

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

FORM 3

APPLICATION FOR PERMIT TO DRILL

1A. TYPE OF WORK: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER <input type="checkbox"/> DEEPEN		5. MINERAL LEASE NO: ML-49279	6. SURFACE: TRIBAL
B. TYPE OF WELL <input type="checkbox"/> OIL <input checked="" type="checkbox"/> GAS OTHER _____ <input checked="" type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE		7. IF INDIAN, ALLOTTEE OR TRIBE NAME UTE TRIBE	
2. NAME OF OPERATOR: QEP UINTA BASIN, INC.		8. UNIT OF CA AGREEMENT NAME: N/A	
3. ADDRESS OF OPERATOR: 11002 E. 17500 S. CITY VERNAL STATE UT ZIP 84078		9. WELL NAME and NUMBER: FR 11P-36-14-19	
4. LOCATION OF WELL (FOOTAGES) AT SURFACE: 1746' FSL 287' FWL, NWSW, SECTION 36, T14S, R19E AT PROPOSED PRODUCING ZONE: 2400' FSL 2400' FWL, NESW, (LOT 3) SEC. 36, T14S, R19E		10. FIELD AND POOL, OR WILDCAT: Undesignated	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE: 54 +/- MILES OURAY, UTAH		11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NW SW 36 14S 19E	12. COUNTY: UINTAH
15. DISTANCE TO NEAREST PROPERTY OR LEASE LINE(FEET) 287' +/-		13. STATE: UTAH	
16. NUMBER OF ACRES IN LEASE: 594.49		17. NUMBER OF ACRES ASSIGNED TO THIS WELL: 40	
18. DISTANCE TO NEAREST WELL (DRILLING, COMPLETED, OR APPLIED FOR) ON THIS LEASE (FEET)		20. BOND DESCRIPTION: 04127294	
19. PROPOSED DEPTH 11,800' TVD 12,280.3' TMD		21. ELEVATIONS (SHOW WHETHER DF, RT, GR, ETC.): 7118.3' GR	
22. APPROXIMATE DATE WORK WILL START: ASAP		23. ESTIMATED DURATION: 50 DAYS	

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	CASING SIZE, GRADE, AND WEIGHT PER FOOT			SETTING DEPTH	CEMENT TYPE, QUANTITY, YIELD, AND SLURRY WEIGHT
17 1/2	13 3/8	H-40	48	500'	SEE ATTACHED DRILLING PROGRAM
12 1/4	9 5/8	J-55	40	4100'	SEE ATTACHED CEMENT CALCULATIONS
8 1/2	5 1/2	P-110	17	TD	

ATTACHMENTS

VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERATION GENERAL RULES:

- WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER
- COMPLETE DRILLING PLAN
- EVIDNECE OF DIVISION OF WATER RIGHTS APPROVAL FOR USE OF WATER
- FORM 5, IF OPERATOR IS PERSON OR COMPANY OTHER THAN THE LEASE OW

NAME (PLEASE PRINT) Jan Nelson TITLE Regulatory Affairs

SIGNATURE *Jan Nelson* DATE 6-Jul-06

(This space for State use only)

API NUMBER ASSIGNED: 43-047-38349 APPROVAL: **Approved by the Utah Division of Oil, Gas and Mining**

Surf 607662X
4378732Y
39.553401
-109.746907

BHL
608304X
4378944Y
39.55254
-109.739393

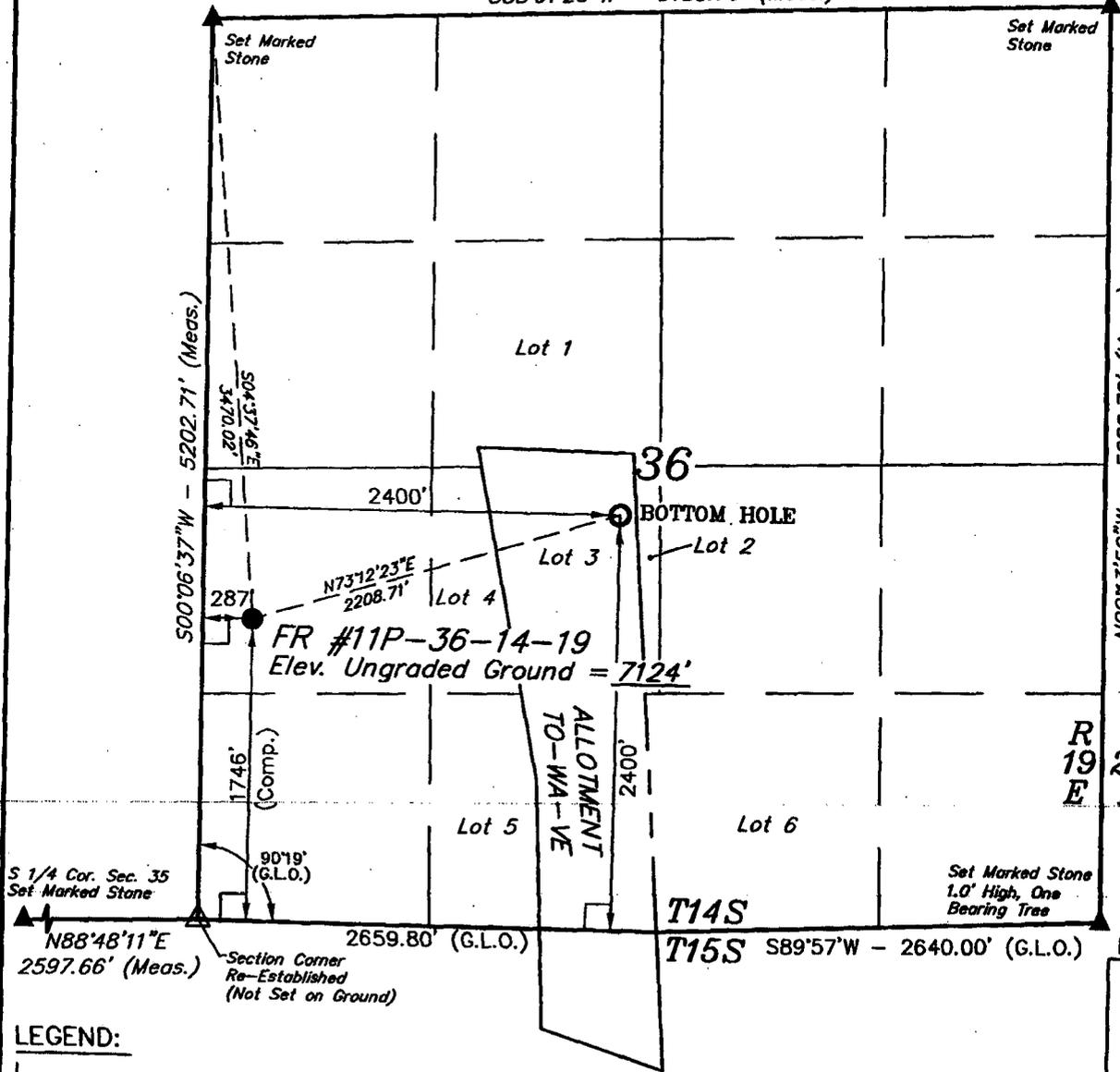
Date: 09-07-06
By: *[Signature]*
RECEIVED
JUL 07 2006

DIV. OF OIL, GAS & MINING

Federal Approval of this Action is Necessary

T14S, R19E, S.L.B.&M.

S88°01'23"W - 5185.76' (Meas.)



QUESTAR EXPLORATION & PROD.

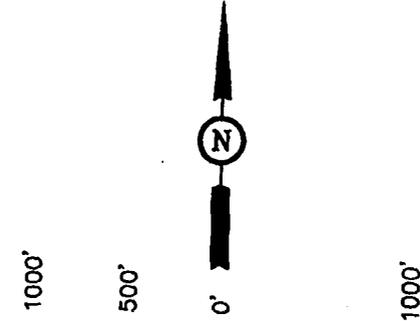
Well location, FR #11P-36-14-19, located as shown in the NW 1/4 SW 1/4 of Section 36, T14S, R19E, S.L.B.&M. Uintah County, Utah.

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 QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 7449 FEET.

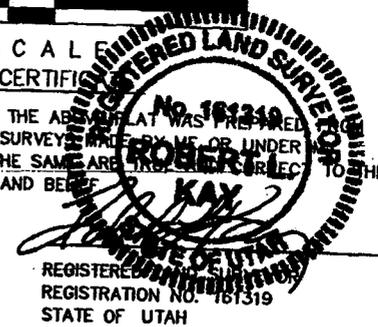
BASIS OF BEARINGS

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



SCALE
CERTIFIED

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



Revised: 04-25-06 D.R.B.

LEGEND:

- └─┘ = 90° SYMBOL
- = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.
- △ = SECTION CORNERS RE-ESTABLISHED USING SINGLE PROPORTION METHOD. (Not Set on Ground)

(NAD 83)
LATITUDE = 39°33'11.65" (39.553236)
LONGITUDE = 109°44'50.87" (109.747464)
(NAD 27)
LATITUDE = 39°33'11.78" (39.553272)
LONGITUDE = 109°44'48.38" (109.746772)

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

SCALE 1" = 1000'	DATE SURVEYED: 09-27-05	DATE DRAWN: 10-17-05
PARTY G.O. T.A. D.R.B.	REFERENCES G.L.O. PLAT	
WEATHER WARM	FILE QUESTAR EXPLR. & PROD.	

July 6, 2006

Ms. Diana Whitney
State of Utah
Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
Salt Lake City, Ut 84114-5801

Re: Directional Drilling R649-3-11
FR 11P-36-14-19

SURFACE: 1746' FSL 287' FWL NWSW SEC. 36 T14S R19E

BOTTOM HOLE: 2400' FSL 2400' FWL NESW (LOT 3) SEC 36 T14S R19E

Dear Ms. Whitney:

Pursuant to the filing of FR 11P-36-14-19 Application for Permit to Drill regarding the above referenced well on July 6, 2006, we are hereby submitting this letter in accordance with Oil & Gas Conservation Rule R649-3-11 pertaining to the location and drilling of a directional well.

FR 11P-36-14-19 is located in T14S, R19E, Section 36 in the NWSW.

QEP Uinta Basin, Inc. 11002 East 17500 South, Vernal, Utah 84078, is permitting this well as a directional well due to topographic reasons. Locating the well at the surface location and directionally drilling from this location. Questar will be able to utilize the existing roads and pipelines in the area.

Furthermore, surface is owned by the Ute Tribe and QEP has been granted a ROW for the surface location.

Questar owns the leasing rights to a substantial portion of the SW quarter of Section 36, including an interest in the Allotment Lands (please see attached plat & Exhibit "A"). Ute Energy, LLC owns the leasing right to most of the remaining leasehold interests in the Allotment lands. John Chasel also owns a working interest within the Allotment lands. Ute Energy, LLC & Mr. John Chasel have given their consent to the exception location in the form of the attached letters. There is one additional mineral owner that Questar has been unable to locate, and thus unable to lease or gather the needed consent. Mr. Willamae Shavanaux owns an approximate 1.221% mineral interest in the Allotment tract. Questar will ask the Board of Oil & Gas Mining for a Request for Agency Action in order to approve the APD in late August.

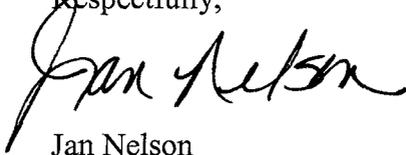
RECEIVED

JUL 07 2006

DIV. OF OIL, GAS & MINING

Based on the above stated information, QEP Uinta Basin, Inc. requests the permit be granted pursuant to R649-3-11.

Respectfully,

A handwritten signature in black ink that reads "Jan Nelson". The signature is written in a cursive style with a large initial "J" and "N".

Jan Nelson
Regulatory Affairs



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



March 20, 2006

Mr. John Chasel
2285 Lucky John Drive
Park City, Utah 84060

**RE: FR 11P-36-14-19 Well
T14S-R19E, SLM
Section 36: NESW
Uintah County, Utah**

Mr. Chasel:

Questar Exploration and Production Company is planning on drilling a direction well to a bottom hole location in T14S-R19E, Sec. 36: NE/SW. The surface location will be located in the NWSW for topographic reasons. As you have a working interest in these lands, Questar is requesting consent for the directional bottom hole exception location. Questar will soon be sending a Joint Operating Agreement and Authority for Expenditure for your execution covering this well. In the meantime, please indicate your approval by signing this letter below and returning a copy to Questar.

Should you have any questions regarding this matter please feel free to call me at 303-672-6944.

Yours truly,

Cory Miller
Associate Landman
(303) 294-9632 fax

AGREED TO THIS 22nd DAY OF MARCH, 2006.

Name: John Chasel

Title: OWNER

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

March 20, 2006

Mr. John Jurrius
Ute Energy, LLC
7074 East 900 South
Fort Duchesne, Utah 84026

**RE: FR 11P-36-14-19 Well
T14S-R19E, SLM
Section 36: NESW
Uintah County, Utah**

Mr. Jurrius:

Questar Exploration and Production Company is planning on drilling a direction well to a bottom hole location in T14S-R19E, Sec. 36: NE/SW. The surface location will be located in the NWSW for topographic reasons. As you have a working interest in these lands, Questar is requesting consent for the directional bottom hole exception location.

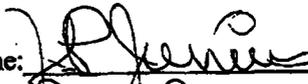
Should you have any questions regarding this matter please feel free to call me at 303-672-6944.

Yours truly,



Cory Miller
Associate Landman
(303) 294-9632 fax

AGREED TO THIS 19th DAY OF April, 2006.

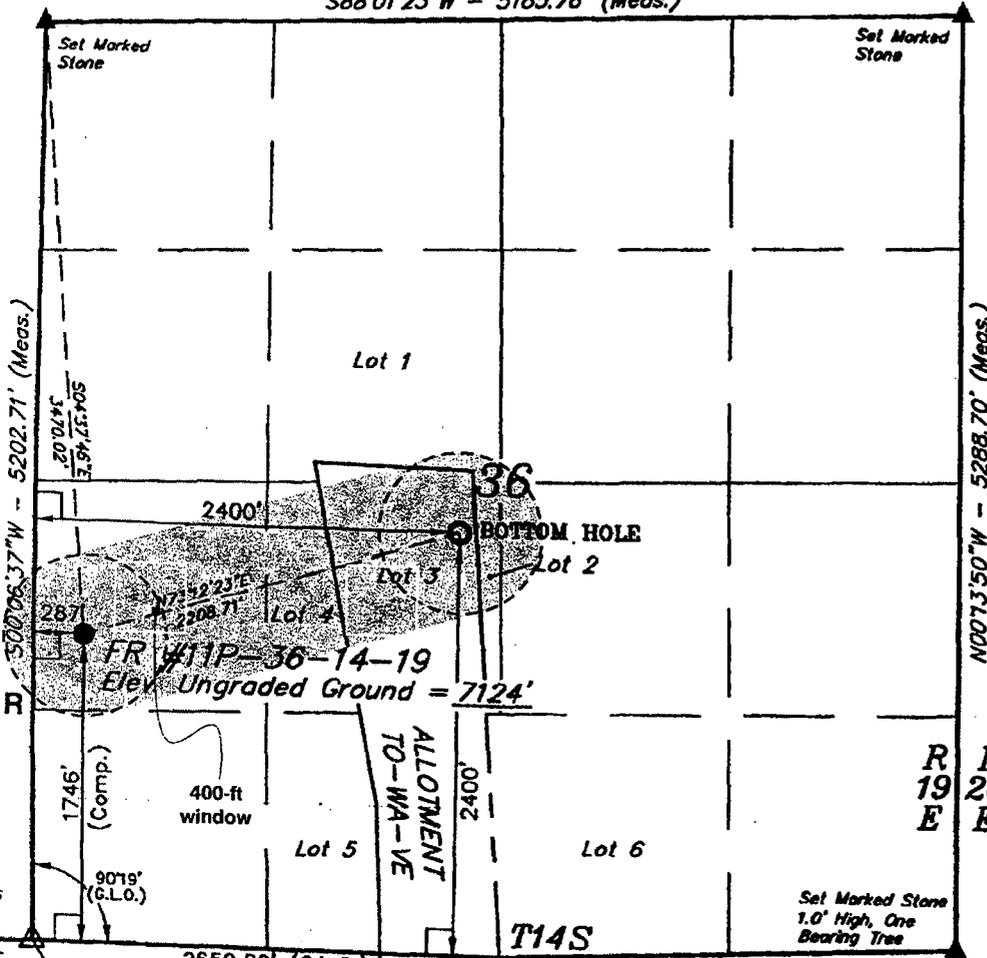
Name: 
Title: Resident

T14S, R19E, S.L.B.&M.

QUESTAR EXPLORATION & PROD.

Well location, FR #11P-36-14-19, located as shown in the NW 1/4 SW 1/4 of Section 36, T14S, R19E, S.L.B.&M. Uintah County, Utah.

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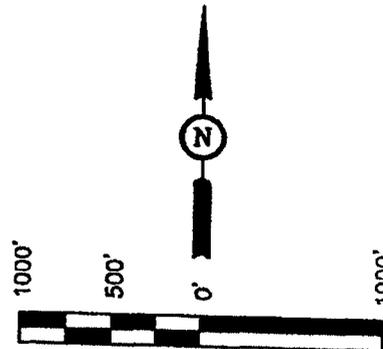


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BASIS OF BEARINGS

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



SCALE
CERTIFIED LAND SURVEYOR
REGISTERED LAND SURVEYOR
ROBERT L. [Signature]
REVISOR

THIS IS TO CERTIFY THAT THE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEY MADE BY ME UNDER MY SUPERVISION AND THAT I BELIEVE IT TO BE CORRECT TO THE BEST OF MY KNOWLEDGE.

S 1/4 Cor. Sec. 35
Set Marked Stone

N88°48'11"E
2597.66' (Meas.)

Section Corner
Re-Established
(Not Set on Ground)

LEGEND:

- └─┘ = 90° SYMBOL
- = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.
- △ = SECTION CORNERS RE-ESTABLISHED USING SINGLE PROPORTION METHOD. (Not Set on Gound)

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Revised: 04-25-06 D.R.B.

UINTAH ENGINEERING & LAND SURVEYING 85 SOUTH 200 EAST - VERNAL, UTAH 84078 (435) 789-1017		
SCALE 1" = 1000'	DATE SURVEYED: 09-27-05	DATE DRAWN: 10-17-05
PARTY G.O. T.A. D.R.B.	REFERENCES G.L.O. PLAT	
WEATHER WARM	FILE QUESTAR EXPLR. & PROD.	

Exhibit "A"

Mineral Owner	Legal Description (Township 14S, Range 19E, Section 36)	Mineral Ownership %	Lessee
SITLA	Lots 1, 2, 4, 5, 6, NE/4, N/2NW/4, SW/4NW/4, W/2SW/4, E/2SE/4, NW/4SE/4	100.00%	Quesar
Steven A. Malnar	Lot 3	8.33%	Quesar
Evan Gentile	Lot 3	8.33%	John Chasel
Heirs and/or Devises of Ta Wa re, Allottee #569	Lot 3	81.20%	Ute Energy, LLC
Christina Shavanaux Bedolla	Lot 3	0.92%	Quesar
Willamae Shavanaux	Lot 3	1.22%	UNLEASED

Additional Operator Remarks

QEP Uinta Basin Inc. proposes to directional drill a well to 12280.3' 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

See Onshore Order No. 1 attached

Please be advised that QEP Uinta Basin Inc. agrees to be responsible under the terms and conditions of the lease for the operations conducted upon the lease lands.

Bond coverage for this well is provided by Bond No. 965003033. The principal is QEP Uinta Basin Inc. 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:

<u>Formation</u>	<u>TVD</u>	<u>MD</u>	<u>Prod. Phase Anticipated</u>
Green River	Sfc	Sfc	
Wasatch	2080	2080	
Mesa Verde	4035	4035	Gas
Castle Gate	5905	6004.2	
Mancos	6095	6217.6	
Dakota Silt	9935	10,415.3	
Dakota	10,030	10,510.3	Gas
Cedar Mountain	10,110	10,590.3	
Morrison	10,320	10,800.3	
Curtis	10,875	11,355.3	
Entrada	10,955	11,435.3	Gas
Carmel	11,280	11,760.3	
Wingate	11,490	11,970.3	Gas
TD	11,800	12,280.3	

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

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

<u>Substance</u>	<u>Formation</u>	<u>TVD Depth</u>	<u>MD Depth</u>
Oil/Gas	Wingate	11,490'	11,970.3

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

	<u>Depth</u>	<u>Hole Size</u>	<u>Csg Size</u>	<u>Type</u>	<u>Weight</u>
Surface	500'	17 ½"	13 3/8"	H-40	48lb/ft (new)
Intermediate	4100'	12 ¼"	9 5/8"	J-55	40lb/ft (new)
Production	TD	8 ½"	5 ½"	P-110	17lb/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 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 208° F.

9. Surface Owner

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



Q. E. P.
1050 17th Street Suite 500
Denver, Colorado 80265

Wolf Flats_v1 #11P-36-14-19
Flat Rock Field
Uintah County, Utah
United States of America
S:36 T:14S R:19E

Cementing Recommendation

Prepared for: Mr. Jim Davidson
July 3, 2006
Version: 2

Submitted by:
Rory Cook
Halliburton Energy Services
Vernal Ut Us
1085 E Main
Vernal, Utah 84078
+435.789.2550

HALLIBURTON

Halliburton appreciates the opportunity to present this proposal and looks forward to being of service to you.

Foreword

Enclosed is our recommended procedure for cementing the casing strings in the referenced well. The information in this proposal includes well data, calculations, materials requirements, and cost estimates. This proposal is based on information from our field personnel and previous cementing services in the area.

Halliburton Energy Services recognizes the importance of meeting society's needs for health, safety, and protection of the environment. It is our intention to proactively work with employees, customers, the public, governments, and others to use natural resources in an environmentally sound manner while protecting the health, safety, and environmental processes while supplying high quality products and services to our customers.

We appreciate the opportunity to present this proposal for your consideration and we look forward to being of service to you. Our Services for your well will be coordinated through the Service Center listed below. If you require any additional information or additional designs, please feel free to contact myself or our field representative listed below.

Remember the Basics of Cementing:

- Annular Energy
- Mud Properties (PV, YP, FL, GS)
- Spacers / Flushes
- Pipe Centralization
- Plug System
- Communication

Prepared by: _____
Kyle Scott
Technical Professional

Submitted by: _____
Rory Cook
Account Leader

SERVICE CENTER:	Vernal, Utah
SERVICE COORDINATOR:	Willis Lefevre / Kyle Scott
OPER. ENGINEER:	Carl Carlson
FSQC:	Lex Cook
CMT ENGINEER	Douglas Harding
PHONE NUMBER:	(435) 789-2550

Cementing Best Practices

1. Cement quality and weight: You must choose a cement slurry that is designed to solve the problems specific to each casing string.
2. Waiting time: You must hold the cement slurry in place and under pressure until it reaches its' initial set without disturbing it. A cement slurry is a time-dependent liquid and must be allowed to undergo a hydration reaction to produce a competent cement sheath. A fresh cement slurry can be worked (thickening or pump time) as long as it is in a plastic state and before going through its' transition phase. If the cement slurry is not allowed to transition without being disturbed, it may be subjected to changes in density, dilution, settling, water separation, and gas cutting that may lead to a lack of zonal isolation and possible bridging in the annulus.
3. Pipe movement: Pipe movement may be one of the single most influential factors in mud removal. Reciprocation and/or rotation mechanically breaks up gelled mud and changes the flow patterns in the annulus to improve displacement efficiency.
4. Mud properties (for cementing):
Rheology:
Plastic Viscosity (PV) < 15 centipoise (cp)
Yield Point (YP) < 10 lb/100 ft²
These properties should be reviewed with the Mud Engineer, Drilling Engineer, and Company Representative(s) to ensure no hole problems are created.
Gel Strength:
The 10-second/10-minute gel strength values should be such that the 10-second and 10-minute readings are close together or flat (i.e., 5/6). The 30-minute reading should be less than 20 lb/100 ft². Sufficient shear stress may not be achieved on a primary cement job to remove mud left in the hole if the mud were to develop more than 25 lb/100 ft² of gel strength.
Fluid Loss:
Decreasing the filtrate loss into a permeable zone enhances the creation of a thin, competent filter cake. A thin, competent filter cake created by a low fluid loss mud system is desirable over a thick, partially gelled filter cake. A mud system created with a low fluid loss will be more easily displaced. The fluid loss value should be < 15 cc's (ideal would be 5 cc's).
5. Circulation: Prior to cementing circulate full hole volume twice, or until well conditioned mud is being returned to the surface. There should be no cutting in the mud returns. An annular velocity of 260 feet per minute is optimum (SPE/IADC 18617), if possible.
6. Flow rate: Turbulent flow is the most desirable flow regime for mud removal. If turbulence cannot be achieved pump at as high a flow rate that can practically and safely be used to create the maximum flow energy. The highest mud removal is achieved when the maximum flow energy is obtained.
7. Pipe Centralization: This Cement will take the path of least resistance, therefore proper centralization is important to help prevent the casing from contacting the borehole wall. A minimum standoff of 70% should be targeted for optimum displacement efficiency.
8. Rat hole: A weighted viscous pill placed in the rat hole prior to cementing will minimize the risk of higher density cement mixing with lower density mud when the well is static.
9. Top and Bottom plugs: A top and bottom plug are recommended to be run on all primary casing jobs. The bottom plug should be run after the spacer and ahead of the first cement slurry.
10. Spacers and flushes: Spacers and/or flushes should be used to prevent contamination between the cement slurry and the drilling fluid. They are also used to clean the wellbore and aid with bonding. To determine the volume, either a minimum of 10 minutes contact time or 1000 ft. of annular fill, whichever is greater, is recommended.

Job Information

Cement Surface Casing

Wolf Flats_v1

#11P-36-14-19

17-1/2" Open Hole

0 - 500 ft (MD)

0 - 500 ft (TVD)

Inner Diameter

17.500 in

Job Excess

100 %

13-3/8" Surface Casing

0 - 500 ft (MD)

0 - 500 ft (TVD)

Outer Diameter

13.375 in

Inner Diameter

12.715 in

Linear Weight

48 lbm/ft

Calculations

Cement Surface Casing

Spacer:

$$\begin{aligned} \text{Total Spacer} &= 112.29 \text{ ft}^3 \\ &= 20.00 \text{ bbl} \end{aligned}$$

Cement : (500.00 ft fill)

$$\begin{aligned} 500.00 \text{ ft} * 0.6946 \text{ ft}^3/\text{ft} * 100 \% &= 694.64 \text{ ft}^3 \\ \text{Primary Cement} &= 694.64 \text{ ft}^3 \\ &= 123.72 \text{ bbl} \end{aligned}$$

Shoe Joint Volume: (42.00 ft fill)

$$\begin{aligned} 42.00 \text{ ft} * 0.8818 \text{ ft}^3/\text{ft} &= 37.03 \text{ ft}^3 \\ &= 6.60 \text{ bbl} \\ \text{Tail plus shoe joint} &= 731.67 \text{ ft}^3 \\ &= 130.32 \text{ bbl} \\ \text{Total Tail} &= 405 \text{ sks} \end{aligned}$$

Total Pipe Capacity:

$$\begin{aligned} 500.00 \text{ ft} * 0.8818 \text{ ft}^3/\text{ft} &= 440.89 \text{ ft}^3 \\ &= 78.53 \text{ bbl} \end{aligned}$$

Displacement Volume to Shoe Joint:

$$\begin{aligned} \text{Capacity of Pipe - Shoe Joint} &= 78.53 \text{ bbl} - 6.60 \text{ bbl} \\ &= 71.93 \text{ bbl} \end{aligned}$$

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
MidCon-2 Premium Plus

0.25 lbm/sk Kwik Seal (Lost Circulation Additive)
0.25 lbm/sk Flocele (Lost Circulation Additive)

Fluid Weight 13.50 lbm/gal
Slurry Yield: 1.81 ft³/sk
Total Mixing Fluid: 9.34 Gal/sk
Top of Fluid: 0 ft
Calculated Fill: 500 ft
Volume: 130.32 bbl
Calculated Sacks: 405.36 sks
Proposed Sacks: 410 sks

Fluid 3: Water Spacer
Water Displacement

Fluid Density: 8.34 lbm/gal
Fluid Volume: 71.93 bbl

Fluid 4: Top Out Cement
Premium Cement

94 lbm/sk Premium Cement (Cement)
2 % Calcium Chloride (Accelerator)

Fluid Weight 15.60 lbm/gal
Slurry Yield: 1.20 ft³/sk
Total Mixing Fluid: 5.26 Gal/sk
Proposed Sacks: 100 sks

Detailed Pumping Schedule

Fluid #	Fluid Type	Fluid Name	Surface Density lbm/gal	Estimated Avg Rate bbl/min	Downhole Volume
1	Spacer	Gel Water	8.3	5.0	20 bbl
2	Cement	Rockies LTCement	13.5	5.0	410 sks
3	Spacer	Water Displacement	8.3	5.0	71.93 bbl
4	Cement	Top Out Cement	15.6	1.5	100 sks

Job Information

Cement Intermediate Casing

Wolf Flats_v1

#11P-36-14-19

13-3/8" Surface Casing	0 - 500 ft (MD) 0 - 500 ft (TVD)
Outer Diameter	13.375 in
Inner Diameter	12.715 in
Linear Weight	48 lbm/ft
12-1/4" Open Hole	500 - 4100 ft (MD)
Inner Diameter	12.250 in
Job Excess	35 %
9-5/8" Intermediate Casing	0 - 4100 ft (MD)
Outer Diameter	9.625 in
Inner Diameter	8.681 in
Linear Weight	47 lbm/ft
Mud Type	Aerated
Mud Weight	8.40 lbm/gal
BHCT	95 degF

Calculations

Cement Intermediate Casing

Spacer:

$$\begin{aligned} \text{Total Spacer} &= 56.15 \text{ ft}^3 \\ &= 10.00 \text{ bbl} \end{aligned}$$

Spacer:

$$\begin{aligned} \text{Total Spacer} &= 112.29 \text{ ft}^3 \\ &= 20.00 \text{ bbl} \end{aligned}$$

Spacer:

$$\begin{aligned} \text{Total Spacer} &= 56.15 \text{ ft}^3 \\ &= 10.00 \text{ bbl} \end{aligned}$$

Cement : (2600.00 ft fill)

$$\begin{aligned} 500.00 \text{ ft} * 0.3765 \text{ ft}^3/\text{ft} * 0 \% &= 188.25 \text{ ft}^3 \\ 2100.00 \text{ ft} * 0.3132 \text{ ft}^3/\text{ft} * 35 \% &= 887.89 \text{ ft}^3 \\ \text{Total Foamed Lead Cement} &= 1076.14 \text{ ft}^3 \\ &= 191.67 \text{ bbl} \\ \text{Sacks of Cement} &= 426 \text{ sks} \end{aligned}$$

Cement : (1000.00 ft fill)

$$\begin{aligned} 1000.00 \text{ ft} * 0.3132 \text{ ft}^3/\text{ft} * 35 \% &= 422.80 \text{ ft}^3 \\ \text{Total Foamed Lead Cement} &= 422.80 \text{ ft}^3 \\ &= 75.30 \text{ bbl} \\ \text{Sacks of Cement} &= 216 \text{ sks} \end{aligned}$$

Cement : (500.00 ft fill)

$$\begin{aligned} 500.00 \text{ ft} * 0.3132 \text{ ft}^3/\text{ft} * 35 \% &= 211.40 \text{ ft}^3 \\ \text{Tail Cement} &= 211.40 \text{ ft}^3 \\ &= 37.65 \text{ bbl} \end{aligned}$$

Shoe Joint Volume: (42.00 ft fill)

$$\begin{aligned} 42.00 \text{ ft} * 0.411 \text{ ft}^3/\text{ft} &= 17.26 \text{ ft}^3 \\ &= 3.07 \text{ bbl} \\ \text{Tail plus shoe joint} &= 228.66 \text{ ft}^3 \\ &= 40.73 \text{ bbl} \\ \text{Total Tail} &= 156 \text{ sks} \end{aligned}$$

Total Pipe Capacity:

$$\begin{aligned} 4100.00 \text{ ft} * 0.411 \text{ ft}^3/\text{ft} &= 1685.20 \text{ ft}^3 \\ &= 300.15 \text{ bbl} \end{aligned}$$

Displacement Volume to Shoe Joint:

$$\begin{aligned} \text{Capacity of Pipe - Shoe Joint} &= 300.15 \text{ bbl} - 3.07 \text{ bbl} \\ &= 297.07 \text{ bbl} \end{aligned}$$

Job Recommendation

Cement Intermediate Casing

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

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

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: 8.5 ppg Foamed Cement
50/50 Poz Premium

0.1 % FDP-C766-05 (Low Fluid Loss Control)
5 lbm/sk Silicalite Compacted (Light Weight Additive)
20 % SSA-1 (Cement Material)
0.1 % Versaset (Thixotropic Additive)
1.5 % Zonesealant 2000 (Foamer)

Fluid Weight 14.30 lbm/gal
Slurry Yield: 1.47 ft³/sk
Total Mixing Fluid: 6.41 Gal/sk
Top of Fluid: 0 ft
Calculated Fill: 2600 ft
Volume: 191.67 bbl
Calculated Sacks: 425.77 sks
Proposed Sacks: 430 sks

Fluid 5: 11 ppg Foamed Cement

50/50 Poz Premium

0.1 % FDP-C766-05 (Low Fluid Loss Control)
5 lbm/sk Silicalite Compacted (Light Weight Additive)
20 % SSA-1 (Cement Material)
0.1 % Versaset (Thixotropic Additive)
1.5 % Zonesealant 2000 (Foamer)

