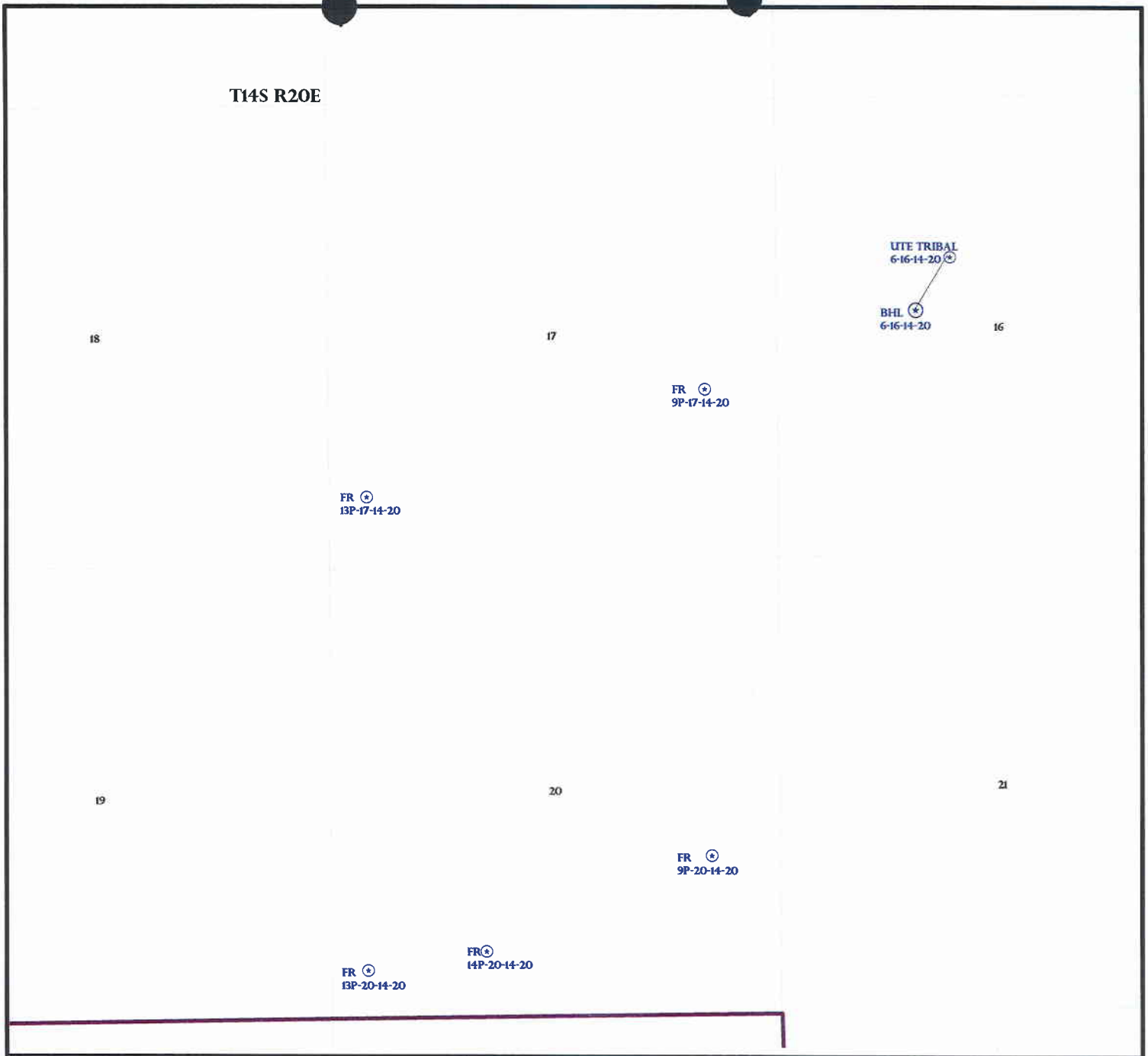
___ R649-3-3. Exception

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

___ R649-3-11. Directional Drill

COMMENTS: _____

STIPULATIONS: 1- Federal Approval
2- Spacing Slip



OPERATOR: QUESTAR EXPL & PROD (N5085)

SEC: 17 T.14S R. 20E

FIELD: WILDCAT (001)

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-17-14-20 Well, 1973' FSL, 807' FEL, NE SE, Sec. 17, 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 43-047-39463.

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-17-14-20

API Number: 43-047-39463

Lease: UTU-10164

Location: NE SE **Sec.** 17 **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 12:48
DEPT. OF THE INTERIOR
BUREAU OF LAND MGMT.

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*

5. LEASE DESIGNATION AND SERIAL NO.: UTU-10164

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: UTE TRIBE

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

TYPE OF WORK: DRILL ☑ DEEPEN ☐

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-17-14-20

2. NAME OF OPERATOR: QUESTAR EXPLORATION & PRODUCTION, CO.
Contact: Jan Nelson
E-Mail: jan.nelson@questar.com

9. API NUMBER: 43-047-39463

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: 1973' FSL 807' FEL, NESE, SECTION 17, T14S, R20E
At proposed production zone

11. SEC.,T, R, M, OR BLK & SURVEY OR AREA: SEC. 17, T14S, R20E Mer SLB

14. DISTANCE IN MILES FROM NEAREST TOWN OR POSTOFFICE*: 53+ / - 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): 807' +/-

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

19. PROPOSED DEPTH: 12,138

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

21. ELEVATIONS (Show whether DF, RT, GR, ect.): 6910.0' 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. _____ 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 12-27-2007

*See Instructions On Reverse Side

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

UDOGM

CONFIDENTIAL

CONDITIONS OF APPROVAL ATTACHED

RECEIVED
DEC 31 2007
DIV. OF OIL, GAS & MINING

NOS 7/10/07
07PP2420A

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 17, T14S, R20E**
Well No:	**FR 9P-17-14-20**	**Lease No:**	**UTU-10164**
API No:	**43-047-39463**	**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.

General Conditions of Approval

- 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:

- Two feet berm around pad
- Paint tanks Olive Black.
- 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 E&P COMPANY**

Well Name: **FR 9P-17-14-20**

Api No: **43-047-39463** Lease Type: **FEDERAL**

Section **17** Township **14S** Range **20E** County **UINTAH**

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

SPUDDED:

Date **04/28/08**

Time **NOON**

How **DRY**

Drilling will Commence:

Reported by **KERRY SALES**

Telephone # **(801) 598-5087**

Date 04/28/08 Signed CHD

Form 3160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

CONFIDENTIAL

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

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 17 14 20

2. Name of Operator
QUESTAR EXPLORATION & PRODUCTION CO.

9. API Well No.
43-047-39463

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)
1973' FSL, 807' FEL, NESE, SEC 17-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 4/28/08 – Drilled 90' of 30" conductor hole. Set 90' of 20" conductor pipe.

RECEIVED
APR 30 2008
DIV OF OIL, GAS & MINING

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

14. I hereby certify that the foregoing is true and correct
Signed **Dahn F. Caldwell** Title **Office Administator II** Date **4/28/08**

(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
	99999	16829	**43-047-39463**	**FR 9P 17 14 20**	**NESE**	**17**	**14S**	**20E**	**Uintah**	**4/28/08**	4/30/08

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 — 4/28/08
Title — Date

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

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APR 30 2008
DIV. OF OIL, GAS & MINING

Form 3160-5
(November 1994)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

SUBMIT IN TRIPLICATE - Other Instructions on reverse side

5. Lease Serial No.
UTU-10164

6. If Indian, Allottee or Tribe Name
UTE INDIAN TRIBE

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

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

8. Well Name and No.
FR 9P-17-14-20

2. Name of Operator
QUESTAR EXPLORATION & PRODUCTION CO. *Contact: Jan Nelson*

9. API Well No.
43-047-39463

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
UNDESIGNATED

4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)*
1973' FSL 807' FEL, NESE, SECTION 17, T14S, R20E

11. County or Parish, State
Uintah

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

Questar Exploration & Production Co. proposes to change the currently approved 7 5/8" intermediate casing point from 3,600' to 4,400'.

Questar Exploration & Production Co. proposes to change the TD from the currently approved 12,138' to 12,500'.

Attached you will find:
1) Revised 8 point Drilling Plan
2) Revised BOP & Choke Manifold
3) Revised Cement Program

COPY SENT TO OPERATOR
Date: 6·4·2008
Initials: KS

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

Name *(Printed/Typed)*	Title
Laura Bills	Associate Regulatory Affairs Analyst
Signature *Laura Bills*	Date May 1, 2008

THIS SPACE FOR FEDERAL OR STATE USE

Approved by	Title	Date
		Federal Approval Of This Action Is Necessary

APPROVED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING
DATE: 6/2/08
BY: *[signature]*

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

Office

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

(Instructions on reverse)

RECEIVED
MAY 05 2008
DIV. OF OIL, GAS & MINING

CONFIDENTIAL

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:

Formations	TVD & MD	Oil-Gas Zones
Green River	Surf	
Wasatch	2,430	
Mesa Verde	4,425	Gas
Castlegate	6,455	
Mancos	7,215	
Dakota Silt	10,805	
Dakota	10,840	Gas
Cedar Mountain	10,975	
Morrison	11,170	
Curtis	11,720	
Entrada	11,820	Gas
Carmel	12,135	
Wingate	12,410	Gas
TD	12,500	

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	4,425'	4,425'
Gas	Dakota	10,840'	10,840'
Gas	Entrada	11,820'	11,820'
Gas	Wingate	12,410'	12,410'

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. Function test daily.

C. All casing strings shall be pressure tested 0.2 psi/foot or 1500 psi or 70 % of casing burst pressure, whichever is greater, prior to drilling the plug after cementing. The 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 (new)
Intermediate	4,400'	9-7/8"	7 5/8"	P-110	29.7lb/ft (new)
Production	TD	6-1/2"	4-1/2"	P-110	13.5lb/ft (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 wellbore 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, the 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

C. Logging - Mud logging – 500' to TD.
GR-Resistivity-Neutron Density
BHC Sonic

D. Formation and Completion Interval: Wingate interval. The final determination of the completion intervals will be made by analysis of logs.
Stimulation – Stimulation will be designed for the particular zones of interest as encountered.

7. Cementing Program

See attached Cementing Recommendation.

*Final cement volumes to be calculated from caliper log if available. An attempt will be made to circulate intermediate cement to the surface and production cement to 3,000'. A bond log will be run across the zones 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

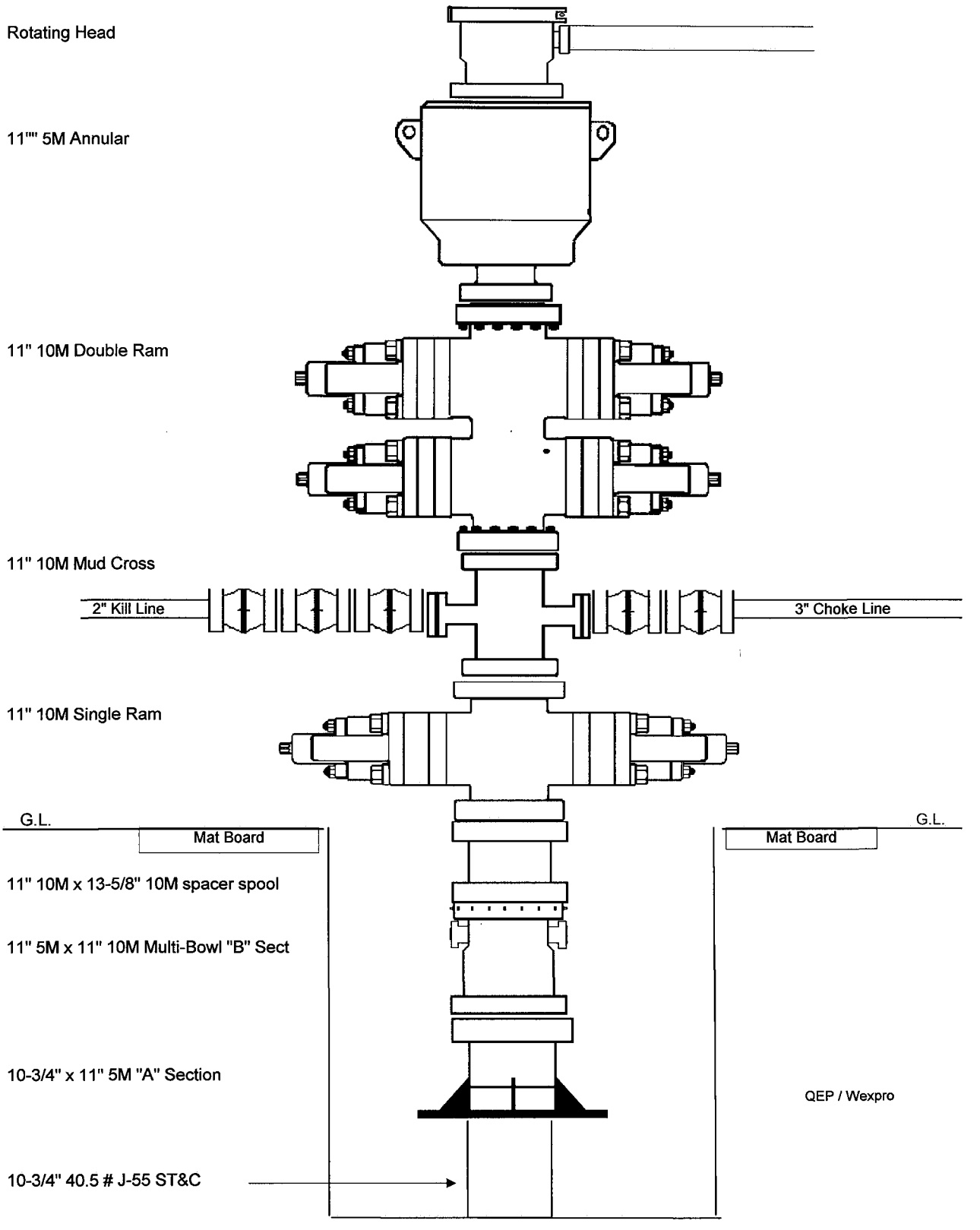
No abnormal temperatures or pressures are anticipated. No H2S has been encountered in or known to exist from previous wells drilled to similar depths in the general area. Maximum anticipated bottom hole pressure equals approximately 5522 psi. Maximum anticipated bottom hole temperature is 220° F.

9. Surface Owner

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

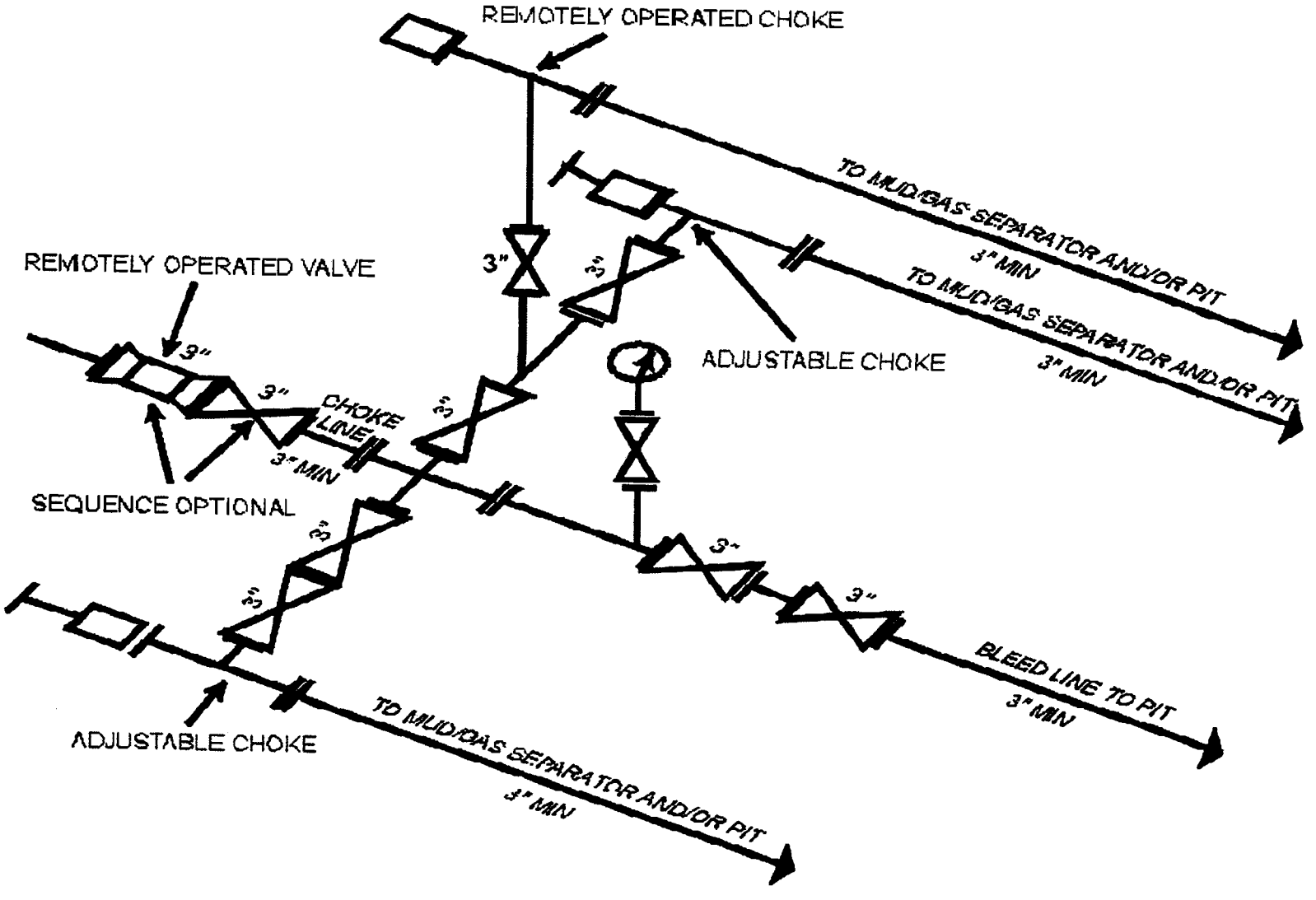
QUESTAR / WEXPRO

Typical BOP Stack for the Flat Rock Area



NOTE: The well only requires 5M equipment (and will be tested to 5M) however the proposed rig is equipped with an 11" 10M BOP.

Attachment I. Diagrams of Choke Manifold Equipment



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

[54 FR 39528, Sept. 27, 1989]

Last Updated March 25, 1997 by John Broderick

HALLIBURTON

Questar E&P Company
1050 17th Street, Ste 500
Denver, Colorado 80265

FR 9P-17-14-20
Flat Rock Field
Uintah County, Utah
United States of America

Multi-String Cementing Recommendation

Prepared for: Mr. John Owen
Office Number: 303-308-3054
April 30, 2008
Version:

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HALLIBURTON

Job Information — Cement Surface Casing

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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

Calculations — Cement Surface Casing

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
Primary Cement	= 556.32 ft^3
	= 99.09 bbl

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 Tail	= 321 sks

Total Pipe Capacity:

500.00 ft * 0.5509 ft^3/ft	= 275.44 ft^3
	= 49.06 bbl

Displacement Volume to Shoe Joint:

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

Job Recommendation — Cement Surface Casing

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

Job Procedure — Cement Surface Casing

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 LT Cement	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

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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 - 4400 ft (MD)
Inner Diameter	9.875 in
Job Excess	50 %
7-5/8" Intermediate Casing	0 - 4400 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

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

50 lbm/bbl Halliburton Super Flush (Flush/spacer Additive)
42 lbm/bbl Fresh Water (Base Fluid)

Fluid 3: Water Spacer
Fresh Water Behind

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

Fluid 4: Foamed Lead Cement
ELASTISEAL SYSTEM
1.5 % FDP-C760-04 (Fdp Additive)

Fluid Weight	14.30 lbm/gal
Slurry Yield:	1.47 ft^3/sk
Total Mixing Fluid:	6.41 Gal/sk
Top of Fluid:	0 ft
Calculated Fill:	2200 ft
Volume:	118.36 bbl
Calculated Sacks:	263.56 sks
Proposed Sacks:	265 sks

Fluid 5: Foamed Lead Cement
ELASTISEAL SYSTEM
1.5 % FDP-C760-04 (Fdp Additive)

Fluid Weight	14.30 lbm/gal
Slurry Yield:	1.47 ft^3/sk
Total Mixing Fluid:	6.41 Gal/sk
Top of Fluid:	2200 ft
Calculated Fill:	1700 ft
Volume:	97.54 bbl
Calculated Sacks:	280.20 sks
Proposed Sacks:	285 sks

Fluid 6: Unfoamed Tail Cement
ELASTISEAL SYSTEM

Fluid Weight	14.30 lbm/gal
Slurry Yield:	1.47 ft^3/sk
Total Mixing Fluid:	6.40 Gal/sk
Top of Fluid:	3900 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
94 lbm/sk Premium Cement (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: 200 sks

Job Procedure — *Intermediate Casing*

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 Elastiseal	14.3	5.0	265 sks
5	Cement	11 ppg Foamed Elastiseal Cement	14.3	5.0	285 sks
6	Cement	Unfoamed Elastiseal	14.3	5.0	120 sks
7	Spacer	Displacement	8.3	7.0	307.70 bbl
8	Cement	Cap Cement	14.6	1.5	200 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 Elastiseal	69.00bbl	8.5	8.5	23.3	288.6
5	11 ppg Foamed Elastiseal Cement	73.36bbl	11.0	11.0	125.0	246.2

Foam Design Specifications:

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

Calculated Gas = 24576.0 scf
Additional Gas = 40000 scf
Total Gas = 64576.0 scf

Job Information — Production Casing

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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
7-5/8" Intermediate Casing	0 - 4400 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	4400 - 12500 ft (MD)
Inner Diameter	6.500 in
Job Excess	40 %
4-1/2" Production Casing	0 - 12500 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
BHCT	180 degF

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
ELASTISEAL SYSTEM
1.5 % FDP-C760-04 (Fdp Additive)

Fluid Weight	14.30 lbm/gal
Slurry Yield:	1.47 ft^3/sk
Total Mixing Fluid:	6.41 Gal/sk
Top of Fluid:	3000 ft
Calculated Fill:	9000 ft
Volume:	264.00 bbl
Calculated Sacks:	736.60 sks
Proposed Sacks:	740 sks

Fluid 5: Tail Cement
ELASTISEAL SYSTEM

Fluid Weight	14.30 lbm/gal
Slurry Yield:	1.47 ft^3/sk
Total Mixing Fluid:	6.40 Gal/sk
Top of Fluid:	11825 ft
Calculated Fill:	500 ft
Volume:	15.59 bbl
Calculated Sacks:	59.57 sks
Proposed Sacks:	60 sks

Fluid 6: Water Spacer
Displacement

Fluid Density:	8.34 lbm/gal
Fluid Volume:	185.95 bbl

Fluid 7: Top Out Cement
Premium Cement
94 lbm/sk Premium Cement (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	Elastiseal Foamed Lead	14.3	5.0	740 sks
5	Cement	Elastiseal Unfoamed Tail	14.3	5.0	60 sks
6	Spacer	Displacement	8.3	7.0	185.95 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	Elastiseal Foamed Lead	192.8bbl	11.0	11.0	164.4	673.1

Foam Design Specifications:

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

Calculated Gas = 81877.9 scf
Additional Gas = 40000 scf
Total Gas = 121877.9 scf

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Operations Summary Report

Legal Well Name: FR 9P-17-14-20
Common Well Name: FR 9P-17-14-20
Event Name: DRILLING
Contractor Name: Unit Drilling Co.
Rig Name: UNIT

Start: 4/30/2008
Rig Release:
Rig Number: 232

Spud Date: 4/28/2008
End:
Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
5/2/2008	06:00 - 08:00	2.00	DRL	1	DRLCON	PETE MARTON RAT HOLE, DRILL 30" HOLE 90' DEEP AND SET 20" CONDUCTOR PIPE. PRESSURE CEMENT WITH 15.8 PPG, YEALD 1.15, 5 GAL/SK, 390 SKS, 80 BBL.
	08:00 - 09:00	1.00	LOC	4	MIRU	MOVE IN AND RIG UP.
	09:00 - 23:00	14.00	DRL	1	DRLSUR	DRILL 15 1/2" SURFACE HOLE FROM 80' TO 570'. 22' OF RAT HOLE. BLOW DOWN HOLE CLEAN. GROUND LEVEL MEASURMENTS.
	23:00 - 00:30	1.50	TRP	3	DRLSUR	LAY DOWN DRILL PIPE AND BHA.
	00:30 - 02:00	1.50	CSG	2	CSGSUR	PRE JOB SAFETY MEETING. RIG UP AND RUN 13 JOINTS OF 10 3/4", J-55, 40.5#, ST&C AS FOLLOWS: SHOE AT 548', FLOAT COLLAR 503.22'. RAN 3 CENTRALIZERS ON BOTTOM FROM 538' TO 418' AND ONE AT 126'. ALL MEASURMENTS ARE FROM GROUND LEVEL.
	02:00 - 03:30	1.50	CMT	2	CSGSUR	SAFETY MEETING. CEMENT AS FOLLOWS: 80 BBL OF WATER, 20 BBL OF GEL SLICK WATER. TAIL 92 BBL, 450 SKS, 15.8 PPG, YEALD 1.15, 5 GAL/SK. PLUG BUMPED, FLOATS HELD, 10 BBL OF GOOD CEMENT BACK, CIP @ 14:28 HRS. DUE TO SMALL AMOUNT OF FLOW BACK WE SHUT IN HEAD WITH 300 PSI FOR 2 1/2 HRS AND MONITERED BACK SIDE. NO TOP JOB NEEDED. BLED OFF PRESSURE AND NO FLOW BACK.
	03:30 - 06:00	2.50	WOT	1	CSGSUR	WAIT ON CEMENT.
5/25/2008	06:00 - 18:00	12.00	LOC	4	MIRU	RIG DOWN RIG FLOOR, BLUEY LINES, TOP DRIVE GUIDE RAIL, LAY OVER DERRICK. 75% RIGGED DOWN, 0 MOVED, 0 RIGGED UP
	18:00 - 06:00	12.00	OTH		MIRU	RIG IDLE, WAIT ON DAYLIGHT
5/26/2008	06:00 - 18:00	12.00	LOC	3	MIRU	UNSTRING BLOCKS, GET DERRICK READY TO MOVE, INSPECT TOP DRIVE LOAD PATH & 500 DAY, CLEAN WATER TANK,
	18:00 - 06:00	12.00	OTH		MIRU	WAIT ON DAYLIGHT
5/27/2008	06:00 - 18:00	12.00	LOC	3	MIRU	GO THROUGH PUMPS, LAY OUT NEW LOCATION
	18:00 - 06:00	12.00	OTH		MIRU	RIG IDLE,WAIT ON DAY LIGHT
5/28/2008	06:00 - 18:00	12.00	LOC	3	MIRU	MOVE RIG; MOTOR PACAGE, SCR HOUSE, PUMPS, MATS, CHANGE HOUSE, FUEL TANK; 90% RIGGED DOWN, 10% MOVED, 0% RIGGED UP
	18:00 - 06:00	12.00	OTH		MIRU	RIG IDLE, WAIT ON DAY LIGHT
5/29/2008	06:00 - 18:00	12.00	LOC	3	MIRU	LAY OVER "A" LEGS, LOAD OUT DERRICK, UNFROG SUB, MOVE SUB, BOP, CHOKE HOUSE, R/D BAR HOPPERS, SET MATS & PUMPS & MOTORS, SET SINGLE & DOUBLE RAM BOP ON WELL HEAD,MATS & BOTTOM SUB SET
	18:00 - 06:00	12.00	OTH		MIRU	RIG IDLE, WAIT ON DAYLIGHT
5/30/2008	06:00 - 18:00	12.00	LOC	3	MIRU	LOAD OUT MOTOR FOR TOP DRIVE & SEA CAN, LOADED OUT BIT HOUSE, 40' SEA CAN, LOCK UP & RIG CAMP; SET RIG CAMP, CHANGE HOUSE, BIT HOUSE
	18:00 - 06:00	12.00	OTH		MIRU	RIG IDLE, WATE ON DAYLIGHT
5/31/2008	06:00 - 18:00	12.00	LOC	4	MIRU	SET TOP SUB HALF's, INSTALL SPREADERS, SET DRAWWOPKS, CHOKE HOUSE, GAS BUSTER, SHAKERS, TOP DRIVE MOTOR & SEA CAN; MOVE DRILL PIPE, TWO TRUCK DERRICK TO NEW LOCATION
	18:00 - 06:00	12.00	OTH		MIRU	RIG IDLE, WAIT ON DAYLIGHT
6/1/2008	06:00 - 18:00	12.00	LOC	4	MIRU	PIN DERRICK & DRESS, SET DOG HOUSE, SET IN AIR PACAGE, SET SET IN BACK YARD, UNLOAD MUD PRODUCTS
	18:00 - 06:00	12.00	OTH		MIRU	RIG IDLE, WAIT ON DAYLIGHT
6/2/2008	06:00 - 18:00	12.00	LOC	4	MIRU	INSTALL BOARD ON DERRICK, RAISE DERRICK, BRIDLE DOWN,

Operations Summary Report

Legal Well Name: FR 9P-17-14-20
Common Well Name: FR 9P-17-14-20 Spud Date: 4/28/2008
Event Name: DRILLING Start: 4/30/2008 End:
Contractor Name: Unit Drilling Co. Rig Release: Group:
Rig Name: UNIT Rig Number: 232

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
6/2/2008	06:00 - 18:00	12.00	LOC	4	MIRU	INSTALL FLOOR PLATES, RIG UP FLOOR, WELD ON BLOOIE LINE, CUT DITCHES AROUND RIG
	18:00 - 06:00	12.00	OTH		MIRU	RIG IDLE, WAIT ON DAYLIGHT
6/3/2008	06:00 - 23:00	17.00	LOC	4	MIRU	PICK UP TOP DRIVR RAIL, TOP DRIVE & RUN OUT
	23:00 - 04:00	5.00	BOP	2	DRLIN1	TEST BOP & CHOKE MANAFOLD TO 250 LOW & 5000 HIGH, ANNULAR TO 250 LOW & 2500 HIGH, UPPER & LOWER KELLY VALVES,FLOOR & DART VALVES 250 LOW 5000 HIGH, KELLY HOSE & MUD LINES BACK TO PUMP 250 LOW 2500 HIGH
	04:00 - 06:00	2.00	OTH		DRLIN1	PERFORM PERSPUD INSPECTION
6/4/2008	06:00 - 06:30	0.50	OTH		DRLIN1	HLOD SAFETY MEETING WITH WEATHERFORD & BOTH UNIT CREWS ABOUT DRILLING WITH AIR & TRAPED PRESSURE
	06:30 - 11:00	4.50	TRP	1	DRLIN1	P/U BHA
	11:00 - 13:30	2.50	DRL	4	DRLIN1	TAGED CEMENT @ 485' DRLG CEMENT F/ 485 T/ 596, FLOAT COLLAR @ 524', SHOE @ 596' 1500 CFM, 45 GPM SOAP & WATER, WOB 5, TDRPM 40, MOTOR .24 RPG
	13:30 - 06:00	16.50	DRL	1	DRLIN1	DRLG F/ 596 T/ 1740 WOB 10/15, TDRPM 45, 1500 CFM, 45 GPM SOAP & WATER
6/5/2008	06:00 - 08:30	2.50	DRL	1	DRLIN1	DRLG F/ 1740 T/ 1869 WOB 15, TDRPM 45, TRPM 115, CFM 1500, 35 GPM WATER & SOAP
	08:30 - 09:00	0.50	RIG	1	DRLIN1	RIG SERVICE
	09:00 - 12:00	3.00	DRL	1	DRLIN1	DRLG F/ 1869 T/ 2062 WOB 15, TDRPM 45, TRPM 115, CFM 1500, 35 GPM WATER & SOAP
	12:00 - 12:30	0.50	SUR	1	DRLIN1	SURVEY @ 2062 (MIS-RUN)
	12:30 - 14:30	2.00	DRL	1	DRLIN1	DRLG F/ 2062 - 2159 WOB 15, TDRPM 45 TRPM 115, CFM 1500, 35 GPM WATER & SOAP
	14:30 - 15:00	0.50	SUR	1	DRLIN1	SURVEY @ 2159 (MIS-RUN)
	15:00 - 16:30	1.50	DRL	1	DRLIN1	DRLG F/ 2159 - 2258 WOB 15, TDRPM 45, TRPM 115, CFM 1500, 35 GPM WATER & SOAP
	16:30 - 17:00	0.50	SUR	1	DRLIN1	SURVEY@ 2258 (DEV. 0 - AZI - 0)
	17:00 - 23:30	6.50	DRL	1	DRLIN1	DRLG F/ 2258 - 2550 WOB 15, TDRPM 45, TRPM 115, CFM 1500, 35 GPM WATER & SOAP
	23:30 - 00:30	1.00	SUR	1	DRLIN1	CIRC. & SURVEY (DEV.0 - AZI-0)
	00:30 - 06:00	5.50	DRL	1	DRLIN1	DRLG F/ 2550 - 2763 - WOB 15, TDRPM 45, TRPM 115, CFM 1500, 35 GPM WATER & SOAP
6/6/2008	06:00 - 10:30	4.50	DRL	1	DRLIN1	DRLG F/ 2,763 TO 2,836 WOB 15, TDRPM 45, TRPM 115, CFM 1500, 35 GPM 680 PSI / WATER & SOAP
	10:30 - 11:00	0.50	RIG	1	DRLIN1	RIG SERVICE
	11:00 - 11:30	0.50	SEQ	5	DRLIN1	WORK ON BLOOWEE LINE
	11:30 - 05:00	17.50	DRL	1	DRLIN1	DRLG F/2,836 TO 3,450 WOB 20, TDRPM 45, TRPM 115, CFM 1500, 35 GPM 680 PSI / WATER & SOAP
	05:00 - 06:00	1.00	CIRC	1	DRLIN1	UNLOAD HOLE & CIRC, CONN.
6/7/2008	06:00 - 11:00	5.00	DRL	1	DRLIN1	DRLG F/ 3,450 TO 3,614 WOB 10/15, TDRPM 45, TRPM 115, CFM 1500, 35 GPM 680 PSI / WATER & SOAP
	11:00 - 11:30	0.50	RIG	1	DRLIN1	RIG SERVICE
	11:30 - 12:30	1.00	DRL	1	DRLIN1	DRLG F/ 3,614 TO 3,638 WOB 10/15, TDRPM 45, TRPM 115, CFM 1500, 35 GPM 680 PSI / WATER & SOAP
	12:30 - 13:30	1.00	CIRC	1	DRLIN1	CIRC & UNLOAD HOLE
	13:30 - 20:00	6.50	DRL	1	DRLIN1	DRLG F/ 3,638 TO 3,807 WOB 10/15, TDRPM 45, TRPM 115, CFM 1500, 35 GPM 680 PSI / WATER & SOAP
	20:00 - 20:30	0.50	CIRC	1	DRLIN1	CIRC & UNLOAD HOLE
	20:30 - 23:30	3.00	DRL	1	DRLIN1	DRLG F/ 3,807 TO 3,904 WOB 10/15, TDRPM 45, TRPM 120, CFM 1500, 39 GPM 780 PSI / WATER & SOAP
	23:30 - 00:00	0.50	CIRC	1	DRLIN1	CIRC & UNLOAD HOLE

Operations Summary Report

Legal Well Name: FR 9P-17-14-20
Common Well Name: FR 9P-17-14-20 Spud Date: 4/28/2008
Event Name: DRILLING Start: 4/30/2008 End:
Contractor Name: Unit Drilling Co. Rig Release: Group:
Rig Name: UNIT Rig Number: 232

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
6/7/2008	00:00 - 03:30	3.50	DRL	1	DRLIN1	DRLG F/ 3,904 TO 4,000 WOB 10/15, TDRPM 45, TRPM 120, CFM 1500, 39 GPM 780 PSI / WATER & SOAP
	03:30 - 04:30	1.00	CIRC	1	DRLIN1	CIRC & UNLOAD HOLE AND PUMP WITH MUD PUMP @ 85 SPM W/250 GPM CFM 1000 MISPUMP 10 GPM
	04:30 - 06:00	1.50	DRL	1	DRLIN1	DRLG F/ 4,000 TO 4,020 WOB 10/15, TDRPM 45, TRPM 120, CFM 1000, 260 GPM 340 PSI / WATER & SOAP
6/8/2008	06:00 - 13:00	7.00	DRL	1	DRLIN1	DRLG F/ 4,020 TO 4,097 WOB 10/15, TDRPM 45, TRPM 120, CFM 1000, 260 GPM 340 PSI / WATER & SOAP
	13:00 - 14:00	1.00	CIRC	3	DRLIN1	BACK CRM DOWN 1000 PSI & RUN RIG PUMPS 95 STRKS 285 GPM & LOAD HOLE W/WATER
	14:00 - 14:30	0.50	DRL	1	DRLIN1	DRLG F/ 4,097 TO 4,101/ WOB 15/25, TDRPM 45, TRPM 120, CFM 1000, 285 GPM, 530 PSI / WATER & SOAP
	14:30 - 15:00	0.50	CIRC	3	DRLIN1	LOAD HOLE W / WATER
	15:00 - 17:00	2.00	DRL	1	DRLIN1	DRLG F/ 4,101 TO 4,130 / WOB 15/25, TDRPM 45, TRPM 120, CFM 1000, 285 GPM, 530 PSI / WATER & SOAP
	17:00 - 18:00	1.00	CIRC	3	DRLIN1	SHUT AIR OFF & LOAD HOLE WITH WATER F/ TRIP
	18:00 - 20:30	2.50	TRP	10	DRLIN1	TRIP OUT F/ BIT & MOTOR (10 - 15K DRAG iN SPOTS)
	20:30 - 21:30	1.00	TRP	1	DRLIN1	CHANGE OUT MOTOR & BIT
	21:30 - 22:30	1.00	TRP	2	DRLIN1	TRIP TO THE SHOE @ 570
	22:30 - 23:30	1.00	RIG	6	DRLIN1	CUT DRILL LINE
	23:30 - 01:30	2.00	TRP	2	DRLIN1	TRIP IN TO @ 4000 (130' FILL)
	01:30 - 06:00	4.50	CIRC	3	DRLIN1	CLEAN & UNLOAD HOLE
6/9/2008	06:00 - 08:30	2.50	REAM	1	DRLIN1	UNLOAD HOLE & WASH & REAM F/4,000 TO 4,130 (130' FILL)
	08:30 - 13:30	5.00	DRL	1	DRLIN1	DRLG F/ 4,130 TO 4,255 / WOB 15/25, TDRPM 45, TRPM 120, CFM 1600, 39 GPM, 900 PSI / WATER & SOAP
	13:30 - 14:00	0.50	RIG	1	DRLIN1	RIG SERVICE
	14:00 - 16:00	2.00	CIRC	3	DRLIN1	CIRC.CONN & UNLOAD HOLE
	16:00 - 18:30	2.50	DRL	1	DRLIN1	DRLG F/ 4,255 TO 4,320 / WOB 15/25, TDRPM 45, TRPM 120, CFM 1600, 39 GPM, 900 PSI / WATER & SOAP
	18:30 - 19:30	1.00	CIRC	3	DRLIN1	CIRC. CONN & UNLOAD HOLE
	19:30 - 21:30	2.00	DRL	1	DRLIN1	DRLG F/ 4,320 TO 4,386 / WOB 15/25, TDRPM 45, TRPM 120, CFM 1600, 39 GPM, 900 PSI / WATER & SOAP
	21:30 - 22:00	0.50	CIRC	3	DRLIN1	CIRC. CONN & UNLOAD HOLE
	22:00 - 22:30	0.50	DRL	1	DRLIN1	DRLG F/ 4,386 TO 4,400 (TD CASING POINT) / WOB 15/25, TDRPM 45, TRPM 120, CFM 1600, 39 GPM, 900 PSI / WATER & SOAP
	22:30 - 00:30	2.00	CIRC	1	DRLIN1	CIRC & CLEAN HOLE & PUMP 100BBLS LCM PILL F/ SHORT TRIP
	00:30 - 03:00	2.50	TRP	14	DRLIN1	SHORT TRIP OUT 20 STDS @ 2,480 (TIGHT & BACK REAM F/ 3,226 TO 3,128)
	03:00 - 06:00	3.00	TRP	14	DRLIN1	TRIP IN @ TAG @ 3,128 (REAM F 3,128 TO 3,226) FINISH TRIP IN
6/10/2008	06:00 - 06:30	0.50	TRP	14	DRLIN1	TRIP IN TAG @3,600
	06:30 - 11:00	4.50	REAM	1	DRLIN1	WASH & REAM 800' F/ 3,600 TO 4,400 (30' FILL)
	11:00 - 13:30	2.50	CIRC	1	DRLIN1	UNLOAD HOLE & SHUT AIR OFF & FILL THE HOLE WITH 100BBLS HIGH VIS SWEEP CIRCULATE IT & SPOT 100BBLS ON BOTTOM COVER ABOUT 1000' OF ANNULAS (CALL JAMEY SPARGER BLM ABOUT RUNNING 7 5/8 CASING & CEMENTING)
	13:30 - 18:30	5.00	TRP	2	DRLIN1	SLM OUT & LAY DOWN 6 1/2 COLLARS - MONEL - MOTOR & BIT (STRAP CAME OUT @ 3995.54)
	18:30 - 19:30	1.00	RIG	7	DRLIN1	CHANGE OUT BAILS & RIG UP FRANKS FILL TOOL
	19:30 - 21:30	2.00			DRLIN1	HELD SAFETY MEETING & RIG UP FRANKS CASING EQUIPMENT
	21:30 - 03:00	5.50			DRLIN1	HELD SAFETY MEETING & RUN 94 JOINTS 7 5/8 CASING (HAD TO CHANGE OUT ELEVATORS FIRTS SET BROKE)

Operations Summary Report

Legal Well Name: FR 9P-17-14-20
Common Well Name: FR 9P-17-14-20 Spud Date: 4/28/2008
Event Name: DRILLING Start: 4/30/2008 End:
Contractor Name: Unit Drilling Co. Rig Release: Group:
Rig Name: UNIT Rig Number: 232