Fluid Weight 14.30 lbm/gal
Slurry Yield: 1.47 ft³/sk
Total Mixing Fluid: 6.41 Gal/sk
Top of Fluid: 2600 ft
Calculated Fill: 1000 ft
Volume: 75.30 bbl
Calculated Sacks: 216.42 sks
Proposed Sacks: 220 sks

Fluid 6: Unfoamed Tail

50/50 Poz Premium

0.1 % FDP-C766-05 (Low Fluid Loss Control)
5 lbm/sk Silicalite Compacted (Light Weight Additive)
20 % SSA-1 (Cement Material)
0.1 % Versaset (Thixotropic Additive)

Fluid Weight 14.30 lbm/gal
Slurry Yield: 1.47 ft³/sk
Total Mixing Fluid: 6.41 Gal/sk
Top of Fluid: 3600 ft
Calculated Fill: 500 ft
Volume: 40.73 bbl
Calculated Sacks: 155.55 sks
Proposed Sacks: 160 sks

Fluid 7: Water Spacer
Displacement

Fluid Density: 8.34 lbm/gal
Fluid Volume: 297.10 bbl

Fluid 8: Cap 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 ft³/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	Spacer	8.3	5.0	10 bbl
2	Spacer	Reactive Spacer	9.2	5.0	20 bbl
3	Spacer	Spacer	8.3	5.0	10 bbl
4	Cement	Foamed Lead Cement	14.3	5.0	430 sks
5	Cement	Foamed Lead Cement	14.3	5.0	220 sks
6	Cement	Tail Cement	14.3	5.0	160 sks
7	Spacer	Displacement Fluid	8.3	7.0	297.10 bbl
8	Cement	Top Out 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	111.47bb l	8.5	8.5	23.3	339.7
5	11 ppg Foamed Cement	56.66bbl	11.0	11.0	146.6	217.3

Foam Design Specifications:

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

Calculated Gas = 30324.9 scf
 Additional Gas = 40000 scf
 Total Gas = 70324.9 scf

Job Information**Cement Production Casing**

Wolf Flats_v1

#11P-36-14-19

9-5/8" Intermediate Casing
Outer Diameter
Inner Diameter
Linear Weight

0 - 4100 ft (MD)
9.625 in
8.681 in
47 lbm/ft

8-1/2" Open Hole
Inner Diameter
Job Excess

4100 - 12280 ft (MD)
8.500 in
35 %

5-1/2" Production Casing
Outer Diameter
Inner Diameter
Linear Weight
Casing Grade

0 - 12280 ft (MD)
5.500 in
4.892 in
17 lbm/ft
P-110

Mud Type
Mud Weight
BHST
BHCT

Water Based Mud
9.20 lbm/gal
220 degF
180 degF

Calculations

Cement Production Casing

Spacer:		
228.00 ft * 0.246 ft ³ /ft * 0 %	= 56.10 ft ³	
Total Spacer	= 56.15 ft ³	
	= 10.00 bbl	
Spacer:		
456.00 ft * 0.246 ft ³ /ft * 0 %	= 112.19 ft ³	
Total Spacer	= 112.29 ft ³	
	= 20.00 bbl	
Spacer:		
228.00 ft * 0.246 ft ³ /ft * 0 %	= 56.10 ft ³	
Total Spacer	= 56.15 ft ³	
	= 10.00 bbl	
Cement : (7830.00 ft fill)		
150.00 ft * 0.246 ft ³ /ft * 0 %	= 36.91 ft ³	
7680.00 ft * 0.2291 ft ³ /ft * 35 %	= 2375.04 ft ³	
Total Foamed Lead Cement	= 2411.95 ft ³	
	= 429.59 bbl	
Sacks of Cement	= 1193 sks	
Cement : (500.00 ft fill)		
500.00 ft * 0.2291 ft ³ /ft * 35 %	= 154.63 ft ³	
Tail Cement	= 154.63 ft ³	
	= 27.54 bbl	
Shoe Joint Volume: (42.00 ft fill)		
42.00 ft * 0.1305 ft ³ /ft	= 5.48 ft ³	
	= 0.98 bbl	
Tail plus shoe joint	= 160.11 ft ³	
	= 28.52 bbl	
Total Tail	= 109 sks	
Total Pipe Capacity:		
12280.00 ft * 0.1305 ft ³ /ft	= 1602.87 ft ³	
	= 285.48 bbl	
Displacement Volume to Shoe Joint:		
Capacity of Pipe - Shoe Joint	= 285.48 bbl - 0.98 bbl	
	= 284.51 bbl	

Job Recommendation

Cement Production Casing

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
50/50 Poz Premium

0.3 % FDP-C766-05 (Low Fluid Loss Control)
5 lbm/sk Silicalite Compacted (Light Weight Additive)
20 % SSA-1 (Cement Material)
0.2 % Versaset (Thixotropic Additive)
1.5 % Zonesealant 2000 (Foamer)

Fluid Weight 14.30 lbm/gal
Slurry Yield: 1.48 ft³/sk
Total Mixing Fluid: 6.44 Gal/sk
Top of Fluid: 3950 ft
Calculated Fill: 7830 ft
Volume: 429.59 bbl
Calculated Sacks: 1192.56 sks
Proposed Sacks: 1200 sks

Fluid 5: Unfoamed Tail
50/50 Poz Premium

0.3 % FDP-C766-05 (Low Fluid Loss Control)
5 lbm/sk Silicalite Compacted (Light Weight Additive)
20 % SSA-1 (Cement Material)
0.3 % Versaset (Thixotropic Additive)

Fluid Weight 14.30 lbm/gal
Slurry Yield: 1.48 ft³/sk
Total Mixing Fluid: 6.44 Gal/sk
Top of Fluid: 11780 ft
Calculated Fill: 500 ft
Volume: 28.52 bbl
Calculated Sacks: 108.55 sks
Proposed Sacks: 110 sks

Fluid 6: Water Spacer
Displacement

Fluid Density: 8.34 lbm/gal
Fluid Volume: 284.51 bbl

Fluid 7: 12/3 Thixo
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 ft³/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	Spacer	8.3	5.0	10 bbl
2	Spacer	Reactive Spacer	9.2	5.0	20 bbl
3	Spacer	Spacer	8.3	5.0	10 bbl
4	Cement	Foamed Lead Cement	14.3	5.0	1200 sks
5	Cement	Tail Cement	14.3	5.0	110 sks
6	Spacer	Displacement Fluid	8.3	7.0	284.51 bbl
7	Cement	Top Out Cement	14.6	1.5	75 sks

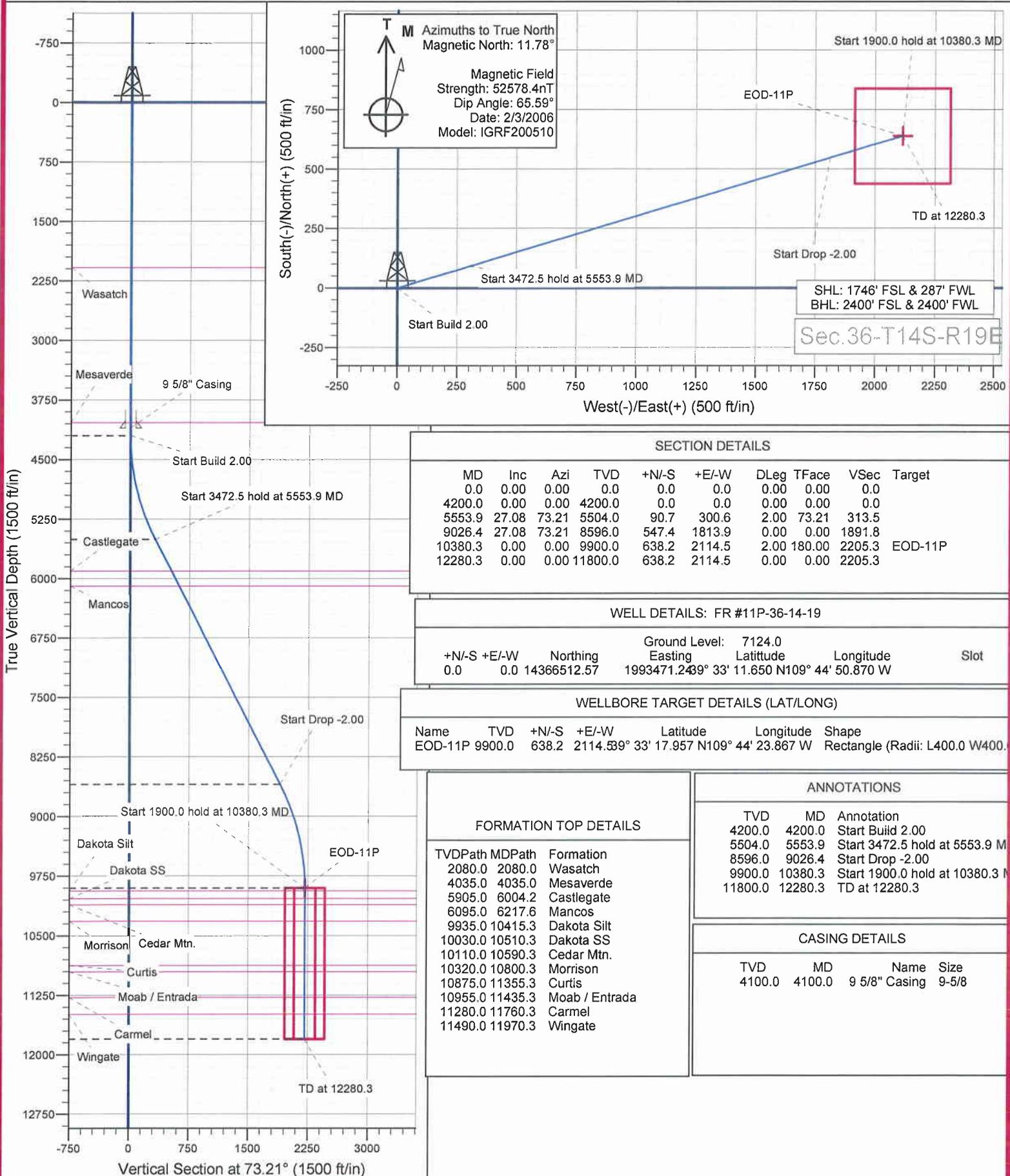
Foam Output Parameter Summary:

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	Foamed Lead	313.29bb 1	11.0	11.0	213.8	661.1

Foam Design Specifications:

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

Calculated Gas = 139904.8 scf
 Additional Gas = 40000 scf
 Total Gas = 179904.8 scf



M Azimuths to True North
 Magnetic North: 11.78°

Magnetic Field
 Strength: 52578.4nT
 Dip Angle: 65.59°
 Date: 2/3/2006
 Model: IGRF200510

Start 1900.0 hold at 10380.3 MD

EOD-11P

TD at 12280.3

Start Drop -2.00

SHL: 1746' FSL & 287' FWL
 BHL: 2400' FSL & 2400' FWL

Sec.36-T14S-R19E

SECTION DETAILS										
MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target	
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0		
4200.0	0.00	0.00	4200.0	0.0	0.0	0.00	0.00	0.0		
5553.9	27.08	73.21	5504.0	90.7	300.6	2.00	73.21	313.5		
9026.4	27.08	73.21	8596.0	547.4	1813.9	0.00	0.00	1891.8		
10380.3	0.00	0.00	9900.0	638.2	2114.5	2.00	180.00	2205.3	EOD-11P	
12280.3	0.00	0.00	11800.0	638.2	2114.5	0.00	0.00	2205.3		

WELL DETAILS: FR #11P-36-14-19						
+N/-S	+E/-W	Northing	Easting	Ground Level:	Latitude	Longitude
0.0	0.0	14366512.57	1993471.2439° 33'	7124.0	11.650 N109° 44'	50.870 W

WELLBORE TARGET DETAILS (LAT/LONG)						
Name	TVD	+N/-S	+E/-W	Latitude	Longitude	Shape
EOD-11P	9900.0	638.2	2114.539° 33'	17.957 N109° 44'	23.867 W	Rectangle (Radii: L400.0 W400.0)

FORMATION TOP DETAILS		
TVDPath	MDPath	Formation
2080.0	2080.0	Wasatch
4035.0	4035.0	Mesaverde
5905.0	6004.2	Castlegate
6095.0	6217.6	Mancos
9935.0	10415.3	Dakota Silt
10030.0	10510.3	Dakota SS
10110.0	10590.3	Cedar Mtn.
10320.0	10800.3	Morrison
10875.0	11355.3	Curtis
10955.0	11435.3	Moab / Entrada
11280.0	11760.3	Carmel
11490.0	11970.3	Wingate

ANNOTATIONS		
TVD	MD	Annotation
4200.0	4200.0	Start Build 2.00
5504.0	5553.9	Start 3472.5 hold at 5553.9 MD
8596.0	9026.4	Start Drop -2.00
9900.0	10380.3	Start 1900.0 hold at 10380.3 MD
11800.0	12280.3	TD at 12280.3

CASING DETAILS			
TVD	MD	Name	Size
4100.0	4100.0	9 5/8" Casing	9-5/8

True Vertical Depth (1500 ft/in)

Vertical Section at 73.21° (1500 ft/in)

Questar Exploration & Production

**Flat Rock
Sec.36-T14S-R19E
FR #11P-36-14-19
Wellbore #1**

Plan: Plan #1

Pathfinder Planning Report

29 June, 2006

Pathfinder Energy Services

Planning Report

Database: EDM 2003.14 Single User Db	Local Co-ordinate Reference: Well FR #11P-36-14-19
Company: Questar Exploration & Production	TVD Reference: WELL @ 7138.0ft (Original Well Elev)
Project: Flat Rock	MD Reference: WELL @ 7138.0ft (Original Well Elev)
Site: Sec.36-T14S-R19E	North Reference: True
Well: FR #11P-36-14-19	Survey Calculation Method: Minimum Curvature
Wellbore: Wellbore #1	
Design: Plan #1	

Project	Flat Rock		
Map System:	Universal Transverse Mercator (US Survey Feet)	System Datum:	Mean Sea Level
Geo Datum:	NAD83 Utah - HARN		
Map Zone:	Zone 12N (114 W to 108 W)		

Site	Sec.36-T14S-R19E				
Site Position:		Northing:	14,366,512.57 ft	Latitude:	39° 33' 11.650 N
From:	Lat/Long	Easting:	1,993,471.24 ft	Longitude:	109° 44' 50.870 W
Position Uncertainty:	0.0 ft	Slot Radius:	"	Grid Convergence:	0.80 °

Well	FR #11P-36-14-19					
Well Position	+N/-S	0.0 ft	Northing:	14,366,512.57 ft	Latitude:	39° 33' 11.650 N
	+E/-W	0.0 ft	Easting:	1,993,471.24 ft	Longitude:	109° 44' 50.870 W
Position Uncertainty		0.0 ft	Wellhead Elevation:	ft	Ground Level:	7,124.0 ft

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF200510	2/3/2006	11.78	65.59	52,578

Design	Plan #1				
Audit Notes:					
Version:	Phase:	PROTOTYPE	Tie On Depth:	0.0	
Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)	
	0.0	0.0	0.0	73.21	

Plan Sections										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	TFO (°)	Target
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00	0.00	
4,200.0	0.00	0.00	4,200.0	0.0	0.0	0.00	0.00	0.00	0.00	
5,553.9	27.08	73.21	5,504.0	90.7	300.6	2.00	2.00	0.00	73.21	
9,026.4	27.08	73.21	8,596.0	547.4	1,813.9	0.00	0.00	0.00	0.00	
10,380.3	0.00	0.00	9,900.0	638.2	2,114.5	2.00	-2.00	0.00	180.00	EOD-11P
12,280.3	0.00	0.00	11,800.0	638.2	2,114.5	0.00	0.00	0.00	0.00	

Pathfinder Energy Services

Planning Report

Database: EDM 2003.14 Single User Db
Company: Questar Exploration & Production
Project: Flat Rock
Site: Sec.36-T14S-R19E
Well: FR #11P-36-14-19
Wellbore: Wellbore #1
Design: Plan #1

Local Co-ordinate Reference: Well FR #11P-36-14-19
TVD Reference: WELL @ 7138.0ft (Original Well Elev)
MD Reference: WELL @ 7138.0ft (Original Well Elev)
North Reference: True
Survey Calculation Method: Minimum Curvature

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
100.0	0.00	0.00	100.0	0.0	0.0	0.0	0.00	0.00	0.00
200.0	0.00	0.00	200.0	0.0	0.0	0.0	0.00	0.00	0.00
300.0	0.00	0.00	300.0	0.0	0.0	0.0	0.00	0.00	0.00
400.0	0.00	0.00	400.0	0.0	0.0	0.0	0.00	0.00	0.00
500.0	0.00	0.00	500.0	0.0	0.0	0.0	0.00	0.00	0.00
600.0	0.00	0.00	600.0	0.0	0.0	0.0	0.00	0.00	0.00
700.0	0.00	0.00	700.0	0.0	0.0	0.0	0.00	0.00	0.00
800.0	0.00	0.00	800.0	0.0	0.0	0.0	0.00	0.00	0.00
900.0	0.00	0.00	900.0	0.0	0.0	0.0	0.00	0.00	0.00
1,000.0	0.00	0.00	1,000.0	0.0	0.0	0.0	0.00	0.00	0.00
1,100.0	0.00	0.00	1,100.0	0.0	0.0	0.0	0.00	0.00	0.00
1,200.0	0.00	0.00	1,200.0	0.0	0.0	0.0	0.00	0.00	0.00
1,300.0	0.00	0.00	1,300.0	0.0	0.0	0.0	0.00	0.00	0.00
1,400.0	0.00	0.00	1,400.0	0.0	0.0	0.0	0.00	0.00	0.00
1,500.0	0.00	0.00	1,500.0	0.0	0.0	0.0	0.00	0.00	0.00
1,600.0	0.00	0.00	1,600.0	0.0	0.0	0.0	0.00	0.00	0.00
1,700.0	0.00	0.00	1,700.0	0.0	0.0	0.0	0.00	0.00	0.00
1,800.0	0.00	0.00	1,800.0	0.0	0.0	0.0	0.00	0.00	0.00
1,900.0	0.00	0.00	1,900.0	0.0	0.0	0.0	0.00	0.00	0.00
2,000.0	0.00	0.00	2,000.0	0.0	0.0	0.0	0.00	0.00	0.00
Wasatch									
2,080.0	0.00	0.00	2,080.0	0.0	0.0	0.0	0.00	0.00	0.00
2,100.0	0.00	0.00	2,100.0	0.0	0.0	0.0	0.00	0.00	0.00
2,200.0	0.00	0.00	2,200.0	0.0	0.0	0.0	0.00	0.00	0.00
2,300.0	0.00	0.00	2,300.0	0.0	0.0	0.0	0.00	0.00	0.00
2,400.0	0.00	0.00	2,400.0	0.0	0.0	0.0	0.00	0.00	0.00
2,500.0	0.00	0.00	2,500.0	0.0	0.0	0.0	0.00	0.00	0.00
2,600.0	0.00	0.00	2,600.0	0.0	0.0	0.0	0.00	0.00	0.00
2,700.0	0.00	0.00	2,700.0	0.0	0.0	0.0	0.00	0.00	0.00
2,800.0	0.00	0.00	2,800.0	0.0	0.0	0.0	0.00	0.00	0.00
2,900.0	0.00	0.00	2,900.0	0.0	0.0	0.0	0.00	0.00	0.00
3,000.0	0.00	0.00	3,000.0	0.0	0.0	0.0	0.00	0.00	0.00
3,100.0	0.00	0.00	3,100.0	0.0	0.0	0.0	0.00	0.00	0.00
3,200.0	0.00	0.00	3,200.0	0.0	0.0	0.0	0.00	0.00	0.00
3,300.0	0.00	0.00	3,300.0	0.0	0.0	0.0	0.00	0.00	0.00
3,400.0	0.00	0.00	3,400.0	0.0	0.0	0.0	0.00	0.00	0.00
3,500.0	0.00	0.00	3,500.0	0.0	0.0	0.0	0.00	0.00	0.00
3,600.0	0.00	0.00	3,600.0	0.0	0.0	0.0	0.00	0.00	0.00
3,700.0	0.00	0.00	3,700.0	0.0	0.0	0.0	0.00	0.00	0.00
3,800.0	0.00	0.00	3,800.0	0.0	0.0	0.0	0.00	0.00	0.00
3,900.0	0.00	0.00	3,900.0	0.0	0.0	0.0	0.00	0.00	0.00
4,000.0	0.00	0.00	4,000.0	0.0	0.0	0.0	0.00	0.00	0.00
Mesaverde									
4,035.0	0.00	0.00	4,035.0	0.0	0.0	0.0	0.00	0.00	0.00
9 5/8" Casing									
4,100.0	0.00	0.00	4,100.0	0.0	0.0	0.0	0.00	0.00	0.00
Start Build 2.00									
4,200.0	0.00	0.00	4,200.0	0.0	0.0	0.0	0.00	0.00	0.00
4,300.0	2.00	73.21	4,300.0	0.5	1.7	1.7	2.00	2.00	0.00
4,400.0	4.00	73.21	4,399.8	2.0	6.7	7.0	2.00	2.00	0.00
4,500.0	6.00	73.21	4,499.5	4.5	15.0	15.7	2.00	2.00	0.00
4,600.0	8.00	73.21	4,598.7	8.1	26.7	27.9	2.00	2.00	0.00

Pathfinder Energy Services

Planning Report

Database: EDM 2003.14 Single User Db
Company: Questar Exploration & Production
Project: Flat Rock
Site: Sec.36-T14S-R19E
Well: FR #11P-36-14-19
Wellbore: Wellbore #1
Design: Plan #1

Local Co-ordinate Reference: Well FR #11P-36-14-19
TVD Reference: WELL @ 7138.0ft (Original Well Elev)
MD Reference: WELL @ 7138.0ft (Original Well Elev)
North Reference: True
Survey Calculation Method: Minimum Curvature

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
4,700.0	10.00	73.21	4,697.5	12.6	41.7	43.5	2.00	2.00	0.00
4,800.0	12.00	73.21	4,795.6	18.1	59.9	62.6	2.00	2.00	0.00
4,900.0	14.00	73.21	4,893.1	24.6	81.5	85.1	2.00	2.00	0.00
5,000.0	16.00	73.21	4,989.6	32.1	106.2	111.0	2.00	2.00	0.00
5,100.0	18.00	73.21	5,085.3	40.5	134.2	140.2	2.00	2.00	0.00
5,200.0	20.00	73.21	5,179.8	49.9	165.4	172.8	2.00	2.00	0.00
5,300.0	22.00	73.21	5,273.2	60.3	199.7	208.6	2.00	2.00	0.00
5,400.0	24.00	73.21	5,365.2	71.6	237.1	247.7	2.00	2.00	0.00
5,500.0	26.00	73.21	5,455.8	83.8	277.6	289.9	2.00	2.00	0.00
Start 3472.5 hold at 5553.9 MD									
5,553.9	27.08	73.21	5,504.0	90.7	300.6	314.0	2.00	2.00	0.00
5,600.0	27.08	73.21	5,545.1	96.8	320.7	335.0	0.00	0.00	0.00
5,700.0	27.08	73.21	5,634.1	109.9	364.3	380.5	0.00	0.00	0.00
5,800.0	27.08	73.21	5,723.2	123.1	407.9	426.0	0.00	0.00	0.00
5,900.0	27.08	73.21	5,812.2	136.2	451.4	471.6	0.00	0.00	0.00
6,000.0	27.08	73.21	5,901.3	149.4	495.0	517.1	0.00	0.00	0.00
Castlegate									
6,004.2	27.08	73.21	5,905.0	150.0	496.9	519.0	0.00	0.00	0.00
6,100.0	27.08	73.21	5,990.3	162.6	538.6	562.6	0.00	0.00	0.00
6,200.0	27.08	73.21	6,079.3	175.7	582.2	608.1	0.00	0.00	0.00
Mancos									
6,217.6	27.08	73.21	6,095.0	178.0	589.8	616.1	0.00	0.00	0.00
6,300.0	27.08	73.21	6,168.4	188.9	625.8	653.6	0.00	0.00	0.00
6,400.0	27.08	73.21	6,257.4	202.0	669.3	699.2	0.00	0.00	0.00
6,500.0	27.08	73.21	6,346.5	215.2	712.9	744.7	0.00	0.00	0.00
6,600.0	27.08	73.21	6,435.5	228.3	756.5	790.2	0.00	0.00	0.00
6,700.0	27.08	73.21	6,524.5	241.5	800.1	835.7	0.00	0.00	0.00
6,800.0	27.08	73.21	6,613.6	254.6	843.7	881.2	0.00	0.00	0.00
6,900.0	27.08	73.21	6,702.6	267.8	887.2	926.8	0.00	0.00	0.00
7,000.0	27.08	73.21	6,791.7	280.9	930.8	972.3	0.00	0.00	0.00
7,100.0	27.08	73.21	6,880.7	294.1	974.4	1,017.8	0.00	0.00	0.00
7,200.0	27.08	73.21	6,969.7	307.2	1,018.0	1,063.3	0.00	0.00	0.00
7,300.0	27.08	73.21	7,058.8	320.4	1,061.5	1,108.8	0.00	0.00	0.00
7,400.0	27.08	73.21	7,147.8	333.5	1,105.1	1,154.4	0.00	0.00	0.00
7,500.0	27.08	73.21	7,236.8	346.7	1,148.7	1,199.9	0.00	0.00	0.00
7,600.0	27.08	73.21	7,325.9	359.8	1,192.3	1,245.4	0.00	0.00	0.00
7,700.0	27.08	73.21	7,414.9	373.0	1,235.9	1,290.9	0.00	0.00	0.00
7,800.0	27.08	73.21	7,504.0	386.1	1,279.4	1,336.4	0.00	0.00	0.00
7,900.0	27.08	73.21	7,593.0	399.3	1,323.0	1,382.0	0.00	0.00	0.00
8,000.0	27.08	73.21	7,682.0	412.4	1,366.6	1,427.5	0.00	0.00	0.00
8,100.0	27.08	73.21	7,771.1	425.6	1,410.2	1,473.0	0.00	0.00	0.00
8,200.0	27.08	73.21	7,860.1	438.7	1,453.8	1,518.5	0.00	0.00	0.00
8,300.0	27.08	73.21	7,949.2	451.9	1,497.3	1,564.0	0.00	0.00	0.00
8,400.0	27.08	73.21	8,038.2	465.1	1,540.9	1,609.6	0.00	0.00	0.00
8,500.0	27.08	73.21	8,127.2	478.2	1,584.5	1,655.1	0.00	0.00	0.00
8,600.0	27.08	73.21	8,216.3	491.4	1,628.1	1,700.6	0.00	0.00	0.00
8,700.0	27.08	73.21	8,305.3	504.5	1,671.6	1,746.1	0.00	0.00	0.00
8,800.0	27.08	73.21	8,394.4	517.7	1,715.2	1,791.6	0.00	0.00	0.00
8,900.0	27.08	73.21	8,483.4	530.8	1,758.8	1,837.2	0.00	0.00	0.00
9,000.0	27.08	73.21	8,572.4	544.0	1,802.4	1,882.7	0.00	0.00	0.00
Start Drop -2.00									
9,026.4	27.08	73.21	8,596.0	547.4	1,813.9	1,894.7	0.00	0.00	0.00
9,100.0	25.61	73.21	8,661.9	556.9	1,845.1	1,927.4	2.00	-2.00	0.00

Pathfinder Energy Services

Planning Report

Database: EDM 2003.14 Single User Db
Company: Questar Exploration & Production
Project: Flat Rock
Site: Sec.36-T14S-R19E
Well: FR #11P-36-14-19
Wellbore: Wellbore #1
Design: Plan #1

Local Co-ordinate Reference:
TVD Reference:
MD Reference:
North Reference:
Survey Calculation Method:

Well FR #11P-36-14-19
 WELL @ 7138.0ft (Original Well Elev)
 WELL @ 7138.0ft (Original Well Elev)
 True
 Minimum Curvature

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
9,200.0	23.61	73.21	8,752.8	568.9	1,885.0	1,969.0	2.00	-2.00	0.00
9,300.0	21.61	73.21	8,845.1	580.0	1,921.8	2,007.4	2.00	-2.00	0.00
9,400.0	19.61	73.21	8,938.7	590.2	1,955.5	2,042.6	2.00	-2.00	0.00
9,500.0	17.61	73.21	9,033.5	599.4	1,986.0	2,074.5	2.00	-2.00	0.00
9,600.0	15.61	73.21	9,129.3	607.7	2,013.4	2,103.1	2.00	-2.00	0.00
9,700.0	13.61	73.21	9,226.1	614.9	2,037.5	2,128.3	2.00	-2.00	0.00
9,800.0	11.61	73.21	9,323.7	621.2	2,058.4	2,150.1	2.00	-2.00	0.00
9,900.0	9.61	73.21	9,421.9	626.6	2,076.1	2,168.5	2.00	-2.00	0.00
10,000.0	7.61	73.21	9,520.8	630.9	2,090.4	2,183.5	2.00	-2.00	0.00
10,100.0	5.61	73.21	9,620.1	634.2	2,101.4	2,195.0	2.00	-2.00	0.00
10,200.0	3.61	73.21	9,719.8	636.5	2,109.1	2,203.0	2.00	-2.00	0.00
10,300.0	1.61	73.21	9,819.7	637.8	2,113.4	2,207.6	2.00	-2.00	0.00
Start 1900.0 hold at 10380.3 MD - EOD-11P									
10,380.3	0.00	0.00	9,900.0	638.2	2,114.5	2,208.7	2.00	-2.00	0.00
10,400.0	0.00	0.00	9,919.7	638.2	2,114.5	2,208.7	0.00	0.00	0.00
Dakota Silt									
10,415.3	0.00	0.00	9,935.0	638.2	2,114.5	2,208.7	0.00	0.00	0.00
10,500.0	0.00	0.00	10,019.7	638.2	2,114.5	2,208.7	0.00	0.00	0.00
Dakota SS									
10,510.3	0.00	0.00	10,030.0	638.2	2,114.5	2,208.7	0.00	0.00	0.00
Cedar Mtn.									
10,590.3	0.00	0.00	10,110.0	638.2	2,114.5	2,208.7	0.00	0.00	0.00
10,600.0	0.00	0.00	10,119.7	638.2	2,114.5	2,208.7	0.00	0.00	0.00
10,700.0	0.00	0.00	10,219.7	638.2	2,114.5	2,208.7	0.00	0.00	0.00
10,800.0	0.00	0.00	10,319.7	638.2	2,114.5	2,208.7	0.00	0.00	0.00
Morrison									
10,800.3	0.00	0.00	10,320.0	638.2	2,114.5	2,208.7	0.00	0.00	0.00
10,900.0	0.00	0.00	10,419.7	638.2	2,114.5	2,208.7	0.00	0.00	0.00
11,000.0	0.00	0.00	10,519.7	638.2	2,114.5	2,208.7	0.00	0.00	0.00
11,100.0	0.00	0.00	10,619.7	638.2	2,114.5	2,208.7	0.00	0.00	0.00
11,200.0	0.00	0.00	10,719.7	638.2	2,114.5	2,208.7	0.00	0.00	0.00
11,300.0	0.00	0.00	10,819.7	638.2	2,114.5	2,208.7	0.00	0.00	0.00
Curtis									
11,355.3	0.00	0.00	10,875.0	638.2	2,114.5	2,208.7	0.00	0.00	0.00
11,400.0	0.00	0.00	10,919.7	638.2	2,114.5	2,208.7	0.00	0.00	0.00
Moab / Entrada									
11,435.3	0.00	0.00	10,955.0	638.2	2,114.5	2,208.7	0.00	0.00	0.00
11,500.0	0.00	0.00	11,019.7	638.2	2,114.5	2,208.7	0.00	0.00	0.00
11,600.0	0.00	0.00	11,119.7	638.2	2,114.5	2,208.7	0.00	0.00	0.00
11,700.0	0.00	0.00	11,219.7	638.2	2,114.5	2,208.7	0.00	0.00	0.00
Carmel									
11,760.3	0.00	0.00	11,280.0	638.2	2,114.5	2,208.7	0.00	0.00	0.00
11,800.0	0.00	0.00	11,319.7	638.2	2,114.5	2,208.7	0.00	0.00	0.00
11,900.0	0.00	0.00	11,419.7	638.2	2,114.5	2,208.7	0.00	0.00	0.00
Wingate									
11,970.3	0.00	0.00	11,490.0	638.2	2,114.5	2,208.7	0.00	0.00	0.00
12,000.0	0.00	0.00	11,519.7	638.2	2,114.5	2,208.7	0.00	0.00	0.00
12,100.0	0.00	0.00	11,619.7	638.2	2,114.5	2,208.7	0.00	0.00	0.00
12,200.0	0.00	0.00	11,719.7	638.2	2,114.5	2,208.7	0.00	0.00	0.00
TD at 12280.3									
12,280.3	0.00	0.00	11,800.0	638.2	2,114.5	2,208.7	0.00	0.00	0.00

Pathfinder Energy Services

Planning Report

Database: EDM 2003.14 Single User Db
Company: Questar Exploration & Production
Project: Flat Rock
Site: Sec.36-T14S-R19E
Well: FR #11P-36-14-19
Wellbore: Wellbore #1
Design: Plan #1

Local Co-ordinate Reference: Well FR #11P-36-14-19
TVD Reference: WELL @ 7138.0ft (Original Well Elev)
MD Reference: WELL @ 7138.0ft (Original Well Elev)
North Reference: True
Survey Calculation Method: Minimum Curvature

Targets									
Target Name	Dip Angle	Dip Dir.	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
- hit/miss target	(°)	(°)	(ft)	(ft)	(ft)	(ft)	(ft)		
- Shape									
EOD-11P	0.00	0.00	9,900.0	638.2	2,114.5	14,367,180.11	1,995,576.66	39° 33' 17.957 N	109° 44' 23.867 W
- plan hits target - Rectangle (sides W400.0 H400.0 D1,900.0)									

Casing Points				
Measured Depth	Vertical Depth	Name	Casing Diameter	Hole Diameter
(ft)	(ft)		(")	(")
4,100.0	4,100.0	9 5/8" Casing	9-5/8	12-1/4

Formations						
Measured Depth	Vertical Depth	Name	Lithology	Dip	Dip Direction	
(ft)	(ft)			(°)	(°)	
2,080.0	2,080.0	Wasatch		0.00		
4,035.0	4,035.0	Mesaverde		0.00		
6,004.2	5,905.0	Castlegate		0.00		
6,217.6	6,095.0	Mancos		0.00		
10,415.3	9,935.0	Dakota Silt		0.00		
10,510.3	10,030.0	Dakota SS		0.00		
10,590.3	10,110.0	Cedar Mtn.		0.00		
10,800.3	10,320.0	Morrison		0.00		
11,355.3	10,875.0	Curtis		0.00		
11,435.3	10,955.0	Moab / Entrada		0.00		
11,760.3	11,280.0	Carmel		0.00		
11,970.3	11,490.0	Wingate		0.00		

Plan Annotations					
Measured Depth	Vertical Depth	Local Coordinates		Comment	
(ft)	(ft)	+N/-S	+E/-W		
		(ft)	(ft)		
4,200.0	4,200.0	0.0	0.0	Start Build 2.00	
5,553.9	5,504.0	90.7	300.6	Start 3472.5 hold at 5553.9 MD	
9,026.4	8,596.0	547.4	1,813.9	Start Drop -2.00	
10,380.3	9,900.0	638.2	2,114.5	Start 1900.0 hold at 10380.3 MD	
12,280.3	11,800.0	638.2	2,114.5	TD at 12280.3	

EXHIBIT B
SCHEMATIC DIAGRAM OF 5,000 PSI BOP STACK

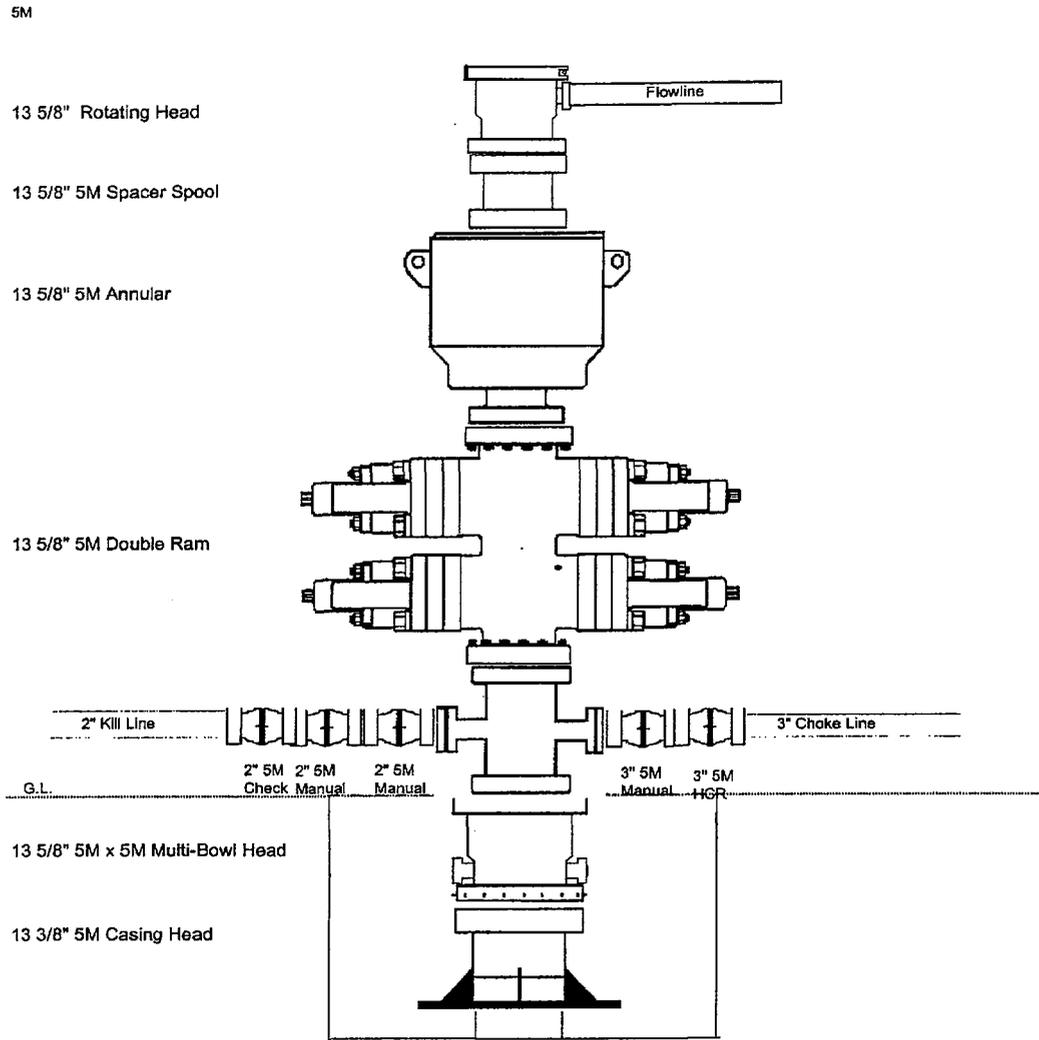
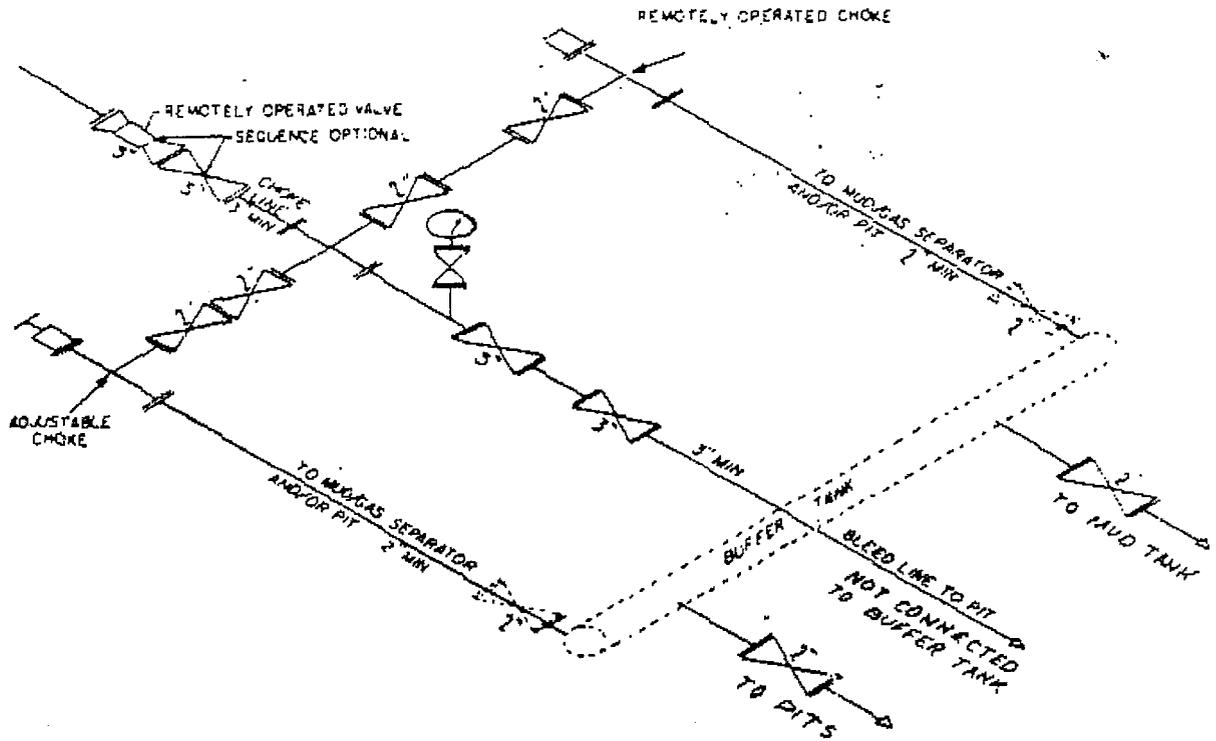


EXHIBIT B CONTINUED

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

46813



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

[FR Doc. 88-20738 Filed 11-17-88; 8:45 am]
BILLING CODE 4310-01-C

Lessee's or Operator's Representative:

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

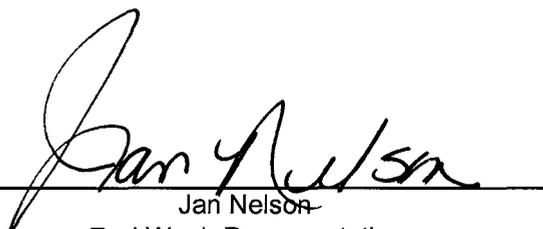
Certification:

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

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

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

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

06-Jul-06

Date

**UNITED STATES GOVERNMENT
MEMORANDUM**

DATE: January 25, 2006

REPLY TO

ATTN OF: Superintendent, Uintah & Ouray Agency

SUBJECT: APD Concurrence for QUESTAR EXPLORATION & PRODUCTION CO.

TO: Bureau of Land Management, Vernal District Office

Attn: Minerals and Mining Division

We recommend approval of the Application for Permit to Drill (APD) for a drill site, access road and pipeline with required stipulations:

TOWNSHIP 14 SOUTH, RANGE 19 EAST, S.L.B.&M.

ROW No.	Well Name	Legal Descriptions	Sec	Twn	Rng	ROW Type
H62-2006-048	FR 11P-36-14-19	NW/4SW/4	36	T14S	R19E	WS/AR
		NE/4SE/4, E/2NE/4	35			
H62-2006-049	FR 11P-36-14-19	NW/4SW/4	36	T14S	R19E	PL Corr
		NE/4SE/4, E/2NE/4	35			

Based on available information received during the *Site Specific On-Site Inspection (attached)* the proposed location was cleared in the following areas of environmental impact.

YES		NO	X	Listed threatened endangered species
YES		NO	X	Critical wildlife habitat
YES		NO	X	Archaeological or cultural resources
YES		NO		Air quality aspects (to be used only if Project is in or adjacent to a Class I area)

Enclosed is a copy of the BIA's Environmental Analysis (EA) concurred and signed by the Ute Indian Tribe. Please refer to item 6.0 for Mitigation Stipulations as well as any applicable stipulations in 10.0 for Additional Stipulations

REMARKS: The Ute Tribe Energy & Minerals (E&M) Department also requires that all companies adhere to the following criteria, during and after, all phases of construction activities.

Chuter D. Miles

RECEIVED

JUL 07 2006

DIV. OF OIL, GAS & MINING

GRANT OF EASEMENT FOR RIGHT-OF-WAY

ROW Serial No. H62-2006-048

BIA TRANSACTION NO.: 687-13-00048-06

WELL SITE & ACCESS ROAD – **FR 11P-36-14-19**

KNOW ALL MEN BY THESE PRESENTS:

That the **UNITED STATES OF AMERICA**, as trustee for UTE INDIAN TRIBE acting by and through the **Superintendent of the Uintah and Ouray Agency**, as “Grantor”, under authority contained in 209 DM 8 (39 F.R. 32166), 10 BIAM 3 (34 F.R.637) 230 DM 3 (20 F.R. 992) and Sec. 2.11 (34 F.R. 11109), pursuant and subject to the provisions of the Act of February 5, 1948 Stat. 17, (U.S.C. 323-328), and Part 169, Title 25, Code of Federal Regulations in consideration of:

ZERO, (\$0.00) - As the terms of Tribal Resolutions 04-196 and 04-201, and letter agreement between the Ute Indian Tribe and Questar dated August 27, 2004; which is acknowledged, does hereby grant to:

Questar Exploration & Production Co.(Uinta Basin), P.O. Box 455, Vernal, Utah 84078

Its successors and assignees hereinafter referred to as “Grantee” an easement for right-of-way.

In accordance with the attached survey plat: **For the FR 11P-36-14-19**

G.L.O. Plat No. 22827-A, dated 10/18/2005 for Section 35, 36, Township 14 South, Range 19 East,

S.L.B.&M. for the following:

Well Site: Located in the NW/4SW/4 of Section 36, being 3.296, m/l,
Access Road: Located in the NW/4SW/4 of Section 36; and the NE/4SE/4, E /2NE/4 of Section 35,
being 5,224.95’ in length, and 30’ in width, and 3.598 acres, m/l,
Total ROW acreage 6.894, m/l

Within the exterior boundaries of the Uintah & Ouray Reservation for the following purposes namely: The construction, maintenance, repair, inspection, protection, operation and removal of the **FR 11P-36-14-19** together with the necessary appurtenances thereto, on, over and across the land embraced within the right-of-way located in Uintah County, Utah.

TO HAVE AND TO HOLD said easement and right-of-way unto the Grantee and unto its successors and assigns, together with prior existing right or adverse claim and is for the length of **TWENTY (20) YEARS**, beginning **January 25, 2006**, so long as easement shall actually be used for the purposes above specified. Consideration may be increased at five (5) year intervals if necessary to reflect the existing market prices.

This right-of-way shall be terminable in whole or in part by the grantor for any of the following causes upon 30 days’ written notice and failure to the Grantee within said notice period to correct the basis of termination (25 CFR 169.20)

- A. Failure to comply with any term or condition of the grant or applicable regulations.
- B. A nonuse of the right-of-way for a consecutive two-year period for the purpose for which it was granted.
- C. An abandonment of the right-of-way.
- D. Failure of the Grantee to file with the Grantor an Affidavit of Completion pursuant to 25 CFR 169.16; Upon completion of construction, or in any case within two years of date of this easement granted in the case construction does not begin or is completed.

The conditions of this easement shall extend to and be binding upon and shall insure to the benefit of the successors and assignees of the Grantee. It has been determined that approval of this document is not such a major federal action significantly affecting the quality of the human environment as to required the preparation of an environmental impact statement under Section 102 (2)(c) of the National Environmental Policy Act of 1969 (42 U.S.C. 4332) (2) (c).

IN WITNESS WHEREOF, Grantor has executed this Grant of Easement for Right-of-Way this **25th** day of **January, 2006** pursuant to authority delegated to the Assistant Secretary – Indian Affairs by 209 DM 8, 230 DM 1, and to the Western Regional Director by 3 IAM 4 (Release No. 99-03), and to the Superintendent/Field Representatives by 10 BIAM 11, as amended by Western Regional Release No. 97-1 and any further delegation needed to effectuate the reorganization embodied in DM Releases dated April, 2003.

UNITED STATES OF AMERICA
U.S. Department of the Interior
Uintah & Ouray Agency
Fort Duchesne, UT 84026

By: Chester A. Hill
Superintendent



ENVIRONMENTAL ANALYSIS SITE SPECIFIC

STIPS

WELL NO: FR 11P-36-14-19
Sec. 36, T14S, R19E
Legal Description:
Surface: NWSW Sec 36, T14S, R19E
Bottom Hole: NESW Sec 36 T14S, R19E
COMPANY: QEP, UINTA BASIN INC.
Date: 12-07-05

1.0 - PROPOSED ACTION

<input checked="" type="checkbox"/>	ROAD ACCESS	# of feet	5224.95 feet
<input checked="" type="checkbox"/>	WELL PAD	# of feet	3.296 acres
<input checked="" type="checkbox"/>	PIPELINE	# of feet	5274.07 feet
<input type="checkbox"/>	POWERLINE	# of feet	
<input type="checkbox"/>	CORRIDOR ROW	# of feet	
<input type="checkbox"/>	Other		

Notes:

2.0 - ALTERNATIVE ACTIONS

- A. ALTERNATIVE CONSIDERED: The proposed action is the preferred alternative.
- B. NO ACTION: Under the no action alternative, the proposed action would not be implemented.
- C. OTHER: NA

3.0 - SITE SPECIFIC SURVEY

A. SITE DESCRIPTION

1. Elevation (feet)	7118.3 feet
2. Annual precipitation (inches)	6" TO 8" 8-10"
3. Topography	<i>gently sloped</i>
4. Soil	<i>S. Sandy, gravelly loam</i>

5. Est. Infiltration Range	Low	<input checked="" type="checkbox"/> Moderate	High
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B. VEGETATION

1. Habitat type is:	Sagebrush ^{2mm} desert shrub							
2. Percent Ground Cover:	75%							
3. Vegetation consists of:	%	Grasses	25%	Shrubs	%	Forbs	50%	Trees

The main variety of grasses are

<input type="checkbox"/>	blue grama	<input type="checkbox"/>	bluebunch wheat	<input type="checkbox"/>	squirrel tail	<input type="checkbox"/>	needle & thread
<input type="checkbox"/>	poa	<input type="checkbox"/>	Indian rice	<input type="checkbox"/>	cheat Grass	<input type="checkbox"/>	galletta
<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>	None

Shrubs consist of:

<input type="checkbox"/>	prickly pear	<input type="checkbox"/>	spiny hopsage	<input checked="" type="checkbox"/>	rabbit brush	<input type="checkbox"/>	Fourwing salt bush
<input type="checkbox"/>	Spiny horse bush	<input type="checkbox"/>	Grease wood	<input type="checkbox"/>	Snake weed	<input type="checkbox"/>	Sand sage
<input type="checkbox"/>	Wild buckwheat	<input checked="" type="checkbox"/>	^{Big} Black sage	<input type="checkbox"/>		<input type="checkbox"/>	None

Forbs consist of:

<input type="checkbox"/>	Annuals	<input type="checkbox"/>	Lamb quarters	<input type="checkbox"/>	Gilia	<input type="checkbox"/>	Penstamen
<input type="checkbox"/>	Mustard	<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>	None

Trees consist of:

<input checked="" type="checkbox"/>	Pinion pine	<input checked="" type="checkbox"/>	Utah juniper	<input type="checkbox"/>	Upland pinion juniper	<input type="checkbox"/>	None
<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>	

4. Observed T&E species:	None
5. Potential For T&E species:	Low
6. Observed Noxious Weeds:	None

C. AFFECTED ENVIRONMENT

1. There are no surface damages as a result of the initial survey.

3.1 - WILDLIFE

A. POTENTIAL SITE UTILIZATION

1. Big Game	<input checked="" type="checkbox"/> Elk	<input checked="" type="checkbox"/> Mule Deer	<input type="checkbox"/> Antelope	<input checked="" type="checkbox"/> Other: ^{1 Buffalo}
2. Small Game	<input checked="" type="checkbox"/> Cotton Tail Rabbit	<input type="checkbox"/> Dove	<input type="checkbox"/> Quail	<input type="checkbox"/> Other
3. Raptors	<input type="checkbox"/> Golden Eagles	<input checked="" type="checkbox"/> Redtail Hawk	<input type="checkbox"/> Kestrel	<input type="checkbox"/> Other
4. Non-Game Wildlife	<input checked="" type="checkbox"/> Cattle	<input type="checkbox"/> Coyote	<input type="checkbox"/> Fox	<input checked="" type="checkbox"/> Other
	<input checked="" type="checkbox"/> Song birds	<input checked="" type="checkbox"/> Black Tail Jack Rabbit		^{Wild horses}

5. T&E Species

none

3.2 - PRESENT SITE USE

A. USE

	Acres
Rangeland & Woodland	6.928 acres
Irrigable land	0
Non-Irrigable land	6.928 acres
Commercial timber	0
Floodplain	0
Wetland	0
Riparian	0
Other:	0

3.3 - CULTURAL RESOURCES

A. CULTURAL RESOURCES/SURVEY

Cultural Resource Surveys were performed by MOAC, on 10-20-05.
Company Name *Date*

The consultant recommends clearance of the project as it is presently staked, and approved by BIA and UT Technicians.

Consultant

UT Technician

BIA Representative

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

4.0 - ENVIRONMENTAL IMPACTS

Acres

A. SURFACE ALTERATIONS:

1. Access road	3.598
2. Well site	3.296
3. Pipeline right-of-way	3.632
4. Total area disturbed	6.928

B. VEGETATION/LANDSCAPE

1. Production loss (AUM's)/year:	.29
2. Permanent scar on landscape:	<u>Minimal</u>
3. Potential impacts to T&E species:	<u>None</u>

C. SOIL/RANGE/WATERSHED

The area is presently used as rangeland. In recent years the area has been permitted for livestock grazing, but at the present time no permits have been issued for the area. This project will reduce livestock & wildlife grazing by approximately 0.29 AUM/year.

The area is not used as irrigated cropland and a water right has not been designated for the area.

D. WILDLIFE/THREATENED & ENDANGERED SPECIES

There will be an insignificant reduction of wildlife habitat and grazing for livestock. There will also be an increase in wildlife disturbance and poaching resulting from the additional traffic and people using the area.

There are no known impacts to Threatened or Endangered species but the area is important winter range for big game.

5.0 - MITIGATION STIPULATIONS

A. VEGETATION/LANDSCAPE

1. Before the site is abandoned the company will be required to restore the right-of-way to near its original state. The disturbed area will be reseeded with desirable perennial vegetation.
2. Noxious weeds will be controlled on all rights-of-way. If noxious weeds spread from the rights-of-way onto adjoining land, the company will also be responsible for their control.

B. SOILS/RANGE/WATERSHEDS

1. Soil erosion will be mitigated by reseeded all disturbed areas.
2. The pipeline will be constructed to lie on the soil surface, and the right-of-way will not be bladed or cleared of vegetation.

Where pipelines are constructed parallel to roads they may be welded on the road and then lifted from the road onto the right-of-way.

Where pipelines do not parallel roads but cross-country between stations, they shall be welded in place at wellsites or on access roads and then pulled between stations with a suitable piece of equipment. Traffic will be restricted along these areas so that the pipeline right-of-way will not be used as an access road.

C. DRILLING SYSTEM

An open drilling system shall be used. The reserve pit shall be lined with a synthetic leak proof liner. After the drilling operation is complete, excess fluids shall be removed from the reserve pit and either hauled to an approved disposal site or shall be used to drill other wells. When the fluids are removed the pit shall be backfilled a minimum of 3.0 feet below the soil surface elevation.

A closed drilling system shall be used in all flood plain areas, and other highly sensitive areas, as recommended by the Ute Tribe Technician, BIA and other agencies involved.

D. PRODUCTION SYSTEM

A closed production system shall be used. This means all produced water and oil field fluid wastes shall be contained in leak proof tanks. These fluids shall be disposed of in either approved injection wells or disposal pits.

E. WILDLIFE/VEGETATION/THREATENED & ENDANGERED SPECIES

No Threatened & Endangered species have been identified associated with this project. Therefore, no stipulations have been developed for their protection.

F. UTE TRIBAL REGULATIONS

1. Prior to commencing surveys or construction on the U&O Indian Reservation the operator, and any of its sub-contractors, shall acquire access permits and business permits from the Ute Indian Tribe.
2. Prior to the commencement of construction, the operator shall notify the Ute Tribal Department of Energy and Minerals of the date construction shall begin.

6.0 - UNAVOIDABLE ADVERSE IMPACTS

A. SURFACE ALTERATIONS

None of the adverse impacts listed in 5.0 above can be avoided in a practical manner except those which are mitigated in item 6.0 above.

B. RELATIONSHIP BETWEEN SHORT-TERM USE OF THE ENVIRONMENT VS LONG TERM PRODUCTIVITY.

1. Short Term: (Estimated 20 years) A total loss of production on the land and the associated environmental impacts will continue to influence the surrounding area for the productive life of the well.
2. Long Term: Standard policies provide for rehabilitation of rights-of-ways. After the land is rehabilitated, it is expected to return to its original productive capability. Normally, there will be no permanent scar left on the landscape.

C. IRREVERSIBLE AND IRRETRIEVABLE COMMITMENT

Oil and Gas are non-renewable resources, once they have been removed they can never be replaced.

7.0 - CUMULATIVE IMPACTS

A. FULL DEVELOPMENT

Each additional well drilled for development increases the soil erosion potential, reduces wildlife habitat and grazing, increases potential soil and geologic pollution resulting from salt loading, reduces the soil's potential to recover, and increases the potential of water pollution from produced waters and hydro-carbons. Therefore, strict conformance with the mitigation measures and recommendations in this document is emphasized to minimize the adverse environmental impacts.

8.0 - NEPA COMPLIANCE

A. RESEARCH/DOCUMENTATION

Based on available information, the proposed location in the following areas of environmental impacts has been cleared:

Listed Threatened & Endangered species	N. Mortenson
Critical wildlife habitat	N. Mortenson
Historical and cultural resources	Montgomery

9.0 - REMARKS

A. SURFACE PROTECTION/REHABILITATION

All essential surface protection and rehabilitation requirements are specified above.

Additional Stipulation: A qualified Archaeologist accompanied by a Tribal Technician shall monitor the road construction ~~the well pad~~ to a distance of 3000 ft from the well pad to ensure avoidance of the two archaeology sites.

10.0 - ADDITIONAL STIPULATIONS

- 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 understand 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 ROWs.
- **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 should be confined to the area examined and approved, and to the existing roadways and/or evaluated access routes.
- All personnel should 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 should 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-of-way, the company will notify the Ute Tribe Energy & Minerals Department, so that a Tribal Technician can verify Affidavit of Completion.

Additional Stipulations: Pit liner with felt.

2' berm around location. Keep buffer of trees around location. Culverts as needed. Bar ditch on up hill side of road. Olive black paint for equipment. Galvanized (metal) containers for truck battery. Seed mix 3# shade cover, 3# Indian rice grass, 3# Nozzle and thread, and 4# Hycor Crested wheat grass 1

11.0 - RECOMMENDATIONS

A. APPROVAL/DISAPPROVAL

We recommend APPROVAL DISAPPROVAL of the proposed action as outlined in item 1.0 above.

Date: 12-7-05

Alvin Ignacio
 UT Energy & Minerals Technician
 Ute Indian Tribe

Date: 12-8-05

Lynn Becker
 Lynn Becker, Land Division Manager
 UT Energy & Minerals Department

Date: 12/7/05

James F. Ashley
 BIA Representative
 Uintah and Ouray Agency

11.0 - DECLARATION

A. APPROVAL

It has been determined that the proposed action is not a federal action significantly affecting the quality of the environment as it would require the preparation of an environmental impact statement in accordance with Section 102(2)(c) of the National Environmental Policy Act of 1969 (42 USC 4331)(2)(C).

Date: 12/08/05

Charles A. Miller
 Superintendent, Uintah and Ouray Agency

12.0 - CONSULTATION

A. REPRESENTATIVES/ORGANIZATION

Agency/Company Name	Name	Initials
QEP UINTA BASIN INC	<i>Jan Peterson</i>	<i>JN</i>
QEP UINTA BASIN INC	<i>Randy Fennell</i>	<i>R.F.</i>
PONDEROSA CONSTRUCTION	<i>Randy Fennell</i>	<i>RF</i>
PONDEROSA CONSTRUCTION	<i>Randy Fennell</i>	<i>RF</i>

GRANT OF EASEMENT FOR RIGHT-OF-WAY

ROW Serial No. H62-2006-049
BIA TRANSACTION NO.: 687-13-00049-06
PIPELINE CORRIDOR – **FR 11P-36-14-19**

KNOW ALL MEN BY THESE PRESENTS:

That the **UNITED STATES OF AMERICA**, as trustee for UTE INDIAN TRIBE acting by and through the **Superintendent of the Uintah and Ouray Agency**, as “Grantor”, under authority contained in 209 DM 8 (39 F.R. 32166), 10 BIAM 3 (34 F.R.637) 230 DM 3 (20 F.R. 992) and Sec. 2.11 (34 F.R. 11109), pursuant and subject to the provisions of the Act of February 5, 1948 Stat. 17, (U.S.C. 323-328), and Part 169, Title 25, Code of Federal Regulations in consideration of:

ZERO, (\$0.00) - As the terms of Tribal Resolutions 04-196 and 04-201, and letter agreement between the Ute Indian Tribe and Questar dated August 27, 2004; which is acknowledged, does hereby grant to:

Questar Exploration & Production Co.(Uinta Basin), P.O. Box 455, Vernal, Utah 84078
Its successors and assignees hereinafter referred to as “Grantee” an easement for right-of-way.

In accordance with the attached survey plat: **For the FR 11P-36-14-19**
G.L.O. Plat No. 22827-B, dated 10/18/2005 for Section 35, 36, Township 14 South, Range 19 East,
S.L.B.&M. for the following:

Pipeline: 4” Schedule 20, 0.219 Wall, High-Pressure Steel Surface Line located in the NW/4SW/4 of Section 36; and the NE/4SE/4, E/2NE/4 of Section 35, being 5,274.07’ in length, and 30’ in width, and 3.632 acres, m/l,
Total ROW acreage 3.632, m/l

Within the exterior boundaries of the Uintah & Ouray Reservation for the following purposes namely: The construction, maintenance, repair, inspection, protection, operation and removal of the **FR 11P-36-14-19** together with the necessary appurtenances thereto, on, over and across the land embraced within the right-of-way located in Uintah County, Utah.

TO HAVE AND TO HOLD said easement and right-of-way unto the Grantee and unto its successors and assigns, together with prior existing right or adverse claim and is for the length of **TWENTY (20) YEARS**, beginning **January 25, 2006**, so long as easement shall actually be used for the purposes above specified. Consideration may be increased at five (5) year intervals if necessary to reflect the existing market prices.

This right-of-way shall be terminable in whole or in part by the grantor for any of the following causes upon 30 days’ written notice and failure to the Grantee within said notice period to correct the basis of termination (25 CFR 169.20)

- A. Failure to comply with any term or condition of the grant or applicable regulations.
- B. A nonuse of the right-of-way for a consecutive two-year period for the purpose for which it was granted.
- C. An abandonment of the right-of-way.
- D. Failure of the Grantee to file with the Grantor an Affidavit of Completion pursuant to 25 CFR 169.16; Upon completion of construction, or in any case within two years of date of this easement granted in the case construction does not begin or is completed.

The conditions of this easement shall extend to and be binding upon and shall insure to the benefit of the successors and assignees of the Grantee. It has been determined that approval of this document is not such a major federal action significantly affecting the quality of the human environment as to required the preparation of an environmental impact statement under Section 102 (2)(c) of the National Environmental Policy Act of 1969 (42 U.S.C. 4332) (2) (c).

IN WITNESS WHEREOF, Grantor has executed this Grant of Easement for Right-of-Way this **25th** day of **January, 2006** pursuant to authority delegated to the Assistant Secretary – Indian Affairs by 209 DM 8, 230 DM 1, and to the Western Regional Director by 3 IAM 4 (Release No. 99-03), and to the Superintendent/Field Representatives by 10 BIAM 11, as amended by Western Regional Release No. 97-1 an any further delegation needed to effectuate the reorganization embodied in DM Releases dated April, 2003.

UNITED STATES OF AMERICA
U.S. Department of the Interior
Uintah & Ouray Agency
Fort Duchesne, UT 84026

By: *Charles A. Miller*
Superintendent

ENVIRONMENTAL ANALYSIS SITE SPECIFIC

STIPS

WELL NO: FR 11P-36-14-19

Sec. 36, T14S, R19E

Legal Description:

Surface: NWSW Sec 36, T14S, R19E

Bottom Hole: NESW Sec 36 T14S, R19E

COMPANY: QEP, UINTA BASIN INC.

Date: 12-07-05

1.0 - PROPOSED ACTION

<input checked="" type="checkbox"/>	ROAD ACCESS	# of feet	5224.95 feet
<input checked="" type="checkbox"/>	WELL PAD	# of feet	3.296 acres
<input checked="" type="checkbox"/>	PIPELINE	# of feet	5274.07 feet
<input type="checkbox"/>	POWERLINE	# of feet	
<input type="checkbox"/>	CORRIDOR ROW	# of feet	
<input type="checkbox"/>	Other		

Notes:

2.0 - ALTERNATIVE ACTIONS

- A. ALTERNATIVE CONSIDERED: The proposed action is the preferred alternative.
- B. NO ACTION: Under the no action alternative, the proposed action would not be implemented.
- C. OTHER: NA

3.0 - SITE SPECIFIC SURVEY

A. SITE DESCRIPTION

1. Elevation (feet)	7118.3 feet
2. Annual precipitation (inches)	6" TO 8" 8-10"
3. Topography	<i>gently sloped</i>
4. Soil	<i>sandy, gravelly loam</i>

5. Est. Infiltration Rate	Low	<input checked="" type="checkbox"/> Moderate	High
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B. VEGETATION

1. Habitat type is:	<i>Subalpine desert shrub</i>							
2. Percent Ground Cover:	<i>75%</i>							
3. Vegetation consists of:	%	Grasses	<i>25%</i>	Shrubs	%	Forbs	<i>50%</i>	Trees

The main variety of grasses are

<input type="checkbox"/>	blue grama	<input type="checkbox"/>	bluebunch wheat	<input type="checkbox"/>	squirrel tail	<input type="checkbox"/>	needle & thread
<input type="checkbox"/>	poa	<input type="checkbox"/>	Indian rice	<input type="checkbox"/>	cheat Grass	<input type="checkbox"/>	galletta
<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>	None

Shrubs consist of:

<input type="checkbox"/>	prickly pear	<input type="checkbox"/>	spiny hopsage	<input checked="" type="checkbox"/>	rabbit brush	<input type="checkbox"/>	Fourwing salt bush
<input type="checkbox"/>	Spiny horse bush	<input type="checkbox"/>	Grease wood	<input type="checkbox"/>	Snake weed	<input type="checkbox"/>	Sand sage
<input type="checkbox"/>	Wild buckwheat	<input checked="" type="checkbox"/>	<i>Big</i> Black sage	<input type="checkbox"/>		<input type="checkbox"/>	None

Forbs consist of:

<input type="checkbox"/>	Annuals	<input type="checkbox"/>	Lamb quaters	<input type="checkbox"/>	Gilia	<input type="checkbox"/>	Penstamen
<input type="checkbox"/>	Mustard	<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>	None

Trees consist of:

<input checked="" type="checkbox"/>	Pinion pine	<input checked="" type="checkbox"/>	Utah juniper	<input type="checkbox"/>	Upland pinion juniper	<input type="checkbox"/>	None
<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>	

4. Observed T&E species:	<i>none</i>
5. Potential For T&E species:	<i>low</i>
6. Observed Noxious Weeds:	<i>none</i>

C. AFFECTED ENVIRONMENT

1. There are no surface damages as a result of the initial survey.

3.1 - WILDLIFE

A. POTENTIAL SITE UTILIZATION

1. Big Game	<input checked="" type="checkbox"/> Elk	<input checked="" type="checkbox"/> Mule Deer	<input type="checkbox"/> Antelope	<input checked="" type="checkbox"/> Other: <i>1 Buffalo</i>
2. Small Game	<input checked="" type="checkbox"/> Cotton Tail Rabbit	<input type="checkbox"/> Dove	<input type="checkbox"/> Quail	<input type="checkbox"/> Other
3. Raptors	<input type="checkbox"/> Golden Eagles	<input checked="" type="checkbox"/> Redtail Hawk	<input type="checkbox"/> Kestrel	<input type="checkbox"/> Other
4. Non-Game Wildlife	<input checked="" type="checkbox"/> Cattle	<input type="checkbox"/> Coyote	<input type="checkbox"/> Fox	<input checked="" type="checkbox"/> Other
	<input checked="" type="checkbox"/> Song birds	<input checked="" type="checkbox"/> Black Tail Jack Rabbit		<i>Wild horses</i>

5. T&E Species

none

3.2 - PRESENT SITE USE

A. USE

	Acres
Rangeland & Woodland	6.928 acres
Irrigable land	0
Non-Irrigable land	6.928 acres
Commercial timber	0
Floodplain	0
Wetland	0
Riparian	0
Other:	0

3.3 - CULTURAL RESOURCES

A. CULTURAL RESOURCES/SURVEY

Cultural Resource Surveys were performed by MOAC, on 10-20-05.
Company Name *Date*

The consultant recommends clearance of the project as it is presently staked, and approved by BIA and UT Technicians.