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
6/10/2008	03:00 - 04:30	1.50			DRLIN1	R/UP TO CIRCULATE 7 5/8 CASING & RIG DOWN CASING CREW
	04:30 - 06:00	1.50			DRLIN1	HANG 7 5/8 & PACK IT OFF W/CAMRON
6/11/2008	06:00 - 07:00	1.00	DEQ	2	CSGIN1	SET PACK OFF (STRING WT.. 180K HANG OFF)
	07:00 - 09:30	2.50	WOT	4	CSGIN1	WAITING ON CROSSOVER TO RUN PACK OFF FROM CAMERON
	09:30 - 10:30	1.00	CSG	3	CSGIN1	TIGHTEN LOCK DOWN BOLTS ON WELL HEAD
	10:30 - 11:30	1.00	DEQ	2	CSGIN1	PRESSURE TEST PACK OFF TO 5,000PSI 15 MIN. OK
	11:30 - 12:00	0.50	RIG	1	CSGIN1	RIG SERVICE
	12:00 - 13:30	1.50	CMT	1	CSGIN1	SAFETY MEETING & RIG UP HALLIBURTON
	13:30 - 14:00	0.50	CMT	2	CSGIN1	CIRC WITH WATER
	14:00 - 19:30	5.50	CMT	2	CSGIN1	PUMP 10 BBLS FRESH WATER 8.34 PPG RATE 5 BBLS/MIN, SUPERFLUSH XLS 30 BBLS 10.PPG RATE 5 BBL/MIN, FRESH WATER BEHIND 10 BBLS BBLS/MIN, 7.0 PPG FOAMED SCAVENGER 115 SACKS 14.3 PPG 5 BBLS/MIN, 8.5 PPG FOAMED 1st LEAD420 SACKS 14.3 PPG 5 BBLS/MIN, 11.0 PPG FOAMED 2nd LEAD 300 SACKS 14,3 PPG 5 BBL/MIN, 14.3 PPG UNFOAMED TAIL 140 SACKS 14.3 PPG 5 BBLS/MIN, DISPLACEMENT WITH WATER 198BBLS 7 BBLS/MIN BUMP PLUG PRESSURED UP TO 1600 PSI HELD FOR 20 MIN, CAP CEMENT 200 SACKS 15.8 PPG @ 1.5 BBLS/MIN (TEST CASING 1500 PSI 20 MIN.)
	19:30 - 20:30	1.00	CMT	1	CSGIN1	RIG DOWN HALLIBURTON EQUIPMENT
	20:30 - 23:00	2.50	DEQ	2	CSGIN1	REPAIR RESERVE PIT LINER & R/D CAMERON PACKOFF RUNNING TOOL, INSTALL WEAR BUSHING
	23:00 - 05:00	6.00	LOC	4	CSGIN1	R/D BLOOWEE LINE & R/U FLOW LINE
	05:00 - 06:00	1.00	TRP	1	CSGIN1	L/O & STRAP BHA
6/12/2008	06:00 - 08:30	2.50	SUR	1	DRLIN2	RIG UP EXTREME TOOL F/ SURVEYS (CALLED BLM & TOLD THEM THAT THE CASING & CEMENTING WENT WELL & GOING TO TEST CASING BEFORE DRILLING OUT)
	08:30 - 09:00	0.50	RIG	1	DRLIN2	RIG SERVICE
	09:00 - 12:00	3.00	TRP	1	DRLIN2	FUNCTION TEST BOPS BEFORE PICKING UP BHA
	12:00 - 15:00	3.00	TRP	2	DRLIN2	TRIP IN THE HOLE TO THE FLOAT COLLAR
	15:00 - 15:30	0.50	EQT	1	DRLIN2	PRESSURE TEST CASING TO 1500 PSI FOR 30 MINS.
	15:30 - 17:30	2.00	DRL	1	DRLIN2	DRILL PLUG, FLOAT COLLAR, SHOE
	17:30 - 18:30	1.00	DRL	1	DRLIN2	DRLG F/ 4,410 TO 4,415
	18:30 - 19:00	0.50	CIRC	1	DRLIN2	CIRCULATE FOR FIT TEST
	19:00 - 19:30	0.50	EQT	2	DRLIN2	FIT 610PSI EMW 11.0 PPG HELD FOR 15 MINS
	19:30 - 06:00	10.50	DRL	1	DRLIN2	DRLG F/ 4,400 TO 4,850 / WOB 8/10, TDRPM 45, TRPM 92, 275 GPM, 1370 PSI ROP 39.13/
6/13/2008	06:00 - 10:00	4.00	DRL	1	DRLIN2	DRLG F/ 4,850 TO 5,037/ WOB 8/10, TDRPM 45, TRPM 92, 275 GPM, 1170 PSI ROP 46.75
	10:00 - 10:30	0.50	RIG	1	DRLIN2	RIG SERVICE
	10:30 - 06:00	19.50	DRL	1	DRLIN2	DRLG F/ 5,037 TO 5,740 / WOB 8/10, TDRPM 45, TRPM 92, 275 GPM, 1150 PSI ROP 37
6/14/2008	06:00 - 17:30	11.50	DRL	1	DRLIN2	DRLG F/ 5,740TO 6,005 / WOB 9/10, TDRPM 40, TRPM 95, 323 GPM, 1430 PSI ROP 23
	17:30 - 18:00	0.50	RIG	1	DRLIN2	RIG SERVICE
	18:00 - 06:00	12.00	DRL	1	DRLIN2	DRLG F/ 6,005 TO 6,370 / WOB 9/10, TDRPM 40, TRPM 95, 308 GPM, 1425 PSI ROP 30.5
6/15/2008	06:00 - 09:00	3.00	DRL	1	DRLIN2	DRLG F/ 6,370 to 6,490 / WOB 10/12, TDRPM 40, TRPM 95, 308 GPM, 1530 PSI ROP 40.
	09:00 - 09:30	0.50	RIG	1	DRLIN2	RIG SERVICE (TOP PIPE RAMS)
	09:30 - 19:00	9.50	DRL	1	DRLIN2	DRLG F/ 6,490 TO 6,719 / WOB 12/14, TDRPM 40, TRPM 95, 308 GPM, 1530 PSI ROP 24. (CHANGE FORMATION TOP CASTLEGATE @ 6,446)

Operations Summary Report

Legal Well Name: FR 9P-17-14-20
Common Well Name: FR 9P-17-14-20 Spud Date: 4/28/2008
Event Name: DRILLING Start: 4/30/2008 End:
Contractor Name: Unit Drilling Co. Rig Release: Group:
Rig Name: UNIT Rig Number: 232

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
6/15/2008	19:00 - 20:00	1.00	CIRC	1	DRLIN2	CIRCULATE F/TRIP & PUMP SLUG & CHECK F/ FLOW
	20:00 - 22:30	2.50	TRP	10	DRLIN2	TRIP F/ BIT & MOTOR & HIT TIGHT SPOT (4,990 TO 4,843)
	22:30 - 00:30	2.00	REAM	1	DRLIN2	KELLY UP & BACK REAM F/ 4,647 TO 4,358
	00:30 - 05:00	4.50	TRP	2	DRLIN2	TRIP OUT & FLOW CHECK BEFORE PULLING ROTATING HEAD
	05:00 - 06:00	1.00	TRP	1	DRLIN2	CHANGE OUT MOTOR & BIT
6/16/2008	06:00 - 09:00	3.00	TRP	2	EVAL 2	TRIP IN HOLE TO 6,550 & FILL PIPE @ SHOE
	09:00 - 09:30	0.50	RIG	1	EVAL 2	RIG SERVICE
	09:30 - 10:00	0.50	REAM	1	EVAL 2	WASH & REAM F/6,550 TO 6,719
	10:00 - 06:00	20.00	DRL	1	EVAL 2	DRLG F/ 6,719 TO 7,010 / WOB 8/14, TDRPM 50, TRPM 102, 305 GPM, 1750 PSI ROP 14.55
6/17/2008	06:00 - 13:30	7.50	DRL	1	DRLIN2	DRLG F/ 7,010 TO 7,073 / WOB 8/14, TDRPM 50, TRPM 102, 305 GPM, 1750 PSI ROP 14.55
	13:30 - 14:00	0.50	RIG	1	DRLIN2	RIG SERVICE
	14:00 - 06:00	16.00	DRL	1	DRLIN2	DRLG F/ 7,073 TO 7,364 / WOB 8/14, TDRPM 50, TRPM 102, 305 GPM, 1750 PSI ROP 18.18
6/18/2008	06:00 - 11:30	5.50	DRL	1	DRLIN2	DRLG F/ 7,364 TO 7,461 / WOB 8/14, TDRPM 50, TRPM 102, 305 GPM, 1750 PSI ROP 17.6
	11:30 - 12:00	0.50	RIG	1	DRLIN2	RIG SERVICE
	12:00 - 14:00	2.00	DRL	1	DRLIN2	DRLG F/ 7,461 TO 7,477 / WOB 8/14, TDRPM 50, TRPM 102, 305 GPM, 1750 PSI ROP 8
	14:00 - 15:30	1.50	CIRC	1	DRLIN2	CIRCULATE & BUILD S;UG, FLOW CHECK, PUMP SLUG
	15:30 - 18:00	2.50	TRP	10	DRLIN2	TRIP OUT OF HOLE
	18:00 - 19:00	1.00	RIG	2	DRLIN2	RIG REPAIR (AIR LEAK ON DRAWORK)
	19:00 - 21:30	2.50	TRP	2	DRLIN2	FINISH TRIP OUT OF HOLE
	21:30 - 22:30	1.00	TRP	1	DRLIN2	CHANGE OUT MUD MOTOR & BIT
	22:30 - 03:30	5.00	TRP	2	DRLIN2	TRIP IN HOLE , TEST MUD MOTOR & FILL PIPE @ SHOE
	03:30 - 04:00	0.50	REAM	1	DRLIN2	WASH & REAM F/7,364 TO 7,477 (NO FILL)
	04:00 - 06:00	2.00	DRL	1	DRLIN2	DRLG F/ 7,477 TO 7,550/ WOB 6/8, TDRPM 50, TRPM 156, 290 GPM, 1860 PSI ROP 36.5
6/19/2008	06:00 - 14:30	8.50	DRL	1	DRLPRO	DRLG F/ 7550 T/ 7916 WOB 6/8, TDRPM 52, TRPM 209, MOTOR .54 RPG, 290 GPM, SPP 1930, ROP 43
	14:30 - 15:00	0.50	RIG	1	DRLPRO	RIG SERVICE
	15:00 - 06:00	15.00	DRL	1	DRLPRO	DRLG F/ 7916 T/ 8818 WOB 5/8, TDRPM 52, TRPM 209, MOTOR 0.54 RPG, GPM 276, SPP 1830, DP 343, ROP 60
6/20/2008	06:00 - 17:30	11.50	DRL	1	DRLPRO	DRLG F/ 8818 T/ 9304 WOB 4/8, TDRPM 51, TRPM 208, MOTOR .54 GPR, GPM 290, ROP 42
	17:30 - 18:00	0.50	RIG	1	DRLPRO	RIG SERVICE
	18:00 - 06:00	12.00	DRL	1	DRLPRO	DRLG F/ 9304 T/ 9889 WOB 4/8, TDRM 50, TRPM 207, MOTOR .54 GPR, STRK 100, GPM 290, ROP 68, DIFP 257, SPP 2128
6/21/2008	06:00 - 12:00	6.00	DRL	1	DRLPRO	DRLG F/ 9889 T/ 10107 WOB 4/9, TDRPM 50, TRPM 106, MOTOR .54 GPR, 290 GPM, SPP 2374, DIFF 338, ROP 36
	12:00 - 12:30	0.50	RIG	1	DRLPRO	RIG SERVICE
	12:30 - 13:30	1.00	DRL	1	DRLPRO	DRLG F/ 10107 T/ 10274
	13:30 - 15:00	1.50	RIG	2	DRLPRO	RIG POWER DOWN, ALL THREE GENERATORS DOWN, TOP DRIVE UNIT DOWN, MUD PUMPS DOWN,
	15:00 - 15:30	0.50	DRL	1	DRLPRO	DRLG F/ 10274 T/ 10330
	15:30 - 22:30	7.00	RIG	2	DRLPRO	RIG POWER DOWN, ALL THREE GENERATORS DOWN, TOP DRIVE UNIT DOWN, MUD PUMPS DOWN
	22:30 - 01:30	3.00	RIG	2	DRLPRO	BREAK CIRCULATION, PUMPED AT 20 STRKS, 200 PSI 500 STKS, PUMP AT 55 STKS AT 818 PSI, GET TOP DRIVE MOTOR RUNNING, ROTATE AT 38 RPM, RECIPORCATE PIPE, CIRCULATE 2 BOTTOMS UP. 5 FT FLARE
	01:30 - 05:30	4.00	RIG	2	DRLPRO	POOH TO SHOE @ 4385, 1ST STAND TIGHT, 45000 OVER PULL

Operations Summary Report

Legal Well Name: FR 9P-17-14-20
Common Well Name: FR 9P-17-14-20 Spud Date: 4/28/2008
Event Name: DRILLING Start: 4/30/2008 End:
Contractor Name: Unit Drilling Co. Rig Release: Group:
Rig Name: UNIT Rig Number: 232

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
6/21/2008	05:30 - 06:00	0.50	RIG	2	DRLPRO	WAIT ON UNIT ELECTRICIAN
6/22/2008	06:00 - 09:30	3.50	RIG	2	DRLPRO	RIG REPAIR, C/O EXCITER BOARD #1 SCR, REPAR #1 GENERATOR SWITCH, C/O #2 GENATOR BREAKER; SHUT DOWN ALL MOTORS GO THROUGH SCR's & CHECK OUT
	09:30 - 12:00	2.50	RIG	2	DRLPRO	RIH 5 STANDS, RUN OUT MOTORS & PUMPS IN ALL COMBINATION NO PROBLEMS, RIH
	12:00 - 12:30	0.50	REAM	1	DRLPRO	WASH F/ 10200 T/ 10330
	12:30 - 23:30	11.00	DRL	1	DRLPRO	DRLG F/ 10330 T/10852 WOB 5/8, STK 100, 290 GPM, TDRPM 50, DHRPM 206, SPP 2273, DFFP 250, ROP 60 TOP OF DAKOTA SILT @ 10824
	23:30 - 00:30	1.00	CIRC	1	DRLPRO	CIRCULATE BOTTOMS UP, PUMP DRY PILL
	00:30 - 03:30	3.00	TRP	10	DRLPRO	POOH FOR BIT
	03:30 - 04:30	1.00	REAM	1	DRLPRO	PULLED TIGHT @4872, REAM TIGHT HOLE
	04:30 - 06:00	1.50	TRP	10	DRLPRO	POOH
6/23/2008	06:00 - 12:30	6.50	TRP	10	DRLPRO	POOH, TIGHT @ 4850, TRIP CHECK BHA
	12:30 - 13:00	0.50	TRP	2	DRLPRO	C/O EXTREM SURVEY TOOL & L/D MOTOR , P/U MEW MOTOR, BIT & MONEL
	13:00 - 15:00	2.00	TRP	2	DRLPRO	RIH TO 4400'
	15:00 - 16:30	1.50	RIG	6	DRLPRO	CUT DRILLING LINE
	16:30 - 20:00	3.50	TRP	2	DRLPRO	RIH
	20:00 - 06:00	10.00	DRL	1	DRLPRO	DRLG F/ 10852 T/ WOB 6/9, SPP 1975, DIFFP 272, TDRPM 60, DHRPM 110, STKS 100, ROP 24.4
6/24/2008	06:00 - 11:30	5.50	DRL	1	DRLPRO	DRLG F/ 11018 T/ 11083 WOB 8/9, SPP 1925, DIFF 120, GPM 290, MOTOR .17 RPG, DHRPM 109, TRPM 50 MW 9.2, ROP 11.8
	11:30 - 12:00	0.50	RIG	1	DRLPRO	RIG SERVICE
	12:00 - 06:00	18.00	DRL	1	DRLPRO	DRLG F/ 11083 T/ 11245 WOB 11/12, SPP 2150, DIFF 140, GPM 294, DHRPM109, TRPM 50, MW 9.1+, ROP 6.4
6/25/2008	06:00 - 08:30	2.50	DRL	1	DRLPRO	DRLG F/ 11245 T/ 11267 WOB 10/12, SPP 2150, DIFF 138, GPM 290, TDRPM 50, DHRPM 100, MW 9.2, ROP 11.5
	08:30 - 09:00	0.50	RIG	1	DRLPRO	RIG SERVICE
	09:00 - 11:30	2.50	DRL	1	DRLPRO	DRLG F/ 11267 T/ 11284 WOB 12/15, SPP 1811, DIFF 86, GPM 290, DHRPM 100, TDRPM 50/65, MW 9.2, ROP 6.8
	11:30 - 12:30	1.00	CIRC	1	DRLPRO	CIRC & BUILD PILL, FLOW CHECK, PUMP PILL
	12:30 - 17:30	5.00	TRP	10	DRLPRO	POOH, CHANGE OUT BIT, HOLE IN GOOD SHAPE
	17:30 - 23:00	5.50	TRP	10	DRLPRO	TIH
	23:00 - 06:00	7.00	DRL	1	DRLPRO	DRLG F/ 11284 T/ 11415 WOB 11/12, SPP 2720, DIFF 80, GPM 290, DHRPM 100, TDRPM 50/60, MW 9.2, ROP 7/ 44
6/26/2008	06:00 - 20:00	14.00	DRL	1	DRLPRO	DRLG F/ 11415 T/ 11569
	20:00 - 20:30	0.50	RIG	1	DRLPRO	RIG SERVICE
	20:30 - 06:00	9.50	DRL	1	DRLPRO	DRLG F/ 11569 T/ 11663 WOB 13, GPM 290, SPP 2323, DIFF 106, TDRPM 60, DHRPM 110, MW 9.2, ROP 6/17
6/27/2008	06:00 - 06:00	24.00				DRLG F/ 11663 T/ 11865 MW 9.2, WOB 14, STK 100, GPM 290, SPP 1873, DIFF 130, TDRPM 60, DHRPM 110, ROP 8.9
6/28/2008	06:00 - 10:00	4.00	DRL	1	DRLPRO	DRLG F/ 11865 T/ 11891 WOB 14/15, 290 GPM, DHRPM 110, TDRPM 50/65, SPP 1950, DIFF100, MW 9.2
	10:00 - 10:30	0.50	CIRC	1	DRLPRO	CIRC & BUILD PILL,
	10:30 - 11:00	0.50	OTH		DRLPRO	FLOW CHECK & PUMP PILL
	11:00 - 18:00	7.00	TRP	10	DRLPRO	POOH
	18:00 - 19:00	1.00	TRP	1	DRLPRO	LAY DOWN BIT, MUD MOTOR, MONEL, HANG OFF SUB
	19:00 - 19:30	0.50	RIG	1	DRLPRO	RIG SERVICE
	19:30 - 20:30	1.00	TRP	1	DRLPRO	FUNCTION TEST BOP, STRAP NEW BHA, PICK UP BHA, NEW BIT, NEW MUD MOTOR O.26 RPG, SURFACE TEST MUD MOTOR

Operations Summary Report

Legal Well Name: FR 9P-17-14-20
Common Well Name: FR 9P-17-14-20 Spud Date: 4/28/2008
Event Name: DRILLING Start: 4/30/2008 End:
Contractor Name: Unit Drilling Co. Rig Release: Group:
Rig Name: UNIT Rig Number: 232

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
6/28/2008	20:30 - 03:30	7.00	TRP	10	DRLPRO	TIH, TRIP DRILL, WASH/REAM LAST TWO STANDS
	03:30 - 06:00	2.50	DRL	1	DRLPRO	DRLG F/ 11891 T/ 11945 , WOB 8/9, 290 GPM, DHRPM 110, TDRPM 35, SPP1895, DIFF 60, MW 9.2
6/29/2008	06:00 - 15:00	9.00	DRL	1	DRLPRO	DRLG F/ 11945 T/ 12019 WOB 8/12, 290 GPM, MOTOR .26 RPG, DHRPM 75, TDRPM 35/40, SPP 1878, DIFF 200, MW 9.2, ROP 8.2
	15:00 - 15:30	0.50	RIG	1	DRLPRO	RIG SERVICE
	15:30 - 06:00	14.50	DRL	1	DRLPRO	DRLG F/ 12019 T/ 12118 WOB 10/15, 290 GPM. DHRPM 75, TDRPM 30/45, SPP 1785, DIFF 20, MW 9.2, ROP 7.0
6/30/2008	06:00 - 15:30	9.50	DRL	1	DRLPRO	DRLG F/ 12118 T/ 12212 WOB 15, 290 GPM, MOTOR .26, DHRPM 75, TDRPM 40, SPP 1736, DIFF 206, MW 9.2, ROP 9.8
	15:30 - 16:00	0.50	RIG	1	DRLPRO	RIG SERVICE
	16:00 - 22:30	6.50	DRL	1	DRLPRO	DRLG F/ 12212 T/ 12250 WOB 15, 290 GPM, DHRPM 75, TDRPM 40, SPP 1700, DIFF 60, MW 9.2, ROP 6.3
	22:30 - 23:30	1.00	CIRC	1	DRLPRO	CIRC BOTTOMS UP & BUILD PILL
	23:30 - 00:00	0.50	OTH		DRLPRO	FLOW CHECK, DROP SURVEY, PUMP PILL
	00:00 - 06:00	6.00	TRP	10	DRLPRO	POOH
7/1/2008	06:00 - 07:00	1.00	OTH		DRLPRO	POOH
	07:00 - 08:00	1.00	OTH		DRLPRO	C/O BIT, FUNCTION BOP, CLEAN RIG FLOOR
	08:00 - 08:30	0.50	RIG	1	DRLPRO	RIG SERVICE
	08:30 - 10:30	2.00	TRP	10	DRLPRO	RIH
	10:30 - 11:30	1.00	RIG	6	DRLPRO	CUT OFF DRLG LINE
	11:30 - 19:00	7.50	TRP	10	DRLPRO	RIH, FILL @ 4400 &10,000, WASH F/ 12100 TO 12250
	19:00 - 06:00	11.00	DRL	1	DRLPRO	DRLG F/ 12250 T/ 12378 WOB 8/11, 290 GPM, MOTOR .26, DHRPM 75, TDRPM 40, SPP 1757, DIFF203, MW 9.2, ROP 11.6

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CONFIDENTIAL

QUESTAR

Operations Summary Report

Legal Well Name: FR 9P-17-14-20
Common Well Name: FR 9P-17-14-20
Event Name: COMPLETION
Contractor Name: Basin Well Service
Rig Name: BASIN WELL SERVICE

Start: 7/24/2008
Rig Release:
Rig Number: 1

Spud Date: 4/28/2008
End:
Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
7/24/2008	06:00 - 16:00	10.00	BOP	1		"TIGHT HOLE": Completion of new well. On 7/23/08 SICP=0 MIRU Basin Well Service #1 ND wellhead, NU 10k BOP's. Tally, drift and RIH with 3 3/4" bit, 4 1/2" csg scraper, 1-jt 2 3/8" P-110 tbg, 1.81 f-nipple and 339 jt's 2 3/8" P-110 tbg. EOT @ 10,968' SWIFN On 7/24/08 Will continue to PU tbg, circ well and POOH with tag. Casing size: 4-1/2" 13.5# P-110 Casing depth: 12,460
7/25/2008	06:00 - 16:00	10.00	BOP	1		"TIGHT HOLE": Completion of new well. On 7/24/08 SICP=0#, SITP=0 Contniue RIH with tbg. Tag PBTD @ 12,410'. Circulated 160 bbls 2% KCL with tbg tail @ 12,406' POOH with tbg,scraper & bit. SWIFN. Casing size: 4-1/2" 13.5# P-110 Casing depth: 12,460
7/28/2008	06:00 - 16:00	10.00	EQT	1		"TIGHT HOLE": Completion of new well. On 7/25/08 SICP=0 with no open perf's. RU Cased Hole Solutions WL and run a CBL/VDL/GR from tag @ 12,425' to surface with est.cement top @ 235'. Correlated the log to the Schlumberger Platform Express log dated 7/2/08. RU B&C Quick Test and pressure tested csg, BOP's and flowback manifold to 9000# Held good. RD Quick TEst. Perforate the following Kayenta interval @ 12,332-12,336' and the Navajo intervals @ 12,290-12,308; 12,284-12286' Per DBL dated 7/25/08 usint 3 1/8' gun at 3-JPF 120° phasing. 0-pressure increase with hole full of 2% KCL. On 7/28/08 will RIH with packer and break down perfs' with 2000 gal fo 15% HCl and 100 bio-balls Casing size: 4-1/2" 13.5# P-110 Casing depth: 12,460 Perfs: Zone#1 Kayenta: 12332 -12336 Navajo: 12290-12308'; 12284-12286'
7/29/2008	06:00 - 16:00	10.00	DEQ	2		"TIGHT HOLE": Completion of new well. On 7/28/08 SICP=0 MU and RIH with 4 1/2" HD packer, 1-jt. 1.81 F-nipple and 371=jt's tbg. Set packer @ 11,991'. In 20.000# compression. RU Halliburton to pump acid and couldn't get pump truck to run. SWIFN. On 7/29/08 Will pump acid with 100 bio-balls. Swab or flowtest. Casing size: 4-1/2" 13.5# P-110 Casing depth: 12,460 Perfs: Zone#1 Kayenta: 12332 -12336 Navajo: 12290-12308'; 12284-12286'
7/30/2008	06:00 - 16:00	10.00	DEQ	2		"TIGHT HOLE": Completion of new well. On 7/29/08 SICP=0, SITP=0. With packer set @ 11991'. Finish RU Halliburton. Acidize the Navajo intervals @ 12284-88'; 12290-12308 and the Kayenta interval @ 12332-36' down the tbg using 2000 gal.of

Operations Summary Report

Legal Well Name: FR 9P-17-14-20
Common Well Name: FR 9P-17-14-20
Event Name: COMPLETION
Contractor Name: Basin Well Service
Rig Name: BASIN WELL SERVICE

Start: 7/24/2008
Rig Release:
Rig Number: 1

Spud Date: 4/28/2008
End:
Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
7/30/2008	06:00 - 16:00	10.00	DEQ	2		15% HCl acid and 100-1" bio balls. Pumped as follows: 10-bbls 2% KCL water, 2000 gal acid with 100-bio-balls spaced out in acid and flushed with 76-bbls 2% KCL water. Perf's broke at 3807# pressure. Pumped into perf's at an average rate of 4.5 BPM with max pressure of 5240# an some ball action with an average treating pressure of 4700#. ISIP=2267# 5 min=2053#; 10 min=1917#; 15 min=1803#. SWI and RD Halliburton. NU tbg to flowback manifold. After 20min SI well had 1400#. Opened on 32/64 choke. Flow 10 bbls and died. RIH with swab. IFL @ surface, made 17 swab runs Rec 50 bbls total fluid, showing lite gas with FFL @ 4200' PH=6 SWIFN On 7/30/08 will continue to swab test. Casing size: 4-1/2" 13.5# P-110 Casing depth: 12,460 Minus daily recovery: 50 Plus water today: 128 LLTR: 78 Perfs: Zone#1 Kayenta: 12332 -12336 Navajo: 12290-12308'; 12284-12286'
7/31/2008	06:00 - 16:00	10.00	SWAB	1		"TIGHT HOLE": Completion of new well. On 7/30/08 SICP=0 SITP=900#. Blew tbg to 0 pressure full/open with no fluid recovery. RIH with swab. IFL @ 3500'. Made 1-run and rec. 5 bbls showing no gas. Lost sinker bars on 2nd run. Released packer set @ 11991' POOH with tbg and packer. Lay down sinker bars. RIH with new 4 1/2" HD packer and tbg. Set PKR @ 11991' Tested csg to 500# held good. SWIFN. On 7/31/08 Will continue to swab test. Casing size: 4-1/2" 13.5# P-110 Casing depth: 12,460 Load from yesterday: 78 Minus daily recovery: 5 LLTR: 73 Perfs: Zone#1 Kayenta: 12332 -12336 Navajo: 12290-12308'; 12284-12286'
8/1/2008	06:00 - 16:00	10.00	SWAB	1		"TIGHT HOLE": Completion of new well. On 7/31/08 SICP=0 SITP=900#. Blew tbg to 0 with no fluid recoverd. RIH with swab. IFL @ 1300', made 7 swab runs. Recovered 21-bbls. FFL @ 800' Well started flowing on full 2" with 50# tbg pressure. Flow 2 hours and died. Rec.4-bbls. RIH with swab IFL @ 3800' made 8 swab runs (15-total) Rec.9-bbls of gas cut fulid (34-total bbls) FFL @ 5600' showing med gas. PH=8 SWIFN. On 8/01/08 Will continue to swab test well. Casing size: 4-1/2" 13.5# P-110

Operations Summary Report

Legal Well Name: FR 9P-17-14-20
Common Well Name: FR 9P-17-14-20
Event Name: COMPLETION
Contractor Name: Basin Well Service
Rig Name: BASIN WELL SERVICE

Start: 7/24/2008
Rig Release:
Rig Number: 1

Spud Date: 4/28/2008
End:
Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
8/1/2008	06:00 - 16:00	10.00	SWAB	1		Casing depth: 12,460 Load from yesterday: 73 Minus daily recovery: 34 Plus water today: 0 LLTR: 39 Perfs: Zone#1 Kayenta: 12332 -12336 Navajo: 12290-12308'; 12284-12286'
8/4/2008	06:00 - 16:00	10.00	SWAB	1		"TIGHT HOLE": Completion of new well. On 8/1/08 SICP=0, SITP=3000#. Open well to pit on 32/64 choke, adjusting choke size as necessary. Rec 18 bbls of gas cut fluid. Pressure leveled out @ 25# on 48/64 choke. Flow well thru weekend. At 6:00 am on 8/3/08 FTP @ 40# on 48/64 choke, blowing a lite mist. Rec 0 bbls after initial rec. of 18 bbls. On 8/3/08 Will continue to flow well. Casing size: 4-1/2" 13.5# P-110 Casing depth: 12,460 Load from yesterday: 39 Minus daily recovery: 18 Plus water today: 0 LLTR: 21 Perfs: Zone#1 Kayenta: 12332 -12336 Navajo: 12290-12308'; 12284-12286'
8/5/2008	06:00 - 16:00	10.00	WCL	2		"TIGHT HOLE": Completion of new well. At 6:00AM on 8/3/08 FTP=40# on a 48/64" choke and blowing a very light mist of water and gas. Continue to flow test the well during the day ant at 4:00PM on 8/4/08 FTP=40# on a 48/64" choke with a very fine flow of gas and water with no measurable fluid recovery today. Have recovered a totall of 18 bbl.of initial recovery. Ran a gas analysis late AM on 8/3/08 with the following results: N2=1.30%; CO2=2.14% Methane=89.89% ; BTU=1064.4; Grav 0.6354. Continue to flow the well for the last 24 hours. On 8/5/08 will run BHP bombs and pull on 8/6/08. Casing size: 4-1/2" 13.5# P-110 Casing depth: 12,460 Load from yesterday: 21 Minus daily recovery: 0 Plus water today: 0 LLTR: 21 Perfs: Zone#1 Kayenta: 12332 -12336 Navajo: 12290-12308'; 12284-12286'

Operations Summary Report

Legal Well Name: FR 9P-17-14-20
Common Well Name: FR 9P-17-14-20
Event Name: COMPLETION
Contractor Name: Basin Well Service
Rig Name: BASIN WELL SERVICE

Start: 7/24/2008
Rig Release:
Rig Number: 1

Spud Date: 4/28/2008
End:
Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
8/6/2008	06:00 - 16:00	10.00	STIM	3		"TIGHT HOLE": Completion of new well. On AM of 8/5/08 FTP-40# on a 48/64" choke while flowing to the pit with no measureable water in the last 24 hours. MIRU PLS wireline and set tandem BHP bomgs in "F" nipple above perfs..SI the well at noon on 8/5/08. Will pull the bombs on 8/6/08 Casing size: 4-1/2" 13.5# P-110 Casing depth: 12,460 Load from yesterday: 21 Minus daily recovery: 0 Plus water today: 0 LLTR: 21 Perfs: Zone#1 Kayenta: 12332 -12336 Navajo: 12290-12308'; 12284-12286'
8/7/2008	06:00 - 16:00	10.00	DEQ	2		"TIGHT HOLE": Completion of new well. On 8/8/08 after a 24 hour SI period with BHP bombs in the hole SITP=2950#. Pull BHP bombs making gradient stops. Bombs were set at 11960'. Bled off well. Pump 40 bbl.of 2% KCL water down the tbg..Release ret.packer and lay down tbg.to 6000'. SIFN. On 8/7/08 will continue to lay down packer and tbg..and prepare to move off well. Casing size: 4-1/2" 13.5# P-110 Casing depth: 12,460 Load from yesterday: 21 Minus daily recovery: 0 Plus water today: 40 LLTR: 61 Perfs: Zone#1 Kayenta: 12332 -12336 Navajo: 12290-12308'; 12284-12286'
8/8/2008	06:00 - 16:00	10.00	DEQ	2		"TIGHT HOLE": Completion of new well. On 8/7/08 SITP=1500# and SICP=1000#. Bled off well. POOH with packer and tbg.to 3000' and pump 100 bbl.of 2% KCL water down the tbg.to kill well for remainder of trip out. Finish POOH with packer and lay down remainder of 2-3/8" tbg..ND BOP's and NU frac valve and frac head assembly. SIFN. On 8/8/08 will RD Basin Well Service rig #1. Casing size: 4-1/2" 13.5# P-110 Casing depth: 12,460 Load from yesterday: 61 Minus daily recovery: 0 Plus water today: 100 LLTR: 161 Perfs:

Operations Summary Report

Legal Well Name: FR 9P-17-14-20
Common Well Name: FR 9P-17-14-20
Event Name: COMPLETION
Contractor Name: Basin Well Service
Rig Name: BASIN WELL SERVICE

Start: 7/24/2008
Rig Release:
Rig Number: 1

Spud Date: 4/28/2008
End:
Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
8/8/2008	06:00 - 16:00	10.00	DEQ	2		Zone#1 Kayenta: 12332 -12336 Navajo: 12290-12308'; 12284-12286'
8/11/2008	06:00 - 16:00	10.00	LOC	4		"TIGHT HOLE": Completion of new well. On 8/8/08 RDMO Basin Well Service #1. Report discontined until further activity. Casing size: 4-1/2" 13.5# P-110 Casing depth: 12,460 Load from yesterday: 61 Minus daily recovery: 0 LLTR: 161 Perfs: Zone#1 Kayenta: 12332 -12336 Navajo: 12290-12308'; 12284-12286'
8/13/2008	06:00 - 16:00	10.00	WOT	2		"TIGHT HOLE": Completion of new well. On 8/12/08 MIRU Basin WS #3 rig. Will continue to hook up manifold system and wait on frac. Report discontinuted until further activity. Casing size: 4-1/2" 13.5# P-110 Casing depth: 12,460 Load from yesterday: 61 Minus daily recovery: 0 LLTR: 161 Perfs: Zone#1 Kayenta: 12332 -12336 Navajo: 12290-12308'; 12284-12286'
8/18/2008	06:00 - 16:00	10.00	STIM	3		"TIGHT HOLE": Completion of new well. On 8/15/08 MIRU Halliburton frac crew. Frac Kayenta perfs. 12332-36' and Navajo gross perforated interval 12284-86' and 12290-12308' down 4-1/2" csg.using a Pur=Gel 70% quality CO2 foam frac with 2% KCL x-linked fluid as follows: Pump a 2500 gal.pad and stage 1-4 ppt 20/40 mesh sand in 8100 gal.of slurry fluid and flush with 1673 gals.of slurry volume. Pumped a total of 51000# of 30/50 ISP sand and a total load of 390 bbl..Total of 80 tons of CO2. Max.rate=54.8: Ave=30.5 BPM; Max.psi=8155#; Ave=5034#; ISIP=3225#; FG=0.7. RDMO Halliburton. After a 1/2 hour SI period SICP=2800#. Open the csg.to the pit on a 24/64" choke and continue to flow the well on various chokes thru Monday (8/18/08) AM with the following readings: At 7:00AM on 8/17/08 FCP=700# on a 24/64" choke with est total recovery of 37 bbl.of water with a very fine mist of water with CO2 and trace of sand. At 7:00AM on 8/18/08 FCP=300# on a 34/64" choke with a total recovery of 13 bbl.in the last 24 hours for a total of 50 bbl.with a very fine mist with Methane gas and CO2 gas with trace of sand. Continue to flow to clean up well.

Operations Summary Report

Legal Well Name: FR 9P-17-14-20
Common Well Name: FR 9P-17-14-20 Spud Date: 4/28/2008
Event Name: COMPLETION Start: 7/24/2008 End:
Contractor Name: Basin Well Service Rig Release: Group:
Rig Name: BASIN WELL SERVICE Rig Number: 1

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
8/18/2008	06:00 - 16:00	10.00	STIM	3		Casing size: 4-1/2" 13.5# P-110 Casing depth: 12,460 Load from yesterday: 500 Minus daily recovery: 50 LLTR: 450 Perfs: Zone#1 Kayenta: 12332 -12336 Navajo: 12290-12308'; 12284-12286'
8/19/2008	06:00 - 16:00	10.00	PERF	2		"TIGHT HOLE": Completion of new well. On 8/15/08 MIRU Halliburton frac crew. Frac Kayenta perfs.12332-36' and Navajo gross perforated interval 12284-86' and 12200-12308' down 4-1/2" csg.using a Pur-Gel 70% qualiity CO2 foam frac with 2% KCL x-linked fluid as follows: Pump a 2500 gal.pad and stage 1-4 ppg 20/40 mesh sand in 8100 gal.of slurry fluid and flush with 1673 gals.of slurry volume. Pumped a total of 51000# of 30/50 ISP sand and a total load of 390 bbl..Total of 80 tons of CO2. Max.rate=54.8; Ave=30.5 BPM; Max.psi=8155#; Ave=5034#; ISIP=3225#; FG=0.7. RDMO Halliburton. After a 1/2 hour SI period SICP=2800#. Open the csg.to the pit on a 24/64" choke and continue to flow the well on various chokes thru Monday (8/18/08) AM with the following readings: At 7:00AM on 8/17/08 FCP=700# on a 24/64" choke with an est total recovery of 37 bbl.of water with a very fine mist of water with CO2 and trace of sand. At 7:00AM on 8/18/08 FCP=300# on a 34/64" choke with a total recovery of 13 bbl.In the last 24 hours for a total of 50 bbl.with a very fine mist with Methane gas and CO2 gas with trace of sand. Continue to flow to clean up well. At: 7:00AM on 8/19/08 FCP=300# on a 34/64" chke with a total recovery of 3 bbl.of water in the last 24 hours for a total of 53 bbl.of water and flowed the well for the last 24 hours on a 34/64" choke with FCP=300# and this AM the metane appears to be approx.75% with 25% CO2 and will take a gas analysis this PM. Continue to flow. Casing size: 4-1/2" 13.5# P-110 Casing depth: 12,460 Load from yesterday: 450 Minus daily recovery: 3 LLTR: 447 Perfs: Zone#1 Kayenta: 12332 -12336 Navajo: 12290-12308'; 12284-12286'
8/20/2008	06:00 - 16:00	10.00	PERF	2		"TIGHT HOLE": Completion of new well. On 8/15/08 MIRU Halliburton frac crew. Frac Kayenta perfs.12332-36' and Navajo gross perforated interval 12284-86' and 12200-12308' down 4-1/2" csg.using a Pur-Gel 70% qualiity CO2 foam frac with 2% KCL x-linked fluid as follows: Pump a 2500 gal.pad and stage 1-4 ppg 20/40 mesh sand in 8100 gal.of slurry fluid and flush with 1673 gals.of slurry

Operations Summary Report

Legal Well Name: FR 9P-17-14-20
Common Well Name: FR 9P-17-14-20 Spud Date: 4/28/2008
Event Name: COMPLETION Start: 7/24/2008 End:
Contractor Name: Basin Well Service Rig Release: Group:
Rig Name: BASIN WELL SERVICE Rig Number: 1

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
8/20/2008	06:00 - 16:00	10.00	PERF	2		volume. Pumped a total of 51000# of 30/50 ISP sand and a total load of 390 bbl..Total of 80 tons of CO2. Max.rate=54.8; Ave=30.5 BPM; Max.psi=8155#; Ave=5034#; ISIP=3225#; FG=0.7. RDMO Halliburton. After a 1/2 hour SI period SICP=2800#. Open the csg.to the pit on a 24/64" choke and continue to flow the well on various chokes thru Monday (8/18/08) AM with the following readings: At 7:00AM on 8/17/08 FCP=700# on a 24/64" choke with an est total recovery of 37 bbl.of water with a very fine mist of water with CO2 and trace of sand. At 7:00AM on 8/18/08 FCP=300# on a 34/64" choke with a total recovery of 13 bbl.In the last 24 hours for a total of 50 bbl.with a very fine mist with Methane gas and CO2 gas with trace of sand. Continue to flow to clean up well. At: 7:00AM on 8/19/08 FCP=300# on a 34/64" choke with a total recovery of 3 bbl.of water in the last 24 hours for a total of 53 bbl.of water and flowed the well for the last 24 hours on a 34/64" choke with FCP=300# and this AM the metane appears to be approx.75% with 25% CO2 and will take a gas analysis this PM. Continue to flow. At 7:00AM on 8/19/08 FCP=300# on a 34/64" choke flowing gas and CO2. Took gas sample at 1:30PM on 8/19/08 with the following results: N2=1.2% CO2=3.4% Methane=88.5% BTU=1065' Grav=0.6562. SI the well at 2:00PM on 8/19/08 with a FCP=300# on a 34/64" choke. On 8/20/08 will wireline set 2 CIBP's and perforate additional Zones. Casing size: 4-1/2" 13.5# P-110 Casing depth: 12,460 Load from yesterday: 447 Minus daily recovery: 1 LLTR: 448 *Perfs:* Zone#1 Kayenta: 12332 -12336 Navajo: 12290-12308'; 12284-12286'
8/21/2008	06:00 - 16:00	10.00	PERF	2		"TIGHT HOLE": Completion of new well. On AM of 8/20/08 SICP=2350#. MIRU Cased Hole Solutions and wireline set a 4-1/2" CIBP at 12250'. Bled off csg.RIH with another 4-1/2" CIBP and set at 12220'. IFL at 3900'. Perforate the following Entrada intervals at 3 JPF using a 3-1/8" csg.gun at 120° phasing per the CBL log dated 7/25/08: 11901-03'; 11916-18'; 11944-47'; 11986-88'; 12023=24'; 12060-62'; & 12141'-45' (48 holes). FFL at 3900'. RDMO Cased Hole Solutions. SIFN. On 8/21/08 SICP=slight vacuum. Will tally and rabbint in the hole with 2-3/8" tbg.and ret.packer. Casing size: 4-1/2" 13.5# P-110 Casing depth: 12,460 Perfs: Zone#1 Kayenta: 12332 -12336 Navajo: 12290-12308'; 12284-12286'

Operations Summary Report

Legal Well Name: FR 9P-17-14-20
Common Well Name: FR 9P-17-14-20
Event Name: COMPLETION
Contractor Name: Basin Well Service
Rig Name: BASIN WELL SERVICE

Start: 7/24/2008
Rig Release:
Rig Number: 1

Spud Date: 4/28/2008
End:
Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
8/21/2008	06:00 - 16:00	10.00	PERF	2		Entrada: (8/20/08); 11901-03'; 11916'-18'; 11944-47'; 11986'-88' 12023-24'; 12060'62'; 12141-45'
8/22/2008	06:00 - 16:00	10.00	PERF	2		"TIGHT HOLE": Completion of new well. Entrada gross perforated interval: 11901-12145' On 8/21/08 SICP=slight vacuum from Entrada perfs..Tally and rabbit in the hole with 4-1/2" HD ret.packer and 2-3/8" EUE 8rd 4.7# P-110 tbg.to 9433'. SIFN. On 8/22/08 will continue to PU tbg.to set packer above the above Entrada perfs. Casing size: 4-1/2" 13.5# P-110 Casing depth: 12,460 Perfs: Zone#1 Kayenta: 12332 -12336 Navajo: 12290-12308'; 12284-12286' Entrada: (8/20/08); 11901-03'; 11916'-18'; 11944-47'; 11986'-88' 12023-24'; 12060'62'; 12141-45'
8/25/2008	06:00 - 16:00	10.00	DEQ	2		"TIGHT HOLE": Completion of new well. Entrada gross perforated interval: 11901-12145' On 8/22/08 SITP and SICP=0# from the Entrada interval above. Continue to tally and rabbit in the hole with a ret.packer and 2-3/8" EUE 8rd 4.7# p-11 tbg.and set the packer at 11808'. Test packer to 750# and held OK. RU swab. IFL at 1600'. Make 7 swab runs and recovered 35 bbl.of water with no gas and FFL at 10500'. RD swab and SIFW. On 8/25/08 will continue to swab. Casing size: 4-1/2" 13.5# P-110 Casing depth: 12,460 Perfs: Zone#1 Kayenta: 12332 -12336 Navajo: 12290-12308'; 12284-12286' Entrada: (8/20/08); 11901-03'; 11916'-18'; 11944-47'; 11986'-88' 12023-24'; 12060'62'; 12141-45'
8/26/2008	06:00 - 16:00	10.00	SWAB	1		"TIGHT HOLE": Completion of new well. Entrada gross perforated interval: 11901-12145' On 8/25/08 SITP=200# and SICP=0#. Bled off tbg.with no fluid recovery. RU swab. IFL at 9600'. Make 1 run and recovered 5 bbl.of water with a show of gas. Load tbg.with 2% KCL water and break down Entrada perfs.with 10 bbl. of 2% KCL water with a break at 1600# and pump into the perfs.with the 10 bbl.of water at 1-1/4 BPM at 1800# with ISIP=1150#. Open tbg.and flowed back 5 bbl.of water and died. RU swab. Make an additional 9 runs with IFL at surface and recovered 47 bbl.of water with FFL at "F" nipple and a dry run with no gas. RD swab and SIFN. On 8/26/08 with acidize Entrada.Interval 11901-12145'.

Operations Summary Report

Legal Well Name: FR 9P-17-14-20
Common Well Name: FR 9P-17-14-20
Event Name: COMPLETION
Contractor Name: Basin Well Service
Rig Name: BASIN WELL SERVICE

Start: 7/24/2008
Rig Release:
Rig Number: 1

Spud Date: 4/28/2008
End:
Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
8/26/2008	06:00 - 16:00	10.00	SWAB	1		Casing size: 4-1/2" 13.5# P-110 Casing depth: 12,460 Perfs: Zone#1 Kayenta: 12332 -12336 Navajo: 12290-12308'; 12284-12286' Entrada: (8/20/08); 11901-03'; 11916'-18'; 11944-47'; 11986'-88' 12023-24'; 12060'62'; 12141-45'
8/27/2008	06:00 - 16:00	10.00	SWAB	1		"TIGHT HOLE": Completion of new well. Entrada gross perforated interval: 11901-12145' On 8/26/08 SITP=100# and SICP=0#. Bled off tbg.with no fluid recovery. RU swab IFL at 0000'. Make 1 swab run and recovered 4 bbl.of water. Make 3 additional runs and they were dry. MIRU Halliburton acid grow and acidize gross perforated Entrada interval 11901-12145' down 2-3/8" tbg.as follows: Fill tbg.with 41 bbl.of 2% KCL water and pump 10 bbl.of 15% HCL followed by an additional 38 bbl.of 15% HCL acid with 75=7/8" Bio-Balls and flush with 51 bbl.of 2% KCL water. Broke at 2495#. Max.psi=4490#; Ave.psi=2495#; Max.rate=4.9 BPM; Avg.rate=6 RPM; ISIP=1785# 15 minutes 1495# saw minimal ball action break. RDMO Halliburton. Bled off tbg and recovered 26 bbl of water and tbg died. RU swab IFL at surface. Make 12 swb runs and recovered an additional 66 bbl.of water. FFL at 8100'. Final PH=5. RD swab and SIFN Recovered a total of 94 bbl. today. LLR=38 bbl..On 6/27/08 will continue to swab. Saw a slight show of gas. Casing size: 4-1/2" 13.5# P-110 Casing depth: 12,460 Load from yesterday: 0 Minus daily recovery: 94 Plus water today: 132 LLTR: 38 Perfs: Zone#1 Kayenta: 12332 -12336 Navajo: 12290-12308'; 12284-12286' Entrada: (8/20/08); 11901-03'; 11916'-18'; 11944-47'; 11986'-88' 12023-24'; 12060'62'; 12141-45'
8/28/2008	06:00 - 16:00	10.00	SWAB	1		"TIGHT HOLE": Completion of new well. Entrada gross perforated interval: 11901-12145' On 8/27/08 SITP=300# and SICP=0# with packer set. Bled off tbg.with no fluid recovery. RU swab. IFL at 5700'. Make 17 swab runs and recovered 44 bbl.of very light gas cut water with FFL at 11400'. RD swab and SIFN. On 8/28/08 will continue to swab. Casing size: 4-1/2" 13.5# P-110 Casing depth: 12,460

Operations Summary Report

Legal Well Name: FR 9P-17-14-20
Common Well Name: FR 9P-17-14-20
Event Name: COMPLETION
Contractor Name: Basin Well Service
Rig Name: BASIN WELL SERVICE

Start: 7/24/2008
Rig Release:
Rig Number: 1

Spud Date: 4/28/2008
End:
Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
8/28/2008	06:00 - 16:00	10.00	SWAB	1		Load from yesterday: 38 Minus daily recovery: 44 LLTR: 6 over Perfs: Zone#1 Kayenta: 12332 -12336 Navajo: 12290-12308'; 12284-12286' Entrada: (8/20/08); 11901-03'; 11916'-18'; 11944-47'; 11986'-88' 12023-24'; 12060'62'; 12141-45'
9/2/2008	06:00 - 16:00	10.00	SWAB	1		"TIGHT HOLE": Completion of new well. Entrada gross perforated interval: 11901-12145' On 08/28/08 SITP=450# and SICP=0# with packer set. Bled off tbg.with no fluid recovery. RU swab. IFL at 7500'. Make 5 swab runs and recovered 11 bbl.of water with the last dry. Make 5 swab runs and recovered an additional 2-1/2 bbl..with no recovery on the last run with very lite gas. Putting from the "F" nipple at 11770'. RD swab and SIFN. On 8/29/08 SITP=550# and SICP=0# with packer set. Bled off tbg.with no fluid recovery. RU swab. IFL at 8500'. Make 5 swab runs and recovered 12 bbl.of very slight gas cut water with FFL at 11100'. RD swab. MIRU PLS wireline and ran tandam BHP bombs and set in "F" nipple at 11770'. SI well. On 9/2/08 will pull BHP bombs and pull a gas sample. Casing size: 4-1/2" 13.5# P-110 Casing depth: 12,460 Load from yesterday: 6over Minus daily recovery: 26 LLTR: 32 over Perfs: Zone#1 Kayenta: 12332 -12336 Navajo: 12290-12308'; 12284-12286' Entrada: (8/20/08); 11901-03'; 11916'-18'; 11944-47'; 11986'-88' 12023-24'; 12060'62'; 12141-45'
9/3/2008	06:00 - 16:00	10.00	SWAB	1		"TIGHT HOLE": Completion of new well. Entrada gross perforated interval: 11901-12145' On 9/2/08 SITP=1875# and SICP=0# with packer set. POOH with BHP bombs making gradient stops. RDMO PLS. Obtain gas sample with following results: N2=1.03%; Methane=90.67%; CO2=4.38% ; BTU =1000.9; Grav.=.0.6281. Bled off well. Fill tbg.with 45 bbl.of 2% KCL water. Relese packer at 11808'. Pull packer and tbg. to 9875'. SIFN. On 9/3/08 will continue to POOH with packer and tbg.and prepare well to frac on 9/4/08. Casing size: 4-1/2" 13.5# P-110

Operations Summary Report

Legal Well Name: FR 9P-17-14-20
Common Well Name: FR 9P-17-14-20
Event Name: COMPLETION
Contractor Name: Basin Well Service
Rig Name: BASIN WELL SERVICE

Start: 7/24/2008
Rig Release:
Rig Number: 1

Spud Date: 4/28/2008
End:
Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
9/3/2008	06:00 - 16:00	10.00	SWAB	1		Casing depth: 12,460 Load from yesterday: 32 over LLTR: 32 over Perfs: Zone#1 Kayenta: 12332 -12336 Navajo: 12290-12308'; 12284-12286' Entrada: (8/20/08); 11901-03'; 11916'-18'; 11944-47'; 11986'-88' 12023-24'; 12060'62'; 12141-45'

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Operations Summary Report

Legal Well Name:	FR 9P-17-14-20		
Common Well Name:	FR 9P-17-14-20		Spud Date: 4/28/2008
Event Name:	COMPLETION	Start: 7/24/2008	End:
Contractor Name:	Basin Well Service	Rig Release: 9/29/2008	Group:
Rig Name:	BASIN WELL SERVICE	Rig Number: 1	

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
7/24/2008	06:00 - 16:00	10.00	BOP	1		"TIGHT HOLE": Completion of new well. On 7/23/08 SICP=0 MIRU Basin Well Service #1 ND wellhead, NU 10k BOP's. Tally, drift and RIH with 3 3/4" bit, 4 1/2" csg scraper, 1-jt 2 3/8" P-110 tbg, 1.81 f-nipple and 339 jt's 2 3/8" P-110 tbg. EOT @ 10,968' SWIFN On 7/24/08 Will continue to PU tbg, circ well and POOH with tag. Casing size: 4-1/2" 13.5# P-110 Casing depth: 12,460
7/25/2008	06:00 - 16:00	10.00	BOP	1		"TIGHT HOLE": Completion of new well. On 7/24/08 SICP=0#, SITP=0 Contniue RIH with tbg. Tag PBTD @ 12,410'. Circulated 160 bbls 2% KCL with tbg tail @ 12,406' POOH with tbg,scraper & bit. SWIFN. Casing size: 4-1/2" 13.5# P-110 Casing depth: 12,460
7/28/2008	06:00 - 16:00	10.00	EQT	1		"TIGHT HOLE": Completion of new well. On 7/25/08 SICP=0 with no open perf's. RU Cased Hole Solutions WL and run a CBL/VDL/GR from tag @ 12,425' to surface with est.cement top @ 235'. Correlated the log to the Schlumberger Platform Express log dated 7/2/08. RU B&C Quick Test and pressure tested csg, BOP's and flowback manifold to 9000# Held good. RD Quick TEst. Perforate the following Kayenta interval @ 12,332-12,336' and the Navajo intervals @ 12,290-12,308; 12,284-12286' Per DBL dated 7/25/08 usint 3 1/8' gun at 3-JPF 120° phasing. 0-pressure increase with hole full of 2% KCL. On 7/28/08 will RIH with packer and break down perfs' with 2000 gal fo 15% HCI and 100 bio-balls Casing size: 4-1/2" 13.5# P-110 Casing depth: 12,460 Perfs: Zone#1 Kayenta: 12332 -12336 Navajo: 12290-12308'; 12284-12286'
7/29/2008	06:00 - 16:00	10.00	DEQ	2		"TIGHT HOLE": Completion of new well. On 7/28/08 SICP=0 MU and RIH with 4 1/2" HD packer, 1-jt. 1.81 F-nipple and 371=jt's tbg. Set packer @ 11,991'. In 20.000# compression. RU Halliburton to pump acid and couldn't get pump truck to run. SWIFN. On 7/29/08 Will pump acid with 100 bio-balls. Swab or flowtest. Casing size: 4-1/2" 13.5# P-110 Casing depth: 12,460 Perfs: Zone#1 Kayenta: 12332 -12336 Navajo: 12290-12308'; 12284-12286'
7/30/2008	06:00 - 16:00	10.00	DEQ	2		"TIGHT HOLE": Completion of new well. On 7/29/08 SICP=0, SITP=0. With packer set @ 11991'. Finish RU Halliburton. Acidize the Navajo intervals @ 12284-88'; 12290-12308 and the Kayenta interval @ 12332-36' down the tbg using 2000 gal.of

Operations Summary Report

Legal Well Name:	FR 9P-17-14-20		
Common Well Name:	FR 9P-17-14-20		Spud Date: 4/28/2008
Event Name:	COMPLETION	Start: 7/24/2008	End:
Contractor Name:	Basin Well Service	Rig Release: 9/29/2008	Group:
Rig Name:	BASIN WELL SERVICE	Rig Number: 1	

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
7/30/2008	06:00 - 16:00	10.00	DEQ	2		15% HCl acid and 100-1" bio balls. Pumped as follows: 10-bbls 2% KCL water, 2000 gal acid with 100-bio-balls spaced out in acid and flushed with 76-bbls 2% KCL water. Perf's broke at 3807# pressure. Pumped into perf's at an average rate of 4.5 BPM with max pressure of 5240# an some ball action with an average treating pressure of 4700#. ISIP=2267# 5 min=2053#; 10 min=1917#; 15 min=1803#. SWI and RD Halliburton. NU tbg to flowback manifold. After 20min SI well had 1400#. Opened on 32/64 choke. Flow 10 bbls and died. RIH with swab. IFL @ surface, made 17 swab runs Rec 50 bbls total fluid, showing lite gas with FFL @ 4200' PH=6 SWIFN On 7/30/08 will continue to swab test. Casing size: 4-1/2" 13.5# P-110 Casing depth: 12,460 Minus daily recovery: 50 Plus water today: 128 LLTR: 78 Perfs: Zone#1 Kayenta: 12332 -12336 Navajo: 12290-12308'; 12284-12286'
7/31/2008	06:00 - 16:00	10.00	SWAB	1		"TIGHT HOLE": Completion of new well. On 7/30/08 SICP=0 SITP=900#. Blew tbg to 0 pressure full/open with no fluid recovery. RIH with swab. IFL @ 3500'. Made 1-run and rec. 5 bbls showing no gas. Lost sinker bars on 2nd run. Released packer set @ 11991' POOH with tbg and packer. Lay down sinker bars. RIH with new 4 1/2" HD packer and tbg. Set PKR @ 11991' Tested csg to 500# held good. SWIFN. On 7/31/08 Will continue to swab test. Casing size: 4-1/2" 13.5# P-110 Casing depth: 12,460 Load from yesterday: 78 Minus daily recovery: 5 LLTR: 73 Perfs: Zone#1 Kayenta: 12332 -12336 Navajo: 12290-12308'; 12284-12286'
8/1/2008	06:00 - 16:00	10.00	SWAB	1		"TIGHT HOLE": Completion of new well. On 7/31/08 SICP=0 SITP=900#. Blew tbg to 0 with no fluid recoverd. RIH with swab. IFL @ 1300', made 7 swab runs. Recovered 21-bbls. FFL @ 800' Well started flowing on full 2" with 50# tbg pressure. Flow 2 hours and died. Rec.4-bbls. RIH with swab IFL @ 3800' made 8 swab runs (15-total) Rec.9-bbls of gas cut fulid (34-total bbls) FFL @ 5600' showing med gas. PH=8 SWIFN. On 8/01/08 Will continue to swab test well. Casing size: 4-1/2" 13.5# P-110

Operations Summary Report

Legal Well Name:	FR 9P-17-14-20		
Common Well Name:	FR 9P-17-14-20		Spud Date: 4/28/2008
Event Name:	COMPLETION	Start: 7/24/2008	End:
Contractor Name:	Basin Well Service	Rig Release: 9/29/2008	Group:
Rig Name:	BASIN WELL SERVICE	Rig Number: 1	

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
8/1/2008	06:00 - 16:00	10.00	SWAB	1		Casing depth: 12,460 Load from yesterday: 73 Minus daily recovery: 34 Plus water today: 0 LLTR: 39 Perfs: Zone#1 Kayenta: 12332 -12336 Navajo: 12290-12308'; 12284-12286'
8/4/2008	06:00 - 16:00	10.00	SWAB	1		"TIGHT HOLE": Completion of new well. On 8/1/08 SICP=0, SITP=3000#. Open well to pit on 32/64 choke, adjusting choke size as necessary. Rec 18 bbls of gas cut fluid. Pressure leveled out @ 25# on 48/64 choke. Flow well thru weekend. At 6:00 am on 8/3/08 FTP @ 40# on 48/64 choke, blowing a lite mist. Rec 0 bbls after initial rec. of 18 bbls. On 8/3/08 Will continue to flow well. Casing size: 4-1/2" 13.5# P-110 Casing depth: 12,460 Load from yesterday: 39 Minus daily recovery: 18 Plus water today: 0 LLTR: 21 Perfs: Zone#1 Kayenta: 12332 -12336 Navajo: 12290-12308'; 12284-12286'
8/5/2008	06:00 - 16:00	10.00	WCL	2		"TIGHT HOLE": Completion of new well. At 6:00AM on 8/3/08 FTP=40# on a 48/64" choke and blowing a very light mist of water and gas. Continue to flow test the well during the day ant at 4:00PM on 8/4/08 FTP=40# on a 48/64" choke with a very fine flow of gas and water with no measurable fluid recovery today. Have recovered a totall of 18 bbl.of initial recovery. Ran a gas analysis late AM on 8/3/08 with the following results: N2=1.30%; CO2=2.14% Methane=89.89% ; BTU=1064.4; Grav 0.6354. Continue to flow the well for the last 24 hours. On 8/5/08 will run BHP bombs and pull on 8/6/08. Casing size: 4-1/2" 13.5# P-110 Casing depth: 12,460 Load from yesterday: 21 Minus daily recovery: 0 Plus water today: 0 LLTR: 21 Perfs: Zone#1 Kayenta: 12332 -12336 Navajo: 12290-12308'; 12284-12286'

Operations Summary Report

Legal Well Name:	FR 9P-17-14-20		
Common Well Name:	FR 9P-17-14-20		Spud Date: 4/28/2008
Event Name:	COMPLETION	Start: 7/24/2008	End:
Contractor Name:	Basin Well Service	Rig Release: 9/29/2008	Group:
Rig Name:	BASIN WELL SERVICE	Rig Number: 1	

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
8/6/2008	06:00 - 16:00	10.00	STIM	3		"TIGHT HOLE": Completion of new well. On AM of 8/5/08 FTP-40# on a 48/64" choke while flowing to the pit with no measureable water in the last 24 hours. MIRU PLS wireline and set tandem BHP bomgs in "F" nipple above perfs..SI the well at noon on 8/5/08. Will pull the bombs on 8/6/08 Casing size: 4-1/2" 13.5# P-110 Casing depth: 12,460 Load from yesterday: 21 Minus daily recovery: 0 Plus water today: 0 LLTR: 21 Perfs: Zone#1 Kayenta: 12332 -12336 Navajo: 12290-12308'; 12284-12286'
8/7/2008	06:00 - 16:00	10.00	DEQ	2		"TIGHT HOLE": Completion of new well. On 8/8/08 after a 24 hour SI period with BHP bombs in the hole SITP=2950#. Pull BHP bombs making gradient stops. Bombs were set at 11960'. Bled off well. Pump 40 bbl.of 2% KCL water down the tbg..Release ret.packer and lay down tbg.to 6000'. SIFN. On 8/7/08 will continue to lay down packer and tbg..and prepare to move off well. Casing size: 4-1/2" 13.5# P-110 Casing depth: 12,460 Load from yesterday: 21 Minus daily recovery: 0 Plus water today: 40 LLTR: 61 Perfs: Zone#1 Kayenta: 12332 -12336 Navajo: 12290-12308'; 12284-12286'
8/8/2008	06:00 - 16:00	10.00	DEQ	2		"TIGHT HOLE": Completion of new well. On 8/7/08 SITP=1500# and SICP=1000#. Bled off well. POOH with packer and tbg.to 3000' and pump 100 bbl.of 2% KCL water down the tbg.to kill well for remainder of trip out. Finish POOH with packer and lay down remainder of 2-3/8" tbg..ND BOP's and NU frac valve and frac head assembly. SIFN. On 8/8/08 will RD Basin Well Service rig #1. Casing size: 4-1/2" 13.5# P-110 Casing depth: 12,460 Load from yesterday: 61 Minus daily recovery: 0 Plus water today: 100 LLTR: 161 Perfs:

Operations Summary Report

Legal Well Name: FR 9P-17-14-20
Common Well Name: FR 9P-17-14-20
Event Name: COMPLETION
Contractor Name: Basin Well Service
Rig Name: BASIN WELL SERVICE

Start: 7/24/2008
Rig Release: 9/29/2008
Rig Number: 1

Spud Date: 4/28/2008
End:
Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
8/8/2008	06:00 - 16:00	10.00	DEQ	2		Zone#1 Kayenta: 12332 -12336 Navajo: 12290-12308'; 12284-12286'
8/11/2008	06:00 - 16:00	10.00	LOC	4		"TIGHT HOLE": Completion of new well. On 8/8/08 RDMO Basin Well Service #1. Report discontined until further activity. Casing size: 4-1/2" 13.5# P-110 Casing depth: 12,460 Load from yesterday: 61 Minus daily recovery: 0 LLTR: 161 Perfs: Zone#1 Kayenta: 12332 -12336 Navajo: 12290-12308'; 12284-12286'
8/13/2008	06:00 - 16:00	10.00	WOT	2		"TIGHT HOLE": Completion of new well. On 8/12/08 MIRU Basin WS #3 rig. Will continue to hook up manifold system and wait on frac. Report discontinuted until further activity. Casing size: 4-1/2" 13.5# P-110 Casing depth: 12,460 Load from yesterday: 61 Minus daily recovery: 0 LLTR: 161 Perfs: Zone#1 Kayenta: 12332 -12336 Navajo: 12290-12308'; 12284-12286'
8/18/2008	06:00 - 16:00	10.00	STIM	3		"TIGHT HOLE": Completion of new well. On 8/15/08 MIRU Halliburton frac crew. Frac Kayenta perfs. 12332-36' and Navajo gross perforated interval 12284-86' and 12290-12308' down 4-1/2" csg.using a Pur=Gel 70% quality CO2 foam frac with 2% KCL x-linked fluid as follows: Pump a 2500 gal.pad and stage 1-4 ppt 20/40 mesh sand in 8100 gal.of slurry fluid and flush with 1673 gals.of slurry volume. Pumped a total of 51000# of 30/50 ISP sand and a total load of 390 bbl..Total of 80 tons of CO2. Max.rate=54.8: Ave=30.5 BPM; Max.psi=8155#; Ave=5034#; ISIP=3225#; FG=0.7. RDMO Halliburton. After a 1/2 hour SI period SICP=2800#. Open the csg.to the pit on a 24/64" choke and continue to flow the well on various chokes thru Monday (8/18/08) AM with the following readings: At 7:00AM on 8/17/08 FCP=700# on a 24/64" choke with est total recovery of 37 bbl.of water with a very fine mist of water with CO2 and trace of sand. At 7:00AM on 8/18/08 FCP=300# on a 34/64" choke with a total recovery of 13 bbl.in the last 24 hours for a total of 50 bbl.with a very fine mist with Methane gas and CO2 gas with trace of sand. Continue to flow to clean up well.

Operations Summary Report

Legal Well Name: FR 9P-17-14-20
Common Well Name: FR 9P-17-14-20
Event Name: COMPLETION
Contractor Name: Basin Well Service
Rig Name: BASIN WELL SERVICE

Start: 7/24/2008
Rig Release: 9/29/2008
Rig Number: 1

Spud Date: 4/28/2008
End:
Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
8/18/2008	06:00 - 16:00	10.00	STIM	3		Casing size: 4-1/2" 13.5# P-110 Casing depth: 12,460 Load from yesterday: 500 Minus daily recovery: 50 LLTR: 450 Perfs: Zone#1 Kayenta: 12332 -12336 Navajo: 12290-12308'; 12284-12286'
8/19/2008	06:00 - 16:00	10.00	PERF	2		"TIGHT HOLE": Completion of new well. On 8/15/08 MIRU Halliburton frac crew. Frac Kayenta perfs.12332-36' and Navajo gross perforated interval 12284-86' and 12200-12308' down 4-1/2" csg.using a Pur-Gel 70% qualiity CO2 foam frac with 2% KCL x-linked fluid as follows: Pump a 2500 gal.pad and stage 1-4 ppg 20/40 mesh sand in 8100 gal.of slurry fluid and flush with 1673 gals.of slurry volume. Pumped a total of 51000# of 30/50 ISP sand and a total load of 390 bbl..Total of 80 tons of CO2. Max.rate=54.8; Ave=30.5 BPM; Max.psi=8155#; Ave=5034#; ISIP=3225#; FG=0.7. RDMO Halliburton. After a 1/2 hour SI period SICP=2800#. Open the csg.to the pit on a 24/64" choke and continue to flow the well on various chokes thru Monday (8/18/08) AM with the following readings: At 7:00AM on 8/17/08 FCP=700# on a 24/64" choke with an est total recovery of 37 bbl.of water with a very fine mist of water with CO2 and trace of sand. At 7:00AM on 8/18/08 FCP=300# on a 34/64" choke with a total recovery of 13 bbl.In the last 24 hours for a total of 50 bbl.with a very fine mist with Methane gas and CO2 gas with trace of sand. Continue to flow to clean up well. At: 7:00AM on 8/19/08 FCP=300# on a 34/64" chke with a total recovery of 3 bbl.of water in the last 24 hours for a total of 53 bbl.of water and flowed the well for the last 24 hours on a 34/64" choke with FCP=300# and this AM the metane appears to be approx.75% with 25% CO2 and will take a gas analysis this PM. Continue to flow. Casing size: 4-1/2" 13.5# P-110 Casing depth: 12,460 Load from yesterday: 450 Minus daily recovery: 3 LLTR: 447 Perfs: Zone#1 Kayenta: 12332 -12336 Navajo: 12290-12308'; 12284-12286'
8/20/2008	06:00 - 16:00	10.00	PERF	2		"TIGHT HOLE": Completion of new well. On 8/15/08 MIRU Halliburton frac crew. Frac Kayenta perfs.12332-36' and Navajo gross perforated interval 12284-86' and 12200-12308' down 4-1/2" csg.using a Pur-Gel 70% qualiity CO2 foam frac with 2% KCL x-linked fluid as follows: Pump a 2500 gal.pad and stage 1-4 ppg 20/40 mesh sand in 8100 gal.of slurry fluid and flush with 1673 gals.of slurry

Operations Summary Report

Legal Well Name:	FR 9P-17-14-20		
Common Well Name:	FR 9P-17-14-20		Spud Date: 4/28/2008
Event Name:	COMPLETION	Start: 7/24/2008	End:
Contractor Name:	Basin Well Service	Rig Release: 9/29/2008	Group:
Rig Name:	BASIN WELL SERVICE	Rig Number: 1	

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
8/20/2008	06:00 - 16:00	10.00	PERF	2		volume. Pumped a total of 51000# of 30/50 ISP sand and a total load of 390 bbl..Total of 80 tons of CO2. Max.rate=54.8; Ave=30.5 BPM; Max.psi=8155#; Ave=5034#; ISIP=3225#; FG=0.7. RDMO Halliburton. After a 1/2 hour SI period SICP=2800#. Open the csg.to the pit on a 24/64" choke and continue to flow the well on various chokes thru Monday (8/18/08) AM with the following readings: At 7:00AM on 8/17/08 FCP=700# on a 24/64" choke with an est total recovery of 37 bbl.of water with a very fine mist of water with CO2 and trace of sand. At 7:00AM on 8/18/08 FCP=300# on a 34/64" choke with a total recovery of 13 bbl.In the last 24 hours for a total of 50 bbl.with a very fine mist with Methane gas and CO2 gas with trace of sand. Continue to flow to clean up well. At: 7:00AM on 8/19/08 FCP=300# on a 34/64" choke with a total recovery of 3 bbl.of water in the last 24 hours for a total of 53 bbl.of water and flowed the well for the last 24 hours on a 34/64" choke with FCP=300# and this AM the metane appears to be approx.75% with 25% CO2 and will take a gas analysis this PM. Continue to flow. At 7:00AM on 8/19/08 FCP=300# on a 34/64" choke flowing gas and CO2. Took gas sample at 1:30PM on 8/19/08 with the following results: N2=1.2% CO2=3.4% Methane=88.5% BTU=1065' Grav=0.6562. SI the well at 2:00PM on 8/19/08 with a FCP=300# on a 34/64" choke. On 8/20/08 will wireline set 2 CIBP's and perforate additional Zones. Casing size: 4-1/2" 13.5# P-110 Casing depth: 12,460 Load from yesterday: 447 Minus daily recovery: 1 LLTR: 448 Perfs: Zone#1 Kayenta: 12332 -12336 Navajo: 12290-12308'; 12284-12286'
8/21/2008	06:00 - 16:00	10.00	PERF	2		"TIGHT HOLE": Completion of new well. On AM of 8/20/08 SICP=2350#. MIRU Cased Hole Solutions and wireline set a 4-1/2" CIBP at 12250'. Bled off csg.RIH with another 4-1/2" CIBP and set at 12220'. IFL at 3900'. Perforate the following Entrada intervals at 3 JPF using a 3-1/8" csg.gun at 120° phasing per the CBL log dated 7/25/08: 11901-03'; 11916-18'; 11944-47'; 11986-88'; 12023=24'; 12060-62'; & 12141'-45' (48 holes). FFL at 3900'. RDMO Cased Hole Solutions. SIFN. On 8/21/08 SICP=slight vacuum. Will tally and rabbint in the hole with 2-3/8" tbg.and ret.packer. Casing size: 4-1/2" 13.5# P-110 Casing depth: 12,460 Perfs: Zone#1 Kayenta: 12332 -12336 Navajo: 12290-12308'; 12284-12286'

Operations Summary Report

Legal Well Name:	FR 9P-17-14-20		
Common Well Name:	FR 9P-17-14-20		Spud Date: 4/28/2008
Event Name:	COMPLETION	Start: 7/24/2008	End:
Contractor Name:	Basin Well Service	Rig Release: 9/29/2008	Group:
Rig Name:	BASIN WELL SERVICE	Rig Number: 1	

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
8/21/2008	06:00 - 16:00	10.00	PERF	2		Entrada: (8/20/08); 11901-03'; 11916'-18'; 11944-47'; 11986'-88' 12023-24'; 12060'62'; 12141-45'
8/22/2008	06:00 - 16:00	10.00	PERF	2		"TIGHT HOLE": Completion of new well. Entrada gross perforated interval: 11901-12145' On 8/21/08 SICP=slight vacuum from Entrada perfs..Tally and rabbit in the hole with 4-1/2" HD ret.packer and 2-3/8" EUE 8rd 4.7# P-110 tbg.to 9433'. SIFN. On 8/22/08 will continue to PU tbg.to set packer above the above Entrada perfs. Casing size: 4-1/2" 13.5# P-110 Casing depth: 12,460 Perfs: Zone#1 Kayenta: 12332 -12336 Navajo: 12290-12308'; 12284-12286' Entrada: (8/20/08); 11901-03'; 11916'-18'; 11944-47'; 11986'-88' 12023-24'; 12060'62'; 12141-45'
8/25/2008	06:00 - 16:00	10.00	DEQ	2		"TIGHT HOLE": Completion of new well. Entrada gross perforated interval: 11901-12145' On 8/22/08 SITP and SICP=0# from the Entrada interval above. Continue to tally and rabbit in the hole with a ret.packer and 2-3/8" EUE 8rd 4.7# p-11 tbg.and set the packer at 11808'. Test packer to 750# and held OK. RU swab. IFL at 1600'. Make 7 swab runs and recovered 35 bbl.of water with no gas and FFL at 10500'. RD swab and SIFW. On 8/25/08 will continue to swab. Casing size: 4-1/2" 13.5# P-110 Casing depth: 12,460 Perfs: Zone#1 Kayenta: 12332 -12336 Navajo: 12290-12308'; 12284-12286' Entrada: (8/20/08); 11901-03'; 11916'-18'; 11944-47'; 11986'-88' 12023-24'; 12060'62'; 12141-45'
8/26/2008	06:00 - 16:00	10.00	SWAB	1		"TIGHT HOLE": Completion of new well. Entrada gross perforated interval: 11901-12145' On 8/25/08 SITP=200# and SICP=0#. Bled off tbg.with no fluid recovery. RU swab. IFL at 9600'. Make 1 run and recovered 5 bbl.of water with a show of gas. Load tbg.with 2% KCL water and break down Entrada perfs.with 10 bbl. of 2% KCL water with a break at 1600# and pump into the perfs.with the 10 bbl.of water at 1-1/4 BPM at 1800# with ISIP=1150#. Open tbg.and flowed back 5 bbl.of water and died. RU swab. Make an additional 9 runs with IFL at surface and recovered 47 bbl.of water with FFL at "F" nipple and a dry run with no gas. RD swab and SIFN. On 8/26/08 with acidize Entrada.Interval 11901-12145'.

Operations Summary Report

Legal Well Name: FR 9P-17-14-20
Common Well Name: FR 9P-17-14-20
Event Name: COMPLETION
Contractor Name: Basin Well Service
Rig Name: BASIN WELL SERVICE

Start: 7/24/2008
Rig Release: 9/29/2008
Rig Number: 1

Spud Date: 4/28/2008
End:
Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
8/26/2008	06:00 - 16:00	10.00	SWAB	1		Casing size: 4-1/2" 13.5# P-110 Casing depth: 12,460 Perfs: Zone#1 Kayenta: 12332 -12336 Navajo: 12290-12308'; 12284-12286' Entrada: (8/20/08); 11901-03'; 11916'-18'; 11944-47'; 11986'-88' 12023-24'; 12060'62'; 12141-45'
8/27/2008	06:00 - 16:00	10.00	SWAB	1		"TIGHT HOLE": Completion of new well. Entrada gross perforated interval: 11901-12145' On 8/26/08 SITP=100# and SICP=0#. Bled off tbg.with no fluid recovery. RU swab IFL at 0000'. Make 1 swab run and recovered 4 bbl.of water. Make 3 additional runs and they were dry. MIRU Halliburton acid grow and acidize gross perforated Entrada interval 11901-12145' down 2-3/8" tbg.as follows: Fill tbg.with 41 bbl.of 2% KCL water and pump 10 bbl.of 15% HCL followed by an additional 38 bbl.of 15% HCL acid with 75=7/8" Bio-Balls and flush with 51 bbl.of 2% KCL water. Broke at 2495#. Max.psi=4490#; Ave.psi=2495#; Max.rate=4.9 BPM; Avg.rate=6 RPM; ISIP=1785# 15 minutes 1495# saw minimal ball action break. RDMO Halliburton. Bled off tbg and recovered 26 bbl of water and tbg died. RU swab IFL at surface. Make 12 swb runs and recovered an additional 66 bbl.of water. FFL at 8100'. Final PH=5. RD swab and SIFN Recovered a total of 94 bbl. today. LLR=38 bbl..On 6/27/08 will continue to swab. Saw a slight show of gas. Casing size: 4-1/2" 13.5# P-110 Casing depth: 12,460 Load from yesterday: 0 Minus daily recovery: 94 Plus water today: 132 LLTR: 38 Perfs: Zone#1 Kayenta: 12332 -12336 Navajo: 12290-12308'; 12284-12286' Entrada: (8/20/08); 11901-03'; 11916'-18'; 11944-47'; 11986'-88' 12023-24'; 12060'62'; 12141-45'
8/28/2008	06:00 - 16:00	10.00	SWAB	1		"TIGHT HOLE": Completion of new well. Entrada gross perforated interval: 11901-12145' On 8/27/08 SITP=300# and SICP=0# with packer set. Bled off tbg.with no fluid recovery. RU swab. IFL at 5700'. Make 17 swab runs and recovered 44 bbl.of very light gas cut water with FFL at 11400'. RD swab and SIFN. On 8/28/08 will continue to swab. Casing size: 4-1/2" 13.5# P-110 Casing depth: 12,460

Operations Summary Report

Legal Well Name:	FR 9P-17-14-20		
Common Well Name:	FR 9P-17-14-20		Spud Date: 4/28/2008
Event Name:	COMPLETION	Start: 7/24/2008	End:
Contractor Name:	Basin Well Service	Rig Release: 9/29/2008	Group:
Rig Name:	BASIN WELL SERVICE	Rig Number: 1	

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
8/28/2008	06:00 - 16:00	10.00	SWAB	1		Load from yesterday: 38 Minus daily recovery: 44 LLTR: 6 over Perfs: Zone#1 Kayenta: 12332 -12336 Navajo: 12290-12308'; 12284-12286' Entrada: (8/20/08); 11901-03'; 11916'-18'; 11944-47'; 11986'-88' 12023-24'; 12060'62'; 12141-45'
9/2/2008	06:00 - 16:00	10.00	SWAB	1		"TIGHT HOLE": Completion of new well. Entrada gross perforated interval: 11901-12145' On 08/28/08 SITP=450# and SICP=0# with packer set. Bled off tbg.with no fluid recovery. RU swab. IFL at 7500'. Make 5 swab runs and recovered 11 bbl.of water with the last dry. Make 5 swab runs and recovered an additional 2-1/2 bbl..with no recovery on the last run with very lite gas. Putting from the "F" nipple at 11770'. RD swab and SIFN. On 8/29/08 SITP=550# and SICP=0# with packer set. Bled off tbg.with no fluid recovery. RU swab. IFL at 8500'. Make 5 swab runs and recovered 12 bbl.of very slight gas cut water with FFL at 11100'. RD swab. MIRU PLS wireline and ran tandam BHP bombs and set in "F" nipple at 11770'. SI well. On 9/2/08 will pull BHP bombs and pull a gas sample. Casing size: 4-1/2" 13.5# P-110 Casing depth: 12,460 Load from yesterday: 6over Minus daily recovery: 26 LLTR: 32 over Perfs: Zone#1 Kayenta: 12332 -12336 Navajo: 12290-12308'; 12284-12286' Entrada: (8/20/08); 11901-03'; 11916'-18'; 11944-47'; 11986'-88' 12023-24'; 12060'62'; 12141-45'
9/3/2008	06:00 - 16:00	10.00	SWAB	1		"TIGHT HOLE": Completion of new well. Entrada gross perforated interval: 11901-12145' On 9/2/08 SITP=1875# and SICP=0# with packer set. POOH with BHP bombs making gradient stops. RDMO PLS. Obtain gas sample with following results: N2=1.03%; Methane=90.67%; CO2=4.38% ; BTU =1000.9; Grav.=.0.6281. Bled off well. Fill tbg.with 45 bbl.of 2% KCL water. Relese packer at 11808'. Pull packer and tbg. to 9875'. SIFN. On 9/3/08 will continue to POOH with packer and tbg.and prepare well to frac on 9/4/08. Casing size: 4-1/2" 13.5# P-110

Operations Summary Report

Legal Well Name:	FR 9P-17-14-20		
Common Well Name:	FR 9P-17-14-20		Spud Date: 4/28/2008
Event Name:	COMPLETION	Start: 7/24/2008	End:
Contractor Name:	Basin Well Service	Rig Release: 9/29/2008	Group:
Rig Name:	BASIN WELL SERVICE	Rig Number: 1	

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
9/3/2008	06:00 - 16:00	10.00	SWAB	1		Casing depth: 12,460 Load from yesterday: 32 over LLTR: 32 over Perfs: Zone#1 Kayenta: 12332 -12336 Navajo: 12290-12308'; 12284-12286' Entrada: (8/20/08); 11901-03'; 11916'-18'; 11944-47'; 11986'-88' 12023-24'; 12060'62'; 12141-45'
9/4/2008	06:00 - 16:00	10.00	STIM	3		"TIGHT HOLE": Completion of new well. Entrada gross perforated interval: 11901-12145' On 9/3/08 SITP=350# and SICP=50#. Bled off well. Finish POOH with packer and tbg..NU remainder of frac head assembly. SIFN. On 9/4/08 will frac gross Entrada interval 11901-12145'. Casing size: 4-1/2" 13.5# P-110 Casing depth: 12,460 Load from yesterday: 32 over LLTR: 32 over Perfs: Zone#1 Kayenta: 12332 -12336 Navajo: 12290-12308'; 12284-12286' Entrada: (8/20/08); 11901-03'; 11916'-18'; 11944-47'; 11986'-88' 12023-24'; 12060'-62'; 12141-45'
9/5/2008	06:00 - 16:00	10.00	STIM	3		"TIGHT HOLE": Completion of new well. Entrada gross perforated interval: 11901-12145' On 9/4/08 SICP=50#. MIRU Superior Frac Services and frac the Entrada gross perforated interval 11901-12145" down 4-1/2" csg.using a 2% x-linked gel Super LpH 70% CO2 quiality system as follows: Pump 1000 gal.of pre-pad and ump a 17000 pad and stage 1 ppg to 4 ppg 20/40 OptiProp 62 in 8000 gal.of fluid and 7000 gal.of fluid and flush with 2984 gal.of fluid. These are fluid volumes and not foam volumes. Total fluid volumes is 28000 gal.and total foam volume is 79200 gal...Total sand is 141M#. Total load of 666 bbl.of fluid and a total energized volume of 1880 bbl..Max.rate=46; Ave=44 BPM; Max.psi-7300#; Ave=6600#; ISIP=3377# (.72). SICP=2000#. Continue to flow the csg.on various chokes throught out the day and night and at 6:00 AM on 9/5/08 FCP=400# on a current 24/64" choke with no fluid recovery in the last 3 hours and a cumulative recovery of 345 bbl..Flowing straight C02 gas at 6:00AM. Will continue to flow to clean up. Casing size: 4-1/2" 13.5# P-110 Casing depth: 12,460 Load from yesterday: 666

Operations Summary Report

Legal Well Name:	FR 9P-17-14-20		
Common Well Name:	FR 9P-17-14-20		Spud Date: 4/28/2008
Event Name:	COMPLETION	Start: 7/24/2008	End:
Contractor Name:	Basin Well Service	Rig Release: 9/29/2008	Group:
Rig Name:	BASIN WELL SERVICE	Rig Number: 1	