Consultant

UT Technician

BIA Representative

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

4.0 - ENVIRONMENTAL IMPACTS

A. SURFACE ALTERATIONS:

	Acres
1. Access road	3.598
2. Well site	3.296
3. Pipeline right-of-way	3.632
4. Total area disturbed	6.928

B. VEGETATION/LANDSCAPE

1. Production loss (AUM's)/year:	.29
2. Permanent scar on landscape:	minimal
3. Potential impacts to T&E species:	none

C. SOIL/RANGE/WATERSHED

The area is presently used as rangeland. In recent years the area has been permitted for livestock grazing, but at the present time no permits have been issued for the area. This project will reduce livestock & wildlife grazing by approximately 0.29 AUM/year.

The area is not used as irrigated cropland and a water right has not been designated for the area.

D. WILDLIFE/THREATENED & ENDANGERED SPECIES

There will be an insignificant reduction of wildlife habitat and grazing for livestock. There will also be an increase in wildlife disturbance and poaching resulting from the additional traffic and people using the area.

There are no known impacts to Threatened or Endangered species but the area is important winter range for big game.

5.0 - MITIGATION STIPULATIONS

A. VEGETATION/LANDSCAPE

1. Before the site is abandoned the company will be required to restore the right-of-way to near its original state. The disturbed area will be reseeded with desirable perennial vegetation.
2. Noxious weeds will be controlled on all rights-of-way. If noxious weeds spread from the rights-of-way onto adjoining land, the company will also be responsible for their control.

B. SOILS/RANGE/WATERSHEDS

1. Soil erosion will be mitigated by reseeded all disturbed areas.
2. The pipeline will be constructed to lie on the soil surface, and the right-of-way will not be bladed or cleared of vegetation.

Where pipelines are constructed parallel to roads they may be welded on the road and then lifted from the road onto the right-of-way.

Where pipelines do not parallel roads but cross-country between stations, they shall be welded in place at wellsites or on access roads and then pulled between stations with a suitable piece of equipment. Traffic will be restricted along these areas so that the pipeline right-of-way will not be used as an access road.

C. DRILLING SYSTEM

An open drilling system shall be used. The reserve pit shall be lined with a synthetic leak proof liner. After the drilling operation is complete, excess fluids shall be removed from the reserve pit and either hauled to an approved disposal site or shall be used to drill other wells. When the fluids are removed the pit shall be backfilled a minimum of 3.0 feet below the soil surface elevation.

A closed drilling system shall be used in all flood plain areas, and other highly sensitive areas, as recommended by the Ute Tribe Technician, BIA and other agencies involved.

D. PRODUCTION SYSTEM

A closed production system shall be used. This means all produced water and oil field fluid wastes shall be contained in leak proof tanks. These fluids shall be disposed of in either approved injection wells or disposal pits.

E. WILDLIFE/VEGETATION/THREATENED & ENDANGERED SPECIES

No Threatened & Endangered species have been identified associated with this project. Therefore, no stipulations have been developed for their protection.

F. UTE TRIBAL REGULATIONS

1. Prior to commencing surveys or construction on the U&O Indian Reservation the operator, and any of its sub-contractors, shall acquire access permits and business permits from the Ute Indian Tribe.
2. Prior to the commencement of construction, the operator shall notify the Ute Tribal Department of Energy and Minerals of the date construction shall begin.

6.0 - UNAVOIDABLE ADVERSE IMPACTS

A. SURFACE ALTERATIONS

None of the adverse impacts listed in 5.0 above can be avoided in a practical manner except those which are mitigated in item 6.0 above.

B. RELATIONSHIP BETWEEN SHORT-TERM USE OF THE ENVIRONMENT VS LONG TERM PRODUCTIVITY.

1. Short Term: (Estimated 20 years) A total loss of production on the land and the associated environmental impacts will continue to influence the surrounding area for the productive life of the well.
2. Long Term: Standard policies provide for rehabilitation of rights-of-ways. After the land is rehabilitated, it is expected to return to its original productive capability. Normally, there will be no permanent scar left on the landscape.

C. IRREVERSIBLE AND IRRETRIEVABLE COMMITMENT

Oil and Gas are non-renewable resources, once they have been removed they can never be replaced.

7.0 - CUMULATIVE IMPACTS

A. FULL DEVELOPMENT

Each additional well drilled for development increases the soil erosion potential, reduces wildlife habitat and grazing, increases potential soil and geologic pollution resulting from salt loading, reduces the soil's potential to recover, and increases the potential of water pollution from produced waters and hydro-carbons. Therefore, strict conformance with the mitigation measures and recommendations in this document is emphasized to minimize the adverse environmental impacts.

8.0 - NEPA COMPLIANCE

A. RESEARCH/DOCUMENTATION

Based on available information, the proposed location in the following areas of environmental impacts has been cleared:

Listed Threatened & Endangered species	J. Mortenson
Critical wildlife habitat	J. Mortenson
Historical and cultural resources	Montgomery

9.0 - REMARKS

A. SURFACE PROTECTION/REHABILITATION

All essential surface protection and rehabilitation requirements are specified above.

Additional Stipulation: A qualified Archaeologist accompanied by a Tribal Technician shall monitor the road construction ~~the~~ well pad to a distance of 3000 ft from the well pad to ensure avoidance of the two archaeology sites.

10.0 - ADDITIONAL STIPULATIONS

- 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 understand 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 ROWs.
- **The Company shall assure the Ute Tribe that 'ALL CONTRACTORS, INCLUDING SUB-CONTRACTORS, LEASING CONSTRUCTORS, 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 should be confined to the area examined and approved, and to the existing roadways and/or evaluated access routes.
- All personnel should 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 should 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-of-way, the company will notify the Ute Tribe Energy & Minerals Department, so that a Tribal Technician can verify Affidavit of Completion.

Additional Stipulations: Pit liner with felt.

I form around location. Keep buffer of trees around location. Culverts as needed. Bar ditch on up hill side of road. Olive black paint for equipment. Galvanized (metal) container for truck battery. Seed with 3# shadscale, 3# Indian rice grass, 3# Nozzle and thread, and 4# Hycrest Crested wheat grass.

11.0 - RECOMMENDATIONS

A. APPROVAL/DISAPPROVAL

We recommend APPROVAL DISAPPROVAL of the proposed action as outlined in item 1.0 above.

Date: 12-7-05

Alvin Isaac
 UT Energy & Minerals Technician
 Ute Indian Tribe

Date: 12-8-05

Lynn Becker
 Lynn Becker, Land Division Manager
 UT Energy & Minerals Department

Date: 12/7/05

James F. Ashley
 BIA Representative
 Uintah and Ouray Agency

11.0 - DECLARATION

A. APPROVAL

It has been determined that the proposed action is not a federal action significantly affecting the quality of the environment as it would require the preparation of an environmental impact statement in accordance with Section 102(2)(c) of the National Environmental Policy Act of 1969 (42 USC 4331)(2)(C).

Date: 12/08/05

Christopher A. Miller
 Superintendent, Uintah and Ouray Agency

12.0 - CONSULTATION

A. REPRESENTATIVES/ORGANIZATION

Agency/Company Name	Name	Initials
QEP UINTA BASIN INC	<i>Jan P. Bohn</i>	<i>JB</i>
QEP UINTA BASIN INC	<i>Randy Purnell</i>	<i>RP</i>
PONDEROSA CONSTRUCTION	<i>Randy Purnell</i>	<i>RP</i>
PONDEROSA CONSTRUCTION	<i>Ray Purnell</i>	<i>RP</i>

QUESTAR EXPLR. & PROD.

FR #11P-36-14-19

LOCATED IN UINTAH COUNTY, UTAH
SECTION 36, T14S, R19E, S.L.B.&M.

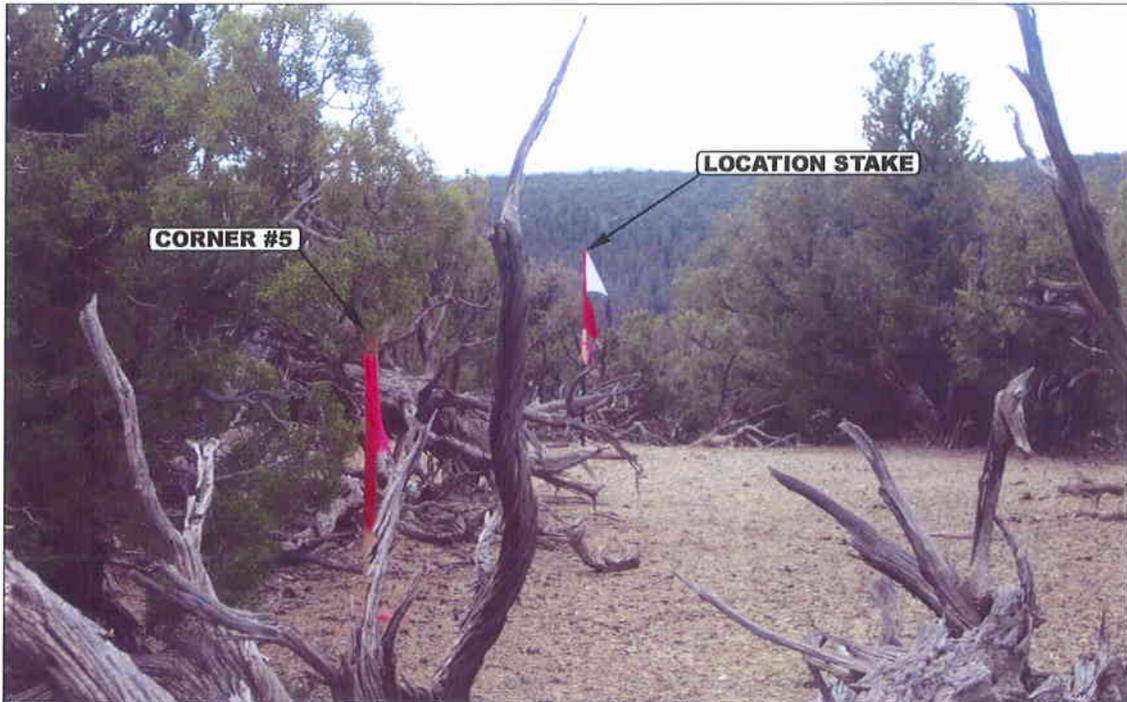


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: SOUTHWESTERLY



PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: WESTERLY



- Since 1964 -

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

LOCATION PHOTOS

10 03 05
MONTH DAY YEAR

PHOTO

TAKEN BY: G.O.

DRAWN BY: B.C.

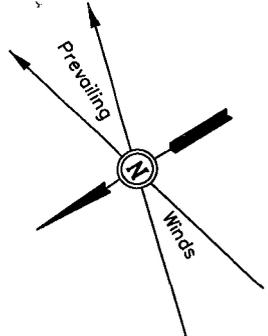
REVISED: 00-00-00

QUESTAR EXPLORATION & PROD.

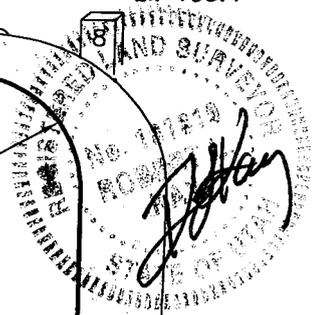
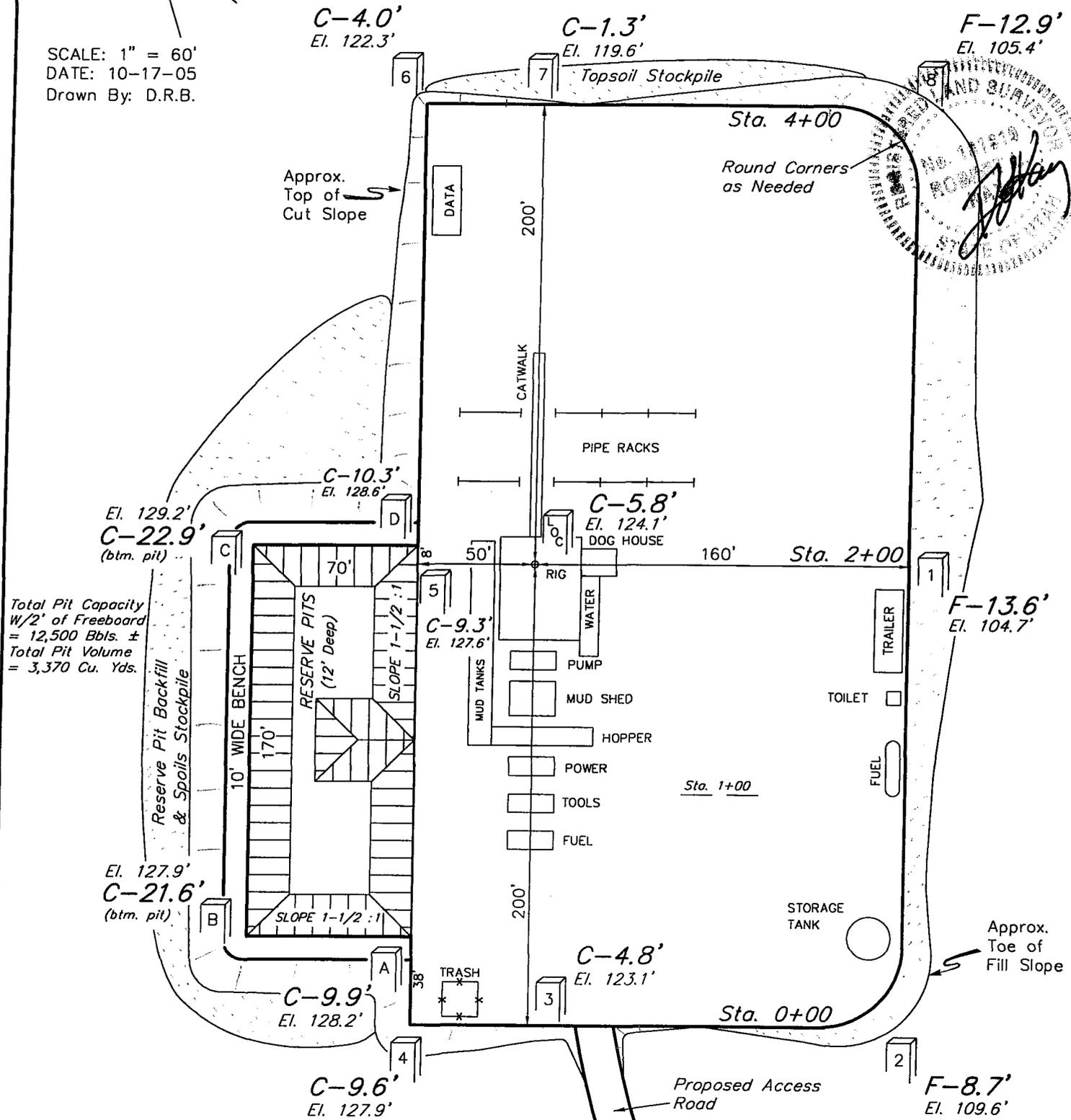
FIGURE #1

LOCATION LAYOUT FOR

FR #11P-36-14-19
SECTION 36, T14S, R19E, S.L.B.&M.
1746' FSL 287' FWL



SCALE: 1" = 60'
DATE: 10-17-05
Drawn By: D.R.B.

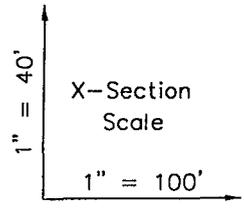


Total Pit Capacity
W/2' of Freeboard
= 12,500 Bbls. ±
Total Pit Volume
= 3,370 Cu. Yds.

Elev. Ungraded Ground at Location Stake = 7124.1'
Elev. Graded Ground at Location Stake = 7118.3'

QUESTAR EXPLORATION & PROD.
 TYPICAL CROSS SECTIONS FOR

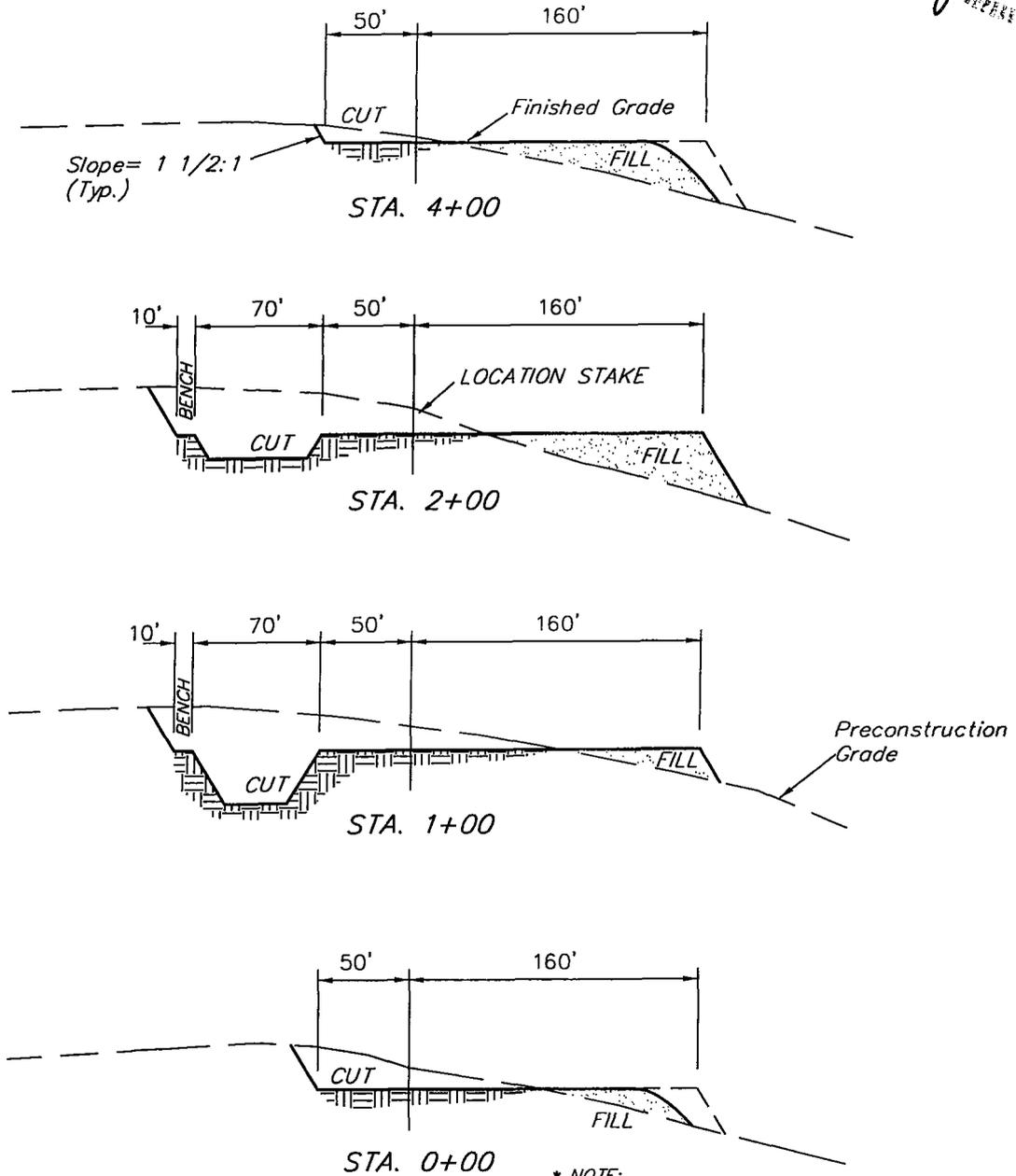
FIGURE #2



FR #11P-36-14-19
 SECTION 36, T14S, R19E, S.L.B.&M.
 1746' FSL 287' FWL



DATE: 10-17-05
 Drawn By: D.R.B.

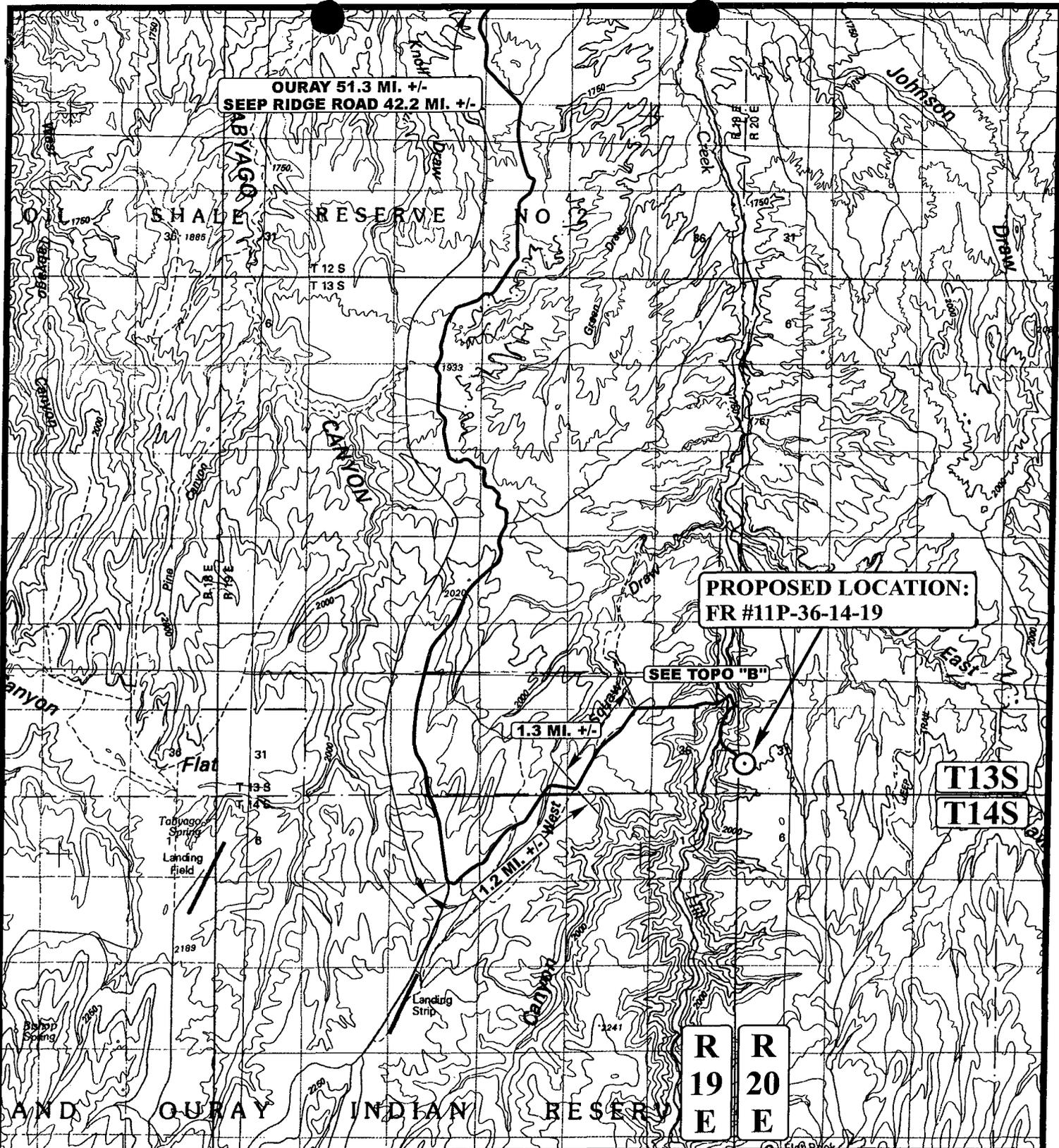


APPROXIMATE YARDAGES

CUT	
(12") Topsoil Stripping	= 4,560 Cu. Yds.
Remaining Location	= 15,130 Cu. Yds.
TOTAL CUT	= 19,690 CU.YDS.
FILL	= 13,440 CU.YDS.

* NOTE:
 FILL QUANTITY INCLUDES
 5% FOR COMPACTION

EXCESS MATERIAL	= 6,250 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	= 6,250 Cu. Yds.
EXCESS UNBALANCE (After Rehabilitation)	= 0 Cu. Yds.



OURAY 51.3 MI. +/-
SEEP RIDGE ROAD 42.2 MI. +/-

PROPOSED LOCATION:
FR #11P-36-14-19

SEE TOPO "B"

1.3 MI. +/-

1.2 MI. +/- West

T13S
T14S

R 19 E
R 20 E

LEGEND:

⊙ PROPOSED LOCATION

QUESTAR EXPLR. & PROD.

FR #11P-36-14-19
SECTION 36, T14S, R19E, S.L.&B.M.
1746' FSL 287' FWL



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TOPOGRAPHIC
MAP

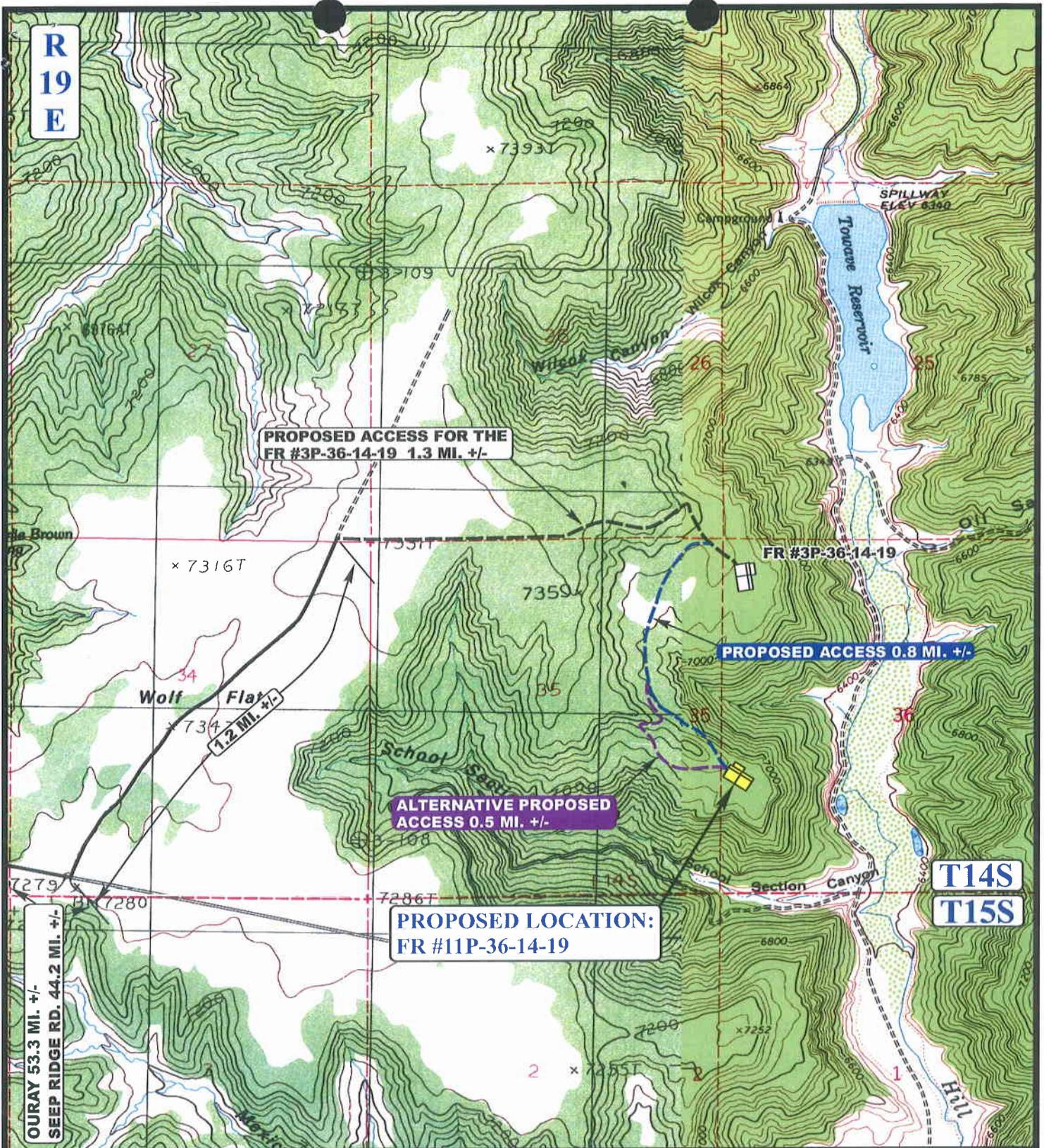
10 03 05
MONTH DAY YEAR

SCALE: 1:100,000

DRAWN BY: B.C.

REVISED: 00-00-00





LEGEND:

- EXISTING ROAD
- PROPOSED ACCESS ROAD
- EXISTING 2-TRACK NEEDS UPGRADED



QUESTAR EXPLR. & PROD.

FR #11P-36-14-19
 SECTION 36, T14S, R19E, S.L.&B.M.
 1743' FSL 282' FWL



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TOPOGRAPHIC
MAP

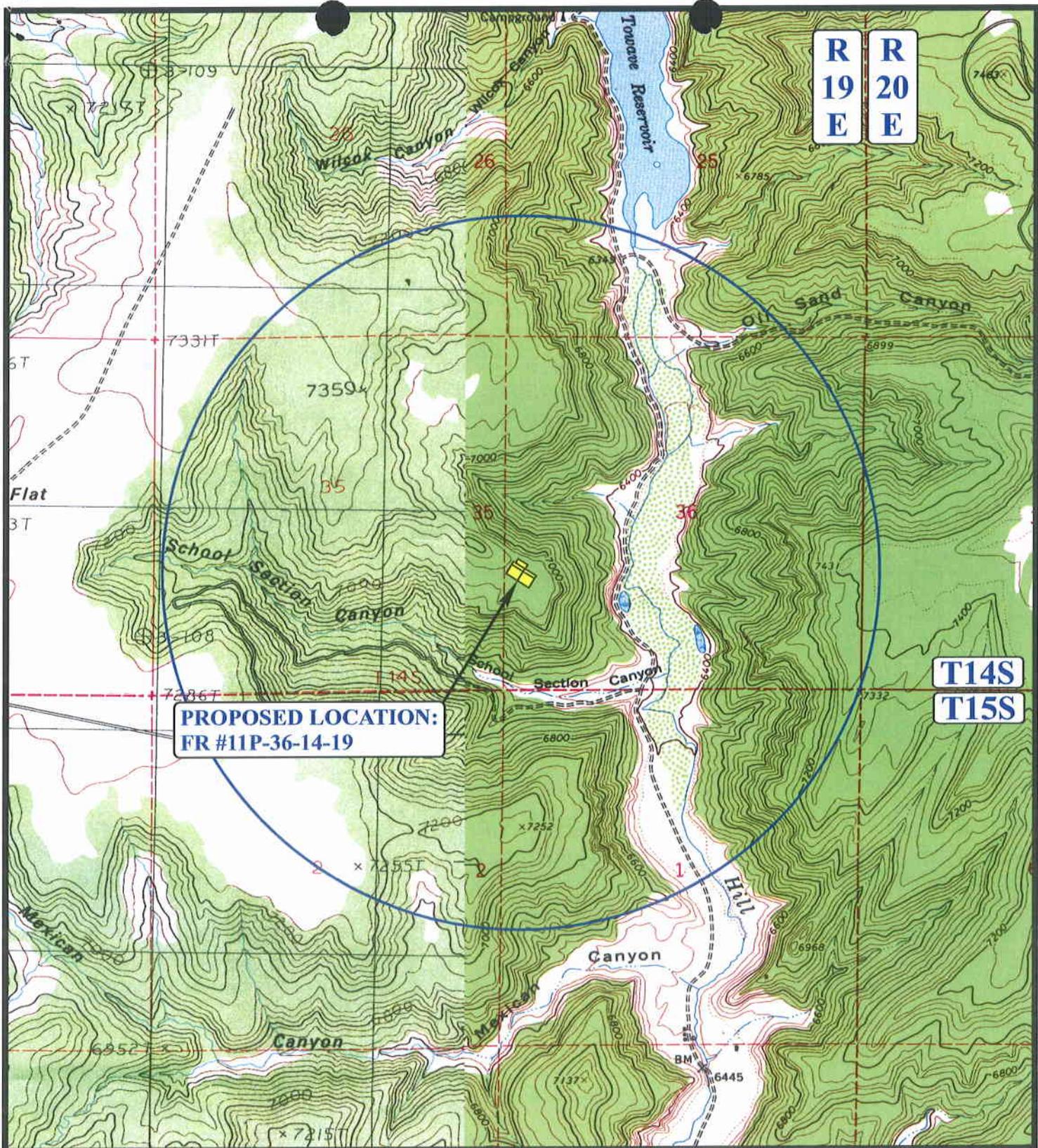
10 03 05
 MONTH DAY YEAR

SCALE: 1" = 2000'

DRAWN BY: B.C.