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
9/5/2008	06:00 - 16:00	10.00	STIM	3		Minus daily recovery: 345 LLTR: 321 LLTR: 32 over Perfs: Zone#1 Kayenta: 12332 -12336 Navajo: 12290-12308'; 12284-12286' Entrada: (8/20/08); 11901-03'; 11916'-18'; 11944-47'; 11986'-88' 12023-24'; 12060'-62'; 12141-45'
9/8/2008	06:00 - 16:00	10.00	STIM	3		"TIGHT HOLE": Completion of new well. Entrada gross perforated interval: 11901-12145' On 6:00 AM 9/5/08 FCP=400# on a 24/64" choke with a cum.recovery to 345 bbl.with straight CO2 and no fluid recovery in the last 3 hours. Continue to flow to clean up from CO2 frac. On 9/6/08 at 7:00AM FCP=100# on a 38/64" choke with an additional 75 bbl.of water recovered in the last 11 hours with a cum.of 480 bbl.and CO2 mis with no methane. On 9/7/08 FCP=50# on a 38/64" choke with an additional 140 bbl.recovered in the last 24 hours (620 total) with CO2 gas no methane andan occasional surge of heavy water mist. On 9/8/08 at 7:00AM FCP=0 on a 64/64" choke with an additiona 55 bbl.recovered in the last 24 hours (675 total) and CO2 and no methane smell. On 9/8/08 will RIH with tbg.to check for sand and cleanout if necessary and swab last. Casing size: 4-1/2" 13.5# P-110 Casing depth: 12,460 Load from yesterday: 321 Minus daily recovery:330 LLTR: 9 over Perfs: Zone#1 Kayenta: 12332 -12336 Navajo: 12290-12308'; 12284-12286' Entrada: (8/20/08); 11901-03'; 11916'-18'; 11944-47'; 11986'-88' 12023-24'; 12060'-62'; 12141-45'
9/9/2008	06:00 - 16:00	10.00	STIM	3		"TIGHT HOLE": Completion of new well. Entrada gross perforated interval: 11901-12145' On 9/8/08 AM FCP=0# on a 64/64" choke with CO2 and no methane. ND upper frac head assembly. NU single BOP pipe ram. Pump 50 bbl.of 2% KCL water down csg.to top kill. RIH with 2-3/8" tbg.and tag at 12172' (27' of rat hole). Pull tbg.tail to 11810' (91' above top perf.). SIFN. On 9/9/08 will swab well. Casing size: 4-1/2" 13.5# P-110 Casing depth: 12,460 Minus daily recovery:0

Operations Summary Report

Legal Well Name:	FR 9P-17-14-20		
Common Well Name:	FR 9P-17-14-20		Spud Date: 4/28/2008
Event Name:	COMPLETION	Start: 7/24/2008	End:
Contractor Name:	Basin Well Service	Rig Release: 9/29/2008	Group:
Rig Name:	BASIN WELL SERVICE	Rig Number: 1	

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
9/9/2008	06:00 - 16:00	10.00	STIM	3		Plus water today: 50 LLTR: 50 Perfs: Zone#1 Kayenta: 12332 -12336 Navajo: 12290-12308'; 12284-12286' Entrada: (8/20/08); 11901-03'; 11916'-18'; 11944-47'; 11986'-88' 12023-24'; 12060'-62'; 12141-45'
9/10/2008	06:00 - 16:00	10.00	PTST	2		"TIGHT HOLE": Completion of new well. Entrada gross perforated interval: 11901-12145' On 9/9/08 SITP=1500# and SICP=1400# with tbg.tail at 11810'. Open tbg.to the pit on a 64/64" choke. Flowed the and flowing CO2 and water with a SICP=875#. Continue to flow the well overnight and at 7:00AM on 9/10/08 FTP=25# on a 64/64" choke with a recovery of 5 bbl.per hour of CO2 and water with a SICP=535#. Have recovered a total of 235 bbl.in the last 24 hours. Continue to flow test. Casing size: 4-1/2" 13.5# P-110 Casing depth: 12,460 Load from yesterday: 50 Minus daily recovery: 235 LLTR: 185 over Perfs: Zone#1 Kayenta: 12332 -12336 Navajo: 12290-12308'; 12284-12286' Entrada: (8/20/08); 11901-03'; 11916'-18'; 11944-47'; 11986'-88' 12023-24'; 12060'-62'; 12141-45'
9/11/2008	06:00 - 16:00	10.00	PTST	2		"TIGHT HOLE": Completion of new well. Entrada gross perforated interval: 11901-12145' On 9/10/08 at 3:00PM FCP=25# and SICP=520# with tbg.flowing on a 64/64" choke with a recovery of 5 bbl.per hour of water and CO2 gas. No methane vapors. Flowed for the last 24 hours and recovered an additional 131 bbl.of water in the last 24 hours. Continue to flow test to clean up CO2. Casing size: 4-1/2" 13.5# P-110 Casing depth: 12,460 Load from yesterday: 185 over Minus daily recovery: 131 LLTR: 306 over Perfs: Zone#1 Kayenta: 12332 -12336 Navajo: 12290-12308'; 12284-12286' Entrada: (8/20/08); 11901-03';

Operations Summary Report

Legal Well Name: FR 9P-17-14-20
Common Well Name: FR 9P-17-14-20
Event Name: COMPLETION
Contractor Name: Basin Well Service
Rig Name: BASIN WELL SERVICE

Start: 7/24/2008
Rig Release: 9/29/2008
Rig Number: 1

Spud Date: 4/28/2008
End:
Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
9/11/2008	06:00 - 16:00	10.00	PTST	2		11916'-18'; 11944-47'; 11986'-88' 12023-24'; 12060'-62'; 12141-45'
9/12/2008	06:00 - 16:00	10.00	PTST	2		"TIGHT HOLE": Completion of new well. Entrada gross perforated interval: 11901-12145' On 9/11/08 continue to flow the well. FTP=25# and SICP=460#. Has both water mist slugs and methane and CO2 smell. At noon tbg.has quit flowing with SICP=450#. Open csg.on a 64/64" choke and bled down to 0#. Left both tbg.and csg.open overnight to vent and to be able to swab on 9/12/08. Recovered 39 bbl.of water today. Casing size: 4-1/2" 13.5# P-110 Casing depth: 12,460 Load from yesterday: 316 over Minus daily recovery: 39 LLTR: 355 over Perfs: Zone#1 Kayenta: 12332 -12336 Navajo: 12290-12308'; 12284-12286' Entrada: (8/20/08); 11901-03'; 11916'-18'; 11944-47'; 11986'-88' 12023-24'; 12060'-62'; 12141-45'
9/15/2008	06:00 - 16:00	10.00	SWAB	1		"TIGHT HOLE": Completion of new well. Entrada gross perforated interval: 11901-12145' On 9/12/08 have no pressure on csg.and tbg.with both open to the flat tank overnight and have only vapors of gas and CO2 gas from each side. RU swab. Make 2 swab runsto SN with no fluid recovery and no fluid tag. RIH with tbg.andtag at 12173' (no new fill and 28' of rat hole.) Re-land tbg.at 11810'. Put tbg.on a 32/64" choke and SI the csg..Flow the tbg.to the flat tank with some methane gas and CO2 ga. At 3:00PM on 9/12/08 SICP-275# and FTP=25# on a 34/64" choke and approx.flow up the tbg.of 2 bbl.per hour. Continue to flow test over the weekend. On AM of 9/13/08 FTP=25# on a 34/64" choke with SICP=520# and a total recovery of 64 bbl.of water since AM. on 9/12.08. Methane and CO2 at a rate of 1-1/2 to 2 bbl.per hour. Continue to flow. On 9/14/08 AM FTP =20-25# on a 34/64" choke at a rate of 1-1/2 to 2 bbl.per hour of mist wter with CO2 and methane and a SICP=510# with a total recovery of 122 bbl.since AM of 9/12/08. On 9/15/08 AM FTP=20-25# on a 34/64" choke at a rate of 1-2 bbl.per hour of mist with CO2 and methane with a SICP=510# and a total recovery of 161 bbl.since AM of 9/12/08. Continue to flow test while waiting on orders. Casing size: 4-1/2" 13.5# P-110 Casing depth: 12,460 Load from yesterday: 355 over Minus daily recovery: 161 LLTR: 516 over Perfs:

Operations Summary Report

Legal Well Name: FR 9P-17-14-20
Common Well Name: FR 9P-17-14-20
Event Name: COMPLETION
Contractor Name: Basin Well Service
Rig Name: BASIN WELL SERVICE

Start: 7/24/2008
Rig Release: 9/29/2008
Rig Number: 1

Spud Date: 4/28/2008
End:
Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
9/15/2008	06:00 - 16:00	10.00	SWAB	1		Zone#1 Kayenta: 12332 -12336 Navajo: 12290-12308'; 12284-12286' Entrada: (8/20/08); 11901-03'; 11916'-18'; 11944-47'; 11986'-88' 12023-24'; 12060'-62'; 12141-45'
9/16/2008	06:00 - 16:00	10.00	SWAB	1		"TIGHT HOLE": Completion of new well. Entrada gross perforated interval: 11901-12145' On AM of 9/15/08 FTP=20-25# on a 34/64" choke at a rate of 1-2 bbl.per hour of mist with CO2 and methane with a SICP=510#. Open the tbg.on a full 2" line. RU swab. RIH with swab and pulled from the "F" nipple at 11777' and recovered approx.150' of gas cut water. Make 2 dry runs. Open tbg.on a full 64/64" choke. Left open overnight to the pit. Rec.a total of 14 bbl.of water today with an est.50% CO2 and 50% methane. On 9/16/08 SICP-475# with a FTP=10-15# on a 64/64" choke and have recovered an additional 15 bbl.of water overnight for a 24 hour recovery of 29 bbl..On 9/16/08 will obtain gas and water sample. Casing size: 4-1/2" 13.5# P-110 Casing depth: 12,460 Load from yesterday: 516 over Minus daily recovery: 29 LLTR: 545 over Perfs: Zone#1 Kayenta: 12332 -12336 Navajo: 12290-12308'; 12284-12286' Entrada: (8/20/08); 11901-03'; 11916'-18'; 11944-47'; 11986'-88' 12023-24'; 12060'-62'; 12141-45'
9/17/2008	06:00 - 16:00	10.00	SWAB	1		"TIGHT HOLE": Completion of new well. Entrada gross perforated interval: 11901-12145' On 9/16/08 SICP=475# and FTP=15# on a 64/64" choke with gas vapors of CO2 and methane and recovered 15 bbl. of water overnight. Continue to flow well for 3 additional hours and recovered an additional 6 bbl.of water with a final SICP=470# and a final FTP=15# on a 64/64" choke. Took gas analysis with Applied Technology Services. Bled down csg.and tbg.to 0#. Pump 10 bbl.of 2% KCL water down the tbg..POOH with tbg..RIH with 3-3/4" mill and csg.scraper and tbg.to 3240'. SIFN. On 9/17/08 will continue to RIH with bit and scraper to clean off sides walls of csg...Left well open to pit overnight to clean up CO2. Gas analysis---post Entrada frac: N2=0.7955'; CO2=6,1909; Methane=88.41; BTU=1003.3; Grac=6563 Load from yesterday: 545 over Minus daily recovery: 21 Plus water today: 10 LLTR: 556 over

Operations Summary Report

Legal Well Name:	FR 9P-17-14-20		
Common Well Name:	FR 9P-17-14-20		Spud Date: 4/28/2008
Event Name:	COMPLETION	Start: 7/24/2008	End:
Contractor Name:	Basin Well Service	Rig Release: 9/29/2008	Group:
Rig Name:	BASIN WELL SERVICE	Rig Number: 1	

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
9/17/2008	06:00 - 16:00	10.00	SWAB	1		Perfs: Zone#1 Kayenta: 12332 -12336 Navajo: 12290-12308'; 12284-12286' Entrada: (8/20/08); 11901-03'; 11916'-18'; 11944-47'; 11986'-88' 12023-24'; 12060'-62'; 12141-45'
9/18/2008	06:00 - 16:00	10.00	FISH	1		"TIGHT HOLE": Completion of new well. Entrada gross perforated interval: 11901-12145' On 9/17/08 FCP=10# and SITP=150#. Bled off well. Pump 10 bbl.of 2% KCL water to kill tbg..Continue to RIH with mill and scraper and tbg.and tag at 12172'---no additional fill. POOH with mill and scraper and tbg..SIFN. On 9/18/08 will RIH with tbg.set cement retainer to squeeze off above perfs. on 9/19/08. Gas analysis---post Entrada frac: N2=0.7955'; CO2=6,1909; Methane=88.41; BTU=1003.3; Grac=6563 Load from yesterday: 556 over Plus water today: 10 LLTR: 556 over Perfs: Zone#1 Kayenta: 12332 -12336 Navajo: 12290-12308'; 12284-12286' Entrada: (8/20/08); 11901-03'; 11916'-18'; 11944-47'; 11986'-88' 12023-24'; 12060'-62'; 12141-45'
9/22/2008	06:00 - 16:00	10.00	CMT	2		"TIGHT HOLE": Completion of new well. Entrada gross perforated interval: 11901-12145' On 9/18/08 SICP=1050#. Bled off well to 250#. Pumped 100 bbl.of 2% KCL water down the csg.to kill well. RIH with 4-1/2" cement retainer and tbg.and set retainer at 11510'. Release from retainer and fill hole with 75 bbl.of 2% KCL water. Circ.an additional 80 bbl.of 2% KCL water to clean up gas. Stung back into retainer at 11510'. Establish injection rate into Entrada perfs.11901-12145 down the tbg.at 3 BPM at 1500# with ISIP=0# with 10 bbl.of water. Pressure test csg.to 1000# and held OK. Waiting on cement trucks. Will squeeze the above zone on AM of 9/22/08. SI the well for the weekend. Gas analysis---post Entrada frac: N2=0.7955'; CO2=6.1909; Methane=88.41; BTU=1003.3; Grac=.6563 Gas analysis---post Entrada frac: N2=0.7955'; CO2=6,1909; Methane=88.41; BTU=1003.3; Grac=6563 Load from yesterday: 556 over LLTR: 556 over Perfs: Zone#1 Kayenta: 12332 -12336 Navajo: 12290-12308';

Operations Summary Report

Legal Well Name: FR 9P-17-14-20
Common Well Name: FR 9P-17-14-20
Event Name: COMPLETION
Contractor Name: Basin Well Service
Rig Name: BASIN WELL SERVICE

Start: 7/24/2008
Rig Release: 9/29/2008
Rig Number: 1

Spud Date: 4/28/2008
End:
Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
9/22/2008	06:00 - 16:00	10.00	CMT	2		12284-12286' Entrada: (8/20/08); 11901-03'; 11916'-18'; 11944-47'; 11986'-88' 12023-24'; 12060'-62'; 12141-45'
9/23/2008	06:00 - 16:00	10.00	CMT	2		"TIGHT HOLE": Completion of new well. Entrada gross perforated interval: 11901-12145' On 9/22/08 SITP=1700# and SICP=450# with retainer set at 11510' and stung into. MIRU Halliburton cement grow to squeeze Entrada interval 11001-11916'. Bled tbg down to 400# and establish rate and pressure with 45 bbl.of 2% KCL water and compressor went out on cement bulk truck. SIFN. On 9/23/08 AM will attempt to squeeze. Load from yesterday: 556 over LLTR: 556 over Perfs: Zone#1 Kayenta: 12332 -12336 Navajo: 12290-12308'; 12284-12286' Entrada: (8/20/08); 11901-03'; 11916'-18'; 11944-47'; 11986'-88' 12023-24'; 12060'-62'; 12141-45'
9/24/2008	06:00 - 16:00	10.00	CMT	1		"TIGHT HOLE": Completion of new well. Entrada gross perforated interval: 11901-12145' On 9/23/08 SITP=1000# and SICP=50#. Bled off tbg..MIRU Halliburton cement crew. Establish injection rate of 4 BPM at 120# down tbg.thru retainer into perfs. 11901-12145' with 45 bbl.of 2% KCL water. Attempt to squeeze Entrada perfs.11901-12145' thru retainer at 11510' and pumped 200 sxs.of cement and start displacement with 2-1/2 bbl.of water and tbg.locked up. Unsting from retainer and attempt to remove cement from tbg.with no success. POOH with tbg.and all but top 20 stands of tbg.full of set up cement. SIFN. On 9/24/08 will RIH with stands and start to lay down singles of tbg... Load from yesterday: 556 over LLTR: 556 over Perfs: Zone#1 Kayenta: 12332 -12336 Navajo: 12290-12308'; 12284-12286' Entrada: (8/20/08); 11901-03'; 11916'-18'; 11944-47'; 11986'-88' 12023-24'; 12060'-62'; 12141-45'
9/25/2008	06:00 - 16:00	10.00	CMT	1		"TIGHT HOLE": Completion of new well. Entrada gross perforated interval: 11901-12145' On 9/24/08 SICP-0, RIH with 2-3/8" and tbg.stands and layed down 107 jts.of singles that are plugged with cement. On 9/25/08 will continue to lay down plugged tbg.. Load from yesterday: 556 over

Operations Summary Report

Legal Well Name:	FR 9P-17-14-20		
Common Well Name:	FR 9P-17-14-20		Spud Date: 4/28/2008
Event Name:	COMPLETION	Start: 7/24/2008	End:
Contractor Name:	Basin Well Service	Rig Release: 9/29/2008	Group:
Rig Name:	BASIN WELL SERVICE	Rig Number: 1	

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
9/25/2008	06:00 - 16:00	10.00	CMT	1		LLTR: 556 over Perfs: Zone#1 Kayenta: 12332 -12336 Navajo: 12290-12308'; 12284-12286' Entrada: (8/20/08); 11901-03'; 11916'-18'; 11944-47'; 11986'-88' 12023-24'; 12060'-62'; 12141-45'
9/26/2008	06:00 - 16:00	10.00	CMT	1		"TIGHT HOLE": Completion of new well. Entrada gross perforated interval: 11901-12145' On 9/25/08 SICP and SITP=0#. Continue to lay down tbg.plugged with cement. Lay down an additional 187 jts.of tbg..All tbg.is layed down. SIFN. *On 9/26/08 will start to RIH with mill and another string of 2-3/8"* tbg.. Load from yesterday: 556 over LLTR: 556 over Perfs: Zone#1 Kayenta: 12332 -12336 Navajo: 12290-12308'; 12284-12286' Entrada: (8/20/08); 11901-03'; 11916'-18'; 11944-47'; 11986'-88' 12023-24'; 12060'-62'; 12141-45'
9/29/2008	06:00 - 16:00	10.00	FISH	1		"TIGHT HOLE": Completion of new well. Entrada gross perforated interval: 11901-12145' On 9/26/08 SICP=0#. Tally and rabbit in the hole with 3-3/4" mill and new/used 2-3/8" EUE 8rd. 4.7# P-110 tbg.of 200 jts.to 6305'. SIFW, On 9/29/08 will continue to tally and rabbit in the hole with additional tbg.and the mill to drill out retainer and any cement. Load from yesterday: 556 over LLTR: 556 over Perfs: Zone#1 Kayenta: 12332 -12336 Navajo: 12290-12308'; 12284-12286' Entrada: (8/20/08); 11901-03'; 11916'-18'; 11944-47'; 11986'-88' 12023-24'; 12060'-62'; 12141-45'
9/30/2008	06:00 - 16:00	10.00	FISH	1		"TIGHT HOLE": Completion of new well. Entrada gross perforated interval: 11901-12145' On 9/29/08 SITP and SICP=0#. Continue to tally and rabbit in the hole with tbg.and 3-3/4" mill. Tag cement retainer at 11510'. Circ.hole clean with 2% KCL water. Pull mill to 11500' and SIFN. On 9/30/08 will start to drill out retainer and any cement across perfs. 11901-12145'.

Operations Summary Report

Legal Well Name: FR 9P-17-14-20
Common Well Name: FR 9P-17-14-20
Event Name: COMPLETION
Contractor Name: Basin Well Service
Rig Name: BASIN WELL SERVICE

Start: 7/24/2008
Rig Release: 9/29/2008
Rig Number: 1

Spud Date: 4/28/2008
End:
Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
9/30/2008	06:00 - 16:00	10.00	FISH	1		Load from yesterday: 556 over LLTR: 556 over Perfs: Zone#1 Kayenta: 12332 -12336 Navajo: 12290-12308'; 12284-12286' Entrada: (8/20/08); 11901-03'; 11916'-18'; 11944-47'; 11986'-88' 12023-24'; 12060'-62'; 12141-45'
10/1/2008	06:00 - 16:00	10.00	FISH	1		"TIGHT HOLE": Completion of new well. Entrada gross perforated interval: 11901-12145' On 9/30/08 drill out cement retainer at 11510'. Continue to drill out hard cement to 11750'. Circ.hole clean with 2% KCL water and pull mill in 11720'. Still in hard cement. On 10/1/08 will continue to clean out well. SIFN. Load from yesterday: 556 over LLTR: 556 over Perfs: Zone#1 Kayenta: 12332 -12336 Navajo: 12290-12308'; 12284-12286' Entrada: (8/20/08); 11901-03'; 11916'-18'; 11944-47'; 11986'-88' 12023-24'; 12060'-62'; 12141-45'
10/2/2008	06:00 - 16:00	10.00	FISH	1		"TIGHT HOLE": Completion of new well. Entrada gross perforated interval: 11901-12145' On 10/1/08 SITP and SICP=0#. At circulation and drill out hard to soft cement from 11750' to 12145' and clean out to 12180'. Circ.hole clean with 2% KCL water. Pressure test Entrada gross perforated interval 11591-12145' to 500# and held at 500# for 5 minutes. During drill out did not lose or gain any water and no gas. Pull mill to 5040 and SIFN. On 10/2/08 will finish POOH with mill and wireline set at composite BP and perforate. Load from yesterday: 556 over LLTR: 556 over Perfs: Zone#1 Kayenta: 12332 -12336 Navajo: 12290-12308'; 12284-12286' Entrada: (8/20/08); 11901-03'; 11916'-18'; 11944-47'; 11986'-88' 12023-24'; 12060'-62'; 12141-45'

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Operations Summary Report

Legal Well Name: FR 9P-17-14-20
Common Well Name: FR 9P-17-14-20
Event Name: COMPLETION
Contractor Name: Unit Drilling Co.
Rig Name: UNIT

Start: 7/24/2008
Rig Release: 7/8/2008
Rig Number: 232

Spud Date: 4/28/2008
End:
Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
10/31/2008	06:00 - 16:00	10.00	TRP	2		(Entrada is squeezed) Buckhorn: 10/2/08: 11253-63' (30 holes). Cedar Mtn.: 10/11/08: 11094-11110' (96 holes) Additional Perfs: Dakota Silt: 10898-10908'
11/3/2008	06:00 - 16:00	10.00	FISH	5		"TIGHT HOLE" - Completion of new well Entrada gross perforated interval: 11901-12145' (Squeezed) Buckhorn; Cedar Mtn; Dakota Sllit; Kayenta; Navajo On 10/31/08 SITP =950# and SICP=1000#. Bled off csg.and pump 20 bbl.of 2% KCL water down the tbg.to kill, POOH with 20 jts.of tbg.and pump an additional 50 bbl.of 2% KCL down the tbg.to kill. Finish POOH with tbg..RIH with 6' extension with 3-3/4" OS and 2-/14" grapple and 2-3/8" EUE 8rd L-80 4.7# tbg.to 10175'. SIFW. On 11/3/08 will continue to RIH with fishing tools and tbg.and tbg.and attempt to latch onto fish and POOH. Perfs: Zone #1 Kayenta: 12332-12336' Navajo: 12290-12308'; 12284-12286' Entrada: (8/20/08): 11901-03'; 11916-18'; 11944-47'; 11986-88' 12023-24'; 12060-62'; 12141-45' (Entrada is squeezed) Buckhorn: 10/2/08: 11253-63' (30 holes). Cedar Mtn.: 10/11/08: 11094-11110' (96 holes) Additional Perfs: Dakota Silt: 10898-10908'
11/4/2008	06:00 - 16:00	10.00	FISH	5		"TIGHT HOLE" - Completion of new well Entrada gross perforated interval: 11901-12145' (Squeezed) Buckhorn; Cedar Mtn; Dakota Sllit; Kayenta; Navajo On 11/3/08 SITP=2300# and SICP=1700#. Bled down well and top kill tbg.with 20 bbl.of 2% KCL water. Continue in the hole with fishing tools and tbg.and tag top fish at 10570'. Work over fish with OS and grapple and latch onto fish and pull over 2000# and start to POOH. Pulled 20 stands of tbg.and had to top kill tbg.with 20 bbl.of 2% KCL water. Continue to POOH and stopped at 1700' and pumped additional 50 bbl.of 2% KCL water to control well. Finish POOH with tbg.and fishing tools recovering 2' of tbg.which was extremely thin and sliced. SIFN. On 11/4/08 will resume fishing with same BHA.

Operations Summary Report

Legal Well Name: FR 9P-17-14-20
Common Well Name: FR 9P-17-14-20
Event Name: COMPLETION
Contractor Name: Unit Drilling Co.
Rig Name: UNIT

Start: 7/24/2008
Rig Release: 7/8/2008
Rig Number: 232

Spud Date: 4/28/2008
End:
Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
11/4/2008	06:00 - 16:00	10.00	FISH	5		Load from yesterday: 120 Minus daily recovery: 150 Plus water today: 90 LLTR: 60 Perfs: Zone #1 Kayenta: 12332-12336' Navajo: 12290-12308'; 12284-12286' Entrada: (8/20/08): 11901-03'; 11916-18'; 11944-47'; 11986-88' 12023-24'; 12060-62'; 12141-45' (Entrada is squeezed) Buckhorn: 10/2/08: 11253-63' (30 holes). Cedar Mtn.: 10/11/08: 11094-11110' (96 holes) Additional Perfs: Dakota Silt: 10898-10908'
11/5/2008	06:00 - 16:00	10.00	FISH	5		"TIGHT HOLE" - Completion of new well Entrada gross perforated interval: 11901-12145' (Squeezed) Buckhorn; Cedar Mtn; Dakota Sllit; Kayenta; Navajo On 11/4/08 SICP=1000#. Bled off. Pump 50 bbl.of 2% KCL water down the csg.to top kill. RIH with 3-3/4" OS with 2-1/4" grapple and 6' extension and 2-3/8" L-80 tbg.and tag fish top of at 10566'. Work over fish with 5' of tools and work on fish pulling up to 2000# overweight but kept slipping off. POOH with fishing tools and tbg.and had no recovery in fishing tools. INdicated a friction bite only. Suspect 2 pieces of tbg.laying next to each other. Had to usea total of 145 bbl.of water today to keep well under control. Recovered an estimated 100 bbl.of water today. SIFN. On 11/15/08 AM will be waiting on orders. Load from yesterday: 60 Minus daily recovery: 100 Plus water today: 145 LLTR: 105 Perfs: Zone #1 Kayenta: 12332-12336' Navajo: 12290-12308'; 12284-12286' Entrada: (8/20/08): 11901-03'; 11916-18'; 11944-47'; 11986-88' 12023-24'; 12060-62'; 12141-45' (Entrada is squeezed) Buckhorn: 10/2/08: 11253-63' (30 holes). Cedar Mtn.: 10/11/08:

Operations Summary Report

Legal Well Name: FR 9P-17-14-20
Common Well Name: FR 9P-17-14-20
Event Name: COMPLETION
Contractor Name: Unit Drilling Co.
Rig Name: UNIT

Start: 7/24/2008
Rig Release: 7/8/2008
Rig Number: 232

Spud Date: 4/28/2008
End:
Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
11/5/2008	06:00 - 16:00	10.00	FISH	5		11094-11110' (96 holes) Additional Perfs: Dakota Silt: 10898-10908'
11/6/2008	06:00 - 16:00	10.00	FISH	5		"TIGHT HOLE" - Completion of new well Entrada gross perforated interval: 11901-12145' (Squeezed) Buckhorn; Cedar Mtn; Dakota Sillt; Kayenta; Navajo On 11/5/08 SICP=600#. Left well SI while waiting on fishing tools to be ran in the hole on 11/6/08 LLTR: 105 Perfs: Zone #1 Kayenta: 12332-12336' Navajo: 12290-12308'; 12284-12286' Entrada: (8/20/08): 11901-03'; 11916-18'; 11944-47'; 11986-88' 12023-24'; 12060-62'; 12141-45' (Entrada is squeezed) Buckhorn: 10/2/08: 11253-63' (30 holes). Cedar Mtn.: 10/11/08: 11094-11110' (96 holes) Additional Perfs: Dakota Silt: 10898-10908'
11/7/2008	06:00 - 16:00	10.00	FISH	5		"TIGHT HOLE" - Completion of new well Entrada gross perforated interval: 11901-12145' (Squeezed) Buckhorn; Cedar Mtn; Dakota Sillt; Kayenta; Navajo On 11/6/08 SICP=900#. Bled off csg.and top kill with 50 bbl.of 2% KCL water. RIH with fishing tools as follows: 3-3/4" OD shoe with wire catchers on inside; 16' of 3-3/4" OD wash pipe; bumper usb and jars and 2-3/8" L-80 tbg.to 10550' (18' above fish top). Had to pump an additional 20 bbl.of water running in hole to keep tbg.dead. RU foam unit and unload hole with pressure holding at 1380#. SIFN. Recovered all water pumped today. On 11/7/08 will start to try to wash over fish top. Perfs: Zone #1 Kayenta: 12332-12336' Navajo: 12290-12308'; 12284-12286' Entrada: (8/20/08): 11901-03'; 11916-18'; 11944-47'; 11986-88' 12023-24'; 12060-62'; 12141-45' (Entrada is squeezed)

Operations Summary Report

Legal Well Name: FR 9P-17-14-20
Common Well Name: FR 9P-17-14-20
Event Name: COMPLETION
Contractor Name: Unit Drilling Co.
Rig Name: UNIT

Start: 7/24/2008
Rig Release: 7/8/2008
Rig Number: 232

Spud Date: 4/28/2008
End:
Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
11/7/2008	06:00 - 16:00	10.00	FISH	5		Buckhorn: 10/2/08: 11253-63' (30 holes). Cedar Mtn.: 10/11/08: 11094-11110' (96 holes) Additional Perfs: Dakota Silt: 10898-10908'
11/10/2008	06:00 - 16:00	10.00	FISH	5		"TIGHT HOLE" - Completion of new well Entrada gross perforated interval: 11901-12145' (Squeezed) Buckhorn; Cedar Mtn; Dakota Sllslt; Kayenta; Navajo On 11/7/08 SICP=600#. Est.circ.with foam unit. RIH and tag top of fish at 11588'. Wash over 16' of fish with good returns of foam and water. Circ.hole clean at 11584'. Pull tbg.and fishing tools to 7000' and broke radiator hose on rig. Will have hose built on 11/8/08 and will resume POOH on 11/10/08. SIFW. Recovered all water pumped today. Perfs: Zone #1 Kayenta: 12332-12336' Navajo: 12290-12308'; 12284-12286' Entrada: (8/20/08): 11901-03'; 11916-18'; 11944-47'; 11986-88' 12023-24'; 12060-62'; 12141-45' (Entrada is squeezed) Buckhorn: 10/2/08: 11253-63' (30 holes). Cedar Mtn.: 10/11/08: 11094-11110' (96 holes) Additional Perfs: Dakota Silt: 10898-10908'
11/11/2008	06:00 - 16:00	10.00	FISH	5		"TIGHT HOLE" - Completion of new well Entrada gross perforated interval: 11901-12145' (Squeezed) Buckhorn; Cedar Mtn; Dakota Sllslt; Kayenta; Navajo Correction to 11/7/08 date: Fish top was tagged at 10568' and wash over to 10584'. On 11/10/08 SITP and SICP=2500#. Bled down well to 300# and top kill tbg. with 20 bbl.of 2% KCL water. POOH with tbg.and wash pipe to 2540' and well unloaded and pump 75 bbl.of 2% KCL water to top kill. Finish POOH with fishing tools and had a recovery of 2' of jammed together pieces off very thin tbg..Lay down fisning tools. RIH with new 3-3/4" fang mill and tbg.to 7300' and SIFN. On 11/11/08 will start to mill on fish. Perfs: Zone #1 Kayenta: 12332-12336' Navajo: 12290-12308';

Operations Summary Report

Legal Well Name: FR 9P-17-14-20
Common Well Name: FR 9P-17-14-20
Event Name: COMPLETION
Contractor Name: Unit Drilling Co.
Rig Name: UNIT

Start: 7/24/2008
Rig Release: 7/8/2008
Rig Number: 232

Spud Date: 4/28/2008
End:
Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
11/11/2008	06:00 - 16:00	10.00	FISH	5		12284-12286' Entrada: (8/20/08): 11901-03'; 11916-18'; 11944-47'; 11986-88' 12023-24'; 12060-62'; 12141-45' (Entrada is squeezed) Buckhorn: 10/2/08: 11253-63' (30 holes). Cedar Mtn.: 10/11/08: 11094-11110' (96 holes) Additional Perfs: Dakota Silt: 10898-10908'
11/12/2008	06:00 - 16:00	10.00	FISH	1		"TIGHT HOLE" - Completion of new well Entrada gross perforated interval: 11901-12145' (Squeezed) Buckhorn; Cedar Mtn; Dakota Sllit; Kayenta; Navajo Correction to 11/7/08 date: Fish top was tagged at 10568' and wash over to 10584'. On 11/11/08 SITP and SICP=1100#. Bled well down to 100# and top kill tbg.with 15 bbl.of 2% KCL water. Finish RIH with mill and tbg.from 7300' to top of fish at 10580'. RU foam unit. Start to mill on fish with 60-75 RPM and 1-2M# on mill and mill out to 10585' in 2-1/2" hours. Having some drag with swivel in on way out and in for the last 2' of drilling. No drag with swivel not engaged. Drill out with foam. Circ.hole clean and pull mill to 10513' and SIFN. On 11/12/08 will POOH with mill and tbg.to check collars and wait on orders. Have a total of 6-1/2 hours of rotating on tbg between today and wash pipe shoe. Recovered all water pumped today. Perfs: Zone #1 Kayenta: 12332-12336' Navajo: 12290-12308'; 12284-12286' Entrada: (8/20/08): 11901-03'; 11916-18'; 11944-47'; 11986-88' 12023-24'; 12060-62'; 12141-45' (Entrada is squeezed) Buckhorn: 10/2/08: 11253-63' (30 holes). Cedar Mtn.: 10/11/08: 11094-11110' (96 holes) Additional Perfs: Dakota Silt: 10898-10908'
11/13/2008	06:00 - 16:00	10.00	FISH	1		"TIGHT HOLE" - Completion of new well Entrada gross perforated interval: 11901-12145' (Squeezed) Buckhorn; Cedar Mtn; Dakota Sllit; Kayenta; Navajo Correction to 11/7/08 date: Fish top was tagged at 10568' and wash over to 10584'.

Operations Summary Report

Legal Well Name: FR 9P-17-14-20
Common Well Name: FR 9P-17-14-20
Event Name: COMPLETION
Contractor Name: Unit Drilling Co.
Rig Name: UNIT

Start: 7/24/2008
Rig Release: 7/8/2008
Rig Number: 232

Spud Date: 4/28/2008
End:
Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
11/13/2008	06:00 - 16:00	10.00	FISH	1		On 11/12/08 SITP=1800# and SICP=2000#. Bled off well to 200# and pump 20 bbl.of 2% KCL water down the tbg.to top kill. POOH with tbg.and mill to 2000' and top kill with an additional 50 bbl.of 2% KCL water. Finish POOH with tbg.and mill and bottom 1703' of tbg.showed shiny collars (54 jts.) but no wall thickness decay. Bottom of mill had gouge marks but no different wear pattern between inside and outside of mill. SIFN. On 11/13/08 will RIH with production. Perfs: Zone #1 Kayenta: 12332-12336' Navajo: 12290-12308'; 12284-12286' Entrada: (8/20/08): 11901-03'; 11916-18'; 11944-47'; 11986-88' 12023-24'; 12060-62'; 12141-45' (Entrada is squeezed) Buckhorn: 10/2/08: 11253-63' (30 holes). Cedar Mtn.: 10/11/08: 11094-11110' (96 holes) Additional Perfs: Dakota Silt: 10898-10908'
11/14/2008	06:00 - 16:00	10.00	DEQ	3		"TIGHT HOLE" - Completion of new well Entrada gross perforated interval: 11901-12145' (Squeezed) Buckhorn; Cedar Mtn; Dakota Sllllt; Kayenta; Navajo Correction to 11/7/08 date: Fish top was tagged at 10568' and wash over to 10584'. On 11/13/08 SICP = 1500#. Bled down to 100# & pump 50 bbls of 2% KCL water down the csg to top kill. RIH w/ production string as follows: Collar; 1 jt of tbg; "F" nipple & remainder of tbg to land tbg tail @ 7998' w/ "F" nipple @ 7965'. RU sandline and make a dummy run w/ sinker bars & No-go to "F" nipple and OK. ND BOP's & NU WH. SIFN. Rec all water pumped today. Full tbg detail to follow: All tbg is 2-3/8" EUE 8rd 4.7# L-80. 24 Hour Forecast: On AM of 11/14/08 SITP & SICP = 1200#. Will attempt to flow well and turn over to production. RD Basin WS #3. Csg Size: 4-1/2" 13.5# P-110 Csg Depth: 12,460' Perfs: Zone #1 Kayenta: 12332-12336' Navajo: 12290-12308'; 12284-12286' Entrada: (8/20/08): 11901-03'; 11916-18'; 11944-47'; 11986-88' 12023-24'; 12060-62'; 12141-45'

Operations Summary Report

Legal Well Name: FR 9P-17-14-20
Common Well Name: FR 9P-17-14-20
Event Name: COMPLETION
Contractor Name: Unit Drilling Co.
Rig Name: UNIT

Start: 7/24/2008
Rig Release: 7/8/2008
Rig Number: 232

Spud Date: 4/28/2008
End:
Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
11/14/2008	06:00 - 16:00	10.00	DEQ	3		(Entrada is squeezed) Buckhorn: 10/2/08: 11253-63' (30 holes). Cedar Mtn.: 10/11/08: 11094-11110' (96 holes) Additional Perfs: Dakota Silt: 10898-10908'
11/17/2008	06:00 - 16:00	10.00	OTH			"TIGHT HOLE" - Completion of new well Entrada gross perforated interval: 11901-12145' (Squeezed) Buckhorn; Cedar Mtn; Dakota Sllit; Kayenta; Navajo Correction to 11/7/08 date: Fish top was tagged at 10568' and wash over to 10584'. On 11/14/08 SITP and SICP=1200#. RDMO Basin WS #3. Turn well over to production department until further activity. Report discontinued. Csg Size: 4-1/2" 13.5# P-110 Csg Depth: 12,460' Tbg.Detail: reg.tbg collar; 1 jt; 1.81" "F" nipple; 252 jts. of tbg.to surface; hanger; All tbg.is 2-3/8" EUE 8rd 4.7# L-80', Tbg.tall at 7998'; F nipple at 7965' KB depths. NOTE: Fish top at approx. 10580'. Perfs: Zone #1 Kayenta: 12332-12336' Navajo: 12290-12308'; 12284-12286' Entrada: (8/20/08): 11901-03'; 11916-18'; 11944-47'; 11986-88' 12023-24'; 12060-62'; 12141-45' (Entrada is squeezed) Buckhorn: 10/2/08: 11253-63' (30 holes). Cedar Mtn.: 10/11/08: 11094-11110' (96 holes) Additional Perfs: Dakota Silt: 10898-10908'
11/20/2008	06:00 - 16:00	10.00	OTH			"TIGHT HOLE" - Completion of new well Entrada gross perforated interval: 11901-12145' (Squeezed) Buckhorn; Cedar Mtn; Dakota Sllit; Kayenta; Navajo Correction to 11/7/08 date: Fish top was tagged at 10568' and wash over to 10584'.

Operations Summary Report

Legal Well Name: FR 9P-17-14-20
Common Well Name: FR 9P-17-14-20
Event Name: COMPLETION
Contractor Name: Unit Drilling Co.
Rig Name: UNIT

Start: 7/24/2008
Rig Release: 7/8/2008
Rig Number: 232

Spud Date: 4/28/2008
End:
Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
11/20/2008	06:00 - 16:00	10.00	OTH			On PM of 11/19/08 MIRU Basin WS #1 rig. Left well SIFN. For 2 different days attempted to get down with csg. Inspection tools from the Wood Group and could get down with gauge runs but not with actual tool string. This job is to pull the tbg.and run inspection tools with no tbg..in the hole. Csg Size: 4-1/2" 13.5# P-110 Csg Depth: 12,460' Tbg.Detail: reg.tbg collar; 1 jt; 1.81" "F" nipple; 252 jts. of tbg.to surface; hanger; All tbg.is 2-3/8" EUE 8rd 4.7# L-80', Tbg.tall at 7998'; F nipple at 7965' KB depths. NOTE: Fish top at approx. 10580'. Perfs: Zone #1 Kayenta: 12332-12336' Navajo: 12290-12308'; 12284-12286' Entrada: (8/20/08): 11901-03'; 11916-18'; 11944-47'; 11986-88' 12023-24'; 12060-62'; 12141-45' (Entrada is squeezed) Buckhorn: 10/2/08: 11253-63' (30 holes). Cedar Mtn.: 10/11/08: 11094-11110' (96 holes) Additional Perfs: Dakota Silt: 10898-10908'
11/21/2008	06:00 - 16:00	10.00	WCL	2		"TIGHT HOLE" - Completion of new well Entrada gross perforated interval: 11901-12145' (Squeezed) Buckhorn; Cedar Mtn; Dakota Sllit; Kayenta; Navajo Correction to 11/7/08 date: Fish top was tagged at 10568' and wash over to 10584'. On 11/20/08 SITP=2450# and SICP=2550#. Bled down well and pump 30 bbl.of 2% KCL water down the tbg..NDWH and NU BOP's. POOH and tally tbg.and had a total of 252 jts.of tbg.; "F" nipple and 1 jt..Had to pump a total of 140 bbl.of water today to keep tbg.dead and recovered 80 bbl.of that. SIFW. On 11/24/08 plan on running a log with the Wood Group. Casing size: 4-1/2" 13.5# P-110 Casing depth: 12,460'. LLTR: 80

Operations Summary Report

Legal Well Name: FR 9P-17-14-20
Common Well Name: FR 9P-17-14-20
Event Name: COMPLETION
Contractor Name: Unit Drilling Co.
Rig Name: UNIT

Start: 7/24/2008
Rig Release: 7/8/2008
Rig Number: 232

Spud Date: 4/28/2008
End:
Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
11/21/2008	06:00 - 16:00	10.00	WCL	2		Perfs: Zone #1 Kayenta: 12332-12336' Navajo: 12290-12308'; 12284-12286' Entrada: (8/20/08): 11901-03'; 11916-18'; 11944-47'; 11986-88' 12023-24'; 12060-62'; 12141-45' (Entrada is squeezed) Buckhorn: 10/2/08: 11253-63' (30 holes). Cedar Mtn.: 10/11/08: 11094-11110' (96 holes) Additional Perfs: Dakota Silt: 10898-10908' Tbg.Detail: ret.tbg.collar; 1 jt; 1.81" "F" nipple; 252 jts.of tbg.to surface; hanger; All tbg.is 2-3/8" EUE 8rd 4.7# L-80'. Tbg.tail at 7998'; F nipple at 7965' KB depths. NOTE: Fish top at approx. 10580'.
11/25/2008	06:00 - 16:00	10.00	PTST	5		"TIGHT HOLE" - Completion of new well Entrada gross perforated interval: 11901-12145' (Squeezed) Buckhorn; Cedar Mtn; Dakota Sillt; Kayenta; Navajo Correction to 11/7/08 date: Fish top was tagged at 10568' and wash over to 10584'. On 11/21/08 SICP=700#. Obtained a gas analysis with the following results: N2=0.512' CO2=0.09'; Methane=98.09; BTU=1022.5; Grav=0.5669. Left well SI over the weekend pending a casing log. On 11/23/08 was notifed that truck si broke down and will not perform log until 11/25/08. Well will remain SI until og is ran. Casing size: 4-1/2" 13.5# P-110 Casing depth: 12,460'. LLTR: 80 Perfs: Zone #1 Kayenta: 12332-12336' Navajo: 12290-12308'; 12284-12286' Entrada: (8/20/08): 11901-03'; 11916-18'; 11944-47'; 11986-88' 12023-24'; 12060-62'; 12141-45' (Entrada is squeezed) Buckhorn: 10/2/08: 11253-63' (30 holes). Cedar Mtn.: 10/11/08: 11094-11110' (96 holes) Additional Perfs:

Operations Summary Report

Legal Well Name: FR 9P-17-14-20
Common Well Name: FR 9P-17-14-20
Event Name: COMPLETION
Contractor Name: Unit Drilling Co.
Rig Name: UNIT

Start: 7/24/2008
Rig Release: 7/8/2008
Rig Number: 232

Spud Date: 4/28/2008
End:
Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
11/25/2008	06:00 - 16:00	10.00	PTST	5		Dakota Silt: 10898-10908' Tbg.Detail: ret.tbg.collar; 1 jt; 1.81" "F" nipple; 252 jts.of tbg.to surface; hanger; All tbg.is 2-3/8" EUE 8rd 4.7# L-80'. Tbg.tail at 7998'; F nipple at 7965' KB depths. NOTE: Fish top at approx. 10580'.
11/26/2008	06:00 - 16:00	10.00	FISH	4		"TIGHT HOLE" - Completion of new well Entrada gross perforated interval: 11901-12145' (Squeezed) Buckhorn; Cedar Mtn; Dakota Sllit; Kayenta; Navajo Correction to 11/7/08 date: Fish top was tagged at 10568' and wash over to 10584'. On 11/25/08 SICP=2650#. MIRU Wood Wireline company and ran a cased hole log after making gauge ring run with tag at 10551'. RD Wood Wireline at 8:00PM on 11/25/08. Left well SIFN. On AM of 11/26/08 SICP=2750#. Will produce well up the csg.over the holiday weekend and wait on orders after evaluating log. Casing size: 4-1/2" 13.5# P-110 Casing depth: 12,460'. LLTR: 80 Perfs: Zone #1 Kayenta: 12332-12336' Navajo: 12290-12308'; 12284-12286' Entrada: (8/20/08): 11901-03'; 11916-18'; 11944-47'; 11986-88' 12023-24'; 12060-62'; 12141-45' (Entrada is squeezed) Buckhorn: 10/2/08: 11253-63' (30 holes). Cedar Mtn.: 10/11/08: 11094-11110' (96 holes) Additional Perfs: Dakota Silt: 10898-10908' Tbg.Detail: ret.tbg.collar; 1 jt; 1.81" "F" nipple; 252 jts.of tbg.to surface; hanger; All tbg.is 2-3/8" EUE 8rd 4.7# L-80'. Tbg.tail at 7998'; F nipple at 7965' KB depths. NOTE: Fish top at approx. 10580'.
12/1/2008	06:00 - 16:00	10.00	FISH	4		"TIGHT HOLE" - Completion of new well Entrada gross perforated interval: 11901-12145' (Squeezed) Buckhorn; Cedar Mtn; Dakota Sllit; Kayenta; Navajo Correction to 11/7/08 date: Fish top was tagged at 10568' and wash over to 10584'. On AM of 11/26/08 SICP=2750#. Turn well over to production department at 9:00AM to produce up the csg.over the holiday weekend.

Operations Summary Report

Legal Well Name:	FR 9P-17-14-20		
Common Well Name:	FR 9P-17-14-20		Spud Date: 4/28/2008
Event Name:	COMPLETION	Start: 7/24/2008	End:
Contractor Name:	Unit Drilling Co.	Rig Release: 7/8/2008	Group:
Rig Name:	UNIT	Rig Number: 232	

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
12/1/2008	06:00 - 16:00	10.00	FISH	4		On 12/1/08 will possibly run tbg. Casing size: 4-1/2" 13.5# P-110 Casing depth: 12,460'. LLTR: 80 Perfs: Zone #1 Kayenta: 12332-12336' Navajo: 12290-12308'; 12284-12286' Entrada: (8/20/08): 11901-03'; 11916-18'; 11944-47'; 11986-88' 12023-24'; 12060-62'; 12141-45' (Entrada is squeezed) Buckhorn: 10/2/08: 11253-63' (30 holes). Cedar Mtn.: 10/11/08: 11094-11110' (96 holes) Additional Perfs: Dakota Silt: 10898-10908' Tbg.Detail: ret.tbg.collar; 1 jt; 1.81" "F" nipple; 252 jts.of tbg.to surface; hanger; All tbg.is 2-3/8" EUE 8rd 4.7# L-80'. Tbg.tail at 7998'; F nipple at 7965' KB depths. NOTE: Fish top at approx. 10580'.

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43-047-39463
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Operations Summary Report

Legal Well Name: FR 9P-17-14-20
Common Well Name: FR 9P-17-14-20
Event Name: COMPLETION
Contractor Name: Unit Drilling Co.
Rig Name: UNIT

Start: 7/24/2008
Rig Release: 7/8/2008
Rig Number: 232

Spud Date: 4/28/2008
End:
Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
12/1/2008	06:00 - 16:00	10.00	FISH	4		On 12/1/08 will possibly run tbg. Casing size: 4-1/2" 13.5# P-110 Casing depth: 12,460'. LLTR: 80 Perfs: Zone #1 Kayenta: 12332-12336' Navajo: 12290-12308'; 12284-12286' Entrada: (8/20/08): 11901-03'; 11916-18'; 11944-47'; 11986-88' 12023-24'; 12060-62'; 12141-45' (Entrada is squeezed) Buckhorn: 10/2/08: 11253-63' (30 holes). Cedar Mtn.: 10/11/08: 11094-11110' (96 holes) Additional Perfs: Dakota Silt: 10898-10908' Tbg.Detail: ret.tbg.collar; 1 jt; 1.81" "F" nipple; 252 jts.of tbg.to surface; hanger; All tbg.is 2-3/8" EUE 8rd 4.7# L-80'. Tbg.tail at 7998'; F nipple at 7965' KB depths. NOTE: Fish top at approx. 10580'.
12/2/2008	06:00 - 16:00	10.00	BOP	1		"TIGHT HOLE" - Completion of new well Entrada gross perforated interval: 11901-12145' (Squeezed) Buckhorn; Cedar Mtn; Dakota Sillt; Kayenta; Navajo On 12/1/08 FCP = 300#. Bled down csg & pump 80 bbls of 2% KCL water down the csg to kill. RIH w/ production tbg & tag fish top @ 11570'. Lay down 5 jts of tbg & land tbg tail @ 10456'. ND BOP's & NU WH. SIFN. Had to pump an additional 20 bbls of water to keep well dead. Flowed back 20 bbls of water today. 24 Hour Forecast: Will RDMO Basin Well Service #3. Turn well over to production department. Casing size: 4-1/2", 13.5#, P-110 Casing depth: 12,460' LLTR: 160 bbls Perfs: Zone #1 Kayenta: 12332-12336' Navajo: 12290-12308';12284-12286' Entrada: (8/20/08) - 11901-03'; 11916-18'; 11944-47'; 11986-88'; 12023-24'; 12060-62'; 12141-45' (Entrada is squeezed) Buckhorn: 10/2/08 - 11253-63' (30 holes)

Operations Summary Report

Legal Well Name: FR 9P-17-14-20
Common Well Name: FR 9P-17-14-20
Event Name: COMPLETION
Contractor Name: Unit Drilling Co.
Rig Name: UNIT

Start: 7/24/2008
Rig Release: 7/8/2008
Rig Number: 232

Spud Date: 4/28/2008
End:
Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
12/2/2008	06:00 - 16:00	10.00	BOP	1		Cedar Mtn: 10/11/08 - 11094-11110' (96 holes) Dakota Silt: 10898-10908' Tbg Detail: Tbg collar; 1 jt new 1.81" "F" Nipple; 330 jts of 2-3/8", 4.7#, EUE, 8rd, L-80 tbg; Hanger: KB. Tbg tail at 10,456.29'; "F" nipple at 10424' - All depths are KB depths. KB = 21'; Hanger = 0.89'; 330 jts of tbg = 10,402.54'; "F" Nipple = 0.91';1 jt of tbg = 31.55'; Collar = 0.40' NOTE: Fish top at approx. 10580'.
12/3/2008	06:00 - 16:00	10.00	OTH			"TIGHT HOLE" - Completion of new well Entrada gross perforated interval: 11901-12145' (Squeezed) Buckhorn; Cedar Mtn; Dakota Sillt; Kayenta; Navajo On 12/2/08 SITP=600# and SICP=700#. Turn well over to productin department. RDMO Basin WS #1 rig. Report discontinued until further activity. Casing size: 4-1/2", 13.5#, P-110 Casing depth: 12,460' LLTR: 160 bbls Perfs: Zone #1 Kayenta: 12332-12336' Navajo: 12290-12308';12284-12286' Entrada: (8/20/08) - 11901-03'; 11916-18'; 11944-47'; 11986-88'; 12023-24'; 12060-62'; 12141-45' (Entrada is squeezed) Buckhorn: 10/2/08 - 11253-63' (30 holes) Cedar Mtn: 10/11/08 - 11094-11110' (96 holes) Dakota Silt: 10898-10908' Tbg Detail: Tbg collar; 1 jt new 1.81" "F" Nipple; 330 jts of 2-3/8", 4.7#, EUE, 8rd, L-80 tbg; Hanger: KB. Tbg tail at 10,456.29'; "F" nipple at 10424' - All depths are KB depths. KB = 21'; Hanger = 0.89'; 330 jts of tbg = 10,402.54'; "F" Nipple = 0.91';1 jt of tbg = 31.55'; Collar = 0.40' NOTE: Fish top at approx. 10580'.

Form 3160-4
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.: UTU-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 17-14-20

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

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

9. AFI Well No.: 43-047-39463

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

At surface: 1973' FSL, 807' FEL, NESE, SEC 17-T14S-R20E

At top prod. interval reported below: 1973' FSL, 807' FEL, NESE, SEC 17-T14S-R20E

At total depth: 1973' FSL, 807' FEL, NESE, SEC 17-T14S-R20E

10. Field and Pool or Exploratory: UNDESIGNATED

11. Sec., T., R., M., on Block and Survey or Area: SEC 17-T14S-R20E

12. County or Parish: UINTAH

13. State: UT

14. Date Spudded: 04/28/2008

15. Date T.D. Reached: 07/01/2008

16. Date Completed: ☐ D & A ☑ Ready to Prod. 11/14/2008

17. Elevations (DF, RKB, RT, GL)*: 6931' KB

18. Total Depth: MD 12,562' TVD

19. Plug Back T.D.: MD 12,459' TVD

20. Depth Bridge Plug Set: MD TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
CBL, TRIPLE COMBO/GR, COMP NEUTRON/3 DETECTOR LITHO DENSITY

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
15-1/2"	10-3/4"	40.5#		550'		450 SXS		SURF - CIRC	
9-7/8"	7-5/8"	29.7/40.5		4,385'		1,175 SXS		SURF - UNK	
6-1/2"	4.1/2"	13.5/29.7		12,460'		1,060 SXS		235' - 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)
2-3/8"	10,456'	N/A						

25. Producing Intervals (DAKOTA-CEDAR MTN-WAS RAVEN)

Formation	Top	Bottom	26. 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
11/14/08	12/4/08	24	→	0	130	56			FLOWING

Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status
64/64	258	750	→					PRODUCING

28a. Production - Interval B

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

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

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

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28b. Production - Interval C

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

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

28c. Production - Interval D

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

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

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

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top Meas. Depth
CASTLEGATE	6688'				
BLACK HAWK	6918'				
DAKOTA SILT	10899'				
MORRISON	11280'				
CURTIS	11814'				
ENTRADA	11889'				

32. Additional remarks (include plugging procedure):

FUTURE OIL PROSPECTS: GREEN RIVER & CASTLEGATE

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, SQUEEZING & 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 01/20/2009

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)

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FR 9P 17-14-20 – Attachment One - Perforation, Fracing & Acid Detail

PERFORATION DETAIL:

Open Perfs	Stimulation					Perf Status
10898′ – 10908′	Frac w/	36,000	Lbs in	15,120	Gals	Open – Dakota Silt
11094′ – 11110′	Frac w/	38,000	Lbs in	31,332	Gals	Open – Cedar Mtn
	Along w/	120	tons	of C02		
11253′ – 11263′	Frac w/	54,000	Lbs in	25,536	Gals	Open - Buckhorn
	Along w/	104	tons	of C02		
Sqzd Entrada f/ 11901′ – 12145′	Sqzd w/	200 sxs	cmt			Closed Entrada
11901′ – 11903′						Closed - Entrada
11916′ – 11918′	Frac w/	141,000	Lbs in	27,972	Gals	Closed - Entrada
11944′ – 11947′	Along w/	79,200	gals	of C02		Closed - Entrada
11986′ – 11988′						Closed - Entrada
12023′ – 12024′						Closed - Entrada
12060′ – 12062′	Acidize	w/ 2,000	Gals	15% HCL		Closed - Entrada
12141′ – 12145′						Closed - Entrada
12284′ – 12308′	Frac w/	51,000#	Lbs in	16,380	Gals	Open - Navajo
12290′ – 12308′						Open - Navajo
12332′ – 12336′	Acidize	w/ 2,000	Gals	15% HCL		Open - Kayenta

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Deviation Summary

Well Name: FR 9P-17-14-20
TMD: 12,515.5 (ft) TVD: 12,505.48 (ft)
Closure Distance: 394.3 (ft) Closure Direction: 190.49 (°)
Location: 17- 14-S 20-E 26
Spud Date: 4/28/2008
Calculation Method: Minimum Curvature

S/T #	V.S. AZI (°)
OH	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	YNN	0.00	0.00	0.00	0.00	0.00	0.00	
OH	4,393.0	1.20	253.90	YNN	4,392.68	-12.76	-44.20	-12.76	0.03	0.03	MWD
OH	4,490.0	0.90	237.00	YNN	4,489.66	-13.45	-45.81	-13.45	0.44	-0.31	MWD
OH	4,586.0	1.00	225.80	YNN	4,585.65	-14.45	-47.05	-14.45	0.22	0.10	MWD
OH	4,683.0	1.30	223.00	YNN	4,682.63	-15.84	-48.40	-15.84	0.31	0.31	MWD
OH	4,782.0	1.20	220.10	YNN	4,781.61	-17.46	-49.84	-17.46	0.12	-0.10	MWD
OH	4,876.0	1.70	194.80	YNN	4,875.58	-19.56	-50.83	-19.56	0.85	0.53	MWD
OH	4,970.0	1.70	203.30	YNN	4,969.54	-22.19	-51.73	-22.19	0.27	0.00	MWD
OH	5,070.0	1.70	203.30	YNN	5,069.49	-24.91	-52.91	-24.91	0.00	0.00	MWD
OH	5,167.0	0.00	12.00	NNY	0.00	0.00	0.00	0.00	0.00	0.00	MWD
OH	5,264.0	0.00	12.00	NNY	0.00	0.00	0.00	0.00	0.00	0.00	MWD
OH	5,361.0	0.00	12.00	NNY	0.00	0.00	0.00	0.00	0.00	0.00	MWD
OH	5,457.0	2.30	192.00	YNN	5,456.26	-37.78	-56.79	-37.78	0.18	0.16	MWD
OH	5,555.0	0.00	12.00	NNY	0.00	0.00	0.00	0.00	0.00	0.00	MWD
OH	5,652.0	2.50	203.30	YNN	5,651.09	-45.51	-59.29	-45.51	0.26	0.10	MWD
OH	5,748.0	0.00	12.00	NNY	0.00	0.00	0.00	0.00	0.00	0.00	
OH	5,844.0	3.30	186.40	YNN	5,842.84	-54.85	-61.56	-54.85	0.61	0.42	
OH	5,943.0	3.30	186.40	YNN	5,941.68	-60.51	-62.20	-60.51	0.00	0.00	
OH	6,040.0	2.70	178.00	YNN	6,038.54	-65.57	-62.43	-65.57	0.77	-0.62	
OH	6,137.0	2.50	175.10	YNN	6,135.44	-69.96	-62.17	-69.96	0.25	-0.21	
OH	6,234.0	2.60	180.80	YNN	6,232.35	-74.27	-62.02	-74.27	0.28	0.10	
OH	6,331.0	2.50	192.10	YNN	6,329.25	-78.54	-62.49	-78.54	0.53	-0.10	MWD
OH	6,426.0	2.50	192.00	YNN	6,424.16	-82.59	-63.36	-82.59	0.00	0.00	MWD
OH	6,524.0	2.50	192.00	YNN	6,522.07	-86.77	-64.25	-86.77	0.00	0.00	MWD
OH	6,622.0	2.50	192.00	YNN	6,619.98	-90.95	-65.13	-90.95	0.00	0.00	MWD
OH	6,657.0	2.50	192.00	YNN	6,654.94	-92.45	-65.45	-92.45	0.00	0.00	MWD
OH	6,718.0	2.40	178.00	YNN	6,715.89	-95.03	-65.68	-95.03	0.99	-0.16	MWD
OH	6,809.0	2.70	180.80	YNN	6,806.80	-99.07	-65.65	-99.07	0.36	0.33	MWD
OH	6,915.0	3.30	180.80	YNN	6,912.65	-104.62	-65.72	-104.62	0.57	0.57	MWD
OH	7,011.0	3.50	186.40	YNN	7,008.48	-110.30	-66.09	-110.30	0.40	0.21	MWD
OH	7,108.0	3.30	186.40	YNN	7,105.31	-116.01	-66.73	-116.01	0.21	-0.21	MWD
OH	7,206.0	3.30	189.20	YNN	7,203.15	-121.60	-67.50	-121.60	0.16	0.00	MWD
OH	7,300.0	3.70	192.00	YNN	7,296.97	-127.24	-68.56	-127.24	0.46	0.43	MWD

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Deviation Summary

Well Name: FR 9P-17-14-20
TMD: 12,515.5 (ft) TVD: 12,505.48 (ft)
Closure Distance: 394.3 (ft) Closure Direction: 190.49 (°)
Location: 17- 14-S 20-E 26
Spud Date: 4/28/2008
Calculation Method: Minimum Curvature

S/T #	V.S. AZI (°)
OH	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	7,398.0	3.50	194.80	YNN	7,394.78	-133.22	-69.98	-133.22	0.27	-0.20	MWD
OH	7,493.0	3.20	194.80	YNN	7,489.62	-138.59	-71.40	-138.59	0.32	-0.32	
OH	7,593.0	3.30	192.00	YNN	7,589.46	-144.10	-72.71	-144.10	0.19	0.10	
OH	7,690.0	3.20	189.20	YNN	7,686.30	-149.51	-73.72	-149.51	0.19	-0.10	
OH	7,786.0	3.20	192.00	YNN	7,782.15	-154.77	-74.71	-154.77	0.16	0.00	
OH	7,883.0	3.10	192.00	YNN	7,879.01	-159.99	-75.82	-159.99	0.10	-0.10	
OH	7,981.0	3.00	189.20	YNN	7,976.87	-165.11	-76.78	-165.11	0.18	-0.10	
OH	8,237.0	3.10	192.00	YNN	8,232.50	-178.49	-79.29	-178.49	0.07	0.04	
OH	8,332.0	3.10	189.20	YNN	8,327.37	-183.54	-80.23	-183.54	0.16	0.00	
OH	8,428.0	3.20	189.20	YNN	8,423.22	-188.75	-81.08	-188.75	0.10	0.10	
OH	8,525.0	3.20	192.00	YNN	8,520.07	-194.07	-82.07	-194.07	0.16	0.00	
OH	8,624.0	3.30	189.20	YNN	8,618.91	-199.58	-83.10	-199.58	0.19	0.10	
OH	8,722.0	3.50	189.20	YNN	8,716.74	-205.32	-84.03	-205.32	0.20	0.20	
OH	8,760.0	3.10	189.20	YNN	8,754.67	-207.48	-84.38	-207.48	1.05	-1.05	
OH	8,857.0	3.00	186.40	YNN	8,851.54	-212.59	-85.08	-212.59	0.18	-0.10	
OH	8,954.0	3.10	189.20	YNN	8,948.40	-217.70	-85.79	-217.70	0.18	0.10	
OH	9,053.0	3.00	189.20	YNN	9,047.26	-222.90	-86.63	-222.90	0.10	-0.10	
OH	9,149.0	2.80	186.40	YNN	9,143.14	-227.71	-87.29	-227.71	0.26	-0.21	
OH	9,403.0	3.10	186.40	YNN	9,396.80	-240.70	-88.75	-240.70	0.12	0.12	
OH	9,500.0	3.10	183.60	YNN	9,493.66	-245.93	-89.21	-245.93	0.16	0.00	
OH	9,599.0	3.20	183.60	YNN	9,592.51	-251.36	-89.55	-251.36	0.10	0.10	
OH	9,695.0	3.10	183.60	YNN	9,688.36	-256.62	-89.88	-256.62	0.10	-0.10	
OH	9,793.0	3.00	178.00	YNN	9,786.22	-261.83	-89.95	-261.83	0.32	-0.10	
OH	9,829.0	3.00	183.60	YNN	9,822.18	-263.71	-89.98	-263.71	0.81	0.00	
OH	9,926.0	2.70	180.80	YNN	9,919.06	-268.53	-90.17	-268.53	0.34	-0.31	
OH	10,024.0	2.70	180.80	YNN	10,016.95	-273.15	-90.24	-273.15	0.00	0.00	
OH	10,120.0	2.70	180.80	YNN	10,112.84	-277.67	-90.30	-277.67	0.00	0.00	
OH	10,889.0	3.50	169.50	YNN	10,880.72	-318.86	-86.28	-318.86	0.13	0.10	
OH	10,987.0	3.80	172.30	YNN	10,978.52	-325.02	-85.29	-325.02	0.36	0.31	
OH	11,027.0	3.50	180.80	YNN	11,018.44	-327.55	-85.13	-327.55	1.54	-0.75	
OH	11,180.0	3.50	180.50	YNN	11,171.15	-336.89	-85.24	-336.89	0.01	0.00	
OH	11,220.0	3.40	178.00	YNN	11,211.08	-339.30	-85.21	-339.30	0.45	-0.25	
OH	11,311.0	3.10	166.70	YNN	11,301.93	-344.39	-84.55	-344.39	0.78	-0.33	

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Deviation Summary

Well Name: FR 9P-17-14-20
TMD: 12,515.5 (ft) TVD: 12,505.48 (ft)
Closure Distance: 394.3 (ft) Closure Direction: 190.49 (°)
Location: 17- 14-S 20-E 26
Spud Date: 4/28/2008
Calculation Method: Minimum Curvature

S/T #	V.S. AZI (°)
OH	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	11,409.0	3.30	161.10	YNN	11,399.78	-349.64	-83.03	-349.64	0.38	0.20	
OH	11,504.0	3.00	149.80	YNN	11,494.64	-354.37	-80.89	-354.37	0.72	-0.32	
OH	11,604.0	3.00	147.00	YNN	11,594.50	-358.83	-78.15	-358.83	0.15	0.00	EXT
OH	11,699.0	2.50	161.10	YNN	11,689.39	-362.88	-76.12	-362.88	0.88	-0.53	EXT
OH	12,250.0	1.50	176.40	YNN	12,240.05	-381.44	-71.78	-381.44	0.20	-0.18	MMS
OH	12,515.5	1.20	185.00	YNN	12,505.48	-387.68	-71.80	-387.68	0.14	-0.11	GSS

Operations Summary Report -COMPLETION

Well Name: FR 9P-17-14-20
Location: 17- 14-S 20-E 26
Rig Name: UNIT

Spud Date: 4/28/2008
Rig Release: 7/8/2008
Rig Number: 232

Date	From - To	Hours	Code	Sub Code	Description of Operations
7/24/2008	06:00 - 16:00	10.00	BOP	1	"TIGHT HOLE": Completion of new well. On 7/23/08 SICP=0 MIRU Basin Well Service #1 ND wellhead, NU 10k BOP's. Tally, drift and RIH with 3 3/4" bit, 4 1/2" csg scraper, 1-jt 2 3/8" P-110 tbg, 1.81 f-nipple and 339 jt's 2 3/8" P-110 tbg. EOT @ 10,968' SWIFN On 7/24/08 Will continue to PU tbg, circ well and POOH with tag. Casing size: 4-1/2" 13.5# P-110 Casing depth: 12,460
7/25/2008	06:00 - 16:00	10.00	BOP	1	"TIGHT HOLE": Completion of new well. On 7/24/08 SICP=0#, SITP=0 Contniue RIH with tbg. Tag PBTD @ 12,410'. Circulated 160 bbls 2% KCL with tbg tail @ 12,406' POOH with tbg,scraper & bit. SWIFN. Casing size: 4-1/2" 13.5# P-110 Casing depth: 12,460
7/28/2008	06:00 - 16:00	10.00	EQT	1	"TIGHT HOLE": Completion of new well. On 7/25/08 SICP=0 with no open perf's. RU Cased Hole Solutions WL and run a CBL/VDL/GR from tag @ 12,425' to surface with est.cement top @ 235'. Correlated the log to the Schlumberger Platform Express log dated 7/2/08. RU B&C Quick Test and pressure tested csg, BOP's and flowback manifold to 9000# Held good. RD Quick TEst. Perforate the following Kayenta interval @ 12,332-12,336' and the Navajo intervals @ 12,290-12,308; 12,284-12286' Per DBL dated 7/25/08 usint 3 1/8' gun at 3-JPF 120° phasing. 0-pressure increase with hole full of 2% KCL. On 7/28/08 will RIH with packer and break down perfs' with 2000 gal fo 15% HCl and 100 bio-balls Casing size: 4-1/2" 13.5# P-110 Casing depth: 12,460 Perfs: Zone#1 Kayenta: 12332 -12336 Navajo: 12290-12308'; 12284-12286'
7/29/2008	06:00 - 16:00	10.00	DEQ	2	"TIGHT HOLE": Completion of new well. On 7/28/08 SICP=0 MU and RIH with 4 1/2" HD packer, 1-jt. 1.81 F-nipple and 371=jt's tbg. Set packer @ 11,991'. In 20.000# compression. RU Halliburton to pump acid and couldn't get pump truck to run. SWIFN. On 7/29/08 Will pump acid with 100 bio-balls. Swab or flowtest. Casing size: 4-1/2" 13.5# P-110 Casing depth: 12,460 Perfs: Zone#1 Kayenta: 12332 -12336 Navajo: 12290-12308'; 12284-12286'
7/30/2008	06:00 - 16:00	10.00	DEQ	2	"TIGHT HOLE": Completion of new well. On 7/29/08 SICP=0, SITP=0. With packer set @ 11991'. Finish RU Halliburton. Acidize the Navajo intervals @ 12284-88'; 12290-12308 and the Kayenta interval @ 12332-36' down the tbg using 2000 gal.of 15% HCl acid and 100-1" bio balls. Pumped as follows: 10-bbls 2% KCL water, 2000 gal acid with 100-bio-balls spaced out in acid and flushed with 76-bbls 2% KCL water. Perf's broke at 3807# pressure. Pumped into perf's at an average rate of 4.5 BPM with max pressure of 5240# an some ball action with an average treating pressure of 4700#. ISIP=2267# 5 min=2053#; 10 min=1917#;

Operations Summary Report

Well Name: FR 9P-17-14-20
Location: 17- 14-S 20-E 26
Rig Name: UNIT

Spud Date: 4/28/2008
Rig Release: 7/8/2008
Rig Number: 232

Date	From - To	Hours	Code	Sub Code	Description of Operations
7/30/2008	06:00 - 16:00	10.00	DEQ	2	15 min=1803#. SWI and RD Halliburton. NU tbg to flowback manifold. After 20min SI well had 1400#. Opened on 32/64 choke. Flow 10 bbls and died. RIH with swab. IFL @ surface, made 17 swab runs Rec 50 bbls total fluid, showing lite gas with FFL @ 4200' PH=6 SWIFN On 7/30/08 will continue to swab test. Casing size: 4-1/2" 13.5# P-110 Casing depth: 12,460 Minus daily recovery: 50 Plus water today: 128 LLTR: 78 Perfs: Zone#1 Kayenta: 12332 -12336 Navajo: 12290-12308'; 12284-12286'
7/31/2008	06:00 - 16:00	10.00	SWAB	1	"TIGHT HOLE": Completion of new well. On 7/30/08 SICP=0 SITP=900#. Blew tbg to 0 pressure full/open with no fluid recovery. RIH with swab. IFL @ 3500'. Made 1-run and rec. 5 bbls showing no gas. Lost sinker bars on 2nd run. Released packer set @ 11991' POOH with tbg and packer. Lay down sinker bars. RIH with new 4 1/2" HD packer and tbg. Set PKR @ 11991' Tested csg to 500# held good. SWIFN. On 7/31/08 Will continue to swab test. Casing size: 4-1/2" 13.5# P-110 Casing depth: 12,460 Load from yesterday: 78 Minus daily recovery: 5 LLTR: 73 Perfs: Zone#1 Kayenta: 12332 -12336 Navajo: 12290-12308'; 12284-12286'
8/1/2008	06:00 - 16:00	10.00	SWAB	1	"TIGHT HOLE": Completion of new well. On 7/31/08 SICP=0 SITP=900#. Blew tbg to 0 with no fluid recoverd. RIH with swab. IFL @ 1300', made 7 swab runs. Recovered 21-bbls. FFL @ 800' Well started flowing on full 2" with 50# tbg pressure. Flow 2 hours and died. Rec.4-bbls. RIH with swab IFL @ 3800' made 8 swab runs (15-total) Rec.9-bbls of gas cut fulid (34-total bbls) FFL @ 5600' showing med gas. PH=8 SWIFN. On 8/01/08 Will continue to swab test well. Casing size: 4-1/2" 13.5# P-110 Casing depth: 12,460 Load from yesterday: 73 Minus daily recovery: 34 Plus water today: 0 LLTR: 39 Perfs:

Operations Summary Report

Well Name: FR 9P-17-14-20
Location: 17- 14-S 20-E 26
Rig Name: UNIT

Spud Date: 4/28/2008
Rig Release: 7/8/2008
Rig Number: 232

Date	From - To	Hours	Code	Sub Code	Description of Operations
8/1/2008	06:00 - 16:00	10.00	SWAB	1	Zone#1 Kayenta: 12332 -12336 Navajo: 12290-12308'; 12284-12286'
8/4/2008	06:00 - 16:00	10.00	SWAB	1	"TIGHT HOLE": Completion of new well. On 8/1/08 SICP=0, SITP=3000#. Open well to pit on 32/64 choke, adjusting choke size as necessary. Rec 18 bbls of gas cut fluid. Pressure leveled out @ 25# on 48/64 choke. Flow well thru weekend. At 6:00 am on 8/3/08 FTP @ 40# on 48/64 choke, blowing a lite mist. Rec 0 bbls after initial rec. of 18 bbls. On 8/3/08 Will continue to flow well. Casing size: 4-1/2" 13.5# P-110 Casing depth: 12,460 Load from yesterday: 39 Minus daily recovery: 18 Plus water today: 0 LLTR: 21 Perfs: Zone#1 Kayenta: 12332 -12336 Navajo: 12290-12308'; 12284-12286'
8/5/2008	06:00 - 16:00	10.00	WCL	2	"TIGHT HOLE": Completion of new well. At 6:00AM on 8/3/08 FTP=40# on a 48/64" choke and blowing a very light mist of water and gas. Continue to flow test the well during the day ant at 4:00PM on 8/4/08 FTP=40# on a 48/64" choke with a very fine flow of gas and water with no measurable fluid recovery today. Have recovered a totall of 18 bbl.of initial recovery. Ran a gas analysis late AM on 8/3/08 with the following results: N2=1.30%; CO2=2.14% Methane=89.89% ; BTU=1064.4; Grav 0.6354. Continue to flow the well for the last 24 hours. On 8/5/08 will run BHP bombs and pull on 8/6/08. Casing size: 4-1/2" 13.5# P-110 Casing depth: 12,460 Load from yesterday: 21 Minus daily recovery: 0 Plus water today: 0 LLTR: 21 Perfs: Zone#1 Kayenta: 12332 -12336 Navajo: 12290-12308'; 12284-12286'
8/6/2008	06:00 - 16:00	10.00	STIM	3	"TIGHT HOLE": Completion of new well. On AM of 8/5/08 FTP-40# on a 48/64" choke while flowing to the pit with no measureable water in the last 24 hours. MIRU PLS wireline and set tandem BHP bomgs in "F" nipple above perfs..SI the well at noon on 8/5/08. Will pull the bombs on 8/6/08 Casing size: 4-1/2" 13.5# P-110 Casing depth: 12,460 Load from yesterday: 21

Operations Summary Report

Well Name: FR 9P-17-14-20
Location: 17- 14-S 20-E 26
Rig Name: UNIT

Spud Date: 4/28/2008
Rig Release: 7/8/2008
Rig Number: 232

Date	From - To	Hours	Code	Sub Code	Description of Operations
8/6/2008	06:00 - 16:00	10.00	STIM	3	Minus daily recovery: 0 Plus water today: 0 LLTR: 21 Perfs: Zone#1 Kayenta: 12332 -12336 Navajo: 12290-12308'; 12284-12286'
8/7/2008	06:00 - 16:00	10.00	DEQ	2	"TIGHT HOLE": Completion of new well. On 8/8/08 after a 24 hour SI period with BHP bombs in the hole SITP=2950#. Pull BHP bombs making gradient stops. Bombs were set at 11960'. Bled off well. Pump 40 bbl.of 2% KCL water down the tbg..Release ret.packer and lay down tbg.to 6000'. SIFN. On 8/7/08 will continue to lay down packer and tbg..and prepare to move off well. Casing size: 4-1/2" 13.5# P-110 Casing depth: 12,460 Load from yesterday: 21 Minus daily recovery: 0 Plus water today: 40 LLTR: 61 Perfs: Zone#1 Kayenta: 12332 -12336 Navajo: 12290-12308'; 12284-12286'
8/8/2008	06:00 - 16:00	10.00	DEQ	2	"TIGHT HOLE": Completion of new well. On 8/7/08 SITP=1500# and SICP=1000#. Bled off well. POOH with packer and tbg.to 3000' and pump 100 bbl.of 2% KCL water down the tbg.to kill well for remainder of trip out. Finish POOH with packer and lay down remainder of 2-3/8" tbg..ND BOP's and NU frac valve and frac head assembly. SIFN. On 8/8/08 will RD Basin Well Service rig #1. Casing size: 4-1/2" 13.5# P-110 Casing depth: 12,460 Load from yesterday: 61 Minus daily recovery: 0 Plus water today: 100 LLTR: 161 Perfs: Zone#1 Kayenta: 12332 -12336 Navajo: 12290-12308'; 12284-12286'
8/11/2008	06:00 - 16:00	10.00	LOC	4	"TIGHT HOLE": Completion of new well. On 8/8/08 RDMO Basin Well Service #1. Report discontined until further activity. Casing size: 4-1/2" 13.5# P-110 Casing depth: 12,460 Load from yesterday: 61

Operations Summary Report

Well Name: FR 9P-17-14-20
Location: 17- 14-S 20-E 26
Rig Name: UNIT

Spud Date: 4/28/2008
Rig Release: 7/8/2008
Rig Number: 232

Date	From - To	Hours	Code	Sub Code	Description of Operations
8/11/2008	06:00 - 16:00	10.00	LOC	4	Minus daily recovery: 0 LLTR: 161 Perfs: Zone#1 Kayenta: 12332 -12336 Navajo: 12290-12308'; 12284-12286'
8/13/2008	06:00 - 16:00	10.00	WOT	2	"TIGHT HOLE": Completion of new well. On 8/12/08 MIRU Basin WS #3 rig. Will continue to hook up manifold system and wait on frac. Report discontinuted until further activity. Casing size: 4-1/2" 13.5# P-110 Casing depth: 12,460 Load from yesterday: 61 Minus daily recovery: 0 LLTR: 161 Perfs: Zone#1 Kayenta: 12332 -12336 Navajo: 12290-12308'; 12284-12286'
8/18/2008	06:00 - 16:00	10.00	STIM	3	"TIGHT HOLE": Completion of new well. On 8/15/08 MIRU Halliburton frac crew. Frac Kayenta perfs. 12332-36' and Navajo gross perforated interval 12284-86' and 12290-12308' down 4-1/2" csg.using a Pur=Gel 70% quality CO2 foam frac with 2% KCL x-linked fluid as follows: Pump a 2500 gal.pad and stage 1-4 ppt 20/40 mesh sand in 8100 gal.of slurry fluid and flush with 1673 gals.of slurry volume. Pumped a total of 51000# of 30/50 ISP sand and a total load of 390 bbl..Total of 80 tons of CO2. Max.rate=54.8: Ave=30.5 BPM; Max.psi=8155#; Ave=5034#; ISIP=3225#; FG=0.7. RDMO Halliburton. After a 1/2 hour SI period SICP=2800#. Open the csg.to the pit on a 24/64" choke and continue to flow the well on various chokes thru Monday (8/18/08) AM with the following readings: At 7:00AM on 8/17/08 FCP=700# on a 24/64" choke with est total recovery of 37 bbl.of water with a very fine mist of water with CO2 and trace of sand. At 7:00AM on 8/18/08 FCP=300# on a 34/64" choke with a total recovery of 13 bbl.in the last 24 hours for a total of 50 bbl.with a very fine mist with Methane gas and CO2 gas with trace of sand. Continue to flow to clean up well. Casing size: 4-1/2" 13.5# P-110 Casing depth: 12,460 Load from yesterday: 500 Minus daily recovery: 50 LLTR: 450 Perfs: Zone#1 Kayenta: 12332 -12336 Navajo: 12290-12308'; 12284-12286'
8/19/2008	06:00 - 16:00	10.00	PERF	2	"TIGHT HOLE": Completion of new well. On 8/15/08 MIRU Halliburton frac crew. Frac Kayenta perfs.12332-36' and Navajo gross perforated interval 12284-86' and 12200-12308' down 4-1/2" csg.using a Pur-Gel 70% quality CO2 foam frac with 2% KCL x-linked fluid as follows: Pump a 2500

Operations Summary Report

Well Name: FR 9P-17-14-20
Location: 17- 14-S 20-E 26
Rig Name: UNIT

Spud Date: 4/28/2008
Rig Release: 7/8/2008
Rig Number: 232

Date	From - To	Hours	Code	Sub Code	Description of Operations
8/19/2008	06:00 - 16:00	10.00	PERF	2	gal.pad and stage 1-4 ppg 20/40 mesh sand in 8100 gal.of slurry fluid and flush with 1673 gals.of slurry volume. Pumped a total of 51000# of 30/50 ISP sand and a total load of 390 bbl..Total of 80 tons of CO2. Max.rate=54.8; Ave=30.5 BPM; Max.psi=8155#; Ave=5034#; ISIP=3225#; FG=0.7. RDMO Halliburton. After a 1/2 hour SI period SICP=2800#. Open the csg.to the pit on a 24/64" choke and continue to flow the well on various chokes thru Monday (8/18/08) AM with the following readings: At 7:00AM on 8/17/08 FCP=700# on a 24/64" choke with an est total recovery of 37 bbl.of water with a very fine mist of water with CO2 and trace of sand. At 7:00AM on 8/18/08 FCP=300# on a 34/64" choke with a total recovery of 13 bbl.In the last 24 hours for a total of 50 bbl.with a very fine mist with Methane gas and CO2 gas with trace of sand. Continue to flow to clean up well. At: 7:00AM on 8/19/08 FCP=300# on a 34/64" chke with a total recovery of 3 bbl.of water in the last 24 hours for a total of 53 bbl.of water and flowed the well for the last 24 hours on a 34/64" choke with FCP=300# and this AM the metane appears to be approx.75% with 25% CO2 and will take a gas analysis this PM. Continue to flow. Casing size: 4-1/2" 13.5# P-110 Casing depth: 12,460 Load from yesterday: 450 Minus daily recovery: 3 LLTR: 447 Perfs: Zone#1 Kayenta: 12332 -12336 Navajo: 12290-12308'; 12284-12286'
8/20/2008	06:00 - 16:00	10.00	PERF	2	"TIGHT HOLE": Completion of new well. On 8/15/08 MIRU Halliburton frac crew. Frac Kayenta perfs.12332-36' and Navajo gross perforated interval 12284-86' and 12200-12308' down 4-1/2" csg.using a Pur-Gel 70% quality CO2 foam frac with 2% KCL x-linked fluid as follows: Pump a 2500 gal.pad and stage 1-4 ppg 20/40 mesh sand in 8100 gal.of slurry fluid and flush with 1673 gals.of slurry volume. Pumped a total of 51000# of 30/50 ISP sand and a total load of 390 bbl..Total of 80 tons of CO2. Max.rate=54.8; Ave=30.5 BPM; Max.psi=8155#; Ave=5034#; ISIP=3225#; FG=0.7. RDMO Halliburton. After a 1/2 hour SI period SICP=2800#. Open the csg.to the pit on a 24/64" choke and continue to flow the well on various chokes thru Monday (8/18/08) AM with the following readings: At 7:00AM on 8/17/08 FCP=700# on a 24/64" choke with an est total recovery of 37 bbl.of water with a very fine mist of water with CO2 and trace of sand. At 7:00AM on 8/18/08 FCP=300# on a 34/64" choke with a total recovery of 13 bbl.In the last 24 hours for a total of 50 bbl.with a very fine mist with Methane gas and CO2 gas with trace of sand. Continue to flow to clean up well. At: 7:00AM on 8/19/08 FCP=300# on a 34/64" choke with a total recovery of 3 bbl.of water in the last 24 hours for a total of 53 bbl.of water and flowed the well for the last 24 hours on a 34/64" choke with FCP=300# and this AM the metane appears to be approx.75% with 25% CO2 and will take a gas analysis this PM. Continue to flow. At 7:00AM on 8/19/08 FCP=300# on a 34/64" choke flowing gas and CO2. Took gas sample at 1:30PM on 8/19/08 with the following results: N2=1.2% CO2=3.4% Methane=88.5% BTU=1065' Grav=0.6562. SI the well at 2:00PM on 8/19/08 with a FCP=300# on a 34/64" choke. On 8/20/08 will wireline set 2 CIBP's and perforate additional Zones. Casing size: 4-1/2" 13.5# P-110