REV: 10-11-05 S.L.





LEGEND:

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



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QUESTAR EXPLR. & PROD.

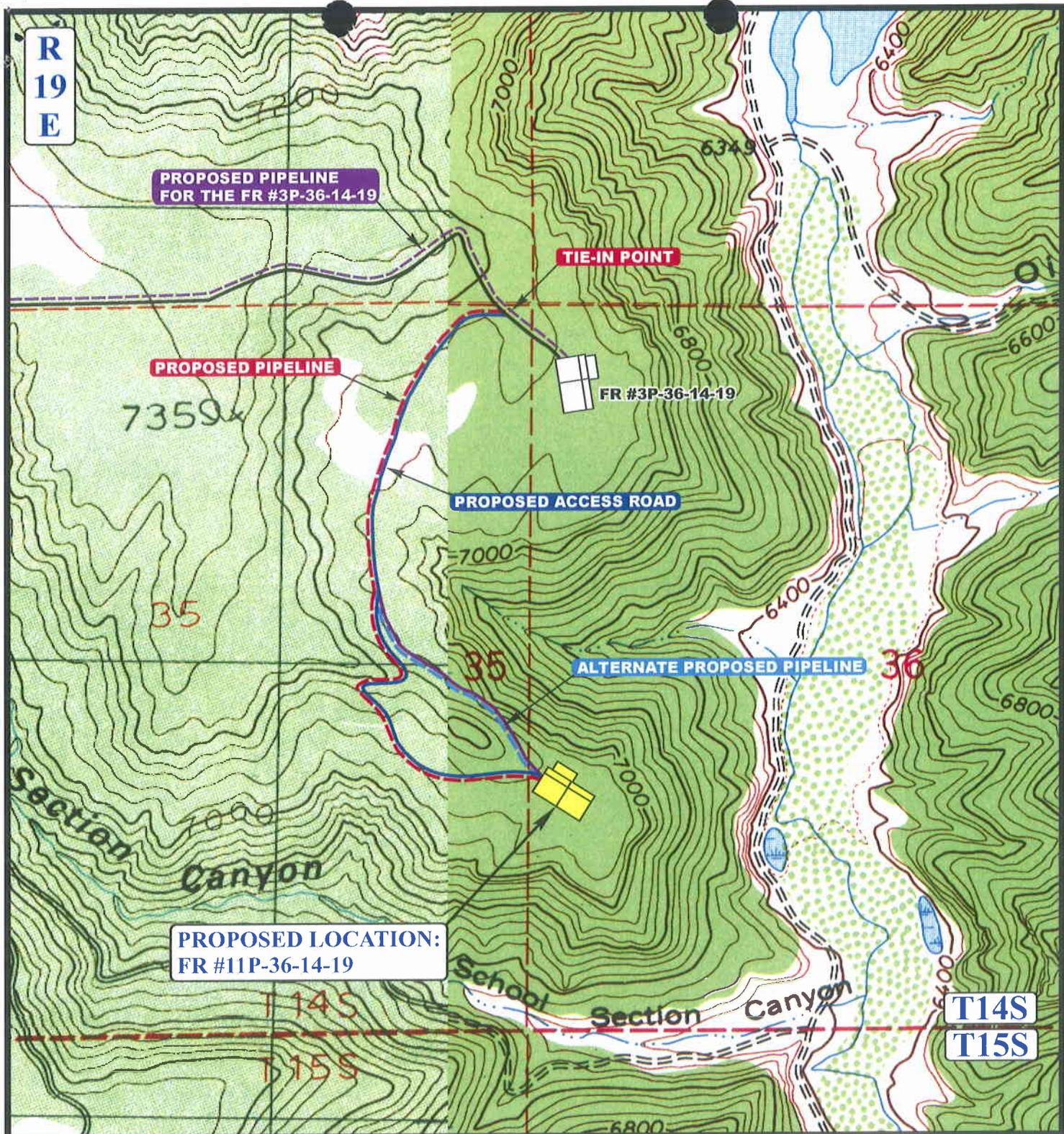
FR #11P-36-14-19
SECTION 36, T14S, R19E, S.L.&B.M.
1746' FSL 287' FWL

TOPOGRAPHIC
MAP

10 03 05
 MONTH DAY YEAR

SCALE: 1" = 2000' DRAWN BY: B.C. REVISED: 00-00-00





APPROXIMATE TOTAL PIPELINE DISTANCE = 5300' +/-

LEGEND:

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



QUESTAR EXPLR. & PROD.

FR #11P-36-14-19
 SECTION 36, T14S, R19E, S.L.&B.M.
 1743' FSL 282' FWL



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

**TOPOGRAPHIC
 MAP**

10 03 05
 MONTH DAY YEAR

SCALE: 1" = 1000'

DRAWN BY: B.C.

REVISED: 00-00-00



**WORKSHEET
APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 07/07/2006

API NO. ASSIGNED: 43-047-38349

WELL NAME: FR 11P-36-14-19

OPERATOR: QEP UINTA BASIN, INC. (N2460)

CONTACT: JAN NELSON

PHONE NUMBER: 435-781-4331

PROPOSED LOCATION:

NE SW

NWSW 36 140S 190E

SURFACE: 1746 FSL 0287 FWL

BOTTOM: 2400 FSL 2400 FWL

COUNTY: UINTAH

LATITUDE: 39.55340 LONGITUDE: -109.7469

UTM SURF EASTINGS: 607662 NORTHINGS: 4378732

FIELD NAME: UNDESIGNATED (2)

INSPECT LOCATN BY: / /		
Tech Review	Initials	Date
Engineering	DKD	7/28/06
Geology		
Surface		

LEASE TYPE: 3 - State

LEASE NUMBER: ML-49279

SURFACE OWNER: 2 - Indian

PROPOSED FORMATION: WINGT

COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

- Plat
- Bond: Fed[] Ind[] Sta[] Fee[]
(No. 965003033)
- Potash (Y/N)
- Oil Shale 190-5 (B) or 190-3 or 190-13
- Water Permit
(No. 49-2183)
- RDCC Review (Y/N)
(Date: _____)
- Fee Surf Agreement (Y/N)
- 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- *Leasing approved*
- 2- *Spacing slip*
- 3- *Cement Step #3 (9 5/8" intermediate back to surface, 5 1/2" production back to ± 3600' MD)*
- 4- *STATEMENT OF BASIS*

T14S R19E

T14S R20E

FR 3P-36-14-19

BHL
3P-36-14-19

BHL
IP-36-14-19

FLAT ROCK FIELD

BHL
IP-36-14-19

FR 11P-36-14-19

BHL
9P-36-14-19

FR 9P-36-14-19

T15S R19E

T15S R20E

BHL
IP-145-19

WI IP-145-19

OPERATOR: QEP UINTA BASIN INC (N2460)

SEC: 36 T. 14S R. 19E

FIELD: UNDESIGNATED (002)

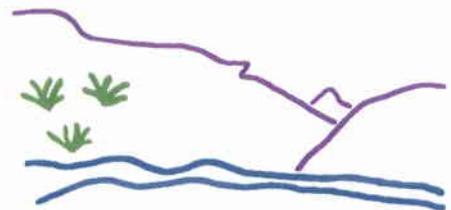
COUNTY: UINTAH

SPACING: R649-3-11 / DIRECTIONAL DRILLING

- 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



PREPARED BY: DIANA WHITNEY
DATE: 12-JULY-2006

**DIVISION OF OIL, GAS AND MINING
APPLICATION FOR PERMIT TO DRILL
STATEMENT OF BASIS**

OPERATOR: Q.E.P. UINTA BASIN, INC.
WELL NAME & NUMBER: FR 11P-36-14-19
API NUMBER: 43-047-338349
LOCATION: 1/4,1/4 NW/SNW Sec: 36 TWP: 14S RNG: 19E 1746' FSL 287' FWL

Geology/Ground Water:

QEP proposes to set 500' of surface casing at this location. The depth to the base of the moderately saline water at this location is estimated to be at a depth of 4,000'. A search of Division of Water Rights records shows no water wells within a 10,000 foot radius of the center of Section 36. This location lies on the Green River Formation. The proposed location is in a recharge area for the aquifers of the upper Green River formation and fresh water can be expected to be found in the upper Green River. The proposed casing and cement should adequately isolate fresh water from more saline waters down hole.

Reviewer: Brad Hill **Date:** 09/07/06

Surface:

The surface rights at the proposed location are owned by the Ute Indian Tribe. The operator is responsible for obtaining all required permits and rights-of-way prior to making any surface disturbance or drilling the well.

Reviewer: Brad Hill **Date:** 09/07/06

Conditions of Approval/Application for Permit to Drill:

None.

Casing Schematic

Green River

Surface

13-3/8"
MW 8.4
Frac 19.3

TOC @ 0.
Surface
500. MD
500. TVD

✓ 60/15% Washout

BHP
 $(0.52)(9.5)(11,600) = 5829$
Anticipate 5522

9-5/8"
MW 8.6
Frac 19.3

2050 absatch
3349 TOC Tail ✓ 60/15% Washout
Bring to surface

G_w
 $(.12)(11,800) = 1416$

MAASP = 4413

TOC @ 3831.
Intermediate
4100. MD
4100. TVD

BOPE - 5,000 ✓

6217 Mancos

Surf csg - 1730
70% = 1211

Max pressure @ Surf csg shoe = 1041
✓ Test to 1211# (as proposed)
(± 1000 psi surface press.)

✓ 40% Washout
Bring into intermediate

Int csg - 3950
70% = 2765

Max pressure @ Int csg shoe = 4135
✓ Test to 2765# (proposed 1500)
(± 1000 psi surface press.)

10510 Dakota

11306 TOC Tail

✓ Adequate DCS 7/20/06

5-1/2"
MW 9.5

Production
12280. MD
11800. TVD

Well name:	07-06 QEP FR 11P-36-14-19	
Operator:	Enduring Resource, LLC	
String type:	Surface	Project ID: 43-047-38349
Location:	Uintah County	

<p>Design parameters:</p> <p><u>Collapse</u> Mud weight: 8.400 ppg Design is based on evacuated pipe.</p> <p><u>Burst</u> Max anticipated surface pressure: 440 psi Internal gradient: 0.120 psi/ft Calculated BHP: 500 psi No backup mud specified.</p>	<p>Minimum design factors:</p> <p><u>Collapse:</u> Design factor: 1.125</p> <p><u>Burst:</u> Design factor: 1.00</p> <p><u>Tension:</u> 8 Round STC: 1.80 (J) 8 Round LTC: 1.80 (J) Buttress: 1.60 (J) Premium: 1.50 (J) Body yield: 1.50 (B)</p> <p>Tension is based on buoyed weight. Neutral point: 438 ft</p>	<p>Environment:</p> <p>H2S considered? No Surface temperature: 75 °F Bottom hole temperature: 82 °F Temperature gradient: 1.40 °F/100ft Minimum section length: 500 ft</p> <p>Cement top: Surface</p> <p>Non-directional string.</p> <p>Re subsequent strings: Next setting depth: 4,100 ft Next mud weight: 8,600 ppg Next setting BHP: 1,832 psi Fracture mud wt: 19,250 ppg Fracture depth: 500 ft Injection pressure: 500 psi</p>
--	--	---

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	500	13.375	48.00	H-40	ST&C	500	500	12.59	46.9

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	218	740	3.394	500	1730	3.46	21	322	15.31 J

Prepared by: Clinton Dworshak
Utah Div. of Oil & Mining

Phone: 801-538-5280
FAX: 801-359-3940

Date: July 12, 2006
Salt Lake City, Utah

Remarks:
Collapse is based on a vertical depth of 500 ft, a mud weight of 8.4 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.

Well name:	07-06 QEP FR 11P-36-14-19	
Operator:	Enduring Resource, LLC	Project ID:
String type:	Intermediate	43-047-38349
Location:	Uintah County	

Design parameters:	Minimum design factors:	Environment:
Collapse	Collapse:	H2S considered? No
Mud weight: 8.600 ppg	Design factor 1.125	Surface temperature: 75 °F
Design is based on evacuated pipe.		Bottom hole temperature: 132 °F
		Temperature gradient: 1.40 °F/100ft
		Minimum section length: 500 ft
	Burst:	Cement top: 298 ft
	Design factor 1.00	
Burst	Tension:	Non-directional string.
Max anticipated surface pressure: 3,608 psi	8 Round STC: 1.80 (J)	
Internal gradient: 0.120 psi/ft	8 Round LTC: 1.80 (J)	
Calculated BHP 4,100 psi	Buttress: 1.60 (J)	
No backup mud specified.	Premium: 1.50 (J)	
	Body yield: 1.50 (B)	Re subsequent strings:
	Tension is based on buoyed weight.	Next setting depth: 11,800 ft
	Neutral point: 3,576 ft	Next mud weight: 9.500 ppg
		Next setting BHP: 5,823 psi
		Fracture mud wt: 19.250 ppg
		Fracture depth: 4,100 ft
		Injection pressure: 4,100 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	4100	9.625	40.00	J-55	ST&C	4100	4100	8.75	326.1

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	1832	2570	1.403	4100	3950	0.96	143	452	3.16 J

Prepared by: Clinton Dworshak
 Utah Div. of Oil & Mining
 Phone: 801-538-5280
 FAX: 801-359-3940
 Date: July 12, 2006
 Salt Lake City, Utah

Remarks:
 Collapse is based on a vertical depth of 4100 ft, a mud weight of 8.6 ppg. The casing is considered to be evacuated for collapse purposes.
 Collapse strength is based on the Westcott, Dunlop & Kemier method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.

Well name:	07-06 QEP FR 11P-36-14-19	
Operator:	Enduring Resource, LLC	Project ID:
String type:	Production	43-047-38349
Location:	Uintah County	

Design parameters:

Collapse
Mud weight: 9.500 ppg
Design is based on evacuated pipe.

Burst
Max anticipated surface pressure: 1,736 psi
Internal gradient: 0.346 psi/ft
Calculated BHP: 5,823 psi

No backup mud specified.

Minimum design factors:

Collapse:
Design factor: 1.125

Burst:
Design factor: 1.00

Tension:
8 Round STC: 1.80 (J)
8 Round LTC: 1.80 (J)
Buttress: 1.60 (J)
Premium: 1.50 (J)
Body yield: 1.50 (B)

Tension is based on buoyed weight.
Neutral point: 10,580 ft

Environment:

H2S considered? No
Surface temperature: 75 °F
Bottom hole temperature: 240 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 1,500 ft

Cement top: 3,831 ft

Directional well information:

Kick-off point: 0 ft
Departure at shoe: 2209 ft
Maximum dogleg: 2 °/100ft
Inclination at shoe: 0 °

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	12280	5.5	17.00	P-110	LT&C	11800	12280	4.767	423.2

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	5823	7480	1.285	5823	10640	1.83	172	445	2.59 J

Prepared by: Clinton Dworshak
Utah Div. of Oil & Mining

Phone: 801-538-5280
FAX: 801-359-3940

Date: July 12, 2006
Salt Lake City, Utah

Remarks:
Collapse is based on a vertical depth of 11800 ft, a mud weight of 9.5 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.
Collapse strength is (biaxially) derated for doglegs in directional wells by multiplying the tensile stress by the cross section area to calculate a

QEP UINTA BASIN, INC.

**11002 EAST 17500 SOUTH
VERNAL, UT 84078
(435)781-4331 (phone)
(435)781-4323 (fax)**



Fax To: Diana Whitney

Fax Number: 801-359-3940

From: Jan Nelson

No. of Pages: 16

(including cover sheet) _____

NOTES:

Attached is the revised letter for the FR 11P-36-14-19. Any questions please advise.

Thank you,

Jan

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Questar Exploration and Production Company

11002 East 17500 South

Vernal, UT 84078

Tel 435 781 4300 • Fax 435 781 4329

September 7, 2006

Ms. Diana Whitney
State of Utah
Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
Salt Lake City, Ut 84114-5801

Re: Directional Drilling R649-3-11
FR 11P-36-14-19

SURFACE: 1746' FSL 287' FWL NWSW SEC. 36 T14S R19E

BOTTOM HOLE: 2400' FSL 2400' FWL NESW (LOT 3) SEC 36 T14S R19E

Dear Ms. Whitney:

Pursuant to the filing of FR 11P-36-14-19 Application for Permit to Drill regarding the above referenced well on July 6, 2006, we are hereby submitting this letter in accordance with Oil & Gas Conservation Rule R649-3-11 pertaining to the location and drilling of a directional well.

FR 11P-36-14-19 is located in T14S, R19E, Section 36 in the NWSW.

QEP Uinta Basin, Inc. 11002 East 17500 South, Vernal, Utah 84078, is permitting this well as a directional well due to topographic reasons. Locating the well at the surface location and directionally drilling from this location. Questar will be able to utilize the existing roads and pipelines in the area.

Furthermore, surface is owned by the Ute Tribe and QEP has been granted a ROW for the surface location.

Questar owns the leasing rights to a substantial portion of the SW quarter of Section 36, including an interest in the Allotment Lands (please see attached plat & Exhibit "A"). Ute Energy, LLC owns the leasing right to most of the remaining leasehold interests in the Allotment lands. John Chasel also owns a working interest within the Allotment lands. Ute Energy, LLC & Mr. John Chasel have given their consent to the exception location in the form of the attached letters. Questar has leased all remaining fee interest in Allotment lands.

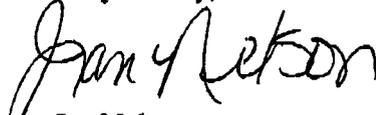
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Based on the above stated information, QEP Uinta Basin, Inc. requests the permit be granted pursuant to R649-3-11.

Respectfully,


Jan Nelson
Regulatory Affairs

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QUESTAR

Questar Exploration and Production Company
Independence Plaza
1080 17th Street, Suite 600
Denver, CO 80266
Tel 303 672 6900 • Fax 303 294 9832

Rocky Mountain Region



March 20, 2006

Mr. John Chasel
2285 Lucky John Drive
Park City, Utah 84060

**RE: FR 11P-36-14-19 Well
T14S-R19E, SLM
Section 36: NESW
Uintah County, Utah**

Mr. Chasel:

Questar Exploration and Production Company is planning on drilling a direction well to a bottom hole location in T14S-R19E, Sec. 36: NE/SW. The surface location will be located in the NWSW for topographic reasons. As you have a working interest in these lands, Questar is requesting consent for the directional bottom hole exception location. Questar will soon be sending a Joint Operating Agreement and Authority for Expenditure for your execution covering this well. In the meantime, please indicate your approval by signing this letter below and returning a copy to Questar.

Should you have any questions regarding this matter please feel free to call me at 303-672-6944.

Yours truly,

Cory Miller
Associate Landman
(303) 294-9632 fax

AGREED TO THIS 22nd DAY OF MARCH, 2006.

Name: John Chasel

Title: OWNER

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QUESTAR

Questar Exploration and Production Company

Independence Plaza
1060 17th Street, Suite 500
Denver, CO 80202
Tel 303 672 6900 • Fax 303 294 9632

Rocky Mountain Region

March 20, 2006

Mr. John Jurrius
Ute Energy, LLC
7074 East 900 South
Fort Duchesne, Utah 84026

RE: FR 11P-36-14-19 Well
T14S-R19E, SLM
Section 36: NESW
Uintah County, Utah

Mr. Jurrius:

Questar Exploration and Production Company is planning on drilling a directional well to a bottom hole location in T14S-R19E, Sec. 36: NESW. The surface location will be located in the NWSW for topographic reasons. As you have a working interest in these lands, Questar is requesting consent for the directional bottom hole exception location.

Should you have any questions regarding this matter please feel free to call me at 303-672-6944.

Yours truly,



Cory Miller
Associate Landman
(303) 294-9632 fax

AGREED TO THIS 19th DAY OF APRIL, 2006.

Name: J. Jurrius
Title: President

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SEP-07-2006 THU 11:40 AM QUESTAR

FAX NO. 425 781 4329

P. 07

Exhibit "A"

Mineral Owner
 SITLA
 Steven A. Malnar
 Evan Gentile
 Heirs and/or devisees of Ta Wa re, Allottee #569
 Christina Shavanaux Bedolla
 Willamae Shavanaux

Legal Description (Township 14S, Range 19E, Section 36)
 Lots 1, 2, 4, 5, 6, NE1/4, N2NW1/4, SW1/4NW1/4, W1/2SW1/4, E1/2SE1/4, NW1/4SE1/4
 Lot 3
 Lot 3
 Lot 3
 Lot 3
 Lot 3

Mineral Ownership %
 100.00%
 8.33%
 8.33%
 81.20%
 0.92%
 1.22%

Lessee
 Quesar
 Quesar
 John Chasel
 Ute Energy, LLC
 Quesar
 UNLEASED

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DIV. OF OIL, GAS & MINING

Form 800865LN (1-2000)

OIL AND GAS LEASE

(PAID-UP)

THIS AGREEMENT, made and entered into this 23rd day of May, 2006, by and between

Christina SHAVANAU Bodehn, dealing in her sole and separate property

hereinafter called the lessor (whether one or more), whose Post Office address is PO Box 662, Burley, ID 83318

and Turner Petroleum Land Services, Inc., a Utah corporation, 8438 South 1274 East, Sandy, UT 84084, hereinafter called the lessee:

WITNESSETH:

1. That the lessor, for and in consideration of the sum of Ten (\$10,000) Dollars in hand paid by the lessee, the receipt and sufficiency of which is hereby acknowledged, and of the covenants and agreements herein contained on the part of the lessee to be paid, kept and performed, by their presents does grant, demise, lease and let exclusively into the lessee, its successors and assigns, for the purpose of investigating, exploring for geological, geophysical, and other methods, prospecting, mining, and operating for and producing oil, liquid hydrocarbons, all gases (including without limitation, hydrogen sulfide gas), and their respective constituent products, including gas, water, other fluids, and air like subsurface strata and conducting secondary recovery operations, laying pipelines, storing oil, building tanks, power stations, roads, telephone lines, and other structures and things thereon to produce, save, take care of, treat, manufacture, process, store and transport said oil, liquid hydrocarbons, gases, and their respective constituent products and other products manufactured therefrom, and all other rights and privileges necessary, incident or convenient for the economical operation of said lands, alone or conjointly with neighboring lands, the following described premises, situate in

Township 14 South, Range 19 East, County of Upland, State of Utah, to wit:

Tractable 14 South, Range 19 East, S1M Section 36: Lot 3 (46.61)

containing 46.61 acres, more or less, hereby releasing all right under and by virtue of the Homestead Exemption Laws of the State of Utah

2. Subject to the other provisions herein contained, this lease shall remain in force for a term of five (5) years from this date (except as hereinafter provided), and as long thereafter as oil, liquid hydrocarbons, gas or their respective constituent products, or any of them, is or can be produced from said lands or lands contiguous thereto in paying quantities. This is a PAID-UP Lease. In consideration of the down cash payment, Lessor agrees that Lessee shall not be obligated, except as otherwise provided herein, to commence or continue any operations during the primary term.

3. The royalties to be paid by lessee are: (a) on oil, and other liquid hydrocarbons saved at the well, one-eighth (1/8) of that produced and saved from said land, same to be delivered at the well or to the credit of lessor in the pipeline to which the wells may be connected, or in person, at its option, may pay to lessor for such one-eighth (1/8) royalty, the market price at the well for oil of like grade and gravity prevailing at the time of production; (b) on gas, including casinghead gas and all gaseous substances produced from said land and sold or used or in the manufacture of gasoline or other products therefrom, the market value at the mouth of the well of one-eighth (1/8) of the gas so sold or used, provided that on gas sold at the well the royalty shall be one-eighth (1/8) of the amount realized from such sale; and (c) at any time, either before or after the expiration of the primary term of this lease, if there is a gas well or wells on the above land (and for the purposes of this clause (c) the term "gas well" shall include wells capable of producing natural gas, condensate, distillate or any gaseous substance and wells classified as gas wells by any government authority) and such well or wells are shut in before or after production therefrom, lessee and any assignor hereunder may pay or tender as is made, it shall be considered under all provisions of this lease that gas is being produced from the leased premises in paying quantities for one (1) year from the date such payment or tender is made, and in like manner subsequent advance annual royalty payments may be made or tendered and it will be considered under all provisions of this lease that gas is being produced from the leased premises in paying quantities during any interval period for which royalty is paid or tendered. Royalty accruing to the owner thereof on any production from the leased premises during any interval period for which advance royalty is paid may be credited against such advance payment. Where there is a shut-in gas well or wells on the leased premises, if this lease is not continued in force under some other provision hereof, it shall nevertheless continue in force for a period of ninety (90) days from the last date on which a gas well located on the leased premises is shut in, or for ninety (90) days following the date to which this lease is continued in force by some other provision hereof, as the case may be, within which ninety-day period lessor or any assignor hereunder may commence or resume the payment or tender of the advance royalty as herein provided.

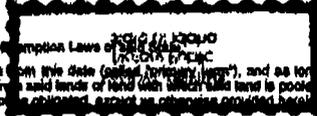
4. If prior to discovery of oil, liquid hydrocarbons, gas or their respective constituent products, or any of them, on said land or on land pooled therewith lessee should drill and abandon a dry hole or holes thereon, or if, after discovery of oil, liquid hydrocarbons, gas or their respective constituent products, or any of them, the production hereof should cease from any cause after the primary term this lease shall not terminate if lessee commences additional drilling or reworking operations within sixty (60) days thereafter. If at the expiration of the primary term, oil, liquid hydrocarbons, gas or their respective constituent products, or any of them, is not being produced on said land or land pooled therewith but lessee is then engaged in operations for drilling or reworking of any well or wells thereon, this lease shall remain in force so long as such operations or additional operations are commenced and prosecuted (whether on the same or successive wells) with no cessation of more than sixty (60) consecutive days, and, if they result in production, so long thereafter as oil, liquid hydrocarbons, gas or their respective constituent products, or any of them, is produced from said land or land pooled therewith. In the event a well or wells producing oil or gas in paying quantities should be brought in on adjacent land and within three hundred thirty (330) feet of and draining the leased premises, lessee agrees to drill such offset wells as a reasonably prudent operator would drill under the same or similar circumstances.

5. Lessee may use oil, gas or water found on said lands free of cost, for operating purposes, but not water from lessor's wells; lessor to have free gas for stoves and inside lines in the principal dwelling house on said lands free from any well thereon producing gas only, by making his own connection therewith, the use of such gas to be at the sole risk and expense of the lessee. Gas, including casinghead gas and residual gas, produced from any oil or gas well irrevocably lost, or which may be used by the lessee in any process for recovering oil or other liquid hydrocarbons from the leased premises, or returned to the ground whether through wells located on the leased premises or elsewhere, shall not be deemed to have been sold or used off the premises within the meaning, express or implied, of any part of this lease. Where no well shall be drilled within two hundred (200) feet of any residence or barn now on said premises, without the consent of the lessor. Lessee shall have the right at any time or when a reasonable time after the expiration, or other termination of this lease, to remove all machinery, fixtures, house, buildings, and any and all structures, placed on said premises, including the right to draw and remove oil casing.

6. The rights of either party hereunder may be assigned in whole or part, but no change or division in ownership of the land, rentals or royalties, however accomplished, shall operate to enlarge the obligations or diminish the rights of lessee. No such change or division in the ownership of the land, rentals or royalties shall be binding upon lessee for any purposes until sixty (60) days after such person acquiring any interest has furnished lessee with the instrument or instruments, or certified copies thereof, constituting his chain of title from the original lessor. In the event of an assignment of this lease as to a segregated portion of said land, in whole or part, shall of this lease as to a segregated portion of said land, the rentals payable hereunder shall be apportioned as between the several leasehold owners, ratably according to the surface area of each, and default in rental payment by one shall not affect the rights of other leasehold owners hereunder. An assignment of this lease, in whole or part, shall, to the extent of such, to the extent of such assignment, relieve and discharge lessee of any obligation hereunder, and, if lessee or assignee of part or parts hereof shall fail or make default in the payment of the proportionate part of the rentals due from such lessee or assignee or fail to comply with any other provision of the lease, such default shall not affect this lease insofar as it covers a part of said lands upon which lessee or any assignee shall make payment of said rentals.

7. When drilling or other operations are delayed or interrupted as a result of any cause whatsoever beyond the control of the lessee, the time of such delay or interruption shall not be counted against lessee, anything in this lease to the contrary notwithstanding. All express or implied covenants of this lease shall be subject to all Federal and State laws, Executive orders, rules or regulations and this lease shall not be terminated, in whole or in part, nor lessee held liable in damages for failure to comply therewith if compliance is prevented by, or if such failure is the result of, any such law, order, rule or regulation.

8. Lessee shall have the right and power to utilize, pool or combine all or any part of the above described lands with other lands in the same general area by entering into a cooperative or unit agreement being forth a plan of development or operation approved by any governmental authority, and, from time to time, with like approval, to modify, change or terminate any such plan or agreement and, in any such event, the terms, conditions and provisions of this lease shall be deemed modified to conform to the terms, conditions and provisions of such approved cooperative or unit agreement or plan of development or operation and, particularly, all drilling and development requirements of this lease, express or implied, shall be satisfied by compliance with the drilling and development requirements of such plan or agreement, and this lease shall not terminate or expire during the life of such plan or agreement except as may be otherwise provided in said agreement. In the event the above described lands, or any part thereof, shall hereafter be operated under such cooperative or unit agreement or plan of development or operation whereby the production thereunder is allocated to different portions of the land, to be treated as having been produced from the particular tract of land to which it is allocated and not from any other tract of land, and the royalty payments to be made hereunder to lessor shall be based upon production only as so allocated. Nothing herein contained shall authorize or limit any transfer of any title to any leasehold, royalty or other interest utilized, pooled or combined. Lessee's execution of such cooperative or unit agreement or plan of development or operation shall be binding as to both lessor and lessee and their respective interests. Lessee, following such execution, shall furnish lessor with a copy of such unit agreement by mail or lessor's best known address as shown by lessor's records and shall give lessor written notice of approval of the same in the same manner as herein provided, and if lessee is notified of such approval.



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Entry 2005003268
Book 823 Page 453

ASSIGNMENT OF OIL AND GAS LEASE

KNOW ALL MEN BY THESE PRESENTS:

That the undersigned,

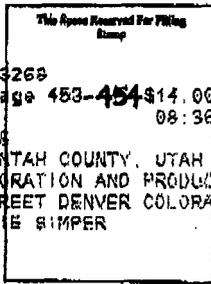
Turner Petroleum Land Services, Inc.
8438 S. 1275 E.
Sandy, UT 84094

Entry 2005003268
Book 823 Page 453-454 \$14.00
28-APR-06 08:36

RANDY SIMMONS
RECORDER, UTAH COUNTY, UTAH
QUESTAR EXPLORATION AND PRODUCTION
1050 17TH STREET DENVER COLORADO 80202
By: CONNIE SIMPER DEPUTY

Hereinafter called Assignor (whether one or more), for and in consideration of One Dollar (\$1.00) the receipt whereof is hereby acknowledged, does hereby sell, assign, transfer and set over unto

Questar Exploration and Production Company
1050 17th Street, Suite 500
Denver, CO 80265



(hereinafter called Assignee) All Right, Title and Interest (100%) interest in and to the oil and gas lease to the oil and gas lease

SEE ATTACHED EXHIBIT "A"

dated 20, from _____, Lessor

to Turner Petroleum Land Services, Inc, 8438 South 1275 East, Sandy, UT 84094, Lessee

Recorded in book _____, page _____ insofar as said lease covers the following described land in _____ County, State of _____

SEE ATTACHED EXHIBIT "A"

Of Section _____ Township _____ Range _____ And containing _____ Acres, More or less together with the rights incident thereto and the personal property thereon, appurtenances thereto, or used or obtained in connection therewith.

And for the same consideration the Assignor covenants with the Assignee, its or his heirs, successors or assigns: That the Assignor is the lawful owner of and has good title to the interest above assigned in and to said lease, estate, rights and property, free and clear from all liens, encumbrances or adverse claims; That said lease is a valid and subsisting lease on the land above described, and all rentals and royalties due thereunder have been paid and all conditions necessary to keep the same in full force have been duly performed.

EXECUTED, this 18th Day of April, 20 05

TURNER PETROLEUM LAND SERVICES, INC.

Clint W. Turner

Clint W. Turner (President)

State of UTAH
County of SALT LAKE) S

ACKNOWLEDGMENT (For use by Corporation)

On this _____ day of April, A. D. 20 05, before me personally appeared

Clint W. Turner, to me personally known, who, being by me duly sworn, did say that

he is the President of TURNER PETROLEUM LAND SERVICES, INC.

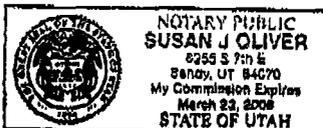
and that the seal affixed to said instrument is the corporate seal of said corporation and that said instrument was signed and sealed in behalf of said corporation by authority of its Board of Directors, and said Clint W. Turner Acknowledged said instrument to be the free act and deed of said corporation.

Witness my hand and seal this 18 day of April, A. D. 20 05

Susan J. Oliver
Notary Public

(SEAL)

My Commission expires 3-23-2008



Return to Assignee

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Entry 2005003268
Book 929 Page 454

EXHIBIT "A"

Attached to and made a part of that certain Assignment of Oil and Gas Leases dated April 18, 2005, by and between Turner Petroleum Land Services, Inc., as Assignor, and Questar Exploration and Production Company, as Assignee.

Lessor: Steven A. Malnar and Bennie Lynn Malnar, husband and wife
Lessee: Turner Petroleum Land Services, Inc.
Dated: October 7, 2004
Recorded: Book 912, Page 741
Description: Township 14 South, Range 19 East, SLM, Uintah County, Utah
Section 36: Lot 3 (45.51)

8856
411-56-014-00

Containing 45.51 acres, more or less.

Lessor: Cecelia Pantaloon Lambeth
Lessee: Turner Petroleum Land Services, Inc.
Dated: January 31, 2005
Recorded: Book 915, Page 156
Description: Township 15 South, Range 19 East, SLM, Uintah County, Utah
Section 1: Lot 6 (12.40)

Containing 12.40 acres, more or less.

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Entry 206 8549
Book 912 Page 741-742 \$12.80
21-JAN-05 12:43
RANDY SIMMONS
RECORDER, UINTAH COUNTY, UTAH
TURNER PETROLEUM LAND SERVICES INC
8438 SOUTH 1275 EAST SANDY UTAH 84094
Rec By: CONNIE SIMPER DEPUTY

Form 2005294 (9-04)

OIL AND GAS LEASE

(PAID-UP)

THIS AGREEMENT, made and entered into this 7th day of October, 2004 by and between Steven A. Malnar and Bennie Lynn Malnar, husband and wife

hereinafter called the lessor (whether one or more), whose Post Office address is 350 North Gates Drive, Roosevelt, UT 84066

and Turner Petroleum Land Services, Inc., 8438 South 1275 East, Sandy, UT 84094, hereinafter called the lessee.

WITNESSETH:

1. That the lessor, for and in consideration of the sum of ten and 00/100 Dollars in hand paid by the lessee, the receipt and sufficiency of which is hereby acknowledged, and of the covenants and agreements herein contained on the part of the lessee to be paid, kept and performed, by these presents does grant, demise, lease and exclusively unto the lessee, its successors and assigns, for the purpose of investigating, exploring by geological, geophysical, and other methods, prospecting, drilling, mining, and operating for and producing oil, liquid hydrocarbons, all gases (including without limitation, hydrogen sulfide gas), and their respective constituent products, including gas, water, other fluids, and air into subsurface strata and conducting secondary recovery operations, laying pipelines, storing oil, building tanks, power stations, roads, telephone lines, and other structures and things thereon to produce, save, take care of, treat, manufacture, process, store and transport said oil, liquid hydrocarbons, gases, and their respective constituent products and other products manufactured therefrom, and all other rights and privileges necessary, incident or convenient for the economical operation of said lands, alone or jointly with neighboring lands, the following described premises, situate in

Township X000X, Range X000X, County of Uintah, State of Utah to wit:

Township 14 South, Range 19 East, 51M
Section 36: Lot 3 (45.51)

"All references contained in this lease to a one-eighth (1/8th) royalty are hereby amended to read one-sixth (1/6th)".

containing 45.51 acres, more or less, hereby releasing all rights under and by virtue of the Homestead Exemption Laws of said state.

2. Subject to the other provisions herein contained, this lease shall remain in force for a term of five (5) years from this date (called "primary term"), and as long thereafter as oil, liquid hydrocarbons, gas or their respective constituent products, or any of them, is or can be produced from said lands or land with which said land is pooled by the lessee. This is a PAID-UP LEASE. In consideration of the down cash payment, Lessor agrees that Lessee shall not be obligated, except as otherwise provided herein, to commence or continue any operations during the primary term.

3. The royalties to be paid by lessee are: (a) on oil, and other liquid hydrocarbons saved at the well, one-eighth (1/8) of that produced and saved from said land, same to be delivered at the well or to the credit of lessor in the pipeline to which the well may be connected, or lessee, at its option, may pay to lessor for such one-eighth (1/8) royalty, the market price at the well for oil of like grade and gravity prevailing at the time of production; (b) on gas, (including casinghead gas and all gaseous substances produced from said land and sold or used off the premises or in the manufacture of gasoline or other products therefrom, the market value at the such sale; and (c) at any time, either before or after the expiration of the primary term of this lease, if there is a gas well or wells on the above land (and for the purposes of this clause (c) the term "gas well" shall include wells capable of producing natural gas, some steam, distillate or any gaseous substance and wells drilled as gas wells by any government authority) and such well or wells are shut in before or after production therefrom, lessee and any assignee hereunder may pay or tender an advance annual royalty equal to one dollar per year per net royalty acre retained hereunder by the party making such payment or tender. And if such payment or tender is made, it shall be considered under all provisions of this lease that gas is being produced from the leased premises in paying quantities during any annual period for which royalty is paid or tendered and it will be considered under all provisions of this lease that gas is being produced from the leased premises in paying quantities during any annual period for which advance royalty is paid or tendered. Royalty accruing to the owners thereof on any production from the leased premises during any annual period for which advance royalty is paid may be credited against such advance payment. When there is a shut-in gas well or wells on the leased premises, if this lease is not continued in force under some other provision hereof, it shall nevertheless continue in force for a period of ninety (90) days from the last date on which a gas well located on the leased premises is shut in, or for ninety (90) days following the date to which this lease is continued in force by some other provision hereof, as the case may be, within which ninety-day period lessee or any assignee hereunder may commence or resume the payment or tender of the advance royalty as herein provided.

4. If prior to discovery of oil, liquid hydrocarbons, gas or their respective constituent products, or any of them, on said land or on land pooled therewith lessee should drill and abandon a dry hole or holes thereon, or if, after discovery of oil, liquid hydrocarbons, gas or their respective constituent products, or any of them, the production hereof should cease for any cause after the primary term this lease shall not terminate if lessee commences additional drilling or reworking operations within sixty (60) days thereafter. If at the expiration of the primary term, oil, liquid hydrocarbons, gas or their respective constituent products, or any of them, is not being produced on said land or land pooled therewith but lessee is then engaged in operations for drilling or reworking of any well or wells thereon, this lease shall remain in force so long as such operations or additional operations are being conducted and prosecuted (whether on the same or successive wells) with no cessation of more than sixty (60) consecutive days, and if they result in production, so long thereafter as oil, liquid hydrocarbons, gas or their respective constituent products, or any of them, is produced from said land or land pooled therewith. In the event a well or wells producing oil or gas in paying quantities should be brought in on adjacent land and within three hundred thirty (330) feet of and draining the leased premises, lessee agrees to drill such offset wells as a reasonably prudent operator would drill under the same or similar circumstances.

5. Lessee may use oil, gas or water found on said lands free of cost, for operating purposes, but not water from lessor's wells; lessor to have free gas for stoves and inside lines in the principal dwelling house on said lands from any well thereon producing gas only, by making his own connection inerewith, the use of such gas to be at the sole risk and expense of the lessee. Gas, including casinghead gas and residue gas, produced from any oil or gas well unavoidably lost, or which may be used by the lessee in any process for recovering oil or other liquid hydrocarbons from the leased premises, or returned to the ground, whether through wells located on the leased premises or elsewhere, shall not be deemed to have been sold or used off the premises within the meaning, express or implied, of any part of this lease. When requested by lessor, the lessee shall bury its pipeline below ordinary plow depth, and also pay damages caused by its operations to cultivated agricultural crops on said land. No well shall be drilled within two hundred (200) feet of any residence or barn now on said premises, without the consent of the lessor. Lessor shall have the right at any time during or within a reasonable time after the expiration, or other termination of this lease, to remove all machinery, fixtures, houses, buildings, and any and all structures, placed on said premises, including the right to draw and remove all casing.

6. The rights of either party hereunder may be assigned in whole or part, but no change or division in ownership of the land, rentals or royalties, however accomplished, shall operate to enlarge the obligations or diminish the rights of lessee. No such change or division in the ownership of the land, rentals or royalties shall be binding upon lessee for any purposes until sixty (60) days after such person acquiring any interest has furnished lessee with the instrument or instruments, or certified copies thereof, constituting his chain of title from the original lessor. In the event of an assignment of this lease as to a segregated portion of said land, the rentals payable hereunder shall be apportioned as between the several leasehold owners hereunder, ratably according to the surface area of each, and default in rental payment by one shall not affect the rights of other leasehold owners hereunder. An assignment of this lease, in whole or part, shall, to the extent of such assignment, relieve and discharge lessee of any obligation hereunder, and, if lessee or assignee of part or parts hereof shall fail or make default in the payment of the proportionate part of the rentals due from such lessee or assignee or fail to comply with any other provision of the lease, such default shall not affect this lease insofar as it covers a part of said lands upon which lessee or any assignee thereof shall make payment of said rentals.

7. When drilling or other operations are delayed or interrupted as a result of any cause whatsoever beyond the control of the lessee, the time of such delay or interruption shall not be counted against lessee, anything in this lease to the contrary notwithstanding. All express or implied covenants of this lease shall be subject to all Federal and State laws, Executive orders, rules or regulations and this lease shall not be terminated, in whole or in part, nor lessee not liable in damages for failure to comply therewith if compliance is prevented by, or if such failure is the result of, any such law, order, rule or regulation.

8. Lessee shall have the right and power to utilize, pool or combine all or any part of the above described lands with other lands in the same general area by entering into a cooperative or unit agreement setting forth a plan of development or operation approved by any governmental authority, and, from time to time, with like approval, to modify, change or terminate any such plan of agreement and, in any such event, the terms, conditions and provisions of this lease shall be deemed modified to conform to the terms, conditions and provisions of such approved cooperative or unit agreement or plan of development or operation and, particularly, all drilling and development requirements of this lease, express or implied, shall be satisfied by compliance with the drilling and development requirements of such plan or agreement. And this lease shall not terminate or expire during the life of such plan or agreement except as may be otherwise provided in said agreement. In the event the production thereunder is allocated to different portions of the land covered by said agreement or plan, then the production allocated to any particular tract of land shall, for the purpose of computing the royalties to be paid hereunder to lessor, be regarded as having been produced from the particular tract of land to which such production and not from any other tract of land; and the royalty payable to lessor shall be based upon production only as so allocated. Nothing herein contained shall authorize or effect any transfer of any title to any lessor, royalty or other interest whited, pooled or combined. Lessee's execution of such cooperative or unit agreement or plan of development or operation shall be binding as to both lessor and lessee and their respective interests. Lessee, following such execution, shall furnish lessor with a copy of such unit agreement by mail at lessor's last known address as shown by lessee's records and shall give a copy of the same to approval of the same in the same manner within a reasonable time after lessee is notified of such approval.

RECEIVED
SEP 07 2006

Printed by PEM Printing (800) 425-4401

Entry 2888002070

STATE OF Utah
COUNTY OF Davis

Notary Public, Notary Public, Notary Public
ACKNOWLEDGEMENT - INDIVIDUAL

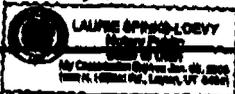
BEFORE ME, the undersigned, a Notary Public, in and for said County and State, on this 12th day of April 2005, personally appeared Edna Quible, a married man dealing in his own separate property.

Entry 2888002070
Book 522 Page 17

to me known to be the identical person described in and who executed the within and foregoing instrument of writing and acknowledged to me that he duly executed the same as free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my notarial seal the day and year last above written.

My Commission Expires 10/2006
Notary Public



STATE OF _____
COUNTY OF _____

Notary Public, Notary Public, Notary Public
ACKNOWLEDGEMENT - INDIVIDUAL

BEFORE ME, the undersigned, a Notary Public, in and for said County and State, on this _____ day of _____, 19____, personally appeared _____

to me known to be the identical person described in and who executed the within and foregoing instrument of writing and acknowledged to me that he duly executed the same as free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my notarial seal the day and year last above written.

My Commission Expires _____
Notary Public

Address: _____

STATE OF _____
COUNTY OF _____

ACKNOWLEDGEMENT (for use by Corporations)

On this _____ day of _____, A.D. 19____, before me personally appeared _____ to me personally known, who, being by me duly sworn, did say that he is the _____ of _____ and that the seal affixed to said instrument is the corporate seal of said corporation and that said instrument was signed and sealed in behalf of said corporation by authority of its Board of Directors, and said _____ acknowledged said instrument to be true act and deed of said corporation.

Witness my hand and seal this _____ day of _____, A.D. 19____.

Notary Public

(SEAL)

Address: _____

My Commission expires _____

FROM	TO
Doc. No.	Page
Vol.	of the records of this office.
County Clerk	County Clerk
By _____	When recorded return to _____

This instrument was filed for record on this _____ day of _____, 20____, and duly recorded in _____ of the records of this office.

RECEIVED
SEP 07 2006

DIV. OF OIL, GAS & MINING



State of Utah

**Department of
Natural Resources**

MICHAEL R. STYLER
Executive Director

**Division of
Oil, Gas & Mining**

JOHN R. BAZA
Division Director

JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

September 7, 2006

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

Re: Flat Rock 11P-36-14-19 Well, 1746' FSL, 287' FWL, NW SW, Sec. 36,
T. 14 South, R. 19 East, Bottom Location 2400' FSL, 2400' FWL, NE SW,
Sec. 36, T. 14 South, R. 19 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 43-047-38349.

Sincerely,

Gil Hunt
Associate Director

pab
Enclosures

cc: Uintah County Assessor
SITLA

Operator: QEP Uinta Basin, Inc.
Well Name & Number Flat Rock 11P-36-14-19
API Number: 43-047-38349
Lease: ML-49279

Location: NW SW Sec. 36 T. 14 South R. 19 East
Bottom Location: NE SW Sec. 36 T. 14 South R. 19 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

The operator is required to notify the Division of Oil, Gas and Mining of the following actions during drilling of this well:

- 24 hours prior to cementing or testing casing
- 24 hours prior to testing blowout prevention equipment
- 24 hours prior to spudding the well
- within 24 hours of any emergency changes made to the approved drilling program
- prior to commencing operations to plug and abandon the well

The following are Division of Oil, Gas and Mining contacts and their work telephone numbers (please leave a voice mail message if the person is not available to take the call):

- Dan Jarvis at (801) 538-5338
- Carol Daniels at (801) 538-5284 (spud)

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

5. Compliance with the State of Utah Antiquities Act forbids disturbance of archeological, historical, or paleontological remains. Should archeological, historical or paleontological remains be encountered during your operations, you are required to immediately suspend all operations and immediately inform the Trust Lands Administration and the Division of State History of the discovery of such remains.

6. Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis. (Copy Attached)

7. 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.
8. Cement volume for the 9 5/8" intermediate string should be brought back to the surface and the 5 1/2" production string shall be determined from actual hole diameter in order to place cement from the pipe setting depth back to $\pm 3600'$ MD as indicated in the submitted drilling plan.

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

ROUTING
1. DJJ
2. CDW

Change of Operator (Well Sold)

X - Operator Name Change/Merger

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

1/1/2007

FROM: (Old Operator):
 N2460-QEP Uinta Basin, Inc.
 1050 17th St, Suite 500
 Denver, CO 80265

TO: (New Operator):
 N5085-Questar E&P Company
 1050 17th St, Suite 500
 Denver, CO 80265

Phone: 1 (303) 672-6900

Phone: 1 (303) 672-6900

CA No.

Unit:

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

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 4/19/2007
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 4/16/2007
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 1/31/2005
- a. 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: IN PLACE
- 5b. Inspections of LA PA state/fee well sites complete on: n/a
- 5c. Reports current for Production/Disposition & Sundries on: n/a
- Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM 4/23/2007 BIA
- Federal and Indian Units:**
 The BLM or BIA has approved the successor of unit operator for wells listed on: 4/23/2007
- Federal and Indian Communization Agreements ("CA"):**
 The BLM or BIA has approved the operator for all wells listed within a CA on: _____
- Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: _____

DATA ENTRY:

- Changes entered in the **Oil and Gas Database** on: 4/30/2007 and 5/15/2007
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 4/30/2007 and 5/15/2007
- Bond information entered in RBDMS on: 4/30/2007 and 5/15/2007
- Fee/State wells attached to bond in RBDMS on: 4/30/2007 and 5/15/2007
- Injection Projects to new operator in RBDMS on: 4/30/2007 and 5/15/2007
- Receipt of Acceptance of Drilling Procedures for APD/New on: n/a

BOND VERIFICATION:

- Federal well(s) covered by Bond Number: ESB000024
- Indian well(s) covered by Bond Number: 799446
- a. (R649-3-1) The **NEW** operator of any state/fee well(s) listed covered by Bond Number 965003033
- b. The **FORMER** operator has requested a release of liability from their bond on: n/a

LEASE INTEREST OWNER NOTIFICATION:

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

COMMENTS: THIS IS A COMPANY NAME CHANGE.

SOME WELL NAMES HAVE BEEN CHANGED AS REQUESTED

Original Well Name	Well Name & No.	Q/Q	SEC	TWP	RNG	API	Entity	Lease	Well Type	Status
GB 6W-25-8-21	GB 6W-25-8-21	SENW	25	080S	210E	4304734121	13440	fee	GW	P
GB 7W-25-8-21	GB 7W-25-8-21	SWNE	25	080S	210E	4304734122	13436	fee	GW	P
GB 11W-30-8-22	OU GB 11W 30 8 22	NESW	30	080S	220E	4304734392	13433	fee	GW	P
UTAH STATE 1	STATE 1	NENE	36	070S	240E	4304715128	5878	State	GW	P
KAYE STATE 1-16	KAYE STATE 1-16	NWNW	16	100S	230E	4304730609	5395	State	GW	P
TOLL STATION ST 8-36-8-21	TOLL STATION ST 8-36-8-21	SENE	36	080S	210E	4304732724	12361	State	GW	S
GLEN BENCH ST 8A-36-8-21	GB 8A 36 8 21	SENE	36	080S	210E	4304733037	12377	State	GW	P
GLEN BENCH ST 6-36-8-21	GB 6 36 8 21	SENW	36	080S	210E	4304733038	12378	State	GW	P
GLEN BENCH ST 2-36-8-21	GB 2 36 8 21	NWNE	36	080S	210E	4304733252	12527	State	GW	P
GH 1W-32-8-21	GH 1W-32-8-21	NENE	32	080S	210E	4304733570	12797	State	GW	P
GH 3W-32-8-21	GH 3W-32-8-21	NENW	32	080S	210E	4304733571	12796	State	GW	P
GH 5W-32-8-21	GH 5W-32-8-21	SWNW	32	080S	210E	4304733572	12828	State	GW	P
GH 7W-32-8-21	GH 7W-32-8-21	SWNE	32	080S	210E	4304733573	12872	State	GW	P
GH 2W-32-8-21	GH 2W-32-8-21	NWNE	32	080S	210E	4304733744	13029	State	GW	P
GH 4W-32-8-21	GH 4W-32-8-21	NWNW	32	080S	210E	4304733745	13035	State	GW	P
GH 8W-32-8-21	GH 8W-32-8-21	SENE	32	080S	210E	4304733746	13030	State	GW	P
GB 3W-16-8-22	OU GB 3W 16 8 22	NENW	16	080S	220E	4304733751	13577	State	GW	P
GB 5W-16-8-22	OU GB 5W 16 8 22	SWNW	16	080S	220E	4304733752	13570	State	GW	P
GH 6W-32-8-21	GH 6W-32-8-21	SENW	32	080S	210E	4304733753	13036	State	GW	P
GB 11W-16-8-22	OU GB 11W 16 8 22	NESW	16	080S	220E	4304733754	13582	State	GW	P
GH 5G-32-8-21	GH 5G-32-8-21	SWNW	32	080S	210E	4304733866	13037	State	OW	P
GB 1W-36-8-21	GB 1W-36-8-21	NENE	36	080S	210E	4304733944	13439	State	GW	P
WV 7W-36-7-21	WV 7W-36-7-21	SWNE	36	070S	210E	4304734065	13334	State	GW	TA
WV 9W-36-7-21	WV 9W-36-7-21	NESE	36	070S	210E	4304734066	13331	State	GW	TA
WV 9W-16-7-21	WV 9W-16-7-21	NESE	16	070S	210E	4304734324		State	GW	LA
OU GB 4W-16-8-22	OU GB 4W-16-8-22	NWNW	16	080S	220E	4304734598	13579	State	GW	P
OU GB 10W-16-8-22	OU GB 10W-16-8-22	NWSE	16	080S	220E	4304734616		State	GW	LA
OU GB 12W-16-8-22	OU GB 12W-16-8-22	NWSW	16	080S	220E	4304734617	13697	State	GW	P
OU GB 13W-16-8-22	OU GB 13W-16-8-22	SWSW	16	080S	220E	4304734618	13611	State	GW	P
GB 14MU-16-8-22	GB 14MU-16-8-22	SESW	16	080S	220E	4304734619	14196	State	GW	P
OU GB 15W-16-8-22	OU GB 15W-16-8-22	SWSE	16	080S	220E	4304734622	13595	State	GW	P
OU GB 16W-16-8-22	OU GB 16W-16-8-22	SESE	16	080S	220E	4304734655	13815	State	GW	P
OU GB 2W-16-8-22	OU GB 2W-16-8-22	NWNE	16	080S	220E	4304734657	13721	State	GW	P
OU GB 6W-16-8-22	OU GB 6W-16-8-22	SENW	16	080S	220E	4304734658	13592	State	GW	P
OU GB 8W-16-8-22	OU GB 8W-16-8-22	SENE	16	080S	220E	4304734660	13769	State	GW	TA
OU GB 9W-16-8-22	OU GB 9W-16-8-22	NESE	16	080S	220E	4304734692		State	GW	LA
OU GB 15G-16-8-22	OU GB 15G-16-8-22	SWSE	16	080S	220E	4304734829	13777	State	OW	S
GB 7MU-36-8-21	GB 7MU-36-8-21	SWNE	36	080S	210E	4304734893	14591	State	GW	P
GB 3W-36-8-21	GB 3W-36-8-21	NENW	36	080S	210E	4304734894	13791	State	GW	P
NC 8M-32-8-22	NC 8M-32-8-22	SENE	32	080S	220E	4304734897		State	GW	LA
NC 3M-32-8-22	NC 3M-32-8-22	NENW	32	080S	220E	4304734899		State	GW	LA

Original Well Name	Well Name & No.	Q/Q	SEC	TWP	RNG	API	Entity	Lease	Well Type	Status
GB 5W-36-8-21	GB 5W-36-8-21	SWNW	36	080S	210E	4304734925	13808	State	GW	P
GB 4MU-36-8-21	GB 4MU-36-8-21	NWNW	36	080S	210E	4304734926	14589	State	GW	P
NC 11M-32-8-22	NC 11M-32-8-22	NESW	32	080S	220E	4304735040		State	GW	LA
GB 5SG-36-8-21	GB 5SG-36-8-21	SWNW	36	080S	210E	4304735155	14015	State	GW	P
SC 13ML-16-10-23	SC 13ML-16-10-23	SWSW	16	100S	230E	4304735281	14036	State	GW	P
SC 3M-16-10-23	SC 3ML 16 10 23	NENW	16	100S	230E	4304735282	14014	State	GW	P
SC 11ML-16-10-23	SC 11ML-16-10-23	NESW	16	100S	230E	4304735311	14035	State	GW	P
BB E 15G-16-7-21	BBE 15G 16 7 21	SWSE	16	070S	210E	4304735408	14070	State	OW	P
WH 13G-2-7-24	WH 13G-2-7-24	SWSW	02	070S	240E	4304735484	14176	State	GW	TA
FR 9P-36-14-19	FR 9P-36-14-19	NWSW	31	140S	200E	4304735880	14310	State	GW	S
CB 13G-36-6-20	CB 13G-36-6-20	SWSW	36	060S	200E	4304735969		State	OW	LA
WH 2G-2-7-24	WH 2G-2-7-24	NWNE	02	070S	240E	4304736259		State	GW	APD
WH 4G-2-7-24	WH 4G-2-7-24	NWNW	02	070S	240E	4304736261		State	GW	APD
FR 1P-36-14-19	FR 1P-36-14-19	NWNW	31	140S	200E	4304736300	14859	State	GW	S
WK 3ML-2-9-24	WK 3ML-2-9-24	NENW	02	090S	240E	4304736723		State	GW	APD
WK 7ML-2-9-24	WK 7ML-2-9-24	SWNE	02	090S	240E	4304736724		State	GW	APD
SC 5ML-16-10-23	SC 5ML-16-10-23	SWNW	16	100S	230E	4304736877	15125	State	GW	P
SC 12ML-16-10-23	SC 12ML-16-10-23	NWSW	16	100S	230E	4304736878	15053	State	GW	P
SC 14ML-16-10-23	SC 14ML-16-10-23	SESW	16	100S	230E	4304736908	15070	State	GW	P
SC 4ML-16-10-23	SC 4ML-16-10-23	NWNW	16	100S	230E	4304736912	15208	State	GW	P
FR 3P-36-14-19	FR 3P-36-14-19	NWNW	36	140S	190E	4304737376	15736	State	GW	DRL
BBE 9W-16-7-21	BBE 9W-16-7-21	NESE	16	070S	210E	4304737745		State	GW	APD
GB 10ML-16-8-22	GB 10ML-16-8-22	NWSE	16	080S	220E	4304737943		State	GW	APD
GB 9ML-16-8-22	GB 9ML-16-8-22	NESE	16	080S	220E	4304737944	15851	State	GW	DRL
FR 11P-36-14-19	FR 11P-36-14-19	NWSW	36	140S	190E	4304738349		State	GW	DRL
GB 4SG-36-8-21	GB 4SG-36-8-21	NWNW	36	080S	210E	4304738764		State	GW	APD
GB 7SG-36-8-21	GB 7SG-36-8-21	SWNE	36	080S	210E	4304738765		State	GW	APD

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

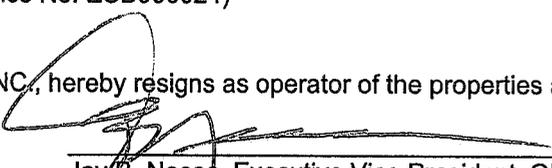
FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS		5. LEASE DESIGNATION AND SERIAL NUMBER: see attached
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.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: see attached
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		7. UNIT or CA AGREEMENT NAME: see attached
2. NAME OF OPERATOR: QUESTAR EXPLORATION AND PRODUCTION COMPANY		8. WELL NAME and NUMBER: see attached
3. ADDRESS OF OPERATOR: 1050 17th Street Suite 500 CITY Denver STATE CO ZIP 80265		9. API NUMBER: attached
		10. FIELD AND POOL, OR WILDCAT:
4. LOCATION OF WELL FOOTAGES AT SURFACE: attached		COUNTY: Uintah
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:		STATE: UTAH

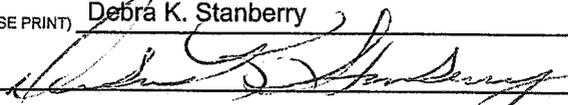
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: <u>1/1/2007</u>	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion:	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u>Operator Name Change</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

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

Effective January 1, 2007 operator of record, QEP Uinta Basin, Inc., will hereafter be known as QUESTAR EXPLORATION AND PRODUCTION COMPANY. This name change involves only an internal corporate name change and no third party change of operator is involved. The same employees will continue to be responsible for operations of the properties described on the attached list. All operations will continue to be covered by bond numbers:
 Federal Bond Number: 965002976 (BLM Reference No. ESB000024)
 Utah State Bond Number: 965003033
 Fee Land Bond Number: 965003033
 Current operator of record, QEP UINTA BASIN, INC., hereby resigns as operator of the properties as described on the attached list.


 Jay B. Neese, Executive Vice President, QEP Uinta Basin, Inc.
 Successor operator of record, QUESTAR EXPLORATION AND PRODUCTION COMPANY, hereby assumes all rights, duties and obligations as operator of the properties as described on the attached list

 Jay B. Neese, Executive Vice President
 Questar Exploration and Production Company

NAME (PLEASE PRINT) <u>Debra K. Stanberry</u>	TITLE <u>Supervisor, Regulatory Affairs</u>
SIGNATURE 	DATE <u>3/16/2007</u>

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APR 19 2007

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

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: see attached
2. NAME OF OPERATOR: QUESTAR EXPLORATION AND PRODUCTION COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: see attached
3. ADDRESS OF OPERATOR: 1050 17th Street Suite 500 Denver STATE CO ZIP 80265		7. UNIT or CA AGREEMENT NAME: see attached
4. LOCATION OF WELL FOOTAGES AT SURFACE: attached COUNTY: Uintah QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: STATE: UTAH		8. WELL NAME and NUMBER: see attached
PHONE NUMBER: (303) 308-3068		9. API NUMBER: attached
		10. FIELD AND POOL, OR WILDCAT:

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: <u>1/1/2007</u>	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion:	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u>Well Name Changes</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

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

PER THE ATTACHED LIST OF WELLS, QUESTAR EXPLORATION AND PRODUCTION COMPANY REQUESTS THAT THE INDIVIDUAL WELL NAMES BE UPDATED IN YOUR RECORDS.

NAME (PLEASE PRINT) <u>Debra K. Stanberry</u>	TITLE <u>Supervisor, Regulatory Affairs</u>
SIGNATURE	DATE <u>4/17/2007</u>

(This space for State use only)

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APR 19 2007

DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED
SUBMIT NO. DUPLICATION

FEB - 5 2007

FORM APPROVED
OMB NO. 1040-0138
Expires: February 28, 1995

5. LEASE DESIGNATION AND SERIAL NO.
14-20-462 ML 48279 5524

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
UTE TRIBE

7. UNIT AGREEMENT NAME
N/A

8. FARM OR LEASE NAME, WELL NO.
FR 11P-36-14-19

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

TYPE OF WORK
DRILL DEEPEN

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

BLM VERNAL, UTAH

2. NAME OF OPERATOR
QEP UINTA BASIN, INC.

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

9. API NUMBER:
43-047-38349

3. ADDRESS
1571 E. 1700 S. Vernal, Ut 84078

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

10. FIELD AND POOL, OR WILDCAT
UNDESIGNATED

4. LOCATION OF WELL (Report location clearly and in accordance with and State requirements*)
At Surface 1746' FSL 287' FWL, NWSW SECTION, 36, T14S, R19E
At proposed production zone 2400' FSL 2400' FWL, NESW, (LOT 3) SEC. 36, T14S, R19E

11. SEC., T, R, M, OR BLK & SURVEY OR AREA
SEC. 36, T14S, R19E Mer SLB

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

12. COUNTY OR PARISH
Uintah

13. STATE
UT

15. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT.
(also to nearest drig, unit line if any)
287' +/-

16. NO. OF ACRES IN LEASE
594.49

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
11,800' TVD
12,280.3' TMD

20. BLM/BIA Bond No. on file
4127294

21. ELEVATIONS (Show whether DF, RT, GR, ect.)
7118.3' GR

22. DATE WORK WILL START
ASAP

23. Estimated duration
50 days

24. Attachments

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

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

SIGNED Jan Nelson Name (printed/typed) Jan Nelson DATE 2-5-07

TITLE Regulatory Affairs

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

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

CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY [Signature] TITLE Assistant Field Manager
Lands & Mineral Resources DATE 2-12-2007

*See Instructions On Reverse Side

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

CONDITIONS OF APPROVAL ATTACHED

NOTICE OF APPROVAL
RECEIVED

CONFIDENTIAL

JAN 14 2007

DIV. OF OIL, GAS & MINING





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

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



CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company: QEP Uinta Basin Inc.
Well No: FR 11P-36-14-19
API No: 43-047-38349

Location: NENW, Sec 36, T14S, R19E (Bottom)
Lease No: 14-20-H62-5524
Agreement: N/A

Petroleum Engineer:	Ryan Angus	Office: 435-781-4430	Cell: 435-828-
Petroleum Engineer:	James Ashley	Office: 435-781-4470	Cell: 435-828-7874
Petroleum Engineer:	Matt Baker	Office: 435-781-4490	Cell: 435-828-4470
Petroleum Engineer:	Michael Lee	Office: 435-781-4432	
Supervisory Petroleum Technician:	Jamie Sparger	Office: 435-781-4502	Cell: 435-828-3913
NRS/Environmental Scientist:	Scott Ackerman	Office: 435-781-4437	
NRS/Environmental Scientist:	Paul Buhler	Office: 435-781-4475	Cell: 435-828-4029
NRS/Environmental Scientist:	Jannice Cutler	Office: 435-781-3400	
NRS/Environmental Scientist:	Michael Cutler	Office: 435-781-3401	
NRS/Environmental Scientist:	Anna Figueroa	Office: 435-781-3407	
NRS/Environmental Scientist:	Melissa Hawk	Office: 435-781-4476	
NRS/Environmental Scientist:	Chuck Macdonald	Office: 435-781-4441	
NRS/Environmental Scientist:	Nathan Packer	Office: 435-781-3405	
NRS/Environmental Scientist:	Verlyn Pindell	Office: 435-781-3402	
NRS/Environmental Scientist:	Holly Villa	Office: 435-781-4404	
NRS/Environmental Scientist:	Darren Williams	Office: 435-781-4447	
NRS/Environmental Scientist:	Karl Wright	Office: 435-781-4484	
After Hours Contact Number:	435-781-4513	Fax: 435-781-4410	

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

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

NOTIFICATION REQUIREMENTS

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

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

**Conditions for Approval are in the Concurrence letter submitted by the Bureau of Indian Affairs
Jan. 25, 2006.**

DOWNHOLE CONDITIONS OF APPROVAL

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

SITE SPECIFIC DOWNHOLE CONDITIONS OF APPROVAL

1. A Cement Bond Log (CBL) shall be run from the TD to the top of cement. A field copy of the CBL shall be submitted to the BLM Vernal Field Office for review.

DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

1. There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well. Any changes in operation must have prior approval from the BLM, Vernal Field Office Petroleum Engineers.
2. The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
3. **Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.**
4. 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.