Operations Summary Report

Well Name: FR 9P-17-14-20
Location: 17- 14-S 20-E 26
Rig Name: UNIT

Spud Date: 4/28/2008
Rig Release: 7/8/2008
Rig Number: 232

Date	From - To	Hours	Code	Sub Code	Description of Operations
8/20/2008	06:00 - 16:00	10.00	PERF	2	Casing depth: 12,460 Load from yesterday: 447 Minus daily recovery: 1 LLTR: 448 Perfs: Zone#1 Kayenta: 12332 -12336 Navajo: 12290-12308'; 12284-12286'
8/21/2008	06:00 - 16:00	10.00	PERF	2	"TIGHT HOLE": Completion of new well. On AM of 8/20/08 SICP=2350#. MIRU Cased Hole Solutions and wireline set a 4-1/2" CIBP at 12250'. Bled off csg.RIH with another 4-1/2" CIBP and set at 12220'. IFL at 3900'. Perforate the following Entrada intervals at 3 JPF using a 3-1/8" csg.gun at 120° phasing per the CBL log dated 7/25/08: 11901-03'; 11916-18'; 11944-47'; 11986-88'; 12023=24'; 12060-62'; & 12141'-45' (48 holes). FFL at 3900'. RDMO Cased Hole Solutions. SIFN. On 8/21/08 SICP=slight vacuum. Will tally and rabbint in the hole with 2-3/8" tbg.and ret.packer. Casing size: 4-1/2" 13.5# P-110 Casing depth: 12,460 Perfs: Zone#1 Kayenta: 12332 -12336 Navajo: 12290-12308'; 12284-12286' Entrada: (8/20/08); 11901-03'; 11916'-18'; 11944-47'; 11986'-88' 12023-24'; 12060'62'; 12141-45'
8/22/2008	06:00 - 16:00	10.00	PERF	2	"TIGHT HOLE": Completion of new well. Entrada gross perforated interval: 11901-12145' On 8/21/08 SICP=slight vacuum from Entrada perfs..Tally and rabbit in the hole with 4-1/2" HD ret.packer and 2-3/8" EUE 8rd 4.7# P-110 tbg.to 9433'. SIFN. On 8/22/08 will continue to PU tbg.to set packer above the above Entrada perfs. Casing size: 4-1/2" 13.5# P-110 Casing depth: 12,460 Perfs: Zone#1 Kayenta: 12332 -12336 Navajo: 12290-12308'; 12284-12286' Entrada: (8/20/08); 11901-03'; 11916'-18'; 11944-47'; 11986'-88' 12023-24'; 12060'62'; 12141-45'
8/25/2008	06:00 - 16:00	10.00	DEQ	2	"TIGHT HOLE": Completion of new well. Entrada gross perforated interval: 11901-12145' On 8/22/08 SITP and SICP=0# from the Entrada interval above. Continue to tally and rabbit in the hole with a ret.packer and 2-3/8" EUE 8rd 4.7# p-11 tbg.and set the packer at 11808'. Test packer to 750# and held OK. RU swab. IFL at 1600'. Make 7 swab runs and recovered 35 bbl.of water with no gas and FFL at 10500'. RD swab and

Operations Summary Report

Well Name: FR 9P-17-14-20
Location: 17- 14-S 20-E 26
Rig Name: UNIT

Spud Date: 4/28/2008
Rig Release: 7/8/2008
Rig Number: 232

Date	From - To	Hours	Code	Sub Code	Description of Operations
8/25/2008	06:00 - 16:00	10.00	DEQ	2	SIFW. On 8/25/08 will continue to swab. Casing size: 4-1/2" 13.5# P-110 Casing depth: 12,460 Perfs: Zone#1 Kayenta: 12332 -12336 Navajo: 12290-12308'; 12284-12286' Entrada: (8/20/08); 11901-03'; 11916'-18'; 11944-47'; 11986'-88' 12023-24'; 12060'62'; 12141-45'
8/26/2008	06:00 - 16:00	10.00	SWAB	1	"TIGHT HOLE": Completion of new well. Entrada gross perforated interval: 11901-12145' On 8/25/08 SITP=200# and SICP=0#. Bled off tbg.with no fluid recovery. RU swab. IFL at 9600'. Make 1 run and recovered 5 bbl.of water with a show of gas. Load tbg.with 2% KCL water and break down Entrada perfs.with 10 bbl. of 2% KCL water with a break at 1600# and pump into the perfs.with the 10 bbl.of water at 1-1/4 BPM at 1800# with ISIP=1150#. Open tbg.and flowed back 5 bbl.of water and died. RU swab. Make an additional 9 runs with IFL at surface and recovered 47 bbl.of water with FFL at "F" nipple and a dry run with no gas. RD swab and SIFN. On 8/26/08 with acidize Entrada.Interval 11901-12145'. Casing size: 4-1/2" 13.5# P-110 Casing depth: 12,460 Perfs: Zone#1 Kayenta: 12332 -12336 Navajo: 12290-12308'; 12284-12286' Entrada: (8/20/08); 11901-03'; 11916'-18'; 11944-47'; 11986'-88' 12023-24'; 12060'62'; 12141-45'
8/27/2008	06:00 - 16:00	10.00	SWAB	1	"TIGHT HOLE": Completion of new well. Entrada gross perforated interval: 11901-12145' On 8/26/08 SITP=100# and SICP=0#. Bled off tbg.with no fluid recovery. RU swab IFL at 0000'. Make 1 swab run and recovered 4 bbl.of water. Make 3 additional runs and they were dry. MIRU Halliburton acid grow and acidize gross perforated Entrada interval 11901-12145' down 2-3/8" tbg.as follows: Fill tbg.with 41 bbl.of 2% KCL water and pump 10 bbl.of 15% HCL followed by an additional 38 bbl.of 15% HCL acid with 75=7/8" Bio-Balls and flush with 51 bbl.of 2% KCL water. Broke at 2495#. Max.psi=4490#; Ave.psi=2495#; Max.rate=4.9 BPM; Avg.rate=6 RPM; ISIP=1785# 15 minutes 1495# saw minimal ball action break. RDMO Halliburton. Bled off tbg and recovered 26 bbl of water and tbg died. RU swab IFL at surface. Make 12 swb runs and recovered an additional 66 bbl.of water. FFL at 8100'. Final PH=5. RD swab and SIFN Recovered a total of 94 bbl. today. LLR=38 bbl..On 6/27/08 will continue to swab. Saw a slight show of gas. Casing size: 4-1/2" 13.5# P-110 Casing depth: 12,460

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Operations Summary Report

Well Name: FR 9P-17-14-20
Location: 17- 14-S 20-E 26
Rig Name: UNIT

Spud Date: 4/28/2008
Rig Release: 7/8/2008
Rig Number: 232

Date	From - To	Hours	Code	Sub Code	Description of Operations
8/27/2008	06:00 - 16:00	10.00	SWAB	1	Load from yesterday: 0 Minus daily recovery: 94 Plus water today: 132 LLTR: 38 Perfs: Zone#1 Kayenta: 12332 -12336 Navajo: 12290-12308'; 12284-12286' Entrada: (8/20/08); 11901-03'; 11916'-18'; 11944-47'; 11986'-88' 12023-24'; 12060'62'; 12141-45'
8/28/2008	06:00 - 16:00	10.00	SWAB	1	"TIGHT HOLE": Completion of new well. Entrada gross perforated interval: 11901-12145' On 8/27/08 SITP=300# and SICP=0# with packer set. Bled off tbg.with no fluid recovery. RU swab. IFL at 5700'. Make 17 swab runs and recovered 44 bbl.of very light gas cut water with FFL at 11400'. RD swab and SIFN. On 8/28/08 will continue to swab. Casing size: 4-1/2" 13.5# P-110 Casing depth: 12,460 Load from yesterday: 38 Minus daily recovery: 44 LLTR: 6 over Perfs: Zone#1 Kayenta: 12332 -12336 Navajo: 12290-12308'; 12284-12286' Entrada: (8/20/08); 11901-03'; 11916'-18'; 11944-47'; 11986'-88' 12023-24'; 12060'62'; 12141-45'
9/2/2008	06:00 - 16:00	10.00	SWAB	1	"TIGHT HOLE": Completion of new well. Entrada gross perforated interval: 11901-12145' On 08/28/08 SITP=450# and SICP=0# with packer set. Bled off tbg.with no fluid recovery. RU swab. IFL at 7500'. Make 5 swab runs and recovered 11 bbl.of water with the last dry. Make 5 swab runs and recovered an additional 2-1/2 bbl..with no recovery on the last run with very lite gas. Putting from the "F" nipple at 11770'. RD swab and SIFN. On 8/29/08 SITP=550# and SICP=0# with packer set. Bled off tbg.with no fluid recovery. RU swab. IFL at 8500'. Make 5 swab runs and recovered 12 bbl.of very slight gas cut water with FFL at 11100'. RD swab. MIRU PLS wireline and ran tandam BHP bombs and set in "F" nipple at 11770'. SI well. On 9/2/08 will pull BHP bombs and pull a gas sample. Casing size: 4-1/2" 13.5# P-110 Casing depth: 12,460 Load from yesterday: 6over Minus daily recovery: 26

Operations Summary Report

Well Name: FR 9P-17-14-20
Location: 17- 14-S 20-E 26
Rig Name: UNIT

Spud Date: 4/28/2008
Rig Release: 7/8/2008
Rig Number: 232

Date	From - To	Hours	Code	Sub Code	Description of Operations
9/2/2008	06:00 - 16:00	10.00	SWAB	1	LLTR: 32 over Perfs: Zone#1 Kayenta: 12332 -12336 Navajo: 12290-12308'; 12284-12286' Entrada: (8/20/08); 11901-03'; 11916'-18'; 11944-47'; 11986'-88' 12023-24'; 12060'62'; 12141-45'
9/3/2008	06:00 - 16:00	10.00	SWAB	1	"TIGHT HOLE": Completion of new well. Entrada gross perforated interval: 11901-12145' On 9/2/08 SITP=1875# and SICP=0# with packer set. POOH with BHP bombs making gradient stops. RDMO PLS. Obtain gas sample with following results: N2=1.03%; Methane=90.67%; CO2=4.38% ; BTU =1000.9; Grav.=.0.6281. Bled off well. Fill tbg.with 45 bbl.of 2% KCL water. Relese packer at 11808'. Pull packer and tbg. to 9875'. SIFN. On 9/3/08 will continue to POOH with packer and tbg.and prepare well to frac on 9/4/08. Casing size: 4-1/2" 13.5# P-110 Casing depth: 12,460 Load from yesterday: 32 over LLTR: 32 over Perfs: Zone#1 Kayenta: 12332 -12336 Navajo: 12290-12308'; 12284-12286' Entrada: (8/20/08); 11901-03'; 11916'-18'; 11944-47'; 11986'-88' 12023-24'; 12060'62'; 12141-45'
9/4/2008	06:00 - 16:00	10.00	STIM	3	"TIGHT HOLE": Completion of new well. Entrada gross perforated interval: 11901-12145' On 9/3/08 SITP=350# and SICP=50#. Bled off well. Finish POOH with packer and tbg..NU remainder of frac head assembly. SIFN. On 9/4/08 will frac gross Entrada interval 11901-12145'. Casing size: 4-1/2" 13.5# P-110 Casing depth: 12,460 Load from yesterday: 32 over LLTR: 32 over Perfs: Zone#1 Kayenta: 12332 -12336 Navajo: 12290-12308'; 12284-12286' Entrada: (8/20/08); 11901-03'; 11916'-18'; 11944-47'; 11986'-88' 12023-24'; 12060'-62'; 12141-45'
9/5/2008	06:00 - 16:00	10.00	STIM	3	"TIGHT HOLE": Completion of new well. Entrada gross perforated interval: 11901-12145' On 9/4/08 SICP=50#. MIRU Superior Frac Services and frac the Entrada gross

Operations Summary Report

Well Name: FR 9P-17-14-20
Location: 17- 14-S 20-E 26
Rig Name: UNIT

Spud Date: 4/28/2008
Rig Release: 7/8/2008
Rig Number: 232

Date	From - To	Hours	Code	Sub Code	Description of Operations
9/5/2008	06:00 - 16:00	10.00	STIM	3	perforated interval 11901-12145" down 4-1/2" csg.using a 2% x-linked gel Super LpH 70% CO2 quiality system as follows: Pump 1000 gal.of pre-pad and ump a 17000 pad and stage 1 ppg to 4 ppg 20/40 OptiProp 62 in 8000 gal.of fluid and 7000 gal.of fluid and flush with 2984 gal.of fluid. These are fluid volumes and not foam volumes. Total fluid volumes is 28000 gal.and total foam volume is 79200 gal...Total sand is 141M#. Total load of 666 bbl.of fluid and a total energized volume of 1880 bbl..Max.rate=46; Ave=44 BPM; Max.psi-7300#; Ave=6600#; ISIP=3377# (.72). SICP=2000#. Continue to flow the csg.on various chokes throught out the day and night and at 6:00 AM on 9/5/08 FCP=400# on a current 24/64" choke with no fluid recovery in the last 3 hours and a cumulative recovery of 345 bbl..Flowing straight C02 gas at 6:00AM. Will continue to flow to clean up. Casing size: 4-1/2" 13.5# P-110 Casing depth: 12,460 Load from yesterday: 666 Minus daily recovery: 345 LLTR: 321 LLTR: 32 over Perfs: Zone#1 Kayenta: 12332 -12336 Navajo: 12290-12308'; 12284-12286' Entrada: (8/20/08); 11901-03'; 11916'-18'; 11944-47'; 11986'-88' 12023-24'; 12060'-62'; 12141-45'
9/8/2008	06:00 - 16:00	10.00	STIM	3	"TIGHT HOLE": Completion of new well. Entrada gross perforated interval: 11901-12145' On 6:00 AM 9/5/08 FCP=400# on a 24/64" choke with a cum.recovery to 345 bbl.with straight CO2 and no fluid recovery in the last 3 hours. Continue to flow to clean up from CO2 frac. On 9/6/08 at 7:00AM FCP=100# on a 38/64" choke with an additional 75 bbl.of water recovered in the last 11 hours with a cum.of 480 bbl.and CO2 mis with no methane. On 9/7/08 FCP=50# on a 38/64" choke with an additional 140 bbl.recovered in the last 24 hours (620 total) with CO2 gas no methane andan occasional surge of heavy water mist. On 9/8/08 at 7:00AM FCP=0 on a 64/64" choke with an additiona 55 bbl.recovered in the last 24 hours (675 total) and CO2 and no methane smell. On 9/8/08 will RIH with tbg.to check for sand and cleanout if necessary and swab last. Casing size: 4-1/2" 13.5# P-110 Casing depth: 12,460 Load from yesterday: 321 Minus daily recovery:330 LLTR: 9 over Perfs: Zone#1 Kayenta: 12332 -12336 Navajo: 12290-12308'; 12284-12286' Entrada: (8/20/08); 11901-03';

Operations Summary Report

Well Name: FR 9P-17-14-20
Location: 17- 14-S 20-E 26
Rig Name: UNIT

Spud Date: 4/28/2008
Rig Release: 7/8/2008
Rig Number: 232

Date	From - To	Hours	Code	Sub Code	Description of Operations
9/8/2008	06:00 - 16:00	10.00	STIM	3	11916'-18'; 11944-47'; 11986'-88' 12023-24'; 12060'-62'; 12141-45'
9/9/2008	06:00 - 16:00	10.00	STIM	3	"TIGHT HOLE": Completion of new well. Entrada gross perforated interval: 11901-12145' On 9/8/08 AM FCP=0# on a 64/64" choke with CO2 and no methane. ND upper frac head assembly. NU single BOP pipe ram. Pump 50 bbl.of 2% KCL water down csg.to top kill. RIH with 2-3/8" tbg.and tag at 12172' (27' of rat hole). Pull tbg.tail to 11810' (91' above top perf.). SIFN. On 9/9/08 will swab well. Casing size: 4-1/2" 13.5# P-110 Casing depth: 12,460 Minus daily recovery:0 Plus water today: 50 LLTR: 50 Perfs: Zone#1 Kayenta: 12332 -12336 Navajo: 12290-12308'; 12284-12286' Entrada: (8/20/08); 11901-03'; 11916'-18'; 11944-47'; 11986'-88' 12023-24'; 12060'-62'; 12141-45'
9/10/2008	06:00 - 16:00	10.00	PTST	2	"TIGHT HOLE": Completion of new well. Entrada gross perforated interval: 11901-12145' On 9/9/08 SITP=1500# and SICP=1400# with tbg.tail at 11810'. Open tbg.to the pit on a 64/64" choke. Flowed the and flowing CO2 and water with a SICP=875#. Continue to flow the well overnight and at 7:00AM on 9/10/08 FTP=25# on a 64/64" choke with a recovery of 5 bbl.per hour of CO2 and water with a SICP=535#. Have recovered a total of 235 bbl.in the last 24 hours. Continue to flow test. Casing size: 4-1/2" 13.5# P-110 Casing depth: 12,460 Load from yesterday: 50 Minus daily recovery: 235 LLTR: 185 over Perfs: Zone#1 Kayenta: 12332 -12336 Navajo: 12290-12308'; 12284-12286' Entrada: (8/20/08); 11901-03'; 11916'-18'; 11944-47'; 11986'-88' 12023-24'; 12060'-62'; 12141-45'
9/11/2008	06:00 - 16:00	10.00	PTST	2	"TIGHT HOLE": Completion of new well. Entrada gross perforated interval: 11901-12145' On 9/10/08 at 3:00PM FCP=25# and SICP=520# with tbg.flowing on a 64/64" choke with a recovery of 5 bbl.per hour of water and CO2 gas. No methane vapors. Flowed for the last 24 hours and recovered an additional 131 bbl.of water in the last 24 hours. Continue to flow test to clean up CO2. Casing size: 4-1/2" 13.5# P-110

Operations Summary Report

Well Name: FR 9P-17-14-20
Location: 17- 14-S 20-E 26
Rig Name: UNIT

Spud Date: 4/28/2008
Rig Release: 7/8/2008
Rig Number: 232

Date	From - To	Hours	Code	Sub Code	Description of Operations
9/11/2008	06:00 - 16:00	10.00	PTST	2	Casing depth: 12,460 Load from yesterday: 185 over Minus daily recovery: 131 LLTR: 306 over Perfs: Zone#1 Kayenta: 12332 -12336 Navajo: 12290-12308'; 12284-12286' Entrada: (8/20/08); 11901-03'; 11916'-18'; 11944-47'; 11986'-88' 12023-24'; 12060'-62'; 12141-45'
9/12/2008	06:00 - 16:00	10.00	PTST	2	"TIGHT HOLE": Completion of new well. Entrada gross perforated interval: 11901-12145' On 9/11/08 continue to flow the well. FTP=25# and SICP=460#. Has both water mist slugs and methane and CO2 smell. At noon tbg.has quit flowing with SICP=450#. Open csg.on a 64/64" choke and bled down to 0#. Left both tbg.and csg.open overnight to vent and to be able to swab on 9/12/08. Recovered 39 bbl.of water today. Casing size: 4-1/2" 13.5# P-110 Casing depth: 12,460 Load from yesterday: 316 over Minus daily recovery: 39 LLTR: 355 over Perfs: Zone#1 Kayenta: 12332 -12336 Navajo: 12290-12308'; 12284-12286' Entrada: (8/20/08); 11901-03'; 11916'-18'; 11944-47'; 11986'-88' 12023-24'; 12060'-62'; 12141-45'
9/15/2008	06:00 - 16:00	10.00	SWAB	1	"TIGHT HOLE": Completion of new well. Entrada gross perforated interval: 11901-12145' On 9/12/08 have no pressure on csg.and tbg.with both open to the flat tank overnight and have only vapors of gas and CO2 gas from each side. RU swab. Make 2 swab runsto SN with no fluid recovery and no fluid tag. RIH with tbg.andtag at 12173' (no new fill and 28' of rat hole.) Re-land tbg.at 11810'. Put tbg.on a 32/64" choke and SI the csg..Flow the tbg.to the flat tank with some methane gas and CO2 ga. At 3:00PM on 9/12/08 SICP-275# and FTP=25# on a 34/64" choke and approx.flow up the tbg.of 2 bbl.per hour. Continue to flow test over the weekend. On AM of 9/13/08 FTP=25# on a 34/64" choke with SICP=520# and a total recovery of 64 bbl.of water since AM. on 9/12.08. Methane and CO2 at a rate of 1-1/2 to 2 bbl.per hour. Continue to flow. On 9/14/08 AM FTP =20-25# on a 34/64" choke at a rate of 1-1/2 to 2 bbl.per hour of mist wter with CO2 and methane and a SICP=510# with a total recovery of 122 bbl.since AM of 9/12/08. On 9/15/08 AM FTP=20-25# on a 34/64" choke at a rate of 1-2 bbl.per hour of mist with CO2 and methane with a SICP=510# and a total recovery of 161 bbl.since AM of 9/12/08. Continue to flow test while waiting on orders.

Operations Summary Report

Well Name: FR 9P-17-14-20
Location: 17- 14-S 20-E 26
Rig Name: UNIT

Spud Date: 4/28/2008
Rig Release: 7/8/2008
Rig Number: 232

Date	From - To	Hours	Code	Sub Code	Description of Operations
9/15/2008	06:00 - 16:00	10.00	SWAB	1	Casing size: 4-1/2" 13.5# P-110 Casing depth: 12,460 Load from yesterday: 355 over Minus daily recovery: 161 LLTR: 516 over Perfs: Zone#1 Kayenta: 12332 -12336 Navajo: 12290-12308'; 12284-12286' Entrada: (8/20/08); 11901-03'; 11916'-18'; 11944-47'; 11986'-88' 12023-24'; 12060'-62'; 12141-45'
9/16/2008	06:00 - 16:00	10.00	SWAB	1	"TIGHT HOLE": Completion of new well. Entrada gross perforated interval: 11901-12145' On AM of 9/15/08 FTP=20-25# on a 34/64" choke at a rate of 1-2 bbl.per hour of mist with CO2 and methane with a SICP=510#. Open the tbg.on a full 2" line. RU swab. RIH with swab and pulled from the "F" nipple at 11777' and recovered approx.150' of gas cut water. Make 2 dry runs. Open tbg.on a full 64/64" choke. Left open overnight to the pit. Rec.a total of 14 bbl.of water today with an est.50% CO2 and 50% methane. On 9/16/08 SICP-475# with a FTP=10-15# on a 64/64" choke and have recovered an additional 15 bbl.of water overnight for a 24 hour recovery of 29 bbl..On 9/16/08 will obtain gas and water sample. Casing size: 4-1/2" 13.5# P-110 Casing depth: 12,460 Load from yesterday: 516 over Minus daily recovery: 29 LLTR: 545 over Perfs: Zone#1 Kayenta: 12332 -12336 Navajo: 12290-12308'; 12284-12286' Entrada: (8/20/08); 11901-03'; 11916'-18'; 11944-47'; 11986'-88' 12023-24'; 12060'-62'; 12141-45'
9/17/2008	06:00 - 16:00	10.00	SWAB	1	"TIGHT HOLE": Completion of new well. Entrada gross perforated interval: 11901-12145' On 9/16/08 SICP=475# and FTP=15# on a 64/64" choke with gas vapors of CO2 and methane and recovered 15 bbl. of water overnight. Continue to flow well for 3 additional hours and recovered an additional 6 bbl.of water with a final SICP=470# and a final FTP=15# on a 64/64" choke. Took gas analysis with Applied Technology Services. Bled down csg.and tbg.to 0#. Pump 10 bbl.of 2% KCL water down the tbg..POOH with tbg..RIH with 3-3/4" mill and csg.scraper and tbg.to 3240'. SIFN. On 9/17/08 will continue to RIH with bit and scraper to clean off sides walls of csg...Left well open to pit overnight to clean up CO2. Gas analysis---post Entrada frac: N2=0.7955'; CO2=6,1909; Methane=88.41; BTU=1003.3; Grac=6563

Operations Summary Report

Well Name: FR 9P-17-14-20
Location: 17- 14-S 20-E 26
Rig Name: UNIT

Spud Date: 4/28/2008
Rig Release: 7/8/2008
Rig Number: 232

Date	From - To	Hours	Code	Sub Code	Description of Operations
9/17/2008	06:00 - 16:00	10.00	SWAB	1	Load from yesterday: 545 over Minus daily recovery: 21 Plus water today: 10 LLTR: 556 over Perfs: Zone#1 Kayenta: 12332 -12336 Navajo: 12290-12308'; 12284-12286' Entrada: (8/20/08); 11901-03'; 11916'-18'; 11944-47'; 11986'-88' 12023-24'; 12060'-62'; 12141-45'
9/18/2008	06:00 - 16:00	10.00	FISH	1	"TIGHT HOLE": Completion of new well. Entrada gross perforated interval: 11901-12145' On 9/17/08 FCP=10# and SITP=150#. Bled off well. Pump 10 bbl.of 2% KCL water to kill tbg..Continue to RIH with mill and scraper and tbg.and tag at 12172'---no additional fill. POOH with mill and scraper and tbg..SIFN. On 9/18/08 will RIH with tbg.set cement retainer to squeeze off above perfs. on 9/19/08. Gas analysis---post Entrada frac: N2=0.7955'; CO2=6,1909; Methane=88.41; BTU=1003.3; Grac=6563 Load from yesterday: 556 over Plus water today: 10 LLTR: 556 over Perfs: Zone#1 Kayenta: 12332 -12336 Navajo: 12290-12308'; 12284-12286' Entrada: (8/20/08); 11901-03'; 11916'-18'; 11944-47'; 11986'-88' 12023-24'; 12060'-62'; 12141-45'
9/22/2008	06:00 - 16:00	10.00	CMT	2	"TIGHT HOLE": Completion of new well. Entrada gross perforated interval: 11901-12145' On 9/18/08 SICP=1050#. Bled off well to 250#. Pumped 100 bbl.of 2% KCL water down the csg.to kill well. RIH with 4-1/2" cement retainer and tbg.and set retainer at 11510'. Release from retainer and fill hole with 75 bbl.of 2% KCL water. Circ.an additional 80 bbl.of 2% KCL water to clean up gas. Stung back into retainer at 11510'. Establish injection rate into Entrada perfs.11901-12145 down the tbg.at 3 BPM at 1500# with ISIP=0# with 10 bbl.of water. Pressure test csg.to 1000# and held OK. Waiting on cement trucks. Will squeeze the above zone on AM of 9/22/08. SI the well for the weekend. Gas analysis---post Entrada frac: N2=0.7955'; CO2=6.1909; Methane=88.41; BTU=1003.3; Grac=.6563 Gas analysis---post Entrada frac: N2=0.7955'; CO2=6,1909; Methane=88.41; BTU=1003.3; Grac=6563 Load from yesterday: 556 over LLTR: 556 over

Operations Summary Report

Well Name: FR 9P-17-14-20
Location: 17- 14-S 20-E 26
Rig Name: UNIT

Spud Date: 4/28/2008
Rig Release: 7/8/2008
Rig Number: 232

Date	From - To	Hours	Code	Sub Code	Description of Operations
9/22/2008	06:00 - 16:00	10.00	CMT	2	Perfs: Zone#1 Kayenta: 12332 -12336 Navajo: 12290-12308'; 12284-12286' Entrada: (8/20/08); 11901-03'; 11916'-18'; 11944-47'; 11986'-88' 12023-24'; 12060'-62'; 12141-45'
9/23/2008	06:00 - 16:00	10.00	CMT	2	"TIGHT HOLE": Completion of new well. Entrada gross perforated interval: 11901-12145' On 9/22/08 SITP=1700# and SICP=450# with retainer set at 11510' and stung into. MIRU Halliburton cement grow to squeeze Entrada interval 11001-11916'. Bled tbg down to 400# and establish rate and pressure with 45 bbl.of 2% KCL water and compressor went out on cement bulk truck. SIFN. On 9/23/08 AM will attempt to squeeze. Load from yesterday: 556 over LLTR: 556 over Perfs: Zone#1 Kayenta: 12332 -12336 Navajo: 12290-12308'; 12284-12286' Entrada: (8/20/08); 11901-03'; 11916'-18'; 11944-47'; 11986'-88' 12023-24'; 12060'-62'; 12141-45'
9/24/2008	06:00 - 16:00	10.00	CMT	1	"TIGHT HOLE": Completion of new well. Entrada gross perforated interval: 11901-12145' On 9/23/08 SITP=1000# and SICP=50#. Bled off tbg..MIRU Halliburton cement crew. Establish injection rate of 4 BPM at 120# down tbg.thru retainer into perfs. 11901-12145' with 45 bbl.of 2% KCL water. Attempt to squeeze Entrada perfs.11901-12145' thru retainer at 11510' and pumped 200 sxs.of cement and start displacement with 2-1/2 bbl.of water and tbg.locked up. Unsting from retainer and attempt to remove cement from tbg.with no success. POOH with tbg.and all but top 20 stands of tbg.full of set up cement. SIFN. On 9/24/08 will RIH with stands and start to lay down singles of tbg... Load from yesterday: 556 over LLTR: 556 over Perfs: Zone#1 Kayenta: 12332 -12336 Navajo: 12290-12308'; 12284-12286' Entrada: (8/20/08); 11901-03'; 11916'-18'; 11944-47'; 11986'-88' 12023-24'; 12060'-62'; 12141-45'
9/25/2008	06:00 - 16:00	10.00	CMT	1	"TIGHT HOLE": Completion of new well. Entrada gross perforated interval: 11901-12145' On 9/24/08 SICP-0, RIH with 2-3/8" and tbg.stands and layed down 107 jts.of singles that are plugged with cement. On 9/25/08 will continue to lay down plugged tbg..

Operations Summary Report

Well Name: FR 9P-17-14-20
Location: 17- 14-S 20-E 26
Rig Name: UNIT

Spud Date: 4/28/2008
Rig Release: 7/8/2008
Rig Number: 232

Date	From - To	Hours	Code	Sub Code	Description of Operations
9/25/2008	06:00 - 16:00	10.00	CMT	1	Load from yesterday: 556 over LLTR: 556 over Perfs: Zone#1 Kayenta: 12332 -12336 Navajo: 12290-12308'; 12284-12286' Entrada: (8/20/08); 11901-03'; 11916'-18'; 11944-47'; 11986'-88' 12023-24'; 12060'-62'; 12141-45'
9/26/2008	06:00 - 16:00	10.00	CMT	1	"TIGHT HOLE": Completion of new well. Entrada gross perforated interval: 11901-12145' On 9/25/08 SICP and SITP=0#. Continue to lay down tbg.plugged with cement. Lay down an additional 187 jts.of tbg..All tbg.is layed down. SIFN. On 9/26/08 will start to RIH with mill and another string of 2-3/8" tbg.. Load from yesterday: 556 over LLTR: 556 over Perfs: Zone#1 Kayenta: 12332 -12336 Navajo: 12290-12308'; 12284-12286' Entrada: (8/20/08); 11901-03'; 11916'-18'; 11944-47'; 11986'-88' 12023-24'; 12060'-62'; 12141-45'
9/29/2008	06:00 - 16:00	10.00	FISH	1	"TIGHT HOLE": Completion of new well. Entrada gross perforated interval: 11901-12145' On 9/26/08 SICP=0#. Tally and rabbit in the hole with 3-3/4" mill and new/used 2-3/8" EUE 8rd. 4.7# P-110 tbg.of 200 jts.to 6305'. SIFW, On 9/29/08 will continue to tally and rabbit in the hole with additional tbg.and the mill to drill out retainer and any cement. Load from yesterday: 556 over LLTR: 556 over Perfs: Zone#1 Kayenta: 12332 -12336 Navajo: 12290-12308'; 12284-12286' Entrada: (8/20/08); 11901-03'; 11916'-18'; 11944-47'; 11986'-88' 12023-24'; 12060'-62'; 12141-45'
9/30/2008	06:00 - 16:00	10.00	FISH	1	"TIGHT HOLE": Completion of new well. Entrada gross perforated interval: 11901-12145' On 9/29/08 SITP and SICP=0#. Continue to tally and rabbit in the hole with tbg.and 3-3/4" mill. Tag cement retainer at 11510'. Circ.hole clean with 2% KCL water. Pull mill to 11500' and SIFN. On 9/30/08 will start to drill out retainer and any cement across perfs. 11901-12145'. Load from yesterday: 556 over

Operations Summary Report

Well Name: FR 9P-17-14-20
Location: 17- 14-S 20-E 26
Rig Name: UNIT

Spud Date: 4/28/2008
Rig Release: 7/8/2008
Rig Number: 232

Date	From - To	Hours	Code	Sub Code	Description of Operations
9/30/2008	06:00 - 16:00	10.00	FISH	1	LLTR: 556 over Perfs: Zone#1 Kayenta: 12332 -12336 Navajo: 12290-12308'; 12284-12286' Entrada: (8/20/08); 11901-03'; 11916'-18'; 11944-47'; 11986'-88' 12023-24'; 12060'-62'; 12141-45'
10/1/2008	06:00 - 16:00	10.00	FISH	1	"TIGHT HOLE": Completion of new well. Entrada gross perforated interval: 11901-12145' On 9/30/08 drill out cement retainer at 11510'. Continue to drill out hard cement to 11750'. Circ.hole clean with 2% KCL water and pull mill in 11720'. Still in hard cement. On 10/1/08 will continue to clean out well. SIFN. Load from yesterday: 556 over LLTR: 556 over Perfs: Zone#1 Kayenta: 12332 -12336 Navajo: 12290-12308'; 12284-12286' Entrada: (8/20/08); 11901-03'; 11916'-18'; 11944-47'; 11986'-88' 12023-24'; 12060'-62'; 12141-45'
10/2/2008	06:00 - 16:00	10.00	FISH	1	"TIGHT HOLE": Completion of new well. Entrada gross perforated interval: 11901-12145' On 10/1/08 SITP and SICP=0#. At circulation and drill out hard to soft cement from 11750' to 12145' and clean out to 12180'. Circ.hole clean with 2% KCL water. Pressure test Entrada gross perforated interval 11591-12145' to 500# and held at 500# for 5 minutes. During drill out did not lose or gain any water and no gas. Pull mill to 5040 and SIFN. On 10/2/08 will finish POOH with mill and wireline set at composite BP and perforate. Load from yesterday: 556 over LLTR: 556 over Perfs: Zone#1 Kayenta: 12332 -12336 Navajo: 12290-12308'; 12284-12286' Entrada: (8/20/08); 11901-03'; 11916'-18'; 11944-47'; 11986'-88' 12023-24'; 12060'-62'; 12141-45'
10/3/2008	06:00 - 16:00	10.00	FISH	1	"TIGHT HOLE": Completion of new well. Entrada gross perforated interval: 11901-12145' (Squeezed) Buckhorn: Now testing: 11253-63' On 10/2/08 SITP and SICP=0#. Finish POOH with mill and tbg..MIRU Cased hole Solutions and wireline set a 4-1/2" composite BP at 11450'. Perforate per the CBL log dated 7/25/08 the Buckhorn interval 11253-63' (30 holes) using a 2-3/4" csg.gun at 3

Operations Summary Report

Well Name: FR 9P-17-14-20
Location: 17- 14-S 20-E 26
Rig Name: UNIT

Spud Date: 4/28/2008
Rig Release: 7/8/2008
Rig Number: 232

Date	From - To	Hours	Code	Sub Code	Description of Operations
10/3/2008	06:00 - 16:00	10.00	FISH	1	JPF and 120° phasing with IFL at 1450' and FFL at 1450'. RDMO Cased Hole Solutions. RIH with ret.packer and tbg.and set packer at 11123'. Break down perfs. at 3200# with 10 bbl.of 2% KCL water and SIFN. On 10/3/08 will swab the Buckhorn perfs.. LLTR: 57 Perfs: Zone#1 Kayenta: 12332 -12336 Navajo: 12290-12308'; 12284-12286' Entrada: (8/20/08); 11901-03'; 11916'-18'; 11944-47'; 11986'-88' 12023-24'; 12060'-62'; 12141-45' (Entrada is squeezed) Buckhorn: 10/2/08: 11253-63' (30 holes)
10/6/2008	06:00 - 16:00	10.00	SWAB	1	"TIGHT HOLE": Completion of new well. Entrada gross perforated interval: 11901-12145' (Squeezed) Buckhorn: Now testing: 11253-63' On 10/3/08 SITP and SICP=0# with packer set at 11123'. Attempt to re-break down perfs. at 3200# and pump 10 bbl.of 2% KCL water at 1 BPM at 3200#. No obvious break and tbg.went on a vacuum. RU swab. IFL at 1400'. Make a total of 12 swab runs and recovered 72 bbl.of water with FFL at the "F" nipple at 11085' and no fluid recovery on the last 2 hourly runs. Had a trace of gas. RD swab and SIFW. On 10/6/08 will obtain gas sample and swab. Load from yesterday: 57 Minus daily recovery: 72 Plus water today: 10 LLTR: 5 over. Perfs: Zone#1 Kayenta: 12332 -12336 Navajo: 12290-12308'; 12284-12286' Entrada: (8/20/08); 11901-03'; 11916'-18'; 11944-47'; 11986'-88' 12023-24'; 12060'-62'; 12141-45' (Entrada is squeezed) Buckhorn: 10/2/08: 11253-63' (30 holes)
10/7/2008	06:00 - 16:00	10.00	SWAB	1	"TIGHT HOLE": Completion of new well. Entrada gross perforated interval: 11901-12145' (Squeezed) Buckhorn: Now testing: 11253-63' On 10/6/08 SITP=10# and SICP=0# with packer set to isolate the Buckhorn inteval. Took a gas analysis from the tbg.with the following results after 8 tries: N2=99.08 and CO2=.002. RU swab. IFL at 8000'. Make 3 swab runs and recovered 14 bbl.of water with FFL at "F" nipple at 11085'. RD swab and SIFN. On 10/7/08 will take additional. Load from yesterday: 5 over

Operations Summary Report

Well Name: FR 9P-17-14-20
Location: 17- 14-S 20-E 26
Rig Name: UNIT

Spud Date: 4/28/2008
Rig Release: 7/8/2008
Rig Number: 232

Date	From - To	Hours	Code	Sub Code	Description of Operations
10/7/2008	06:00 - 16:00	10.00	SWAB	1	Minus daily recovery: 14 LLTR: 19 over Perfs: Zone#1 Kayenta: 12332 -12336 Navajo: 12290-12308'; 12284-12286' Entrada: (8/20/08); 11901-03'; 11916'-18'; 11944-47'; 11986'-88' 12023-24'; 12060'-62'; 12141-45' (Entrada is squeezed) Buckhorn: 10/2/08: 11253-63' (30 holes)
10/8/2008	06:00 - 16:00	10.00	DEQ	2	"TIGHT HOLE": Completion of new well. Entrada gross perforated interval: 11901-12145' (Squeezed) Buckhorn: Now testing: 11253-63' On 10/7/08 SITP=25# and SICP=0# with packer set. Took gas analysis from the Buckhorn zone via tbg.with the following result: N2=99.98%----took 4 different readings. Bled off tbg..Release ret.packer and POOH with packer and tbg.after getting an initial fluid level with swab at 10500' and collectiong a water sample. SIFN. On 10/8/08 will ND BOP and NU frac head assembly to prepare well for fracing on PM of 10/10/08. LLTR: 19 over Perfs: Zone#1 Kayenta: 12332 -12336 Navajo: 12290-12308'; 12284-12286' Entrada: (8/20/08); 11901-03'; 11916'-18'; 11944-47'; 11986'-88' 12023-24'; 12060'-62'; 12141-45' (Entrada is squeezed) Buckhorn: 10/2/08: 11253-63' (30 holes)
10/9/2008	06:00 - 16:00	10.00	STIM	2	"TIGHT HOLE"; Completion of new well. Entrada gross perforated interval: 11901-12145' (Squeezed) Buckhorn: Now testing: 11253-63' On 10/8/08 NU frac head assembly. Well is SI pending fracs on 10/10 or 10/11/08. LLTR: 19 over Perfs: Zone #1 Kayenta: 12332-12336' Navajo: 12290-12308'; 12284-12286' Entrada: (8/20/08): 11901-03'; 11916-18'; 11944-47'; 11986-88' 12023-24'; 12060-62'; 12141-45' (Entrada is squeezed) Buckhorn: 10/2/08:

Operations Summary Report

Well Name: FR 9P-17-14-20
Location: 17- 14-S 20-E 26
Rig Name: UNIT

Spud Date: 4/28/2008
Rig Release: 7/8/2008
Rig Number: 232

Date	From - To	Hours	Code	Sub Code	Description of Operations
10/9/2008	06:00 - 16:00	10.00	STIM	2	11253-63' (30 holes).
10/13/2008	06:00 - 16:00	10.00	STIM	3	"TIGHT HOLE"; Completion of new well. Entrada gross perforated interval: 11901-12145' (Squeezed) Buckhorn: Now testing: 11253-63' On 10/11/08 MIRU Halliburton frac crew and frac the Buckhorn interval 11253-63' down 4-1/2" csg.using a Purgell III HT 2% KCL gel x-linked water system with 70 quality CO2 as follows: Load hole and pmp 500 gal.of 15% HCL and pump a 5400 gal.pre-pad followed by a 5300 gal.pad and stage 1-4 ppg sand in 10400 gal.of fluid and flush with 4000 gal.of fluid. Much of job was pumped with a 62-65% quality CO2. Screened out with flush 12 bbl.short. Total of 608 bbl.of fluid and a total of 54000# of sand in formation. Used a total of 104 tons of CO2 downhole. Max.rate=45; Ave=43 BPM; Max.psi=8600#; Ave-4331#; No ISIP. RIH with Cased Hole Solutions and perforate the Cedar Mtn.interval 11094-11110' using a 2-3/4" csg.gun at 3 JPF and 120° phasing per the CBL log dated 7/25/08. Breakdown perfs.at 6165# and pump an additional 12 bbl.of water and pressure went to 8500#. SD and surge back and attempt to pump into perfs.after several attempts of pressuring and surging and could not pump into perfs..Open the csg.to the pit at 6:30 PM on 10/11/08 with 5000# SICP on a 20/64" choke. Flow the well for the next 12-1/2 hours on a 28/64" choke recovering sand and CO2 cut water with a final FCP=10# on a 28/64" choke with a final hourly rate of 5 bbl.per hour and a total recovery of 547 bbl..SI the well at 7:00AM on 10/11/08. RU Cased Hole Solutions and re-perforate the Cedar Mtn.interval 11094-11110' (48 additional holes --total of 96 holes) per the above gun and log. RU Halliburton and spot 500 gal.of 15% HCL across interval. Wireline set a 4-1/2" composite frac plug at 11150'. Start to frac the Cedar Mtn.interval with 2% KCL water pre-pad and mountain mover motor went out. SD frac. Pump 20 bbl.of 2% KCL water into interval 11094-11110' at 9.5 BPM at 5200#. SIFN. On 10/13/08 will continue frac. Perfs: Zone #1 Kayenta: 12332-12336' Navajo: 12290-12308'; 12284-12286' Entrada: (8/20/08): 11901-03'; 11916-18'; 11944-47'; 11986-88' 12023-24'; 12060-62'; 12141-45' (Entrada is squeezed) Buckhorn: 10/2/08: 11253-63' (30 holes). Cedar Mtn.: 10/11/08: 11094-11110' (96 holes) Minus daily recovery: 547 Plus water today: 608 LLTR: 61
10/14/2008	06:00 - 16:00	10.00	STIM	3	"TIGHT HOLE"; Completion of new well. Entrada gross perforated interval: 11901-12145' (Squeezed) Buckhorn: Now testing: 11253-63' On 10/13/08 SICP=250# from Cedar Mtn interval 11094=1110'. RU Halliburton and frac Cedar Mtn interval 11094=11110' down 4-1/2" csg using a 40# Pugel III 2% KCL x-linked gel water 70% quality CO2 system as follows: Pump a 43 bbl.pre-pad followed by a 285 bbl.pad and getting no break of formation while pumping at 20 PBM at 0000#. Pump 500 gal.of 28% HCL acid followed by additional 100 bbl.of pad and start to stage

Operations Summary Report

Well Name: FR 9P-17-14-20
Location: 17- 14-S 20-E 26
Rig Name: UNIT

Spud Date: 4/28/2008
Rig Release: 7/8/2008
Rig Number: 232

Date	From - To	Hours	Code	Sub Code	Description of Operations
10/14/2008	06:00 - 16:00	10.00	STIM	3	30/50 mesh Econoprop sand from 1-3 ppg in 270 bbl.of fluid with 60-65% quality CO2 foam and screened out with 3# sand in formation and a total of 38000# of sand in formation and flushed with slick 2% KCL 60% quality foam to within 1400 gal.of flush water and screened out at 8500# leaving estimated 3100# of sand in the casing Total of 32000# of sand in formation. Total load of 746 bbl..Max.psi=8500#; Ave.psi=6650#. Max.rate=36.5 BPM; Ave.rate=21.4 BPM; Total of 120 tons of CO2. All sand was 30/50 Econoprop. No break when acid was on perfs..Used a total of 1000 gal.of 28% HCL during the last 2 days on these perfs. with no break. Left the well SI for 1-1/2 hurs and open up the csg.on a 14/64" choke with SICP=6500#. Flowed the well on various chokes to clean up sand and flowed for 7-1/2 hurs and recovered 300 bbl.of fluid with no sand recovery the last 2 hours and SI the well at 11:00PM on 10/13/08. On 10/14/08 will perforate additional zone and frac the final stage. Perfs: Zone #1 Kayenta: 12332-12336' Navajo: 12290-12308'; 12284-12286' Entrada: (8/20/08): 11901-03'; 11916-18'; 11944-47'; 11986-88' 12023-24'; 12060-62'; 12141-45' (Entrada is squeezed) Buckhorn: 10/2/08: 11253-63' (30 holes). Cedar Mtn.: 10/11/08: 11094-11110' (96 holes) Load from yesterday: 81 Minus daily recovery: 300 Plus water today: 745 LLTR: 506
10/15/2008	06:00 - 16:00	10.00	STIM	3	"TIGHT HOLE"; Completion of new well. Entrada gross perforated interval: 11901-12145' (Squeezed) Buckhorn: Cedar I Mtn.; Dakota Silt; Kayenta; Navajo' On 10/14/08 SICP=900# after a 8 hour SI period. RU Cased Hole Solutions and perforate the following Dakota Silt interval 10898-10908' (30 holes) using a 2-3/4" csg.gun at 3 JPF and 120° phasing per the CBL log dated 7/25/08. Frac with Halliburton Dakota Silt interval 10898-10908' using a 40# Puregel III 2% KCL x-linked gel water system and 30/50 Econoprop as follows down 4-1/2" csg.: Obtain a break and pump 200 gal.of 15% CL followed by a 5000 gal.pad and stage 1-4 ppg 30/50 sand in 5200 gal.of fluid and flush with 4048 gal.of fluid. Entire system was a 70% quality CO2 with the flush being a 50% quality. Pumped a total of 360 bbl.of fluid and a total of 36M# of sand. Used a total of 68 tons of CO2. Max.rate=36.4; Ave=28.4 BPM; Max.psi=8049#; Ave=8782#; ISIP=4795# (.88). RDMO Halliburton and Cased Hole Solutions. After a 1-1/2 hour SI period SICP=4600#. Open the csg.on a 18/64" choke with very lite sand and an hourly rate of 25 bbl.per hour of CO2 and water with a total recovery in the last 18-1/2 hour of 515 bbl..Will continue to flow the csg.to clean up well. Perfs: Zone #1 Kayenta: 12332-12336' Navajo: 12290-12308'; 12284-12286'

Operations Summary Report

Well Name: FR 9P-17-14-20
Location: 17- 14-S 20-E 26
Rig Name: UNIT

Spud Date: 4/28/2008
Rig Release: 7/8/2008
Rig Number: 232

Date	From - To	Hours	Code	Sub Code	Description of Operations
10/15/2008	06:00 - 16:00	10.00	STIM	3	Entrada: (8/20/08): 11901-03'; 11916-18'; 11944-47'; 11986-88' 12023-24'; 12060-62'; 12141-45' (Entrada is squeezed) Buckhorn: 10/2/08: 11253-63' (30 holes). Cedar Mtn.: 10/11/08: 11094-11110' (96 holes) Additional Perfs: Dakota Silt: 10898-10908' Load from yesterday: 506 Minus daily recovery: 515 Plus water today: 380 LLTR: 351
10/16/2008	06:00 - 16:00	10.00	REAM	1	"TIGHT HOLE"; Completion of new well. Entrada gross perforated interval: 11901-12145' (Squeezed) Buckhorn: Cedar I Mtn.; Dakota Sillt; Kayenta; Navjo' At 6:00AM on 10/15/08 FCP=1100# on a 18/64" with a rate of 25 bbl.per hour of CO2 and water with a trace of sand and a total recovery of 515 bbl.recovered. Continue to flow the well to clean up. At 7:00AM on 10/16/08 FCP=200# on a 26/64" choke with 5 bbl.of recovery per hour of CO2 and water and no methane gas and no sand with a cumulative recovery of 768 bbl..LLR=132. Continue to flow to clean up well. Perfs: Zone #1 Kayenta: 12332-12336' Navajo: 12290-12308'; 12284-12286' Entrada: (8/20/08): 11901-03'; 11916-18'; 11944-47'; 11986-88' 12023-24'; 12060-62'; 12141-45' (Entrada is squeezed) Buckhorn: 10/2/08: 11253-63' (30 holes). Cedar Mtn.: 10/11/08: 11094-11110' (96 holes) Additional Perfs: Dakota Silt: 10898-10908' Minus daily recovery: 253 LLTR: 132
10/17/2008	06:00 - 16:00	10.00	REAM	1	"TIGHT HOLE"; Completion of new well. Entrada gross perforated interval: 11901-12145' (Squeezed) Buckhorn:Cedar I Mtn.; Dakota Silt; Kayenta; Navajo At 6:00AM on 10/15/08 FCP=1100# on a 18/64" with a rate of 25 bbl.per hour of CO2 and water with a trace of sand and a total recovery of 515 bbl.recovered. Continue to flow the well to clean up. At 7:00AM on 10/16/08 FCP=200# on a 26/64" choke with 5 bbl.of recovery per hour of

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Well Name: FR 9P-17-14-20
Location: 17- 14-S 20-E 26
Rig Name: UNIT

Spud Date: 4/28/2008
Rig Release: 7/8/2008
Rig Number: 232

Date	From - To	Hours	Code	Sub Code	Description of Operations
10/17/2008	06:00 - 16:00	10.00	REAM	1	CO2 and water and no methane gas and no sand with a cumulative recovery of 768 bbl..LLR=132. Continue to flow to clean up well. At 7:00AM on 10/17/08 FCP=200# on a 26/64" choke at a rate of 3 bbl.per hour with CO2 and water and a very slight show of methane vapors and no sand with a 24 hour recovery of 112 bbl.and a total recovery of 880 bbl.for a LLR=20 bbl..Will continue to flow to clean up. Perfs: Zone #1 Kayenta: 12332-12336' Navajo: 12290-12308'; 12284-12286' Entrada: (8/20/08): 11901-03'; 11916-18'; 11944-47'; 11986-88' 12023-24'; 12060-62'; 12141-45' (Entrada is squeezed) Buckhorn: 10/2/08: 11253-63' (30 holes). Cedar Mtn.: 10/11/08: 11094-11110' (96 holes) Additional Perfs: Dakota Silt: 10898-10908' Load from yesterday: 132 Minus daily recovery: 112 LLTR: 20
10/20/2008	06:00 - 16:00	10.00	PTST	2	"TIGHT HOLE"; Completion of new well. Entrada gross perforated interval: 11901-12145' (Squeezed) Buckhorn: Cedar I Mtn.; Dakota Silt; Kayenta; Navajo At 6:00AM on 10/15/08 FCP=1100# on a 18/64" with a rate of 25 bbl.per hour of CO2 and water with a trace of sand and a total recovery of 515 bbl.recovered. Continue to flow the well to clean up. At 7:00AM on 10/16/08 FCP=200# on a 26/64" choke with 5 bbl.of recovery per hour of CO2 and water and no methane gas and no sand with a cumulative recovery of 768 bbl..LLR=132. Continue to flow to clean up well. At 7:00AM on 10/17/08 FCP=200# on a 26/64" choke at a rate of 3 bbl.per hour with CO2 and water and a very slight show of methane vapors and no sand with a 24 hour recovery of 112 bbl.and a total recovery of 880 bbl.for a LLR=20 bbl..Will continue to flow to clean up. At 7:00AM on 10/17/08 FCP=200# on a 26/64" choke and flowing at a rate of 3 bbl.per hour of CO2 and water with a very slight show of methane with a total recovery of 880 bbl..Continue to flow the well. At 7:00AM on 10/18/08 FPC=100# on a 26/64" choke with 2 bbl.per hour of CO2 and water and a total of 925 bbl..Continue to flow. SI the well at 10:00AM on 10/18/08 as well had quit flowing on a full 1" choke. At 7:00AM on 10/19/08 after a 21 hour SI period SICP=900#. Bled off on a 1" choke in

Operations Summary Report

Well Name: FR 9P-17-14-20
Location: 17- 14-S 20-E 26
Rig Name: UNIT

Spud Date: 4/28/2008
Rig Release: 7/8/2008
Rig Number: 232

Date	From - To	Hours	Code	Sub Code	Description of Operations
10/20/2008	06:00 - 16:00	10.00	PTST	2	10 minutes. Put on a 32/64" choke and flowing intermittingly CO2 and water with a very slight show of methane. Continue to flow. At 7:00AM on 10/20/08 FCP=0# on a 32/64" choke with no flow the last 6 hours. SI the well and will run a gas analysis this AM and start in hole with mill and tbg.to clean out well. Total rec.of 943 bbl.. Perfs: Zone #1 Kayenta: 12332-12336' Navajo: 12290-12308'; 12284-12286' Entrada: (8/20/08): 11901-03'; 11916-18'; 11944-47'; 11986-88' 12023-24'; 12060-62'; 12141-45' (Entrada is squeezed) Buckhorn: 10/2/08: 11253-63' (30 holes). Cedar Mtn.: 10/11/08: 11094-11110' (96 holes) Additional Perfs: Dakota Silt: 10898-10908' Load from yesterday: 20 Minus daily recovery: 43 LLTR: 23 over
10/21/2008	06:00 - 16:00	10.00	PTST	2	"TIGHT HOLE"; Completion of new well. Entrada gross perforated interval: 11901-12145' (Squeezed) Buckhorn: Cedar I Mtn; Dakota SIlt; Kayenta; Navajo On 10/20/08 AM after a 2-1/2 hour SI period SICP=400#. Rig up gas tester and ran the following gas analysis: N2=0.62; CO=10.96; Methane=85.4%; BTU=936.38'; Grav=0.6888. Bled off well recovering 30 bbl.of water. Top kill well with 50 bbl.of 2% KCL water. ND frac head and NU BOP's. RIH with 3-3/4" mill and 2-3/8" P-110 tbg.to 9700. SIFN. On 10/21/08 will rig up foam unit and start to clean out well. On AM of 10/21/08 SICP=500# and SITP=0# with float in the string. Perfs: Zone #1 Kayenta: 12332-12336' Navajo: 12290-12308'; 12284-12286' Entrada: (8/20/08): 11901-03'; 11916-18'; 11944-47'; 11986-88' 12023-24'; 12060-62'; 12141-45' (Entrada is squeezed) Buckhorn: 10/2/08: 11253-63' (30 holes). Cedar Mtn.: 10/11/08: 11094-11110' (96 holes) Additional Perfs:

Operations Summary Report

Well Name: FR 9P-17-14-20
Location: 17- 14-S 20-E 26
Rig Name: UNIT

Spud Date: 4/28/2008
Rig Release: 7/8/2008
Rig Number: 232

Date	From - To	Hours	Code	Sub Code	Description of Operations
10/21/2008	06:00 - 16:00	10.00	PTST	2	Dakota Silt: 10898-10908' Load from yesterday: 23 Minus daily recovery: 30 Plus water today: 50 LLTR: 3 over
10/22/2008	06:00 - 16:00	10.00	STIM	3	"TIGHT HOLE"; Completion of new well. Entrada gross perforated interval: 11901-12145' (Squeezed) Buckhorn: Cedar I Mtn; Dakota Silt; Kayenta; Navajo On AM OF 10/21/08 SICP=500# and SITP=0# with float in tbg.string. Continue in the hole with mill and tbg.and tag #1 comp.frac plug at 11150'. RU foam unit and establish circ.and drill out plug. Continue in the hole and tag #2 frac plug at 11450' and drill out plug with foam. Circ.hole clean. No help from the well. Pull mill above the perfs. to 10860' and SIFN. On 10/22/08 will continue to clean out well. Perfs: Zone #1 Kayenta: 12332-12336' Navajo: 12290-12308'; 12284-12286' Entrada: (8/20/08): 11901-03'; 11916-18'; 11944-47'; 11986-88' 12023-24'; 12060-62'; 12141-45' (Entrada is squeezed) Buckhorn: 10/2/08: 11253-63' (30 holes). Cedar Mtn.: 10/11/08: 11094-11110' (96 holes) Additional Perfs: Dakota Silt: 10898-10908'
10/23/2008	06:00 - 16:00	10.00	FISH	1	"TIGHT HOLE"; Completion of new well. Entrada gross perforated interval: 11901-12145' (Squeezed) Buckhorn: Cedar I Mtn; Dakota Silt; Kayenta; Navajo On 10/22/08 SICP=1500# and SITP=1200#. Bled down csg.to 700# and pump 20 bbl.of 2% KCL water down the tbg..to kill air pressure. Continue in the hole with mill and tbg.and tag at 11941'. Clean out to CIBP #1 at 12220' and drill on plug for 2 hours but does not seem to be getting necessary weight to mill due to possible composite material wrapped around mill. Work mill up and down numerous times and circ.hole clean with foam unit and ull mill to 11910' and SIFN. On 10/23/08 will continue to clean out CIBP's. On AM of 10/23/08 SITP=900# and SICP=1800#. Perfs: Zone #1 Kayenta: 12332-12336' Navajo: 12290-12308'; 12284-12286' Entrada: (8/20/08): 11901-03'; 11916-18'; 11944-47'; 11986-88' 12023-24'; 12060-62'; 12141-45'

Operations Summary Report

Well Name: FR 9P-17-14-20
Location: 17- 14-S 20-E 26
Rig Name: UNIT

Spud Date: 4/28/2008
Rig Release: 7/8/2008
Rig Number: 232

Date	From - To	Hours	Code	Sub Code	Description of Operations
10/23/2008	06:00 - 16:00	10.00	FISH	1	(Entrada is squeezed) Buckhorn: 10/2/08: 11253-63' (30 holes). Cedar Mtn.: 10/11/08: 11094-11110' (96 holes) Additional Perfs: Dakota Silt: 10898-10908'
10/24/2008	06:00 - 16:00	10.00	SEQ	1	"TIGHT HOLE"; Completion of new well. Entrada gross perforated interval: 11901-12145' (Squeezed) Buckhorn: Cedar I Mtn; Dakota Silt; Kayenta; Navajo On 10/23/08 SITP=900# and SICP=1800#. Bled down csg.and unload hole with foam unit after pumping 10 bbl.of 2% KCL down the tbg.to kill. Start up power swivel unit and having trouble getting power to unit. Mechanic attempted to repair unit and unable to esablish full power. On 10/24/08 will bring in a different power swivel unit. Perfs: Zone #1 Kayenta: 12332-12336' Navajo: 12290-12308'; 12284-12286' Entrada: (8/20/08): 11901-03'; 11916-18'; 11944-47'; 11986-88' 12023-24'; 12060-62'; 12141-45' (Entrada is squeezed) Buckhorn: 10/2/08: 11253-63' (30 holes). Cedar Mtn.: 10/11/08: 11094-11110' (96 holes) Additional Perfs: Dakota Silt: 10898-10908'
10/27/2008	06:00 - 16:00	10.00	FISH	1	"TIGHT HOLE"; Completion of new well. Entrada gross perforated interval: 11901-12145' (Squeezed) Buckhorn: Cedar I Mtn; Dakota SIIIt; Kayenta; Navajo On 10/24/08 SITP=1500# and SICP=1900#. Bled down csg.and pump 20 bbl.of 2% KCL water down the tbg.to kill. RU a new power swivel. Continue to RIH with mill and tbg.and tag CIBP at 12220' and unload hole with foam unit. Drill out CIBP in 3-1/2 hours. Continue in the hole and tag CIBP at 12250' and drill out plug in 4 hours. Circ.hole clean with foam unit. Pull mill to 12150' and SIFN. On 12/25/08 will continue to clean out well On 10/25/08 SITP=1300# and SICP=1500#. Bled down csg.and pump 20 bbl.of 2% KCL water dwon the tbg.to kill. RIH with mill and tbg.and tag at 12264'. Unload hole with unit. Clean out remants of CIBP's from 12264-12394' in 5 hours pumping a polymer sweep to help to clean out. Pull mill above perfs.to 10850' and SIFW. On 10/27/08 will continue to try to clean out well and if not successful will POOH and

Operations Summary Report

Well Name: FR 9P-17-14-20
Location: 17- 14-S 20-E 26
Rig Name: UNIT

Spud Date: 4/28/2008
Rig Release: 7/8/2008
Rig Number: 232

Date	From - To	Hours	Code	Sub Code	Description of Operations
10/27/2008	06:00 - 16:00	10.00	FISH	1	lay down mill and P-110 tbg.and RIH with new mill and L-80 tbg.over the next few days. Perfs: Zone #1 Kayenta: 12332-12336' Navajo: 12290-12308'; 12284-12286' Entrada: (8/20/08): 11901-03'; 11916-18'; 11944-47'; 11986-88' 12023-24'; 12060-62'; 12141-45' (Entrada is squeezed) Buckhorn: 10/2/08: 11253-63' (30 holes). Cedar Mtn.: 10/11/08: 11094-11110' (96 holes) Additional Perfs: Dakota Silt: 10898-10908'
10/28/2008	06:00 - 16:00	10.00	SEQ	1	"TIGHT HOLE"; Completion of new well. Entrada gross perforated interval: 11901-12145' (Squeezed) Buckhorn: Cedar I Mtn; Dakota Silt; Kayenta; Navajo On 10/27/08 SITP-2300# and SICP=2500#. Bled down csg.to 500# and pump 20 bbl.of 2% KCL water down tbg.to kill. RIH from 10785' to tag at 12284'. RU power swivel and foam unit and unload hole and drill out from 12284' to 12324' (40') with bottom perf.at 12336'. Circ.hole clean and pull mill to 12290' and SIFN. On 10/28/08 will continue to clean well. Perfs: Zone #1 Kayenta: 12332-12336' Navajo: 12290-12308'; 12284-12286' Entrada: (8/20/08): 11901-03'; 11916-18'; 11944-47'; 11986-88' 12023-24'; 12060-62'; 12141-45' (Entrada is squeezed) Buckhorn: 10/2/08: 11253-63' (30 holes). Cedar Mtn.: 10/11/08: 11094-11110' (96 holes) Additional Perfs: Dakota Silt: 10898-10908'
10/29/2008	06:00 - 16:00	10.00	FISH	1	"TIGHT HOLE"; Completion of new well. Entrada gross perforated interval: 11901-12145' (Squeezed) Buckhorn: Cedar I Mtn.; Dakota Sllit: Kayenta; Navjo On 10/28/08 SITP=600# and SICP=2300#. Bled csg.down to 500# and pump 20 bbl.of 2% KCL water down the tbg.to kill tbg..RIH from 12290' to tag at 12324'. Est.circ.with

Operations Summary Report

Well Name: FR 9P-17-14-20
Location: 17- 14-S 20-E 26
Rig Name: UNIT

Spud Date: 4/28/2008
Rig Release: 7/8/2008
Rig Number: 232

Date	From - To	Hours	Code	Sub Code	Description of Operations
10/29/2008	06:00 - 16:00	10.00	FISH	1	foam unit and drill out plug material from 12324' to 12400'. Pumped 2 polymer gel sweeps during drill out. Recovered frac sand and plug parts. Circ.hole clean. Pull mill to 12315' and SIFN. On 10/29/08 will POOH with tbg.and mill while laying down the tbg..New PBTD=12400'. Perfs: Zone #1 Kayenta: 12332-12336' Navajo: 12290-12308'; 12284-12286' Entrada: (8/20/08): 11901-03'; 11916-18'; 11944-47'; 11986-88' 12023-24'; 12060-62'; 12141-45' (Entrada is squeezed) Buckhorn: 10/2/08: 11253-63' (30 holes). Cedar Mtn.: 10/11/08: 11094-11110' (96 holes) Additional Perfs: Dakota Silt: 10898-10908'
10/30/2008	06:00 - 16:00	10.00	TRP	5	"TIGHT HOLE"; Completion of new well. Entrada gross perforated interval: 11901-12145' (Squeezed) Buckhorn: Cedar I Mtn.; Dakota SIlt: Kayenta; Navjo On 10/29/08 SITP=650# and SICP=1500#. Bled off csg.and pump 20 bbl.of 2% KCL down the tbg.to kill tbg..POOH and LD 200 jts.of 2-3/8" tbg.and tbg.started to flow and pump additional 20 bbl.of water. POOH with a total of 303 jts of tbg.with the last 117 jts. having severe wear on collars. Had to pump a total of 60 bbl.of water today down the tbg.while pulling the tbg and recovered all 60 bbl..SIFN. On 10/30/08 will change out elevators due to collar wear and continue to POOH and LD P-110 tbg..Tbg.tail at 2872'. On 10/30/08 SITP=700# and SICP=900#. Perfs: Zone #1 Kayenta: 12332-12336' Navajo: 12290-12308'; 12284-12286' Entrada: (8/20/08): 11901-03'; 11916-18'; 11944-47'; 11986-88' 12023-24'; 12060-62'; 12141-45' (Entrada is squeezed) Buckhorn: 10/2/08: 11253-63' (30 holes). Cedar Mtn.: 10/11/08: 11094-11110' (96 holes) Additional Perfs: Dakota Silt: 10898-10908'
10/31/2008	06:00 - 16:00	10.00	TRP	2	"TIGHT HOLE" - Completion of new well Entrada gross perforated interval: 11901-12145' (Squeezed)

Operations Summary Report

Well Name: FR 9P-17-14-20
Location: 17- 14-S 20-E 26
Rig Name: UNIT

Spud Date: 4/28/2008
Rig Release: 7/8/2008
Rig Number: 232

Date	From - To	Hours	Code	Sub Code	Description of Operations
10/31/2008	06:00 - 16:00	10.00	TRP	2	Buckhorn; Cedar Mtn; Dakota Sillt; Kayenta; Navajo On 10/30/08 SITP = 700# & SICP = 900#. Bled down csg & pump 20 bbls of 2% KCL water down the tbg to kill. Pull 4 jts of tbg & well started to flow. Pump additional 100 bbls of 2% KCL. POOH w/ 21 jts of tbg & 6' of next jt and remainder of tbg & mill left in hole. All collars were worn thru. Leave 55 jts of tbg & 26' of a jt & mill in hole for approx. 1800' of fish. Tally & rabbit in the hole with 203 jts of 2-3/8", EUE, 8rd, L-80, 4.7# new tbg to 6400'. SIFN. 24 hour forecast: Will POOH w/ tbg & RIH w/ overshot & grapple & tbg to attempt to remove fish. Perfs: Zone #1 Kayenta: 12332-12336' Navajo: 12290-12308'; 12284-12286' Entrada: (8/20/08): 11901-03'; 11916-18'; 11944-47'; 11986-88' 12023-24'; 12060-62'; 12141-45' (Entrada is squeezed) Buckhorn: 10/2/08: 11253-63' (30 holes). Cedar Mtn.: 10/11/08: 11094-11110' (96 holes) Additional Perfs: Dakota Silt: 10898-10908'
11/3/2008	06:00 - 16:00	10.00	FISH	5	"TIGHT HOLE" - Completion of new well Entrada gross perforated interval: 11901-12145' (Squeezed) Buckhorn; Cedar Mtn; Dakota Sillt; Kayenta; Navajo On 10/31/08 SITP =950# and SICP=1000#. Bled off csg.and pump 20 bbl.of 2% KCL water down the tbg.to kill, POOH with 20 jts.of tbg.and pump an additional 50 bbl.of 2% KCL down the tbg.to kill. Finish POOH with tbg..RIH with 6' extension with 3-3/4" OS and 2-/14" grapple and 2-3/8" EUE 8rd L-80 4.7# tbg.to 10175'. SIFW. On 11/3/08 will continue to RIH with fishing tools and tbg.and tbg.and attempt to latch onto fish and POOH. Perfs: Zone #1 Kayenta: 12332-12336' Navajo: 12290-12308'; 12284-12286' Entrada: (8/20/08): 11901-03'; 11916-18'; 11944-47'; 11986-88' 12023-24'; 12060-62'; 12141-45' (Entrada is squeezed) Buckhorn: 10/2/08: 11253-63' (30 holes). Cedar Mtn.: 10/11/08: 11094-11110' (96 holes)

Operations Summary Report

Well Name: FR 9P-17-14-20
Location: 17- 14-S 20-E 26
Rig Name: UNIT

Spud Date: 4/28/2008
Rig Release: 7/8/2008
Rig Number: 232

Date	From - To	Hours	Code	Sub Code	Description of Operations
11/3/2008	06:00 - 16:00	10.00	FISH	5	Additional Perfs: Dakota Silt: 10898-10908'
11/4/2008	06:00 - 16:00	10.00	FISH	5	"TIGHT HOLE" - Completion of new well Entrada gross perforated interval: 11901-12145' (Squeezed) Buckhorn; Cedar Mtn; Dakota Sllt; Kayenta; Navajo On 11/3/08 SITP=2300# and SICP=1700#. Bled down well and top kill tbg.with 20 bbl.of 2% KCL water. Continue in the hole with fishing tools and tbg.and tag top fish at 10570'. Work over fish with OS and grapple and latch onto fish and pull over 2000# and start to POOH. Pulled 20 stands of tbg.and had to top kill tbg.with 20 bbl.of 2% KCL water. Continue to POOH and stopped at 1700' and pumped additional 50 bbl.of 2% KCL water to control well. Finish POOH with tbg.and fishing tools recovering 2' of tbg.which was extremely thin and sliced. SIFN. On 11/4/08 will resume fishing with same BHA. Load from yesterday: 120 Minus daily recovery: 150 Plus water today: 90 LLTR: 60 Perfs: Zone #1 Kayenta: 12332-12336' Navajo: 12290-12308'; 12284-12286' Entrada: (8/20/08): 11901-03'; 11916-18'; 11944-47'; 11986-88' 12023-24'; 12060-62'; 12141-45' (Entrada is squeezed) Buckhorn: 10/2/08: 11253-63' (30 holes). Cedar Mtn.: 10/11/08: 11094-11110' (96 holes) Additional Perfs: Dakota Silt: 10898-10908'
11/5/2008	06:00 - 16:00	10.00	FISH	5	"TIGHT HOLE" - Completion of new well Entrada gross perforated interval: 11901-12145' (Squeezed) Buckhorn; Cedar Mtn; Dakota Sllt; Kayenta; Navajo On 11/4/08 SICP=1000#. Bled off. Pump 50 bbl.of 2% KCL water down the csg.to top kill. RIH with 3-3/4" OS with 2-1/4" grapple and 6' extension and 2-3/8" L-80 tbg.and tag fish top of at 10566'. Work over fish with 5' of tools and work on fish pulling up to 2000# overweight but kept slipping off. POOH with fishing tools and tbg.and had no recovery in fishing tools. INdicated a friction bite only. Suspect 2 pieces of tbg.laying next to each other. Had to usea total of 145 bbl.of water today to keep well under control. Recovered an estimated 100 bbl.of water today. SIFN. On 11/15/08 AM will be waiting on orders.

Operations Summary Report

Well Name: FR 9P-17-14-20
Location: 17- 14-S 20-E 26
Rig Name: UNIT

Spud Date: 4/28/2008
Rig Release: 7/8/2008
Rig Number: 232

Date	From - To	Hours	Code	Sub Code	Description of Operations
11/5/2008	06:00 - 16:00	10.00	FISH	5	Load from yesterday: 60 Minus daily recovery: 100 Plus water today: 145 LLTR: 105 Perfs: Zone #1 Kayenta: 12332-12336' Navajo: 12290-12308'; 12284-12286' Entrada: (8/20/08): 11901-03'; 11916-18'; 11944-47'; 11986-88' 12023-24'; 12060-62'; 12141-45' (Entrada is squeezed) Buckhorn: 10/2/08: 11253-63' (30 holes). Cedar Mtn.: 10/11/08: 11094-11110' (96 holes) Additional Perfs: Dakota Silt: 10898-10908'
11/6/2008	06:00 - 16:00	10.00	FISH	5	"TIGHT HOLE" - Completion of new well Entrada gross perforated interval: 11901-12145' (Squeezed) Buckhorn; Cedar Mtn; Dakota Sllt; Kayenta; Navajo On 11/5/08 SICP=600#. Left well SI while waiting on fishing tools to be ran in the hole on 11/6/08 LLTR: 105 Perfs: Zone #1 Kayenta: 12332-12336' Navajo: 12290-12308'; 12284-12286' Entrada: (8/20/08): 11901-03'; 11916-18'; 11944-47'; 11986-88' 12023-24'; 12060-62'; 12141-45' (Entrada is squeezed) Buckhorn: 10/2/08: 11253-63' (30 holes). Cedar Mtn.: 10/11/08: 11094-11110' (96 holes) Additional Perfs: Dakota Silt: 10898-10908'
11/7/2008	06:00 - 16:00	10.00	FISH	5	"TIGHT HOLE" - Completion of new well Entrada gross perforated interval: 11901-12145' (Squeezed) Buckhorn; Cedar Mtn; Dakota Sllt; Kayenta; Navajo On 11/6/08 SICP=900#. Bled off csg.and top kill with 50 bbl.of 2% KCL water. RIH

Operations Summary Report

Well Name: FR 9P-17-14-20
Location: 17- 14-S 20-E 26
Rig Name: UNIT

Spud Date: 4/28/2008
Rig Release: 7/8/2008
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Date	From - To	Hours	Code	Sub Code	Description of Operations
11/7/2008	06:00 - 16:00	10.00	FISH	5	with fishing tools as follows: 3-3/4" OD shoe with wire catchers on inside; 16' of 3-3/4" OD wash pipe; bumper usb and jars and 2-3/8" L-80 tbg.to 10550' (18' above fish top). Had to pump an additional 20 bbl.of water running in hole to keep tbg.dead. RU foam unit and unload hole with pressure holding at 1380#. SIFN. Recovered all water pumped today. On 11/7/08 will start to try to wash over fish top. Perfs: Zone #1 Kayenta: 12332-12336' Navajo: 12290-12308'; 12284-12286' Entrada: (8/20/08): 11901-03'; 11916-18'; 11944-47'; 11986-88' 12023-24'; 12060-62'; 12141-45' (Entrada is squeezed) Buckhorn: 10/2/08: 11253-63' (30 holes). Cedar Mtn.: 10/11/08: 11094-11110' (96 holes) Additional Perfs: Dakota Silt: 10898-10908'
11/10/2008	06:00 - 16:00	10.00	FISH	5	"TIGHT HOLE" - Completion of new well Entrada gross perforated interval: 11901-12145' (Squeezed) Buckhorn; Cedar Mtn; Dakota Sillt; Kayenta; Navajo On 11/7/08 SICP=600#. Est.circ.with foam unit. RIH and tag top of fish at 11588'. Wash over 16' of fish with good returns of foam and water. Circ.hole clean at 11584'. Pull tbg.and fishing tools to 7000' and broke radiator hose on rig. Will have hose built on 11/8/08 and will resume POOH on 11/10/08. SIFW. Recovered all water pumped today. Perfs: Zone #1 Kayenta: 12332-12336' Navajo: 12290-12308'; 12284-12286' Entrada: (8/20/08): 11901-03'; 11916-18'; 11944-47'; 11986-88' 12023-24'; 12060-62'; 12141-45' (Entrada is squeezed) Buckhorn: 10/2/08: 11253-63' (30 holes). Cedar Mtn.: 10/11/08: 11094-11110' (96 holes) Additional Perfs: Dakota Silt: 10898-10908'
11/11/2008	06:00 - 16:00	10.00	FISH	5	"TIGHT HOLE" - Completion of new well Entrada gross perforated interval: 11901-12145' (Squeezed) Buckhorn; Cedar Mtn; Dakota Sillt; Kayenta; Navajo

Operations Summary Report

Well Name: FR 9P-17-14-20
Location: 17- 14-S 20-E 26
Rig Name: UNIT

Spud Date: 4/28/2008
Rig Release: 7/8/2008
Rig Number: 232

Date	From - To	Hours	Code	Sub Code	Description of Operations
11/11/2008	06:00 - 16:00	10.00	FISH	5	Correction to 11/7/08 date: Fish top was tagged at 10568' and wash over to 10584'. On 11/10/08 SITP and SICP=2500#. Bled down well to 300# and top kill tbg. with 20 bbl.of 2% KCL water. POOH with tbg.and wash pipe to 2540' and well unloaded and pump 75 bbl.of 2% KCL water to top kill. Finish POOH with fishing tools and had a recovery of 2' of jammed together pieces off very thin tbg..Lay down fisning tools. RIH with new 3-3/4" fang mill and tbg.to 7300' and SIFN. On 11/11/08 will start to mill on fish. Perfs: Zone #1 Kayenta: 12332-12336' Navajo: 12290-12308'; 12284-12286' Entrada: (8/20/08): 11901-03'; 11916-18'; 11944-47'; 11986-88' 12023-24'; 12060-62'; 12141-45' (Entrada is squeezed) Buckhorn: 10/2/08: 11253-63' (30 holes). Cedar Mtn.: 10/11/08: 11094-11110' (96 holes) Additional Perfs: Dakota Silt: 10898-10908'
11/12/2008	06:00 - 16:00	10.00	FISH	1	"TIGHT HOLE" - Completion of new well Entrada gross perforated interval: 11901-12145' (Squeezed) Buckhorn; Cedar Mtn; Dakota Sllit; Kayenta; Navajo Correction to 11/7/08 date: Fish top was tagged at 10568' and wash over to 10584'. On 11/11/08 SITP and SICP=1100#. Bled well down to 100# and top kill tbg.with 15 bbl.of 2% KCL water. Finish RIH with mill and tbg.from 7300' to top of fish at 10580'. RU foam unit. Start to mill on fish with 60-75 RPM and 1-2M# on mill and mill out to 10585' in 2-1/2" hours. Having some drag with swivel in on way out and in for the last 2' of drilling. No drag with swivel not engaged. Drill out with foam. Circ.hole clean and pull mill to 10513' and SIFN. On 11/12/08 will POOH with mill and tbg.to check collars and wait on orders. Have a total of 6-1/2 hours of rotating on tbg between today and wash pipe shoe. Recovered all water pumped today. Perfs: Zone #1 Kayenta: 12332-12336' Navajo: 12290-12308'; 12284-12286' Entrada: (8/20/08): 11901-03'; 11916-18'; 11944-47'; 11986-88' 12023-24'; 12060-62'; 12141-45' (Entrada is squeezed) Buckhorn: 10/2/08: 11253-63' (30 holes). Cedar Mtn.: 10/11/08: 11094-11110' (96 holes)

Operations Summary Report

Well Name: FR 9P-17-14-20
Location: 17- 14-S 20-E 26
Rig Name: UNIT

Spud Date: 4/28/2008
Rig Release: 7/8/2008
Rig Number: 232

Date	From - To	Hours	Code	Sub Code	Description of Operations
11/12/2008	06:00 - 16:00	10.00	FISH	1	Additional Perfs: Dakota Silt: 10898-10908'
11/13/2008	06:00 - 16:00	10.00	FISH	1	"TIGHT HOLE" - Completion of new well Entrada gross perforated interval: 11901-12145' (Squeezed) Buckhorn; Cedar Mtn; Dakota Sillt; Kayenta; Navajo Correction to 11/7/08 date: Fish top was tagged at 10568' and wash over to 10584'. On 11/12/08 SITP=1800# and SICP=2000#. Bled off well to 200# and pump 20 bbl.of 2% KCL water down the tbg.to top kill. POOH with tbg.and mill to 2000' and top kill with an additional 50 bbl.of 2% KCL water. Finish POOH with tbg.and mill and bottom 1703' of tbg.showed shiny collars (54 jts.) but no wall thickness decay. Bottom of mill had gouge marks but no different wear pattern between inside and outside of mill. SIFN. On 11/13/08 will RIH with production. Perfs: Zone #1 Kayenta: 12332-12336' Navajo: 12290-12308'; 12284-12286' Entrada: (8/20/08): 11901-03'; 11916-18'; 11944-47'; 11986-88' 12023-24'; 12060-62'; 12141-45' (Entrada is squeezed) Buckhorn: 10/2/08: 11253-63' (30 holes). Cedar Mtn.: 10/11/08: 11094-11110' (96 holes) Additional Perfs: Dakota Silt: 10898-10908'
11/14/2008	06:00 - 16:00	10.00	DEQ	3	"TIGHT HOLE" - Completion of new well Entrada gross perforated interval: 11901-12145' (Squeezed) Buckhorn; Cedar Mtn; Dakota Sillt; Kayenta; Navajo Correction to 11/7/08 date: Fish top was tagged at 10568' and wash over to 10584'. On 11/13/08 SICP = 1500#. Bled down to 100# & pump 50 bbls of 2% KCL water down the csg to top kill. RIH w/ production string as follows: Collar; 1 jt of tbg; "F" nipple & remainder of tbg to land tbg tail @ 7998' w/ "F" nipple @ 7965'. RU sandline and make a dummy run w/ sinker bars & No-go to "F" nipple and OK. ND BOP's & NU WH. SIFN. Rec all water pumped today. Full tbg detail to follow: All tbg is 2-3/8" EUE 8rd 4.7# L-80. 24 Hour Forecast: On AM of 11/14/08 SITP & SICP = 1200#. Will attempt to flow well and turn over to production. RD Basin WS #3. Csg Size: 4-1/2" 13.5# P-110 Csg Depth: 12,460' Perfs: Zone #1 Kayenta: 12332-12336'

Operations Summary Report

Well Name: FR 9P-17-14-20
Location: 17- 14-S 20-E 26
Rig Name: UNIT

Spud Date: 4/28/2008
Rig Release: 7/8/2008
Rig Number: 232

Date	From - To	Hours	Code	Sub Code	Description of Operations
11/14/2008	06:00 - 16:00	10.00	DEQ	3	Navajo: 12290-12308'; 12284-12286' Entrada: (8/20/08): 11901-03'; 11916-18'; 11944-47'; 11986-88' 12023-24'; 12060-62'; 12141-45' (Entrada is squeezed) Buckhorn: 10/2/08: 11253-63' (30 holes). Cedar Mtn.: 10/11/08: 11094-11110' (96 holes) Additional Perfs: Dakota Silt: 10898-10908'
11/17/2008	06:00 - 16:00	10.00	OTH		"TIGHT HOLE" - Completion of new well Entrada gross perforated interval: 11901-12145' (Squeezed) Buckhorn; Cedar Mtn; Dakota Sllt; Kayenta; Navajo Correction to 11/7/08 date: Fish top was tagged at 10568' and wash over to 10584'. On 11/14/08 SITP and SICP=1200#. RDMO Basin WS #3. Turn well over to production department until further activity. Report discontinued. Csg Size: 4-1/2" 13.5# P-110 Csg Depth: 12,460' Tbg.Detail: reg.tbg collar; 1 jt; 1.81" "F" nipple; 252 jts. of tbg.to surface; hanger; All tbg.is 2-3/8" EUE 8rd 4.7# L-80', Tbg.tall at 7998'; F nipple at 7965' KB depths. NOTE: Fish top at approx. 10580'. Perfs: Zone #1 Kayenta: 12332-12336' Navajo: 12290-12308'; 12284-12286' Entrada: (8/20/08): 11901-03'; 11916-18'; 11944-47'; 11986-88' 12023-24'; 12060-62'; 12141-45' (Entrada is squeezed) Buckhorn: 10/2/08: 11253-63' (30 holes). Cedar Mtn.: 10/11/08: 11094-11110' (96 holes) Additional Perfs: Dakota Silt: 10898-10908'
11/20/2008	06:00 - 16:00	10.00	OTH		"TIGHT HOLE" - Completion of new well Entrada gross perforated interval: 11901-12145' (Squeezed) Buckhorn; Cedar Mtn; Dakota Sllt; Kayenta; Navajo

Operations Summary Report

Well Name: FR 9P-17-14-20
Location: 17- 14-S 20-E 26
Rig Name: UNIT

Spud Date: 4/28/2008
Rig Release: 7/8/2008
Rig Number: 232

Date	From - To	Hours	Code	Sub Code	Description of Operations
11/20/2008	06:00 - 16:00	10.00	OTH		Correction to 11/7/08 date: Fish top was tagged at 10568' and wash over to 10584'. On PM of 11/19/08 MIRU Basin WS #1 rig. Left well SIFN. For 2 different days attempted to get down with csg. Inspection tools from the Wood Group and could get down with gauge runs but not with actual tool string. This job is to pull the tbg.and run inspection tools with no tbg..in the hole. Csg Size: 4-1/2" 13.5# P-110 Csg Depth: 12,460' Tbg.Detail: reg.tbg collar; 1 jt; 1.81" "F" nipple; 252 jts. of tbg.to surface; hanger; All tbg.is 2-3/8" EUE 8rd 4.7# L-80', Tbg.tall at 7998'; F nipple at 7965' KB depths. NOTE: Fish top at approx. 10580'. Perfs: Zone #1 Kayenta: 12332-12336' Navajo: 12290-12308'; 12284-12286' Entrada: (8/20/08): 11901-03'; 11916-18'; 11944-47'; 11986-88' 12023-24'; 12060-62'; 12141-45' (Entrada is squeezed) Buckhorn: 10/2/08: 11253-63' (30 holes). Cedar Mtn.: 10/11/08: 11094-11110' (96 holes) Additional Perfs: Dakota Silt: 10898-10908'
11/21/2008	06:00 - 16:00	10.00	WCL	2	"TIGHT HOLE" - Completion of new well Entrada gross perforated interval: 11901-12145' (Squeezed) Buckhorn; Cedar Mtn; Dakota Sillt; Kayenta; Navajo Correction to 11/7/08 date: Fish top was tagged at 10568' and wash over to 10584'. On 11/20/08 SITP=2450# and SICP=2550#. Bled down well and pump 30 bbl.of 2% KCL water down the tbg..NDWH and NU BOP's. POOH and tally tbg.and had a total of 252 jts.of tbg.; "F" nipple and 1 jt..Had to pump a total of 140 bbl.of water today to keep tbg.dead and recovered 80 bbl.of that. SIFW. On 11/24/08 plan on running a log with the Wood Group. Casing size: 4-1/2" 13.5# P-110 Casing depth: 12,460'. LLTR: 80 Perfs: Zone #1 Kayenta: 12332-12336'

Operations Summary Report

Well Name: FR 9P-17-14-20
Location: 17- 14-S 20-E 26
Rig Name: UNIT

Spud Date: 4/28/2008
Rig Release: 7/8/2008
Rig Number: 232

Date	From - To	Hours	Code	Sub Code	Description of Operations
11/21/2008	06:00 - 16:00	10.00	WCL	2	Navajo: 12290-12308'; 12284-12286' Entrada: (8/20/08): 11901-03'; 11916-18'; 11944-47'; 11986-88' 12023-24'; 12060-62'; 12141-45' (Entrada is squeezed) Buckhorn: 10/2/08: 11253-63' (30 holes). Cedar Mtn.: 10/11/08: 11094-11110' (96 holes) Additional Perfs: Dakota Silt: 10898-10908' Tbg.Detail: ret.tbg.collar; 1 jt; 1.81" "F" nipple; 252 jts.of tbg.to surface; hanger; All tbg.is 2-3/8" EUE 8rd 4.7# L-80'. Tbg.tail at 7998'; F nipple at 7965' KB depths. NOTE: Fish top at approx. 10580'.
11/25/2008	06:00 - 16:00	10.00	PTST	5	"TIGHT HOLE" - Completion of new well Entrada gross perforated interval: 11901-12145' (Squeezed) Buckhorn; Cedar Mtn; Dakota Sllt; Kayenta; Navajo Correction to 11/7/08 date: Fish top was tagged at 10568' and wash over to 10584'. On 11/21/08 SICP=700#. Obtained a gas analysis with the following results: N2=0.512' CO2=0.09'; Methane=98.09; BTU=1022.5; Grav=0.5669. Left well SI over the weekend pending a casing log. On 11/23/08 was notifed that truck si broke down and will not perform log until 11/25/08. Well will remain SI until og is ran. Casing size: 4-1/2" 13.5# P-110 Casing depth: 12,460'. LLTR: 80 Perfs: Zone #1 Kayenta: 12332-12336' Navajo: 12290-12308'; 12284-12286' Entrada: (8/20/08): 11901-03'; 11916-18'; 11944-47'; 11986-88' 12023-24'; 12060-62'; 12141-45' (Entrada is squeezed) Buckhorn: 10/2/08: 11253-63' (30 holes). Cedar Mtn.: 10/11/08: 11094-11110' (96 holes) Additional Perfs: Dakota Silt: 10898-10908' Tbg.Detail: ret.tbg.collar; 1 jt; 1.81" "F" nipple; 252 jts.of tbg.to surface; hanger; All tbg.is 2-3/8" EUE 8rd 4.7# L-80'. Tbg.tail at 7998'; F nipple at 7965' KB depths. NOTE: Fish top at approx. 10580'.