5. The lessee/operator must report all shows of water or water-bearing sands to the BLM. If flowing water is encountered it must be sampled and analyzed (a copy of the analyses to be submitted to the BLM Field Office in Vernal, Utah).
6. All oil and gas shows shall be adequately tested for commercial possibilities, reported, and protected.

7. The lessee/operator must report encounters of all non oil & gas mineral resources (such as gilsonite, tar sands, oil shale, etc.) to a geologist of the Vernal Field Office in writing within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.
8. 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.
9. Chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.

Any change in the program shall be approved by the BLM, Vernal Field Office. "Sundry Notices and Reports on Wells" (Form BLM 3160-5) shall be filed for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.

Emergency approval may be obtained orally, but such approval does not waive the written report requirement. Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a suitable plan pursuant to Onshore Oil & Gas Order No. 1 of 43 CFR 3164.1 and prior approval by the BLM, Vernal Field Office.

In accordance with 43 CFR 3162.4-3, this well shall be reported on the "Monthly Report of Operations" (Oil and Gas Operations Report ((OGOR)) starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 (303) 231-3650 for reporting information.

10. Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.

A cement bond log (CBL) will be run from the production casing shoe to the surface casing shoe and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.

Please submit an electronic copy of all other logs run on this well in LAS format to UT_VN_Wellogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.

11. All off-lease storage, off-lease measurement, or commingling on-lease or off-lease shall have prior written approval from the BLM, Vernal Field Office.

All measurement points shall be identified as point of sales or allocation for royalty determination prior to the installation of facilities.
12. Oil and gas meters shall be calibrated in place prior to any deliveries. The Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports shall be submitted to the BLM, Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement.
13. 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.
14. This APD is approved subject to the requirement that, 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:
 - a. Operator name, address, and telephone number.
 - b. Well name and number.
 - c. Well location (1/4¹/₄, Sec., Twn, Rng, and P.M.).
 - d. Date well was placed in a producing status (date of first production for which royalty will be paid).
 - e. 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).
 - f. 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.

- g. Unit agreement and / or participating area name and number, if applicable.
 - h. Communitization agreement number, if applicable.
15. Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from Field Office Petroleum Engineers.
 16. 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
 17. 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.
 18. Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

OPERATOR: QEP Uinta Basin, Inc.
ADDRESS: 11002 East 17500 South
Vernal, Utah 84078-8526

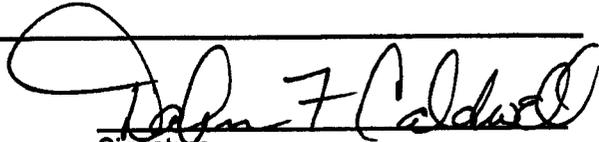
(435)781-4300

Action Code	Current Entity No.	New Entity No.	API Number	Well Name	QQ	SC	TP	RG	County	Spud Date	Effective Date
A	99999	15899	43-047-38349	FR 11P 36 14 19	NWSW	36	14S	19E	Uintah	11/11/2006	1/25/07
WELL 1 COMMENTS: BOTTOM HOLE: NESW, SEC 36-T14S-R19E <i>WINGT</i>										CONFIDENTIAL RECEIVED JAN 2 2007 DIV. OF OIL, GAS & MINING	
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 1/15/07
Title Date

Phone No. (435)781-4342

CONFIDENTIAL

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. Lease Designation and Serial No.
ML-49279

6. If Indian, Allottee or Tribe Name
UTE TRIBE

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

8. Well Name and No.
FR 11P 36 14 19

9. API Well No.
43-047-38349

10. Field and Pool, or Exploratory Area
UNDESIGNATED

11. County or Parish, State
UINTAH COUNTY, UTAH

SUBMIT IN TRIPLICATE

1. Type of Well
Oil Gas
Well Well Other

2. Name of Operator
QEP, UINTA BASIN, INC.

3. Address and Telephone No. **Contact: Dahn.Caldwell@questar.com**
11002 E. 17500 S. VERNAL, UT 84078-8526 **435-781-4342 Fax 435-781-4357**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
SURFACE: 1746 FSL, 287' FWL, NWSW, SEC 36-T14S-R19E
BOTTOM: 2400' FSL, 2400' FWL, NESW, SEC 36-T14S-R19E

CONFIDENTIAL

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

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input checked="" type="checkbox"/> Other <u>SPUD</u>
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Dispose Water

(Note) Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work)

On 11/11/06 - Drilled 40' of 26" conductor hole. Set 40' of 20" conductor pipe. Cement w/ Ready Mix.

On 11/21/06 - Drilled 17-1/2" hole. Run 12 jts 13-3/8" 48# H-40 csg to 524'. Cmt w/ 525 sxs Class 'G' Cmt.

RECEIVED
JAN 22 2007

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** *Dahn Caldwell* **Office Administrator II** Date **1/15/07**

(This space for Federal or State office use)

Approved by: _____ Title _____ Date _____

Conditions of approval, if any _____

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

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UINTA BASIN - OPERATIONS REPORT - 1/17/07 - 1/31/07

CONFIDENTIAL - 'TIGHT HOLE'

"Drilling Activity Only":

Rep
36 145 19e
43-047-38349

Unit 236 - FR 11P 36 14 19

Spud Date: 1/11/06

Currently drilling @ 12,280 as of 1/31/07

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DIV. OF OIL, GAS & MINING

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Questar E & P Page 1 of 9
Operations Summary Report

Well Name: FR 11P-36-14-19 Spud Date: 11/21/2006
 Location: 36- 14-S 19-E 26 Rig Release: 2/7/2007
 Rig Name: UNIT Rig Number: 236

43-049-38349

Date	From - To	Hours	Code	Sub Code	Description of Operations
12/15/2006	10:00 - 06:00	20.00	LOC	4	LAY DOWN TOP DRIVE & TRACK, GENERAL RIG DOWN & PREPARE F/ MOVE TO FR11P 36-14-19 (EST 50% R/D)
12/16/2006	06:00 - 18:00	12.00	LOC	4	NOTE: 2 TRUCKS & CRANE ON LOCATION 1700 HRS RIG DOWN, LAY DERRICK OVER & UNSTRING. 65% RIGGED DOWN & 25% MOVE
	18:00 - 06:00	12.00	OTH		WAIT ON DAYLIGHT
12/17/2006	06:00 - 18:00	12.00	LOC	3	NOTE: 2 BED TRUCKS, 3 HAUL TRUCKS & 1 CRANE ON LOCATION RIG DOWN 100%, RIG MOVE 70%
	18:00 - 06:00	12.00	OTH		WAIT ON DAYLIGHT
	-	-	-	-	NOTE: WILL SET MATTING BOARDS & SET IN SUBSTRUCTURE THIS MORNING. UNABLE TO TWO TRUCK DERRICK, WILL SPLIT & MOVE IN TWO LOADS. EST MOVE CAMPS WED. 12/20/2006. SHOULD BE OFF 3P LOCATION THAT PM.
12/18/2006	06:00 - 18:00	12.00	LOC	4	RIG MOVE 85%, RIG UP 20%
	18:00 - 06:00	12.00	OTH		WAIT ON DAYLIGHT
	-	-	-	-	NOTE: 6-8" SNOW LAST 36 HOURS, STILL SNOWING. KEEPING ACCESS ROAD BLADED OFF. ALL TRUCKS CHAINED UP. WILL MOVE DERRICK TUES. 12/19/2006. NO ROOM ON 11P LOCATION.
12/19/2006	06:00 - 18:00	12.00	LOC	4	RIG MOVE 90%, RIG UP 55%
	18:00 - 06:00	12.00	OTH		WAIT ON DAYLIGHT
12/20/2006	06:00 - 18:00	12.00	LOC	3	SET IN FUEL TANK, SUCTION, SUIT CASES AND DEER STANDS RIG UP BACK YARD, RIG MOVE 90% 65% RIGGED UP
12/21/2006	06:00 - 18:00	12.00	LOC	3	PIN DERRICK, MOVE AND RIG UP CAMPS, LOCATION IS SMALL ROOM FOR ONE LOAD AT A TIME, SET IN AIR PACKAGE AND BAR TANK
12/22/2006	06:00 - 18:00	12.00	LOC	4	SET IN CENTRIFUGE, MUD CLEANER, CHOKE HOUSE, GAS BUSTER, STRING UP LINE THROUGH BLOCKS ALL CAMPS RIGGED UP MOVE DRILL STRINGS FROM OLD LOCATION AND RIG UP
12/23/2006	06:00 - 18:00	12.00	LOC	4	STRING BLOCKS, RAISE DERRICK, START RIGGING UP FLOOR GENERAL RIG UP NOTIFIED STATE DAVE HACKFORD AND BLM CLIFF JOHNSON OF INTENT TO DEEPEN WELL AT 15:00 HRS 12/22/2006
12/24/2006	06:00 - 13:30	7.50	LOC	4	RIG UP FLOOR PLATES AND WIND WALLS, BRIDLE DOWN
	13:30 - 01:00	11.50	OTH		RIG UP TOP DRIVE
	01:00 - 06:00	5.00	BOP	1	NIPPLE UP BOP AND CHOKE HOUSE
12/25/2006	06:00 - 10:00	4.00	BOP	1	NIPPLE UP CHOKE HOUSE, WELLHEAD HEAD 6" HIGH, JACK UP CHOKE HOUSE
	10:00 - 20:00	10.00	BOP	2	TEST FLOOR VALVES AND TOP DRIVE, 250 LOW AND 5000 HIGH, SET TEST PLUG WOULD NOT GO DOWN TO BOWL, PULL TEST PLUG IRON SLIVERS IN SEAL RING SET TEST PLUG AGAIN AND TEST PIPE RAMS, BLINDS AND CHOKE TO 250 LOW AND 5000 HIGH, BAG TESTED TO 250 LOW AND 3500 HIGH, TEST STAND PIPE TO 3500 AND CASING TO 1500 EVERYTHING TESTED OK
	20:00 - 03:00	7.00	OTH		FABRICATE FLOWLINE AND BOUYE LINE WELLHEAD 6" HIGHER THAN NORMAL, STRING BOUYE LINE
	03:00 - 05:00	2.00	OTH		SET WEAR BUSHING AND PUT BHA ON RACKS
	05:00 - 06:00	1.00	TRP	1	PICK UP BHA
12/26/2006	06:00 - 07:30	1.50	OTH		PUT BAILS AND ELEVATORS ON TOP DRIVE
	07:30 - 10:30	3.00	TRP	1	PICK UP 12 1/4 HAMMER AND TEST
	10:30 - 12:00	1.50	OTH		TEST AIR LINES AND SEAL LEAKS
	12:00 - 17:00	5.00	TRP	1	PICK UP BHA, TRIP INTO 470' TAGGED UP
	17:00 - 17:30	0.50	RIG	2	REPLACE 6" VALVE ON FLOWLINE TO GAS BUSTER
	17:30 - 18:30	1.00	DRL	4	DRILL CEMENT AND FLOAT EQUIPMENT F/470' TO 524'
	18:30 - 06:00	11.50	DRL	1	DRILL WITH 12 1/4" HAMMER F/540' TO 1292' WOB 8, ROT 40, AIR 3500, AP 268
12/27/2006	06:00 - 07:00	1.00	SUR	1	SURVEY @ 1260' MISRUN

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Operations Summary Report

Well Name: FR 11P-36-14-19
 Location: 36- 14-S 19-E 26
 Rig Name: UNIT

Spud Date: 11/21/2006
 Rig Release: 2/7/2007
 Rig Number: 236

Date	From - To	Hours	Code	Sub Code	Description of Operations
12/27/2006	07:00 - 08:00	1.00	CIRC	1	BREAK CIRCULATION, PRESSURE KEPT CLIMBING
	08:00 - 11:00	3.00	TRP	13	TRIP OUT AIR HAMMER, LAY DOWN AIR HAMMER FLOAT HAD RATTLED APART AND WAS SITTING IN THE BOTTTOM OF THE HAMMER
	11:00 - 11:30	0.50	RIG	1	RIG SERVICE
	11:30 - 15:00	3.50	TRP	2	TRIP IN WITH TRICONE AND UNDER GAGED IBS AT 60' BREAK CIRCULATION EVERY 3 STDS PAST SHOE
	15:00 - 20:00	5.00	DRL	1	DRILL F/1292' TO 1566' WOB 45, ROT 65, AIR 2700, MIST 10 GPM, PP 250
	20:00 - 20:30	0.50	RIG	2	REPLACE GRABBER DYES ON TOP DRIVE
	20:30 - 04:30	8.00	DRL	1	DRILL F/1566' TO 2185' WOB 45, ROT 65, AIR 2700, MIST 10 GPM, PP 285 NOT MAKING HALF THE WATER PREVIOUS LOCATIONS MADE CONNECTION AND BREAK CIRCULATION TIME
12/28/2006	04:30 - 06:00	1.50	OTH		
	06:00 - 09:00	3.00	DRL	1	DRILL F/2185' TO 2307' WOB 45, ROT 65, PS 200, PP 973, AIR 925 MAINTAINING VOLUME
	09:00 - 09:30	0.50	RIG	2	RIG REPAIR, TOP DRIVE FORWARD RELAY SWITCH
	09:30 - 10:00	0.50	RIG	1	RIG SERVICE
	10:00 - 14:00	4.00	DRL	1	DRILL F/2307' TO 2494' WOB 45, ROT 65, PS 200, PP 970, AIR 925
	14:00 - 15:00	1.00	SUR	1	SURVEY @ 2490' 1.3 INC 122.37 AZM
	15:00 - 04:30	13.50	DRL	1	DRILL F/2494' TO 3089' WOB 45, ROT 65, PS 200, PP 950, AIR 925
12/29/2006	04:30 - 05:00	0.50	SUR	1	SURVEY @3081' 1.5 INC 129.05 AZM
	05:00 - 06:00	1.00	DRL	1	DRILL F/3089' TO 3120' WOB 50, ROT 65, PS 200, PP 950, AIR 925
	06:00 - 11:00	5.00	DRL	1	2.5 HRS OFF DRILLING TIME FOR CONNECTION AND CIRCULATE
	11:00 - 11:30	0.50	RIG	1	DRILL F/3120' TO 3274' WOB 50, ROT 65, PS 200, PP 980, AIR 925 CFM RIG SERVICE
	11:30 - 17:00	5.50	DRL	1	DRILL F/3274' TO 3500' WOB 50, ROT 65, PS 200, PP 980, AIR 925 CFM MAINTAINING VOLUME IN PITS
	17:00 - 18:00	1.00	OTH		CONNECTION AND REGAIN CIRCULATION
	18:00 - 05:00	11.00	DRL	1	DRILL F/3500' TO 3930' WOB 50, ROT 65, PS 200, PP 1000, AIR 925 CFM
12/30/2006	05:00 - 06:00	1.00	OTH		CONNECTION AND REGAIN CIRCULATION
	06:00 - 06:30	0.50	SUR	1	SURVEY @ 3921' 2.7 INC 74.57 AZM
	06:30 - 11:00	4.50	DRL	1	DRILL F/3930' TO 4022' WOB 50, ROT 50, PS 200, PP 1000, AIR 925
	11:00 - 11:30	0.50	RIG	1	RIG SERVICE
	11:30 - 15:00	3.50	DRL	1	DRILL F4022' TO 4090' CASING POINT
	15:00 - 16:00	1.00	CIRC	1	CIRCULATE, RUN SWEEPS
	16:00 - 20:30	4.50	TRP	15	WIPER TRIP TO SHOE STAGE IN
12/31/2006	20:30 - 22:30	2.00	CIRC	1	CIRCULATE, PUMP PITS AWAY
	22:30 - 01:30	3.00	TRP	2	TRIP OUT FOR LOGS
	01:30 - 02:30	1.00	LOG	1	HELD SAFETY MEETING WITH SCHLUMBERGER RIG UP LOGGERS
	02:30 - 06:00	3.50	LOG	1	LOG WITH SCHLUMBERGER, LOG DEPTH 4047'
	06:00 - 06:30	0.50	LOG	1	RIG DOWN LOGGERS
	06:30 - 08:30	2.00	TRP	2	TRIP IN TO 2200' PRECISION AIR LINES FROZE WASHED OUT VALVE
	08:30 - 11:00	2.50	OTH		THAW PRECISION AIR LINES
	11:00 - 12:00	1.00	TRP	2	FINISH TRIP IN
	12:00 - 15:00	3.00	CIRC	1	CIRCULATE AND DROP RESERVE PIT VOLUME
	15:00 - 18:30	3.50	TRP	2	TRIP OUT LAY DOWN 8" DC
	18:30 - 19:00	0.50	OTH		RETRIEVE WEAR BUSHING
1/1/2007	19:00 - 21:00	2.00	CSG	1	RIG UP CASING CREW
	21:00 - 02:00	5.00	CSG	2	RUN 87 JTS OF 9 5/8" CASING, CIRCULATE OUT BRIDGE
	02:00 - 06:00	4.00	CIRC	1	CIRCULATE CASING LAST JT AND LANDING JT DOWN, WHILE CIRCULATING WE HAVE 3/4 RETURNS TO SURFACE, HIT BRIDGE AT 4025', CASING WILL LAND AT 4077' KB
	06:00 - 10:00	4.00	OTH		INSTALL PACK OFF PRESSURE TEST SEALS TO 5000 PSI, INSTALL CEMENT SEAL ASSEMBLY
	10:00 - 11:30	1.50	CMT	1	RIG UP HALLIBURTON, HELD SAFETY MEETING

Operations Summary Report

Well Name: FR 11P-36-14-19
 Location: 36- 14-S 19-E 26
 Rig Name: UNIT

Spud Date: 11/21/2006
 Rig Release: 2/7/2007
 Rig Number: 236

Date	From - To	Hours	Code	Sub Code	Description of Operations	
1/1/2007	11:30 - 14:00	2.50	CMT	2	PRESSURE TEST LINES AND CEMENT, PUMP 10 BBLS OF FRESH WATER, 20 BBLS OF FOAMED SUPER FLUSH AND 10 BBLS OF FOAMED WATER, LEAD CEMENT FOAMED DENSITY OF 8.5 PPG 1.47 YIELD 615 SKS, FOAMED LEAD CEMENT 11 PPG 1.47 YIELD 153 SKS, TAIL CEMENT 14.3 PPG 1.47 YIELD 170 SKS DISPLACED WITH 293 BBLS OF WATER BUMPED PLUG FLOATS HELD HAD GOOD RETURNS ALL THROUGH JOB 15 BBLS OF CEMENT TO SURFACE, PUMP 75 SKS OF 14.6 PPG 1.55 YIELD CAP CEMENT, PLUG DOWN @ 13:21 12/31/2006	
	14:00 - 15:00	1.00	CMT	1	RIG DOWN CEMENTERS	
	15:00 - 23:00	8.00	WOT	1	WOC, REPAIR FLOW LINE, RIG UP FLARE LINE	
	23:00 - 00:00	1.00	OTH		INSTALL WEAR BUSHING	
	00:00 - 02:30	2.50	TRP	1	PICK UP DIRECTIONAL TOOLS AND ORIENT	
1/2/2007	02:30 - 05:00	2.50	TRP	2	TRIP IN TO FLOAT COLLAR	
	05:00 - 06:00	1.00	OTH		THAW FLOW LINE	
	06:00 - 08:00	2.00	OTH		FLOW LINE FROZE UP, THAW OUT	
	08:00 - 10:00	2.00	DRL	4	DRILL FLOAT COLLAR, CEMENT AND FLOAT SHOE AND HOLE TO 4097' TAG CEMENT AT 3986'	
	10:00 - 11:00	1.00	CIRC	1	CIRCULATE	
	11:00 - 11:30	0.50	EQT	2	FIT TEST 12EQM MW 8.5 + 745 PSI (HELD)	
	11:30 - 15:30	4.00	DRL	2	DRILL F/4097' TO 4211' WOB 10, ROT 60, PS 170, PP 1350 SLIDE TO BUILD ANGLE	
	15:30 - 16:00	0.50	RIG	1	RIG SERVICE	
	16:00 - 17:00	1.00	DRL	2	DRILL F/4211' TO 4280' WOB 10, ROT 60, PS 180, PP 1450 SLIDE TO BUILD ANGLE	
	17:00 - 18:00	1.00	OTH		CONNECTION & SURVEY	
	18:00 - 21:30	3.50	DRL	2	DRILL F/4280' TO 4399' WOB 12, ROT 50, PS 190, PP 1500, SLIDE TO BUILD ANGLE	
	21:30 - 23:00	1.50	RIG	2	RIG REPAIR CHANGE SWAB AND LINER ON #2 PUMP	
	23:00 - 04:30	5.50	DRL	2	DRILL F/4399' TO 4650' WOB 12, ROT 50, PS 190, PP 1500, SLIDE TO BUILD ANGLE	
	1/3/2007	04:30 - 06:00	1.50	OTH		CONNECTION & SURVEY
		06:00 - 08:30	2.50	DRL	2	DRILL F/ 4650' TO 4777', WOB 12K, ROT 60, PS 180, PP 1800
08:30 - 09:00		0.50	RIG	1	RIG SERVICE & CHANGE OUT SAVER SUB ON TOP DRIVE	
09:00 - 16:00		7.00	DRL	2	DRILL F/ 4777' TO 5075', WOB 12-14K, ROT 60, PS 180, PP 1970	
16:00 - 18:00		2.00	OTH		CONNECTIONS & SURVEYS	
18:00 - 21:00		3.00	DRL	2	DRILL F/ 5075' TO 5174', WOB 12-14K, ROT 60, PS 180, PP 1970	
21:00 - 21:30		0.50	RIG	2	CHANGE SWAB & LINER # 2 MUD PUMP	
21:30 - 00:30		3.00	DRL	2	DRILL F/ 5174' TO 5242', WOB 12-14K, ROT 55, PS 180, PP 1970	
00:30 - 01:00		0.50	RIG	2	CHANGE SWAB # 1 MUD PUMP	
01:00 - 04:30		3.50	DRL	2	DRILL F/ 5242' TO 5400', WOB 12-14K, ROT 55, PS 180, PP 1980	
1/4/2007	04:30 - 06:00	1.50	OTH		CONNECTIONS & SURVEYS	
	06:00 - 11:30	5.50	DRL	2	DRILL F/ 5400' TO 5525', WOB 12-15K, ROT 60, PS 180, PP 1990	
	11:30 - 12:00	0.50	RIG	1	RIG SERVICE	
	12:00 - 13:30	1.50	DRL	2	DRILL F/ 5525' TO 5565', WOB 15-17K, ROT 60, PS 180, PP 1990	
	13:30 - 14:30	1.00	RIG	2	CHANGE LINER # 1 MUD PUMP	
	14:30 - 15:30	1.00	DRL	2	DRILL F/ 5565' TO 5618', WOB 15-18K, ROT 60, PS 180, PP 1990	
	15:30 - 16:30	1.00	OTH		CONNECTIONS & SURVEYS	
	16:30 - 17:00	0.50	CIRC	1	CIRCULATE, MIX & PUMP DRY SLUG	
	17:00 - 21:00	4.00	TRP	10	TOOH W/ BIT # 3	
	21:00 - 21:30	0.50	TRP	1	CHANGE OUT BITS	
	21:30 - 01:00	3.50	TRP	10	TIH W/ BIT # 4 TO 5525', FILLING PIPE EVERY 30 STANDS	
	01:00 - 01:30	0.50	REAM	1	WASH & REAM LAST 93' F/ SAFETY	
	01:30 - 05:00	3.50	DRL	2	DRILL F/ 5618' TO 5788', WOB 10K, ROT 20, PS 80, PP 1600	

Questar E & P
Operations Summary Report

Well Name: FR 11P-36-14-19
Location: 36- 14-S 19-E 26
Rig Name: UNIT

Spud Date: 11/21/2006
Rig Release: 2/7/2007
Rig Number: 236

Date	From - To	Hours	Code	Sub Code	Description of Operations
1/4/2007	05:00 - 06:00	1.00	OTH		CONNECTIONS & SURVEYS
1/5/2007	06:00 - 09:00	3.00	DRL	2	DRILL F/ 5788' TO 5898', WOB 10K, ROT 20, PS 160, PP 1600
	09:00 - 09:30	0.50	RIG	1	RIG SERVICE
	09:30 - 11:00	1.50	DRL	2	DRILL F/ 5898' TO 5955', WOB 10-12K, ROT 20, PS 160, PP 1600
	11:00 - 11:30	0.50	OTH		CHANGE ROTATING HEAD RUBBER
	11:30 - 17:00	5.50	DRL	2	DRILL F/ 5955' TO 6076', WOB 12-14K, ROT 20, PS 160, PP 1600
	17:00 - 18:00	1.00	OTH		CONNECTIONS & SURVEYS
	18:00 - 05:00	11.00	DRL	2	DRILL F/ 6076' TO 6220', WOB 12-14K, ROT 20, PS 160, PP 1600 (5.5 HRS SLIDE - 5.5 ROTATE)
	05:00 - 06:00	1.00			CONNECTIONS & SURVEYS
	-				NOTE: LOST 150 BBL MUD LAST 24 HRS. ADDED LCM, LOSSES SEEMED TO HAVE STOPPED
1/6/2007	06:00 - 09:00	3.00	DRL	2	DRILL F/ 6220' TO 6300', WOB 12K, ROT 20, PS 160, PP 1600
	09:00 - 09:30	0.50	RIG	2	REPLACE SWAB # 2 MUD PUMP
	09:30 - 15:00	5.50	DRL	2	DRILL F/ 6300' TO 6464', WOB 14K, ROT 25, PS 180, PP 1800 (SLIDE 4.5 HRS - ROTATE 4 HRS)
	15:00 - 15:30	0.50	RIG	1	RIG SERVICE
	15:30 - 17:00	1.50	RIG	6	CUT DAMAGED DRILL LINE
	17:00 - 18:00	1.00	OTH		CONNECTIONS & SURVEYS
	18:00 - 01:30	7.50	DRL	2	DRILL F/ 6461' TO 6606', WOB 14-18K, ROT 25, PS 180, PP 1800 (SLIDE 2 HRS - ROTATE 5.5 HRS)
	01:30 - 02:00	0.50	OTH		CONNECTIONS & SURVEYS
	02:00 - 03:00	1.00	CIRC	1	CIRCULATE, MIX & PUMP DRY SLUG
	03:00 - 06:00	3.00	TRP	10	TOOH W/ BIT # 4
1/7/2007	06:00 - 07:00	1.00	TRP	10	FINISH TOOH W/ BIT # 4
	07:00 - 11:00	4.00	TRP	10	CHANGE BITS & TIH W/ BIT # 5
	11:00 - 11:30	0.50	REAM	1	WASH & REAM LAST 60' F/ SAFETY. NO FILL
	11:30 - 13:30	2.00	DRL	2	DRILL F/ 6606' TO 6646', WOB 10, ROT 30, PS 180, PP 1900
	13:30 - 14:00	0.50	RIG	1	RIG SERVICE
	14:00 - 17:00	3.00	DRL	2	DRILL F/ 6646' TO 6715', WOB 15, ROT 60, PS 180, PP 1900
	17:00 - 17:30	0.50	OTH		CONNECTION & SURVEYS
	17:30 - 18:00	0.50	OTH		UNBALL BIT
	18:00 - 19:00	1.00	DRL	2	DRILL F/ 6715' TO 6728', WOB 18, ROT 60, PS 180, PP 1900
	19:00 - 20:00	1.00	OTH		WORK PIPE BALLED BIT
	20:00 - 05:30	9.50	DRL	2	DRILL F/ 6728' TO 6890', WOB 12, ROT 50, PS 170, PP 1650
	05:30 - 06:00	0.50	OTH		CONNECTION & SURVEYS
1/8/2007	06:00 - 12:30	6.50	DRL	2	DRILL F/ 6890' TO 7023', WOB 14-16K, ROT 50, PS 150, PP 1600
	12:30 - 13:00	0.50	RIG	1	RIG SERVICE
	13:00 - 17:00	4.00	DRL	2	DRILL F/ 7023' TO 7125', WOB 14-16K, ROT 50, PS 150, PP 1600
	17:00 - 18:00	1.00	OTH		CONNECTIONS & SURVEYS
	18:00 - 05:00	11.00	DRL	2	DRILL F/ 7125' TO 7336', WOB 14-16K, ROT 50, PS 160, PP 1760 (SLIDE 2.2 HRS - ROTATE 8.8 HRS)
	05:00 - 06:00	1.00	OTH		CONNECTION & SURVEYS
1/9/2007	06:00 - 10:00	4.00	DRL	2	DRILL F/ 7336' TO 7397', WOB 16-18K, ROT 60, PS 160, PP 16500
	10:00 - 10:30	0.50	RIG	1	RIG SERVICE
	10:30 - 11:00	0.50	OTH		CHANGE OUT ROTATING HEAD RUBBER
	11:00 - 16:30	5.50	DRL	2	DRILL F/ 7397' TO 7500', WOB 19K, ROT 60, PS 160, PP 1650
	16:30 - 18:00	1.50	OTH		CONNECTIONS & SURVEYS
	18:00 - 05:00	11.00	DRL	2	DRILL F/ 7500' TO 7700', WOB 19K, ROT 60, PS 160, PP 1650
	05:00 - 06:00	1.00	OTH		CONNECTIONS & SURVEYS
	-				(NOTE: DERRICKMAN DRILLING ON DAYLIGHTS)
1/10/2007	06:00 - 15:30	9.50	DRL	2	DRILL F/ 7700' TO 7929', WOB 20K, ROT 60, PS 190, PP 2150 (1.25 HRS SLIDE - 8.25 HRS ROTATE)

Operations Summary Report

Well Name: FR 11P-36-14-19
 Location: 36- 14-S 19-E 26
 Rig Name: UNIT

Spud Date: 11/21/2006
 Rig Release: 2/7/2007
 Rig Number: 236

Date	From - To	Hours	Code	Sub Code	Description of Operations
1/10/2007	15:30 - 17:00	1.50	RIG	2	CONNECTIONS & SURVEYS
	17:00 - 20:00	3.00	RIG	2	REPLACE 2 EA LINER GASKETS & SWAB # 1 PUMP
	20:00 - 05:00	9.00	DRL	2	DRILL F/ 7929' TO 8170', WOB 20K, ROT 60, PS 190, PP 2150 (SLIDE 1.5 HRS - ROTATE 7.5 HRS)
1/11/2007	05:00 - 06:00	1.00	OTH		CONNECTIONS & SURVEYS
	06:00 - 09:00	3.00	DRL	2	DRILL F/ 8170' TO 8242', WOB 20K, ROT 60, PS 190, PP 2200
	09:00 - 10:00	1.00	RIG	1	RIG SERVICE & CHANGE GRABBER DIES
	10:00 - 11:00	1.00	DRL	2	DRILL F/ 8242' TO 8259', WOB 20K, ROT 60, PS 190, PP 2200
	11:00 - 12:00	1.00	RIG	2	CHANGE OUT SWAB # 1 PUMP
	12:00 - 17:00	5.00	DRL	2	DRILL F/ 8259' TO 8380', WOB 20K, ROT 60, PS 190, PP 2250 (SLIDE 37' - 3 HRS - ROTATE 6 HRS)
	17:00 - 18:00	1.00	OTH		CONNECTION & SURVEYS
1/12/2007	18:00 - 20:30	2.50	DRL	2	DRILL F/ 8380' TO 8450', WOB 20K, ROT 60, PS 190, PP 2250
	20:30 - 21:30	1.00	RIG	2	CHECK SUCTION VALVES & SEATS # 2 PUMP & AIR OUT PUMP
	21:30 - 05:00	7.50	DRL	2	DRILL F/ 8450' TO 8630', WOB 20K, ROT 60, PS 190, PP 2280 (SLIDE 25' 3 HRS - ROTATE 7 HRS)
	05:00 - 06:00	1.00	OTH		CONNECTIONS & SURVEYS (INCREASE MW TO 9.6#-9.7# - POPPING SHELL)
	06:00 - 09:30	3.50	DRL	2	DRILL F/ 8630' TO 8711', WOB 20K, ROT 60, PS 190, PP 2300
	09:30 - 10:00	0.50	RIG	1	RIG SERVICE
	10:00 - 16:00	6.00	DRL	2	DRILL F/ 8711' TO 8826', WOB 20K, ROT 60, PS 190, PP 2400 (SLIDE 3.75 HRS 36' & ROTATE 5.75 HRS)
1/13/2007	16:00 - 16:30	0.50	OTH		CONNECTION & SURVEYS
	16:30 - 18:00	1.50	RIG	2	CHANGE OUT LINER & SWAB MUD PUMP # 1
	18:00 - 05:00	11.00	DRL	2	DRILL F/ 8826' TO 9100', WOB 20K, ROT 60 PS 190, PP 2450 (SLIDE 3.5 HRS, 43' - ROTATE 7.5 HRS)
	05:00 - 06:00	1.00	OTH		CONNECTIONS & SURVEYS
	06:00 - 13:30	7.50	DRL	2	DRILL F/ 9100' TO 9273', WOB 20K, ROT 60, PS 190, PP 2750 (SLIDE -2.25 HR 18' - ROTATE - 5.75 HRS) BATTERY FAILURE MWD TOOL
	13:30 - 14:00	0.50	OTH		CONNECTIONS & SURVEYS
	14:00 - 15:00	1.00	CIRC	1	CIRCULATE, MIX & PUMP DRY SLUG
1/14/2007	15:00 - 23:00	8.00	TRP	2	TOOH W/ BIT # 5
	23:00 - 01:30	2.50	TRP	1	CHANGE OUT MUD MOTOR, BIT, BATTERY IN MWD & ORIENT
	01:30 - 05:30	4.00	TRP	2	TIH TO 4000' W/ BIT # 6
	05:30 - 06:00	0.50	RIG	2	REPLACE GRABBER DIE PLATES & CHANGE OUT ACTUATOR ON TESCO TOP DRIVE
	06:00 - 10:00	4.00	RIG	2	CHANGE OUT GRABBER DIE PLATES, ACCUATOR & HYDRAULIC BALL VALVE
	10:00 - 11:30	1.50	TRP	2	TIH TO 6675' TIGHT
	11:30 - 06:00	18.50	REAM	1	WASH & REAM F/ 6675' TO 6835' - 7051' TO 9200'
1/15/2007	06:00 - 07:00	1.00	DRL	2	WASH & REAM F/ 9200' TO 9273'
	07:00 - 09:00	2.00	DRL	2	DRILL F/ 9273' TO 9299', WOB 12K, ROT 60, PS 190, PP 2700 (SLIDE - 1.5 HR - ROTATE .5 HR)
	09:00 - 10:00	1.00	RIG	2	TESCO TOP DRIVE ACCUATOR VALVE LEAKING, STOP LEAK & ADD OIL
	10:00 - 12:00	2.00	DRL	2	DRILL F/ 9299' TO 9328', WOB 12K, ROT 60, PS 190, PP 2700 (SLIDE 1.75 HR - ROTATE .25 HR TOTAL 2')
	12:00 - 13:00	1.00	RIG	2	CHANGE OUT BROKEN PONY ROD # 2 MUD PUMP
	13:00 - 14:00	1.00	CIRC	1	CIRCULATE, MIX & PUMP DRY SLUG (PROBLEM W/ BULK BIN COMPRESSOR)
	14:00 - 20:00	6.00	TRP	10	TOOH W/ BIT # 6
	20:00 - 21:00	1.00	TRP	10	CHANGE BITS & CHECK MUD MOTOR
	21:00 - 00:00	3.00	TRP	10	TIH W/ BIT # 7 TO CSG SHOE
	00:00 - 01:00	1.00	RIG	5	THAW STANDPIPE VALVE & FILL PIPE
01:00 - 02:00	1.00	RIG	2	REPLACE ACCUATOR VALVE ON TESCO TOP DRIVE	
02:00 - 05:30	3.50	TRP	10	TIH TO 9180'	
05:30 - 06:00	0.50	REAM	1	SAFETY WASH & REAM TO 9328' (NO FILL)	