Operations Summary Report

Well Name: FR 9P-17-14-20
Location: 17- 14-S 20-E 26
Rig Name: UNIT

Spud Date: 4/28/2008
Rig Release: 7/8/2008
Rig Number: 232

Date	From - To	Hours	Code	Sub Code	Description of Operations
11/26/2008	06:00 - 16:00	10.00	FISH	4	"TIGHT HOLE" - Completion of new well Entrada gross perforated interval: 11901-12145' (Squeezed) Buckhorn; Cedar Mtn; Dakota Sllt; Kayenta; Navajo Correction to 11/7/08 date: Fish top was tagged at 10568' and wash over to 10584'. On 11/25/08 SICP=2650#. MIRU Wood Wireline company and ran a cased hole log after making gauge ring run with tag at 10551'. RD Wood Wireline at 8:00PM on 11/25/08. Left well SIFN. On AM of 11/26/08 SICP=2750#. Will produce well up the csg.over the holiday weekend and wait on orders after evaluating log. Casing size: 4-1/2" 13.5# P-110 Casing depth: 12,460'. LLTR: 80 Perfs: Zone #1 Kayenta: 12332-12336' Navajo: 12290-12308'; 12284-12286' Entrada: (8/20/08): 11901-03'; 11916-18'; 11944-47'; 11986-88' 12023-24'; 12060-62'; 12141-45' (Entrada is squeezed) Buckhorn: 10/2/08: 11253-63' (30 holes). Cedar Mtn.: 10/11/08: 11094-11110' (96 holes) Additional Perfs: Dakota Silt: 10898-10908' Tbg.Detail: ret.tbg.collar; 1 jt; 1.81" "F" nipple; 252 jts.of tbg.to surface; hanger; All tbg.is 2-3/8" EUE 8rd 4.7# L-80'. Tbg.tail at 7998'; F nipple at 7965' KB depths. NOTE: Fish top at approx. 10580'.
12/1/2008	06:00 - 16:00	10.00	FISH	4	"TIGHT HOLE" - Completion of new well Entrada gross perforated interval: 11901-12145' (Squeezed) Buckhorn; Cedar Mtn; Dakota Sllt; Kayenta; Navajo Correction to 11/7/08 date: Fish top was tagged at 10568' and wash over to 10584'. On AM of 11/26/08 SICP=2750#. Turn well over to production department at 9:00AM to produce up the csg.over the holiday weekend. On 12/1/08 will possibly run tbg. Casing size: 4-1/2" 13.5# P-110 Casing depth: 12,460'. LLTR: 80 Perfs: Zone #1 Kayenta: 12332-12336' Navajo: 12290-12308'; 12284-12286' Entrada: (8/20/08): 11901-03';

Operations Summary Report

Well Name: FR 9P-17-14-20
Location: 17- 14-S 20-E 26
Rig Name: UNIT

Spud Date: 4/28/2008
Rig Release: 7/8/2008
Rig Number: 232

Date	From - To	Hours	Code	Sub Code	Description of Operations
12/1/2008	06:00 - 16:00	10.00	FISH	4	11916-18'; 11944-47'; 11986-88' 12023-24'; 12060-62'; 12141-45' (Entrada is squeezed) Buckhorn: 10/2/08: 11253-63' (30 holes). Cedar Mtn.: 10/11/08: 11094-11110' (96 holes) Additional Perfs: Dakota Silt: 10898-10908' Tbg.Detail: ret.tbg.collar; 1 jt; 1.81" "F" nipple; 252 jts.of tbg.to surface; hanger; All tbg.is 2-3/8" EUE 8rd 4.7# L-80'. Tbg.tail at 7998'; F nipple at 7965' KB depths. NOTE: Fish top at approx. 10580'.
12/2/2008	06:00 - 16:00	10.00	BOP	1	"TIGHT HOLE" - Completion of new well Entrada gross perforated interval: 11901-12145' (Squeezed) Buckhorn; Cedar Mtn; Dakota Sillt; Kayenta; Navajo On 12/1/08 FCP = 300#. Bled down csg & pump 80 bbls of 2% KCL water down the csg to kill. RIH w/ production tbg & tag fish top @ 11570'. Lay down 5 jts of tbg & land tbg tail @ 10456'. ND BOP's & NU WH. SIFN. Had to pump an additional 20 bbls of water to keep well dead. Flowed back 20 bbls of water today. 24 Hour Forecast: Will RDMO Basin Well Service #3. Turn well over to production department. Casing size: 4-1/2", 13.5#, P-110 Casing depth: 12,460' LLTR: 160 bbls Perfs: Zone #1 Kayenta: 12332-12336' Navajo: 12290-12308';12284-12286' Entrada: (8/20/08) - 11901-03'; 11916-18'; 11944-47'; 11986-88'; 12023-24'; 12060-62'; 12141-45' (Entrada is squeezed) Buckhorn: 10/2/08 - 11253-63' (30 holes) Cedar Mtn: 10/11/08 - 11094-11110' (96 holes) Dakota Silt: 10898-10908' Tbg Detail: Tbg collar; 1 jt new 1.81" "F" Nipple; 330 jts of 2-3/8", 4.7#, EUE, 8rd, L-80 tbg; Hanger: KB. Tbg tail at 10,456.29'; "F" nipple at 10424' - All depths are KB depths. KB = 21'; Hanger = 0.89'; 330 jts of tbg = 10,402.54'; "F" Nipple = 0.91';1 jt of tbg = 31.55'; Collar = 0.40' NOTE: Fish top at approx. 10580'.
12/3/2008	06:00 - 16:00	10.00	OTH		"TIGHT HOLE" - Completion of new well Entrada gross perforated interval: 11901-12145' (Squeezed) Buckhorn; Cedar Mtn; Dakota Sillt; Kayenta; Navajo

Questar E & P

Operations Summary Report

Well Name: FR 9P-17-14-20
Location: 17- 14-S 20-E 26
Rig Name: UNIT

Spud Date: 4/28/2008
Rig Release: 7/8/2008
Rig Number: 232

Date	From - To	Hours	Code	Sub Code	Description of Operations
12/3/2008	06:00 - 16:00	10.00	OTH		On 12/2/08 SITP=600# and SICP=700#. Turn well over to productin department. RDMO Basin WS #1 rig. Report discontinued until further activity. Casing size: 4-1/2", 13.5#, P-110 Casing depth: 12,460' LLTR: 160 bbls Perfs: Zone #1 Kayenta: 12332-12336' Navajo: 12290-12308';12284-12286' Entrada: (8/20/08) - 11901-03'; 11916-18'; 11944-47'; 11986-88'; 12023-24'; 12060-62'; 12141-45' (Entrada is squeezed) Buckhorn: 10/2/08 - 11253-63' (30 holes) Cedar Mtn: 10/11/08 - 11094-11110' (96 holes) Dakota Silt: 10898-10908' Tbg Detail: Tbg collar; 1 jt new 1.81" "F" Nipple; 330 jts of 2-3/8", 4.7#, EUE, 8rd, L-80 tbg; Hanger: KB. Tbg tail at 10,456.29'; "F" nipple at 10424' - All depths are KB depths. KB = 21'; Hanger = 0.89'; 330 jts of tbg = 10,402.54'; "F" Nipple = 0.91';1 jt of tbg = 31.55'; Collar = 0.40' NOTE: Fish top at approx. 10580'.

CONFIDENTIAL

Printed: 1/12/2009 11:25:06 AM

Form 3160-5
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

CONFIDENTIAL

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-17-14-20

2. Name of Operator
QUESTAR EXPLORATION & PRODUCTION COMPANY

9. API Well No.
43-047-39463

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
UNDESIGNATED

4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)*
1973' FSL 807' FEL, NESE, SECTION 17, 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-17-14-20 is as follows.

1586' FSL 879' FEL, NESE, SECTION 17, T14S, R20E

COPY SENT TO OPERATOR

Date: 2.11.2009

Initials: KS

RECEIVED
FEB 10 2009
DIV OF OIL, GAS & MINING

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

Title REGULATORY AFFAIRS

Signature Jan Nelson

Date 02/10/2009

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title PERMIT MANAGER

Date 02-10-09

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.

(Instructions on page 2)

QUESTAR

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

February 9, 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 6P-20-14-20* and *FR 9P-17-14-20* 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

QUESTAR EXPLR. & PROD.

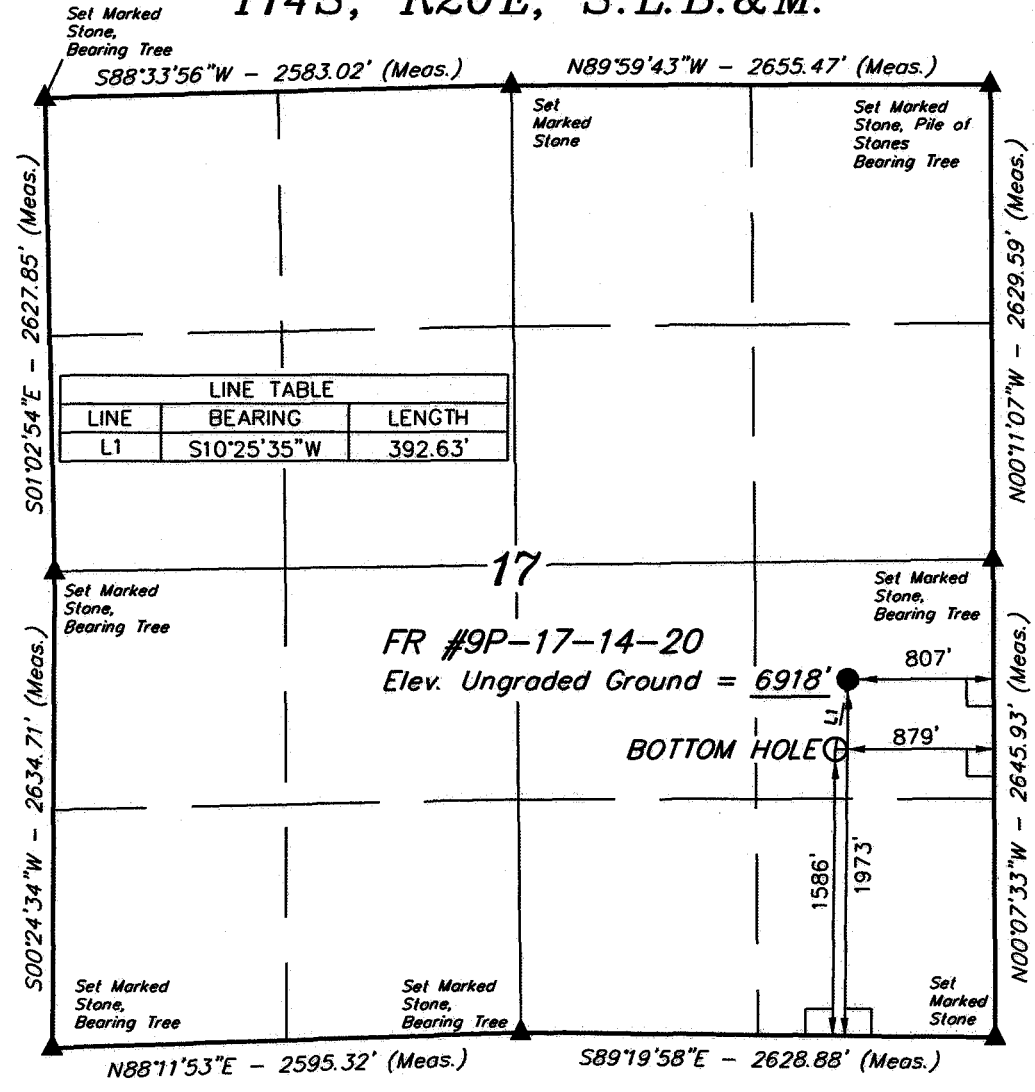
Well location, FR #9P-17-14-20, located as shown in the NE 1/4 SE 1/4 of Section 17, T14S, R20E, S.L.B.&M., Uintah County, Utah.

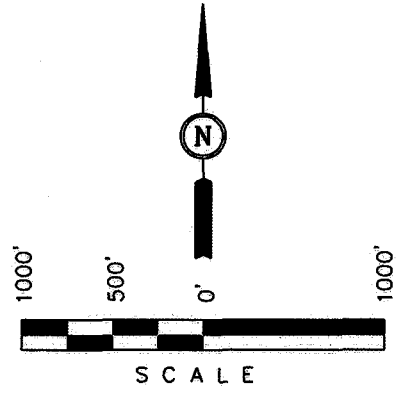
BASIS OF ELEVATION

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: 02-06-09

LEGEND:

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

(AUTONOMOUS)	(AUTONOMOUS)
NAD 83 (TARGET BOTTOM HOLE)	NAD 83 (SURFACE LOCATION)
LATITUDE = 39°35'47.31" (39.596475)	LATITUDE = 39°35'51.12" (39.597533)
LONGITUDE = 109°41'44.25" (109.695625)	LONGITUDE = 109°41'43.30" (109.695361)
(AUTONOMOUS)	(AUTONOMOUS)
NAD 27 (TARGET BOTTOM HOLE)	NAD 27 (SURFACE LOCATION)
LATITUDE = 39°35'47.44" (39.596511)	LATITUDE = 39°35'51.25" (39.597569)
LONGITUDE = 109°41'41.76" (109.694933)	LONGITUDE = 109°41'40.81" (109.694669)

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

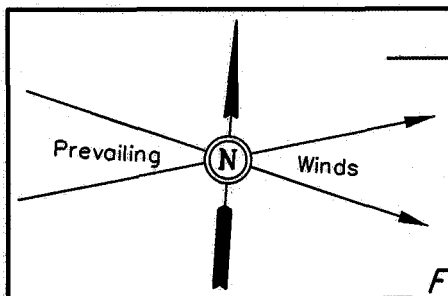
SCALE: 1" = 1000'	DATE SURVEYED: 05-30-07	DATE DRAWN: 05-31-07
PARTY: J.W. Q.B. L.K.	REFERENCES: G.L.O. PLAT	
WEATHER: WARM	FILE: QUESTAR EXPLR. & PROD.	

QUESTAR EXPLR. & PROD.

LOCATION LAYOUT FOR

FR #9P-17-14-20
SECTION 17, T14S, R20E, S.L.B.&M.
1973' FSL 807' FEL

FIGURE #1



SCALE: 1" = 60'
DATE: 05-31-07
DRAWN BY: L.K.

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

F-6.2'
El. 903.8'

F-15.1'
El. 894.9'

Topsoil Stockpile

Approx. Toe of Fill Slope

Sta. 4+00

C-0.9'
El. 910.9'

Round Corners as Needed

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

PIPE TUBS
CATWALK
PIPE RACKS
FLARE PIT
C-4.6'
El. 914.6'
C-7.7'
El. 917.7'
C-7.5'
El. 917.5'
El. 911.1'
C-16.1'
(Btm. Pit)
RIG
Sta. 2+00
TOILET
TRAILER
DOG HOUSE
C-8.1'
El. 918.1'
F-13.7'
El. 896.3'
LIGHT PLANT
BOILER
COMPRESSOR
BOOSTER
WATER TANK
PUMP HOUSE
MUD TANKS
RESERVE PITS (15' Deep)
SLOPE 1-1/2 :1
10' WIDE BENCH
Reserve Pit Backfill & Spoils Stockpile
Total Pit Capacity W/2' of Freeboard = 23,070 Bbls. ± Total Pit Volume = 5,930 Cu. Yds.
S10°25'35"W 392.63' (To Bottom Hole)
TRASH
PROPANE STORAGE
Sta. 0+50
C-8.7'
El. 918.7'
El. 921.7'
C-26.7'
(Btm. Pit)
Sta. 0+00
C-13.0'
El. 923.0'
F-13.7'
El. 896.3'
Approx. Top of Cut Slope
Proposed Access Road

NOTES:

Elev. Ungraded Ground At Loc. Stake = 6917.5'
FINISHED GRADE ELEV. AT LOC. STAKE = 6910.0'

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
Title: Vice President - Land

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

Flat Rock Gas LLC
BY: Frank Jolic + Cas Inc., its Corporate 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

QUESTAR EXPLR. & PROD.

Well location, FR #9P-17-14-20, located as shown in the NE 1/4 SE 1/4 of Section 17, 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.

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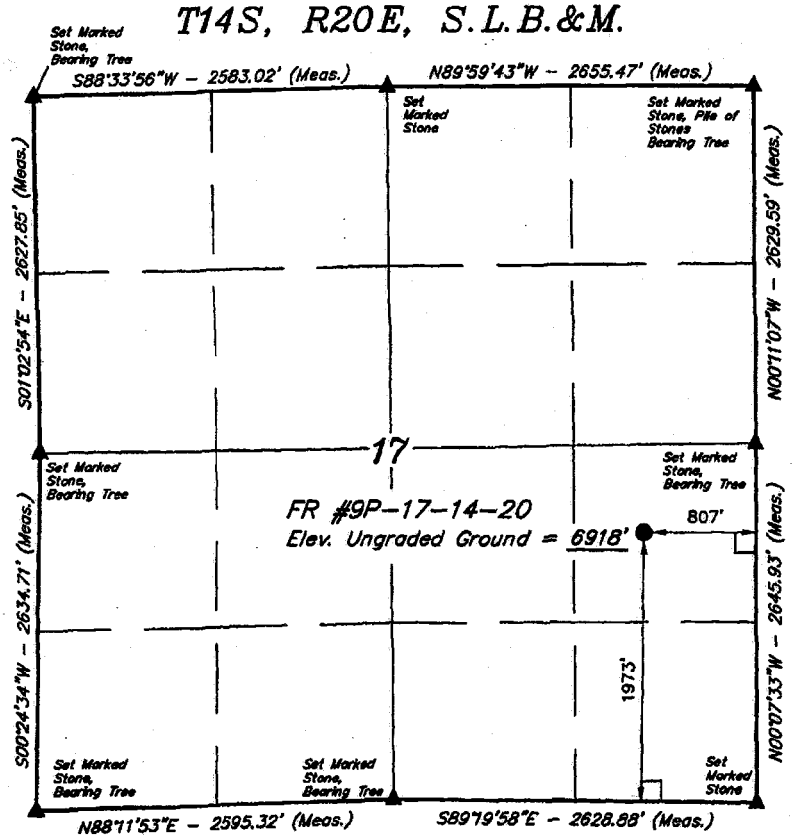

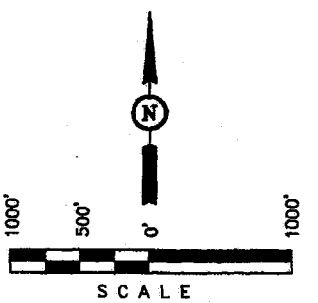

CERTIFICATE

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

LEGEND:

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

(AUTONOMOUS NAD 83)
LATITUDE = 39°35'51.12" (39.597533)
LONGITUDE = 109°41'43.30" (109.695361)
(AUTONOMOUS NAD 27)
LATITUDE = 39°35'51.25" (39.597569)
LONGITUDE = 109°41'40.81" (109.694669)

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

SCALE	DATE SURVEYED:	DATE DRAWN:
1" = 1000'	05-30-07	05-31-07
PARTY: J.W. Q.B. L.K.	REFERENCES: G.L.O. PLAT	
WEATHER: WARM	FILE: QUESTAR EXPLR. & PROD.	

Form 3160-4
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

COPY

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

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AMENDED

5. Lease Serial No.: UTU-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 17-14-20

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

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

9. AFI Well No.: 43-047-39463

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

At surface: 1973' FSL, 807' FEL, NESE, SEC 17-T14S-R20E

At top prod. interval reported below: 1973' FSL, 807' FEL, NESE, SEC 17-T14S-R20E

At total depth: 1585 FSL 0879 FEL 1973' FSL, 807' FEL, NESE, SEC 17-T14S-R20E

10. Field and Pool or Exploratory: UNDESIGNATED

11. Sec., T., R., M., on Block and Survey or Area: SEC 17-T14S-R20E

12. County or Parish: UINTAH

13. State: UT

14. Date Spudded: 04/28/2008

15. Date T.D. Reached: 07/01/2008

16. Date Completed: ☐ D & A ☑ Ready to Prod. 11/14/2008

17. Elevations (DF, RKB, RT, GL)*: 6931' KB

18. Total Depth: MD 12,562' TVD 12552

19. Plug Back T.D.: MD 12,459' TVD 12449

20. Depth Bridge Plug Set: MD TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
CBL, TRIPLE COMBO/GR, COMP NEUTRON/3 DETECTOR LITHO DENSITY

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
15-1/2"	10-3/4"	40.5#		550'		450 SXS		SURF - CIRC	
9-7/8"	7-5/8"	29.7/40.5		4,385'		1,175 SXS		SURF - UNK	
6-1/2"	4.1/2"	13.5/29.7		12,460'		1,060 SXS		235' - 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)
2-3/8"	10,456'	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
11/14/08	12/4/08	24	→	0	130	56			FLOWING

Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status
64/64	258	750	→					PRODUCING

RECEIVED
JAN 26 2009
DIV. OF OIL, GAS & MINING

28a. Production - Interval B

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

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

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

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28b. Production - Interval C

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

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

28c. Production - Interval D

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

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

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

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top Meas. Depth
CASTLEGATE	6688'				
BLACK HAWK	6918'				
DAKOTA SILT	10899'				
MORRISON	11280'				
CURTIS	11814'				
ENTRADA	11889'				

32. Additional remarks (include plugging procedure):

FUTURE OIL PROSPECTS: GREEN RIVER & CASTLEGATE

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, SQUEEZING & 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 01/20/2009

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)

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FR 9P 17-14-20 – Attachment One - Perforation, Fracing & Acid Detail

PERFORATION DETAIL:

Open Perfs	Stimulation					Perf Status
10898′ – 10908′	Frac w/	36,000	Lbs in	15,120	Gals	Open – Dakota Silt
11094′ – 11110′	Frac w/	38,000	Lbs in	31,332	Gals	Open – Cedar Mtn
	Along w/	120	tons	of C02		
11253′ – 11263′	Frac w/	54,000	Lbs in	25,536	Gals	Open - Buckhorn
	Along w/	104	tons	of C02		
Sqzd Entrada f/ 11901′ – 12145′	Sqzd w/	200 sxs	cmt			Closed Entrada
11901′ – 11903′						Closed - Entrada
11916′ – 11918′	Frac w/	141,000	Lbs in	27,972	Gals	Closed - Entrada
11944′ – 11947′	Along w/	79,200	gals	of C02		Closed - Entrada
11986′ – 11988′						Closed - Entrada
12023′ – 12024′						Closed - Entrada
12060′ – 12062′	Acidize	w/ 2,000	Gals	15% HCL		Closed - Entrada
12141′ – 12145′						Closed - Entrada
12284′ – 12308′	Frac w/	51,000#	Lbs in	16,380	Gals	Open - Navajo
12290′ – 12308′						Open - Navajo
12332′ – 12336′	Acidize	w/ 2,000	Gals	15% HCL		Open - Kayenta

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Questar E & P

Deviation Summary

Well Name: FR 9P-17-14-20
TMD: 12,515.5 (ft) TVD: 12,505.48 (ft)
Closure Distance: 394.3 (ft) Closure Direction: 190.49 (°)
Location: 17- 14-S 20-E 26
Spud Date: 4/28/2008
Calculation Method: Minimum Curvature

S/T #	V.S. AZI (°)
OH	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	YNN	0.00	0.00	0.00	0.00	0.00	0.00	
OH	4,393.0	1.20	253.90	YNN	4,392.68	-12.76	-44.20	-12.76	0.03	0.03	MWD
OH	4,490.0	0.90	237.00	YNN	4,489.66	-13.45	-45.81	-13.45	0.44	-0.31	MWD
OH	4,586.0	1.00	225.80	YNN	4,585.65	-14.45	-47.05	-14.45	0.22	0.10	MWD
OH	4,683.0	1.30	223.00	YNN	4,682.63	-15.84	-48.40	-15.84	0.31	0.31	MWD
OH	4,782.0	1.20	220.10	YNN	4,781.61	-17.46	-49.84	-17.46	0.12	-0.10	MWD
OH	4,876.0	1.70	194.80	YNN	4,875.58	-19.56	-50.83	-19.56	0.85	0.53	MWD
OH	4,970.0	1.70	203.30	YNN	4,969.54	-22.19	-51.73	-22.19	0.27	0.00	MWD
OH	5,070.0	1.70	203.30	YNN	5,069.49	-24.91	-52.91	-24.91	0.00	0.00	MWD
OH	5,167.0	0.00	12.00	NNY	0.00	0.00	0.00	0.00	0.00	0.00	MWD
OH	5,264.0	0.00	12.00	NNY	0.00	0.00	0.00	0.00	0.00	0.00	MWD
OH	5,361.0	0.00	12.00	NNY	0.00	0.00	0.00	0.00	0.00	0.00	MWD
OH	5,457.0	2.30	192.00	YNN	5,456.26	-37.78	-56.79	-37.78	0.18	0.16	MWD
OH	5,555.0	0.00	12.00	NNY	0.00	0.00	0.00	0.00	0.00	0.00	MWD
OH	5,652.0	2.50	203.30	YNN	5,651.09	-45.51	-59.29	-45.51	0.26	0.10	MWD
OH	5,748.0	0.00	12.00	NNY	0.00	0.00	0.00	0.00	0.00	0.00	
OH	5,844.0	3.30	186.40	YNN	5,842.84	-54.85	-61.56	-54.85	0.61	0.42	
OH	5,943.0	3.30	186.40	YNN	5,941.68	-60.51	-62.20	-60.51	0.00	0.00	
OH	6,040.0	2.70	178.00	YNN	6,038.54	-65.57	-62.43	-65.57	0.77	-0.62	
OH	6,137.0	2.50	175.10	YNN	6,135.44	-69.96	-62.17	-69.96	0.25	-0.21	
OH	6,234.0	2.60	180.80	YNN	6,232.35	-74.27	-62.02	-74.27	0.28	0.10	
OH	6,331.0	2.50	192.10	YNN	6,329.25	-78.54	-62.49	-78.54	0.53	-0.10	MWD
OH	6,426.0	2.50	192.00	YNN	6,424.16	-82.59	-63.36	-82.59	0.00	0.00	MWD
OH	6,524.0	2.50	192.00	YNN	6,522.07	-86.77	-64.25	-86.77	0.00	0.00	MWD
OH	6,622.0	2.50	192.00	YNN	6,619.98	-90.95	-65.13	-90.95	0.00	0.00	MWD
OH	6,657.0	2.50	192.00	YNN	6,654.94	-92.45	-65.45	-92.45	0.00	0.00	MWD
OH	6,718.0	2.40	178.00	YNN	6,715.89	-95.03	-65.68	-95.03	0.99	-0.16	MWD
OH	6,809.0	2.70	180.80	YNN	6,806.80	-99.07	-65.65	-99.07	0.36	0.33	MWD
OH	6,915.0	3.30	180.80	YNN	6,912.65	-104.62	-65.72	-104.62	0.57	0.57	MWD
OH	7,011.0	3.50	186.40	YNN	7,008.48	-110.30	-66.09	-110.30	0.40	0.21	MWD
OH	7,108.0	3.30	186.40	YNN	7,105.31	-116.01	-66.73	-116.01	0.21	-0.21	MWD
OH	7,206.0	3.30	189.20	YNN	7,203.15	-121.60	-67.50	-121.60	0.16	0.00	MWD
OH	7,300.0	3.70	192.00	YNN	7,296.97	-127.24	-68.56	-127.24	0.46	0.43	MWD

Questar E & P

Deviation Summary

Well Name: FR 9P-17-14-20
TMD: 12,515.5 (ft) TVD: 12,505.48 (ft)
Closure Distance: 394.3 (ft) Closure Direction: 190.49 (°)
Location: 17- 14-S 20-E 26
Spud Date: 4/28/2008
Calculation Method: Minimum Curvature

S/T #	V.S. AZI (°)
OH	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	7,398.0	3.50	194.80	YNN	7,394.78	-133.22	-69.98	-133.22	0.27	-0.20	MWD
OH	7,493.0	3.20	194.80	YNN	7,489.62	-138.59	-71.40	-138.59	0.32	-0.32	
OH	7,593.0	3.30	192.00	YNN	7,589.46	-144.10	-72.71	-144.10	0.19	0.10	
OH	7,690.0	3.20	189.20	YNN	7,686.30	-149.51	-73.72	-149.51	0.19	-0.10	
OH	7,786.0	3.20	192.00	YNN	7,782.15	-154.77	-74.71	-154.77	0.16	0.00	
OH	7,883.0	3.10	192.00	YNN	7,879.01	-159.99	-75.82	-159.99	0.10	-0.10	
OH	7,981.0	3.00	189.20	YNN	7,976.87	-165.11	-76.78	-165.11	0.18	-0.10	
OH	8,237.0	3.10	192.00	YNN	8,232.50	-178.49	-79.29	-178.49	0.07	0.04	
OH	8,332.0	3.10	189.20	YNN	8,327.37	-183.54	-80.23	-183.54	0.16	0.00	
OH	8,428.0	3.20	189.20	YNN	8,423.22	-188.75	-81.08	-188.75	0.10	0.10	
OH	8,525.0	3.20	192.00	YNN	8,520.07	-194.07	-82.07	-194.07	0.16	0.00	
OH	8,624.0	3.30	189.20	YNN	8,618.91	-199.58	-83.10	-199.58	0.19	0.10	
OH	8,722.0	3.50	189.20	YNN	8,716.74	-205.32	-84.03	-205.32	0.20	0.20	
OH	8,760.0	3.10	189.20	YNN	8,754.67	-207.48	-84.38	-207.48	1.05	-1.05	
OH	8,857.0	3.00	186.40	YNN	8,851.54	-212.59	-85.08	-212.59	0.18	-0.10	
OH	8,954.0	3.10	189.20	YNN	8,948.40	-217.70	-85.79	-217.70	0.18	0.10	
OH	9,053.0	3.00	189.20	YNN	9,047.26	-222.90	-86.63	-222.90	0.10	-0.10	
OH	9,149.0	2.80	186.40	YNN	9,143.14	-227.71	-87.29	-227.71	0.26	-0.21	
OH	9,403.0	3.10	186.40	YNN	9,396.80	-240.70	-88.75	-240.70	0.12	0.12	
OH	9,500.0	3.10	183.60	YNN	9,493.66	-245.93	-89.21	-245.93	0.16	0.00	
OH	9,599.0	3.20	183.60	YNN	9,592.51	-251.36	-89.55	-251.36	0.10	0.10	
OH	9,695.0	3.10	183.60	YNN	9,688.36	-256.62	-89.88	-256.62	0.10	-0.10	
OH	9,793.0	3.00	178.00	YNN	9,786.22	-261.83	-89.95	-261.83	0.32	-0.10	
OH	9,829.0	3.00	183.60	YNN	9,822.18	-263.71	-89.98	-263.71	0.81	0.00	
OH	9,926.0	2.70	180.80	YNN	9,919.06	-268.53	-90.17	-268.53	0.34	-0.31	
OH	10,024.0	2.70	180.80	YNN	10,016.95	-273.15	-90.24	-273.15	0.00	0.00	
OH	10,120.0	2.70	180.80	YNN	10,112.84	-277.67	-90.30	-277.67	0.00	0.00	
OH	10,889.0	3.50	169.50	YNN	10,880.72	-318.86	-86.28	-318.86	0.13	0.10	
OH	10,987.0	3.80	172.30	YNN	10,978.52	-325.02	-85.29	-325.02	0.36	0.31	
OH	11,027.0	3.50	180.80	YNN	11,018.44	-327.55	-85.13	-327.55	1.54	-0.75	
OH	11,180.0	3.50	180.50	YNN	11,171.15	-336.89	-85.24	-336.89	0.01	0.00	
OH	11,220.0	3.40	178.00	YNN	11,211.08	-339.30	-85.21	-339.30	0.45	-0.25	
OH	11,311.0	3.10	166.70	YNN	11,301.93	-344.39	-84.55	-344.39	0.78	-0.33	

Questar E & P

Deviation Summary

Well Name: FR 9P-17-14-20
TMD: 12,515.5 (ft) TVD: 12,505.48 (ft)
Closure Distance: 394.3 (ft) Closure Direction: 190.49 (°)
Location: 17- 14-S 20-E 26
Spud Date: 4/28/2008
Calculation Method: Minimum Curvature

S/T #	V.S. AZI (°)
OH	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	11,409.0	3.30	161.10	YNN	11,399.78	-349.64	-83.03	-349.64	0.38	0.20	
OH	11,504.0	3.00	149.80	YNN	11,494.64	-354.37	-80.89	-354.37	0.72	-0.32	
OH	11,604.0	3.00	147.00	YNN	11,594.50	-358.83	-78.15	-358.83	0.15	0.00	EXT
OH	11,699.0	2.50	161.10	YNN	11,689.39	-362.88	-76.12	-362.88	0.88	-0.53	EXT
OH	12,250.0	1.50	176.40	YNN	12,240.05	-381.44	-71.78	-381.44	0.20	-0.18	MMS
OH	12,515.5	1.20	185.00	YNN	12,505.48	-387.68	-71.80	-387.68	0.14	-0.11	GSS

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

CONFIDENTIAL

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

5. Lease Serial No.
UTU-10164

6. If Indian, Allottee or Tribe Name
UTE TRIBE

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

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-17-14-20

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

9. API Well No.
43-047-39463

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

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

10. Field and Pool or Exploratory Area
UNDESIGNATED

4. Location of Well *(Footage, Sec., T.,R.,M., or Survey Description)*
1973' FSL 807' FEL, NESE, SECTION 17, T14S, R20E

11. Country or Parish, State
UINTAH, UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION			
☑ 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 COMMINGLING
	☐ 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.)

In Compliance with the Administrative Utah code for drillling and operating practice R649-3-22, completion into two or more pools. Questar Exploration & Production Company hereby requests the commingling of production between intervals in the FR 9P-17-14-20. Questar considers this commingling to be in the public interest in that it promotes maximum ultimate economic recevery, prevents waste, provides for orderly and efficient production of oil and gas and presents no detrimental effects from commingling the gas streams.

Questar requests approval for the commingling of production of the Dakota & Kayenta intervals. Based upon offset production logs, the proposed initial allocation is as follows: Dakota - 20%; Kayenta - 80%.

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

COPY SENT TO OPERATOR
Date: 3·12·2009
Initials: KS

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

Title Associate Regulatory Affairs Analyst

Signature Laura Bills

Date 02/18/2009

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title Pet. Eng.

Date 3/11/09

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 DOGM

Federal Approval Of This Action Is Necessary

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

(Instructions on page 2)

RECEIVED
FEB 19 2009
DIV. OF OIL, GAS & MINING

AFFIDAVIT OF NOTICE

STATE OF COLORADO)
) ss:
COUNTY OF DENVER)

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

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

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

2. In my capacity as a Landman, pursuant to the provisions of Utah Administrative Rule 649-3-22, I have provided a copy of Questar Exploration and Production Company's application for completion of the FR 9P-17-14-20 well into two or more pools, in the form of Utah Division of Oil, Gas and Mining's Form 9 Sundry Notice, to owners of all contiguous oil and gas leases or drilling units overlying the pools which are the subject of that application.

3. In my capacity as a Landman, I am authorized to provide such notice of Questar Exploration and Production Company's application to contiguous owners and to make this affidavit on this 4th day of December 2008.

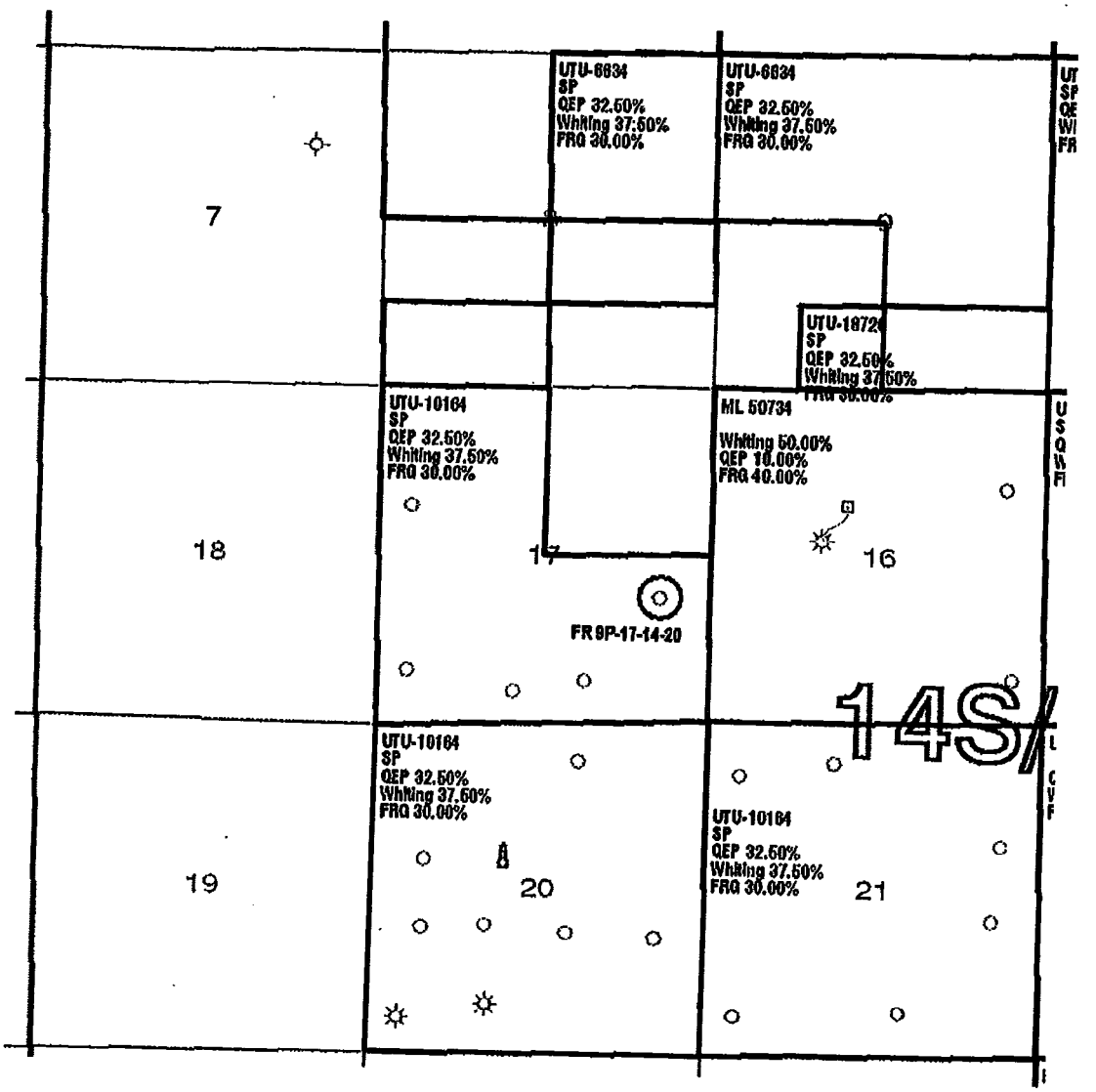
Printed Name: Chad W. Matney

The foregoing instrument was sworn to and subscribed before me this 4th day of December 2008, by Chad W. Matney.

Notary Public

THERESA CHATMAN
--NOTARY PUBLIC--
STATE OF COLORADO

MY COMMISSION EXPIRES: 7/7/11



T14S-R20E

○ Commingled well

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

Well: FR 9P-17-14-20
Lease: UTU 10164

QUESTAR
Exploration and Production
1050 17th St., # 500 Denver, CO 80265

Geologist:	
Landman: Chad Matney	
Date: November 25, 2008	

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

December 4, 2008

SEE ATTACHED MAILING LIST

Dear Owner:

Attached for your information is a copy of Questar's application to the State of Utah Division of Oil, Gas and Mining for commingling of the FR 9P-17-14-20 Well located in Uintah County, Utah.

Very truly yours,

Chad W. Matney
Landman

Enclosure(s)

MAILING LIST
FR 9P-17-14-20
NOTICE OF COMMINGLING

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

Whiting Oil & Gas Corp.
1700 Broadway Suite 2300
Denver, CO 80290

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	16829	16829	43-047-39463	FR 9P 17 14 20	NESE	17	14S	20E	Uintah	4/28/08	11/14/08

WELL 1 COMMENTS: **DKTA; CDMTN; NAVA; KAYT** OK

CONFIDENTIAL 3/12/09

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)

RECEIVED
MAR 1 1 2009
DIV. OF OIL, GAS & MINING

Dahn Caldwell
Signature

Office Administrator II 3/7/09
Title Date

Phone No. (435)781-4342

CONFIDENTIAL

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	

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Questar Exploration Production Company (N5085) to QEP Energy Company (N3700)
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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	

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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	

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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	

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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
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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
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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
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United States Department of the Interior

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

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