Operations Summary Report

Well Name: FR 11P-36-14-19
 Location: 36- 14-S 19-E 26
 Rig Name: UNIT

Spud Date: 11/21/2006
 Rig Release: 2/7/2007
 Rig Number: 236

Date	From - To	Hours	Code	Sub Code	Description of Operations	
1/16/2007	06:00 - 07:00	1.00	REAM	1	FINISH WASH & REAM TO 9328' (SAFETY)	
	07:00 - 14:30	7.50	DRL	2	DRILL F/ 9328' TO 9459' , WOB 45K, ROT 40, PS 170, PP 2200 SLIDING 18' PER HOUR	
	14:30 - 15:00	0.50	RIG	1	RIG SERVICE	
	15:00 - 18:00	3.00	DRL	2	DRILL F/9459' TO 9523' WOB 45, ROT 40, PS 170, PP 2200 SLIDING 18' PER HOUR	
	18:00 - 19:30	1.50	DRL	2	DRILL F/9523' TO 9557' WOB 45, ROT 40, PS 170, PP 2200	
	19:30 - 20:30	1.00	RIG	2	WORK ON #1 PUMP REPLACE SWAB	
	20:30 - 02:00	5.50	DRL	2	DRILL F/9557' TO 9649' WOB 45, ROT 40, PS 170, PP 2200 SLIDE TO DROP ANGLE	
	02:00 - 04:00	2.00	RIG	2	WORK ON #2 PUMP CHANGE SWAB AND LINER GASKET	
	04:00 - 06:00	2.00	DRL	2	DRILL F/9649' TO 9700' WOB 45, ROT 40, PS 170, PP 2250 SLIDE TO DROP ANGLE SLIDING AT 20' PER HOUR	
	1/17/2007	06:00 - 14:30	8.50	DRL	2	DRILL F/9700' TO 9831' WOB 45, ROT 40, PS 170, PP 2250 SLIDE TO DROP ANGLE, SLIDING 16-18 FPH
14:30 - 15:00		0.50	RIG	1	RIG SERVICE	
15:00 - 06:00		15.00	DRL	2	DRILL F/9831' TO 10040' WOB 45, ROT 40, PS 180, PP 2250 HAVING TO SLIDE 25' PER 31' TO DROP ANGLE BACKGROUND GAS IS STAYING AT 3200 SLOWLY DROPPING	
1/18/2007	06:00 - 11:00	5.00	DRL	2	DRILL F/10040' TO 10109' WOB 45, ROT 40, PPS 180, PP 2270 SLIDE TO DROP ANGLE 10' TO 18' PER HOUR	
	11:00 - 11:30	0.50	CIRC	1	CIRCULATE	
	11:30 - 15:30	4.00	TRP	10	TRIP OUT TO HWDP	
	15:30 - 17:30	2.00	RIG	6	SLIP AND CUT DRILLING LINE	
	17:30 - 18:00	0.50	RIG	1	RIG SERVICE	
	18:00 - 23:00	5.00	ISP	1	INSPECT BHA	
	23:00 - 04:30	5.50	TRP	10	TRIP IN WITH BIT #8 FILL PIPE EVERY 30 STDS	
	04:30 - 05:00	0.50	REAM	1	WASH AND REAM LAST STAND TO BOTTOM (PRECAUTIONARY)	
	05:00 - 06:00	1.00	CIRC	1	CIRCULATE GAS OUT	
	1/19/2007	06:00 - 13:30	7.50	DRL	2	DRILL F/10109' TO 10208' WOB 45, ROT 40, PS180, PP 2270 SLIDE 25' ROT 6' TO DROP ANGLE
13:30 - 14:00		0.50	RIG	1	RIG SERVICE	
14:00 - 05:00		15.00	DRL	2	DRILL F/10208' TO 10550' WOB 45, ROT 40, PS 180, PP 2550, SURVEY AT 10334' WAS 1.56 INC WITH 40' OF SLIDE BEHIND NEXT SURVEY 10427' 2.5 SLIDE TO DROP ANGLE	
1/20/2007	05:00 - 06:00	1.00	SUR	1	CONNECTION AND SURVEY	
	06:00 - 07:00	1.00	DRL	1	DRILL F/10550' TO 10560' WOB 45, ROT 40, PS 180, PP 2250	
	07:00 - 14:00	7.00	CIRC	1	CIRCULATE TO DROP MW FROM 9.6 TO 9.3	
	14:00 - 02:00	12.00	DRL	2	DRILL F/10560' TO 10737' WOB 45, ROT 40, PS 180, PP 2500 SLIDE TO MAINTAIN ANGLE SLIDING DOWN BUT STILL BUILDING ANGLE	
	02:00 - 03:00	1.00	CIRC	1	WORK TIGHT HOLE, DRILLED FRACTURE AND GOT A ROCK ABOVE BIT	
1/21/2007	03:00 - 04:30	1.50	DRL	2	DRILL F/10737' TO 10755' WOB 45, ROT 40, PS 180, PP 2500	
	04:30 - 05:30	1.00	CIRC	1	CIRCULATE AND PUMP PILL	
	05:30 - 06:00	0.50	TRP	10	TRIP OUT BIT #8	
	06:00 - 13:00	7.00	TRP	10	TRIP OUT BIT #8 TIGHT FIRST 7 STDS, LOST TURBO ON #2 MOTOR, #3 MOTOR LOCK UP	
	13:00 - 14:00	1.00	TRP	1	LAY DOWN DIRECTIONAL TOOLS AND REPLACE JARS	
	14:00 - 16:00	2.00	RIG	2	RIG SERVICE, CHANGE AIR RAM ON CROWNOMATIC	
	16:00 - 19:30	3.50	TRP	10	TRIP IN BIT #9 TO SHOE	
	19:30 - 06:00	10.50	RIG	2	CHANGE TURBO ON #2 FLOOR MOTOR, TROUBLE SHOOT #3 MOTOR, POSSIBLE TORQUE CONVERTER PROBLEMS	
	1/22/2007	06:00 - 23:00	17.00	RIG	2	RIG REPAIR, CHANGE TURBO ON #2 MOTOR, REPLACE TORQUE CONVERTER ON #3 MOTOR

Operations Summary Report

Well Name: FR 11P-36-14-19
 Location: 36- 14-S 19-E 26
 Rig Name: UNIT

Spud Date: 11/21/2006
 Rig Release: 2/7/2007
 Rig Number: 236

Date	From - To	Hours	Code	Sub Code	Description of Operations
1/22/2007	23:00 - 02:30	3.50	TRP	10	TRIP IN WITH BIT #9
	02:30 - 03:00	0.50	REAM	1	WASH AND REAM LAST STD TO BOTTOM
	03:00 - 04:00	1.00	CIRC	1	CIRCULATE GAS OUT, 20 BBL GAIN 6' FLARE
1/23/2007	04:00 - 06:00	2.00	DRL	1	DRILL F/10755' TO 10780' WOB 16, ROT 20, PS 85, PP 2050
	06:00 - 07:00	1.00	DRL	1	DRILL F/10780' TO 10805' WOB 6, ROT 25, PS 170, PP 2000
	07:00 - 08:00	1.00	RIG	2	RIG REPAIR, CHANGE SWABS ON #2 PUMP
	08:00 - 06:00	22.00	DRL	1	DRILL F/10805' TO 10990' WOB 2-18, ROT 25, PS 170, PP 2050 MORRISON VERY INNER BEDDED STALLING MUD MOTOR
1/24/2007	06:00 - 11:30	5.50	DRL	1	DRILL F/10990' TO 11021' WOB 24, ROT 25, PS 170, PP 2050
	11:30 - 12:00	0.50	CIRC	1	CIRCULATE
	12:00 - 12:30	0.50	SUR	1	DROP SURVEY
	12:30 - 13:00	0.50	CIRC	1	PUMP WEIGHTED PILL
	13:00 - 20:00	7.00	TRP	10	TRIP OUT BIT #9 TIGHT FIRST 4 STDS, CHANGE OUT MUD MOTOR
	20:00 - 00:30	4.50	TRP	10	TRIP IN BIT #10
	00:30 - 01:30	1.00	CIRC	1	CIRCULATE GAS OUT REAM LAST 2 STDS TO BOTTOM
1/25/2007	01:30 - 06:00	4.50	DRL	1	DRILL F/11021' TO 11065' WOB 45, ROT 35, PS 160, PP 2540
	06:00 - 10:00	4.00	DRL	1	DRILL F/11065' TO 11111' WOB 50, ROT 35, PS170, PP 2500
	10:00 - 10:30	0.50	RIG	1	RIG SERVICE
1/26/2007	10:30 - 11:00	0.50	RIG	1	REPAIR COLD SERVICE BUTTON ON TOP DRIVE CONTROLL PANEL
	11:00 - 06:00	19.00	DRL	1	DRILL F/11111' TO 11305' WOB 35-50, ROT 25, PS 160, PP 2330
	06:00 - 17:30	11.50	DRL	1	DRILL F/11305' TO 11396' WOB 50, ROT 30, PS 170, PP 2300
	17:30 - 18:00	0.50	RIG	1	RIG SERVICE
	18:00 - 21:00	3.00	TRP	10	DRILL F/11396' TO 11407' WOB 45, ROT 30, PS 170, PP 2300
1/27/2007	21:00 - 22:00	1.00	CIRC	1	DROP SURVEY AND PUMP PILL
	22:00 - 06:00	8.00	TRP	10	TRIP OUT BIT #10, WET TIGHT FIRST 12 STDS MW 9.2
	06:00 - 07:30	1.50	TRP	10	TRIP OUT BIT #10
	07:30 - 10:30	3.00	RIG	2	REPLACE FRICTION DISCS IN MASTER CLUTCH
	10:30 - 11:00	0.50	OTH		PULL WEAR BUSHING
	11:00 - 14:30	3.50	BOP	2	TEST BOP, 5000 HIGH 250 LOW, ANNULAR 3500 HIGH AND 250 LOW AND STAND PIPE
	14:30 - 15:00	0.50	OTH		INSTALL WEAR BUSHING
	15:00 - 17:00	2.00	TRP	10	TRIP IN WITH BIT #11 TO SHOE
	17:00 - 18:30	1.50	RIG	6	SLIP AND CUT DRILLING LINE
	18:30 - 21:30	3.00	TRP	10	FINISH TRIP IN WITH BIT #11
1/28/2007	21:30 - 23:00	1.50	CIRC	1	CIRCULATE GAS OUT 15' FLARE 13 BBL GAIN
	23:00 - 04:30	5.50	DRL	1	DRILL F/11407' TO 11487' WOB 15, ROT 25, PS 170, PP 2425
	04:30 - 05:30	1.00	RIG	2	CHANGE SWABS IN #2 PUMP
	05:30 - 06:00	0.50	DRL	1	DRILL F/11487' TO 11500' WOB 16, ROT 25, PS 170, PP 2425
	06:00 - 15:30	9.50	DRL	1	DRILL F/11500' TO 11658' WOB 16, ROT 20, PS 170, PP 2500
	15:30 - 17:00	1.50	RIG	2	CHANGE SWAB IN #2 PUMP
	17:00 - 02:00	9.00	DRL	1	DRILL F/11658' TO 11678' WOB 28, ROT 20, PS 1700, PP 2500
	02:00 - 02:30	0.50	CIRC	1	DROP SURVEY AND PUMP PILL
	02:30 - 03:00	0.50	TRP	10	TRIP OUT BIT #11 TIGHT OVERPULL 140000 WITH OR WITH OUT PUMPS
	03:00 - 03:30	0.50	RIG	2	REPLACE GRABBER DIES IN TOP DRIVE
1/29/2007	03:30 - 06:00	2.50	TRP	10	TRIP OUT
	06:00 - 12:00	6.00	TRP	10	TRIP OUT BIT #11
	12:00 - 14:00	2.00	TRP	1	LAY DWON MUD MOTOR AND STRING MILL, PICK UP NEW MUD MOTOR .16
	14:00 - 20:30	6.50	TRP	10	TRIP IN BIT #12
1/30/2007	20:30 - 22:00	1.50	CIRC	1	CIRCULATE GAS OUT 5' FLARE
	22:00 - 06:00	8.00	DRL	1	DRILL F/11678' TO 11798' WOB 16-25, ROT 25, PS 170, PP 2310
	06:00 - 11:00	5.00	DRL	1	DRILL F/11798' TO 11860' WOB 25, ROT 25, PS 170, PP 2450
	11:00 - 11:30	0.50	RIG	1	RIG SERVICE
	11:30 - 04:30	17.00	DRL	1	DRILL F/11860' TO 12065' WOB 30, ROT 25, PS 170, PP 2215

Operations Summary Report

Well Name: FR 11P-36-14-19
 Location: 36- 14-S 19-E 26
 Rig Name: UNIT

Spud Date: 11/21/2006
 Rig Release: 2/7/2007
 Rig Number: 236

Date	From - To	Hours	Code	Sub Code	Description of Operations
1/30/2007	04:30 - 05:00	0.50	SUR	1	DROP SURVEY
	05:00 - 06:00	1.00	TRP	10	TRIP OUT BIT #12
1/31/2007	06:00 - 14:00	8.00	TRP	10	TRIP OUT BIT #12 PUMPED FIRST 5 STDS OUT AND THEN PULLED UP 40000 15 STDS
	14:00 - 15:00	1.00	TRP	10	RECOVER SURVEY TOOL AND CHANGE BIT
	15:00 - 21:00	6.00	TRP	10	TRIP IN BIT #13
	21:00 - 21:30	0.50	REAM	1	WASH AND REAM LAST 2 STDS TO BOTTOM (PRECAUTIONARY)
	21:30 - 06:00	8.50	DRL	1	DRILL F/12065' TO 12168' WOB 28, ROT 25, PS 170, PP 2470
2/1/2007	06:00 - 17:00	11.00	DRL	1	DRILL F/12168' TO 12280' WOB 28, ROT 25, PS 170, PP 2250 TD
	17:00 - 18:00	1.00	CIRC	1	CIRCULATE
	18:00 - 22:30	4.50	TRP	14	WIPER TRIP 20 STDS CIRCULATE FIRST 10 STDS OUT
	22:30 - 00:30	2.00	RIG	2	REPAIR LOW DRUM CHAIN
	00:30 - 02:30	2.00	TRP	14	FINISH WIPER TRIP
	02:30 - 03:30	1.00	CIRC	1	CIRCULATE
	03:30 - 06:00	2.50	TRP	14	WIPER TRIP 20 STDS
2/2/2007	06:00 - 09:00	3.00	TRP	15	FINISH WIPER TRIP
	09:00 - 10:00	1.00	CIRC	1	CIRCULATE
	10:00 - 10:30	0.50	SUR	1	DROP SURVEY
	10:30 - 18:00	7.50	TRP	2	TOOH TO BHA (SLM 4.14' DIFFERENCE - NO CHANGE)
	18:00 - 19:00	1.00	OTH	1	SCHLUMBERGER TOOL DELAYED OUT OF VERNAL
	19:00 - 20:30	1.50	TRP	2	FINISH TOOH
	20:30 - 22:00	1.50	LOG	1	SAFETY MEETING, R/U SCHLUMBERGER LOGGERS
	22:00 - 06:00	8.00	LOG	1	RUN # 1 TRIPLE COMBO (LOGGERS DEPTH 12257') RUN # 2 SONIC GAMMA RAY
2/3/2007	06:00 - 07:30	1.50	LOG	1	CHANGE OUT SOCKET ON SCHLUMBERGER WIRE LINE
	07:30 - 13:30	6.00	LOG	1	RUN # 2 SONIC GAMMA RAY
	13:30 - 14:00	0.50	LOG	1	R/D LOGGERS
	14:00 - 14:30	0.50	RIG	1	RIG SERVICE
	14:30 - 17:00	2.50	TRP	2	TIH TO SHOE
	17:00 - 19:00	2.00	RIG	6	SLIP & CUT DRILL LINE & INSPECT BRAKE LINKAGE
	19:00 - 22:30	3.50	TRP	2	TIH
	22:30 - 23:00	0.50	REAM	1	WASH & REAM LAST 2 STANDS (PRECAUTIONARY, NO FILL)
	23:00 - 02:00	3.00	CIRC	1	CIRCULATE & CONDITION MUD (FRANKS SCHEDULED ON LOCATION 0200 HRS)
	02:00 - 03:30	1.50	CIRC	1	CIRCULATE & W O FRANKS LAY DOWN TRUCK
	03:30 - 05:00	1.50	CSG	1	SAFETY MEETING, R/U FRANKS LAY DOWN TRUCK
	05:00 - 06:00	1.00	TRP	3	TOOH L/D DRILL PIPE @ 12080'
2/4/2007	06:00 - 16:30	10.50	TRP	3	TOOH LAYING DOWN DRILL PIPE (ROTATE OUT FIRST 23 JTS)
	16:30 - 18:30	2.00	TRP	1	TOOH LAYING DOWN BHA
	18:30 - 20:00	1.50	OTH	1	PULL WEAR BUSHING
	20:00 - 22:30	2.50	CSG	1	SAFETY MEETING, R/U FRANKS CASING CREW
	22:30 - 06:00	7.50	CSG	2	RUN 190 JTS 5-1/2", 17#, P110 LT&C CASING @ 8600' (FLOAT SHOE-2 SHOE JTS-FLOAT COLLAR & CENTRALIZERS ON EVERY OTHER JT)
2/5/2007	06:00 - 09:00	3.00	CSG	2	FINISH RUNNING TOTAL 272 JTS 5-1/2" CASING. P/U LANDING JT, WOULD NOT PASS 12242', PLANNED SHOE DEPTH @ 12260' (FLOAT SHOE @ 12242' & FLOAT COLLAR @ 12150.4')
	09:00 - 11:00	2.00	OTH	1	WORK CASING & CIRCULATE. UNABLE TO INSTALL ROTATING RUBBER. RIG DOWN CASING CREW
	11:00 - 12:30	1.50	CIRC	1	CLOSE ANNULAR & CIRCULATE OUT GAS THROUGH CHOKE
	12:30 - 14:00	1.50	OTH	1	ATTEMPT TO WASH CASING DOWN, NO PROGRESS
	14:00 - 15:30	1.50	CMT	1	SAFETY MEETING, R/U HALIBURTON CEMENTERS
	15:30 - 18:30	3.00	CMT	2	TEST CMT LINES W/ 6772 PSI, TEST N2 LINES W/ 9094 PSI, PUMP 10 BBL WATER, 20 BBL 9.2# SUPER FLUSH & 10 BBL WATER. PUMP 1260 SKS (330

Operations Summary Report

Well Name: FR 11P-36-14-19
 Location: 36- 14-S 19-E 26
 Rig Name: UNIT

Spud Date: 11/21/2006
 Rig Release: 2/7/2007
 Rig Number: 236

Date	From - To	Hours	Code	Sub Code	Description of Operations
2/5/2007	15:30 - 18:30	3.00	CMT	2	BBL, 11PPG OF FOAMED LEAD CEMENT W/ 1.47FT/SK YIELD FOLLOWED W/ 90 SKS (23.56 BBL) UNFOAMED TAIL CEMENT W/ 1.47FT/SK YIELD. DROP PLUG & DISPLACE W/ 284 BBL WATER. BUMP PLUG W/ 2522 PSI. FLOAT HELD. FULL RETURNS DURING JOB.
	18:30 - 19:30	1.00	CMT	1	R/D CEMENTERS
	19:30 - 02:30	7.00	WOT	1	WAIT ON CEMENT (+/- 2 BBL MUD FLOWED AFTER OPENING ANNULUS VALVE ON "B" SECTION. NO PRESSURE)
2/6/2007	02:30 - 06:00	3.50	WOT	4	WAIT ON DOUBLE JACK BOP LIFT TRUCK
	06:00 - 07:30	1.50	WOT	4	WO DOUBLEJACK BOP LIFT TRUCK
	07:30 - 10:30	3.00	BOP	1	SAFETY MEETING, R/U LIFT TRUCK & P/U BOP TO SET EMERGENCY SLIPS
	10:30 - 11:00	0.50	BOP	1	WIRE ROPE ON LIFT BROKE DROPPING ONE SIDE OF BOP ON TOP OF "B" SECTION FLANGE
	11:00 - 16:30	5.50	WOT	4	WAIT ON NEW WIRE ROPE
2/7/2007	16:30 - 18:30	2.00	BOP	1	INSTALL NEW WIRE ROPE ON BOTH LIFTS
	18:30 - 19:00	0.50	BOP	1	P/U BOP, FOUND RING GROOVE ON "B" SECTION DAMAGED
	19:00 - 20:00	1.00	BOP	1	SLACK OFF ON CSG WEIGHT, SET BOP ON B SECTION
	20:00 - 06:00	10.00	BOP	1	WAIT ON TOOLS & EQUIPMENT TO REPLACE "B" SECTION
	06:00 - 08:30	2.50	BOP	1	LIFT BOP, CUT CASING, SET & SECURE BOP
	08:30 - 09:30	1.00	BOP	1	L/D LANDING JT W/ CUT OFF CSG, R/D DOUBLEJACK LIFT TRUCK
	09:30 - 13:30	4.00	BOP	1	N/D & SET OUT BOP
	13:30 - 20:30	7.00	WHD	1	SET OUT "C" SECTION, PREPARE & PULL "B" SECTION, CHANGE OUT PACKOFF BUSHING, INSTALL NEW "B" SECTION & TEST W/5000 PSI, SPEAR INTO CASING, SET SLIPS W/ 170000#
	20:30 - 00:00	3.50	WHD	1	FINAL CUT ON CASING, INSTALL TUBING SPOOL & PRESSURE TEST W/ 5000 PSI
	00:00 - 06:00	6.00	LOC	4	L/D SPEAR & CUT OFF CASING. RIG DOWN TOP DRIVE & RIG FLOOR - RIG RELEASED @ 0600 HOURS 2/7/2007

Operations Summary Report

Well Name: FR 11P-36-14-19
 Location: 36- 14-S 19-E 26
 Rig Name: UNIT

Spud Date: 11/21/2006
 Rig Release: 2/7/2007
 Rig Number: 236

Date	From - To	Hours	Code	Sub Code	Description of Operations
2/22/2007	06:00 - 16:00	10.00	LOC	4	<p>On 2/21/07 MIRU Basin Well Service #1 to start completion of well.</p> <p>24 Hour Forecast: Will run gauge ring & bond log.</p> <p>Csg Size: 5-1/2" 17# P-110 Csg Depth: 12241', FC @ 12151'</p>
2/26/2007	06:00 - 16:00	10.00	LOG	4	<p>On 2/22/07, MIRU Lone Wolf Wireline and ran a 4-3/4" gauge ring to 340' and stacked out several times. RIH w/ a 3.70" gauge ring to tag @ 12100' - OK. Ran a CBL/DVL/GR log from 12096' to 3100' with top of cement est at 3650'. Correlated to the Schlumberger Comp. Neutron Density log dated 2/1/07. RDMO Lone Wolf Wireline and NU WH and SIFW.</p> <p>24 Hour Forecast: Will start to RIH w/ bit & scraper & new 2-3/8" tbg.</p> <p>Csg Size: 5-1/2" 17# P-110 Csg Depth: 12241', FC @ 12151'</p>
2/27/2007	06:00 - 16:00	10.00	BOP	1	<p>On 2/26/07, ND WH & NU BOP's. Tally & rabbit in the hole w/ a 4-3/4" bit & 5-1/2" csg scraper & new 2-3/8" EUE 8rd 4.7# P-110 tbg to 8950'. Checked for drag @ 6000' & 8900' both up & down and had 2000# over and could rotate with tbg tongs. SIFN.</p> <p>24 Hour Forecast: Will continue to RIH to tag & check for rotation & drag.</p> <p>Csg Size: 5-1/2" 17# P-110 Csg Depth: 12241', FC @ 12151'</p>
2/28/2007	06:00 - 16:00	10.00	TRP	2	<p>On 2/27/07, SICP & SITP = 0#. Continue in the hole with bit and scraper and tbg and tag PBTD @ 12111'. Have no serious drag, 4000# over, but could not rotate with tongs at 12000'. Pull bit to 11460'. Land tbg in hanger @ 11469'. Close rams on BOP and SI the well pending replacement rig.</p> <p>24 Hour Forecast: Will attempt to RDMO Basin Well Service.</p> <p>REPORT DISCONTINUED UNTIL FURTHER ACTIVITY.</p> <p>Csg Size: 5-1/2" 17# P-110 Csg Depth: 12241', FC @ 12151'</p>

Questar E & P					Page 1 of 11
Operations Summary Report					
Well Name: FR 11P-36-14-19			43-049-38349		Spud Date: 11/21/2006
Location: 36-14-S 19-E 26					Rig Release: 2/7/2007
Rig Name: UNIT					Rig Number: 236
Date	From - To	Hours	Code	Sub Code	Description of Operations
2/22/2007	06:00 - 16:00	10.00	LOC	4	On 2/21/07 MIRU Basin Well Service #1 to start completion of well. 24 Hour Forecast: Will run gauge ring & bond log. Csg Size: 5-1/2" 17# P-110 Csg Depth: 12241', FC @ 12151'
2/26/2007	06:00 - 16:00	10.00	LOG	4	On 2/22/07, MIRU Lone Wolf Wireline and ran a 4-3/4" gauge ring to 340' and stacked out several times. RIH w/ a 3.70" gauge ring to tag @ 12100' - OK. Ran a CBL/DVL/GR log from 12096' to 3100' with top of cement est at 3650'. Correlated to the Schlumberger Comp. Neutron Density log dated 2/1/07. RDMO Lone Wolf Wireline and NU WH and SIFW. 24 Hour Forecast: Will start to RIH w/ bit & scraper & new 2-3/8" tbg. Csg Size: 5-1/2" 17# P-110 Csg Depth: 12241', FC @ 12151'
2/27/2007	06:00 - 16:00	10.00	BOP	1	On 2/26/07, ND WH & NU BOP's. Tally & rabbit in the hole w/ a 4-3/4" bit & 5-1/2" csg scraper & new 2-3/8" EUE 8rd 4.7# P-110 tbg to 8950'. Checked for drag @ 6000' & 8900' both up & down and had 2000# over and could rotate with tbg tongs. SIFN. 24 Hour Forecast: Will continue to RIH to tag & check for rotation & drag. Csg Size: 5-1/2" 17# P-110 Csg Depth: 12241', FC @ 12151'
2/28/2007	06:00 - 16:00	10.00	TRP	2	On 2/27/07, SICP & SITP = 0#. Continue in the hole with bit and scraper and tbg and tag PBTD @ 12111'. Have no serious drag, 4000# over, but could not rotate with tongs at 12000'. Pull bit to 11460'. Land tbg in hanger @ 11469'. Close rams on BOP and SI the well pending replacement rig. 24 Hour Forecast: Will attempt to RDMO Basin Well Service. REPORT DISCONTINUED UNTIL FURTHER ACTIVITY. Csg Size: 5-1/2" 17# P-110 Csg Depth: 12241', FC @ 12151'
3/10/2007	06:00 - 16:00	10.00	STIM	3	Resumption of report discontinued with 2/28/07 report. On 3/5/07 MI Leed Well Service #600 rig. SDFN. On 3/6/07 RU Leed Well Service. Circ hole with tbg @ 11469' w/ 2% KCL water. POOH w/ 120 jts of tbg & SIFN. On 3/7/07 SITP & SICP = 0#. Finish POOH w/ tbg, bit and scraper. Change out pipe ram to blind ram and SIFN. On 3/8/07 MIRU Stinger Wellhead isolation frac head assembly and Cutters WL and Halliburton frac crew with CO2 assist. Pressure test csg., BOP's, Stinger and flow back manifold to 8500'. Final test OK. Perforate the following Entrada intervals with Cutters WL using a 3-3/8" csg gun and "Power-Pak" charges at 3 JPF and 120" phasing per the CBL log dated 2/22/07: 11705' - 11707'; 11728' - 11730'; 11758' - 11760'; 11774' - 11776'; 11789' - 11791'; 11842' - 11844'; 11856' - 11858' & 11932' - 11934' (32 holes). Breakdown the perfs down csg with 2% KCL water at 3585#. Pump 10 bbls of 2% KCL water at 3 BPM at 2910#. ISIP = 2550#. SIFN. On 3/9/07 frac gross perforated Entrada interval 11705' - 11934' down 5-1/2" csg using the above companies as follows: Frac in various stages using a 70% CO2 Purgel III HT system with 5000# of 100 mesh sand and 84500# of PRC 20/40 mesh sand. Total of 500 bbls of fluid and 160 ton of CO2. Max rate = 58.7 BPM; avg rate

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Operations Summary Report

Well Name: FR 11P-36-14-19
 Location: 36- 14-S 19-E 26
 Rig Name: UNIT

Spud Date: 11/21/2006
 Rig Release: 2/7/2007
 Rig Number: 236

Date	From - To	Hours	Code	Sub Code	Description of Operations
3/10/2007	06:00 - 16:00	10.00	STIM	3	<p>= 47.0 BPM; max psi = 7932#; avg psi = 5886#. Staged 1/2 ppg to 3.5 ppg 20/40 mesh sand. Flushed successfully. ISIP = 3717#. FG = .75. Lubricate in a 5-1/2" comp frac plug & set @ 11500'.</p> <p>Zone #2 - Perforate the following Buckhorn intervals per the above gun and log: 10961' - 10971'; (30 holes) & 10981' - 10983' (6 holes) and Morrison intervals 11269' - 11273' (12 holes). Frac gross perforated Buckhorn/Morrison intervals 10961' - 11273' with the above system down csg in various stages and 70% CO2 assist with a total of 5000# of 100 mesh sand and 91000# of 20/40 mesh PRC sand. Total of 150 ton of CO2. Sand concentration from 1/2 ppg to 3.5 ppg. Max rate = 47.8 BPM; avg rate = 40.6 BPM; max psi = 7542#; avg psi = 6858#; ISIP = 4967# (.88). Attempt to lubricate in a comp. frac plug 2 different times and had trouble stacking out with plugs at 350' and 1365'. Lay down plugs. Perforate per the above gun the following intervals: Dakota Silt = 10584' - 10592' (24 holes) and Dakota 10736' - 10740' and 10765' - 10770' (12 holes each/24 holes).</p> <p>Zone #3 Frac gross perforated Dakota Silt & Dakota intervals 10584' - 10770' using the above system and 70% foam asst. with 5000# of 100 mesh sand and 43M# of 20/40 mesh PRC. Total of 357 bbls. Total of 90 ton of CO2. Flush successfully. Max rate = 43.3 BPM and avg rate = 36.6 BPM. Max psi = 8163#, avg psi = 7212#. ISIP = 4999# (.91). RDMO Service companies. Note: Total fluid on Stage #2 = 553 bbls.</p> <p>24 Hour Forecast:</p> <p>Csg Size: 5-1/2" 17# P-110 Csg Depth: 12241', FC @ 12151'</p> <p>LLTR: 1700 bbls</p> <p>Perfs: Entrada 11932' - 11934' 11856' - 11858' 11842' - 11844' 11789' - 11791' 11774' - 11776' 11728' - 11730' 11705' - 11707' Buckhorn 10981' - 10983' 10964' - 10971' Morrison 11269' - 11273' Dakota Silt 10584' - 10592' Dakota 10766' - 10770' 10736' - 10740'</p>
3/12/2007	06:00 - 16:00	10.00	PTST	2	<p>On PM of 3/9/07 after a 4 hour SI period SICIP = 3600#. Open csg on a 28/64" choke and continue to flow the csg on a 28/64" choke and at 8:00 AM on 3/10/07 FCP = 1100# with a slight trace of sand and has stabilized at 1100 - 1200# with an est rate of 15-20 BPH of CO2 cut water. Continue to flow the well to the pit to clean up.</p> <p>At 7:00 AM on 3/11/07 FCP = 1050# on a 28/64" choke with an est rate of 5 BPH of</p>

Operations Summary Report

Well Name: FR 11P-36-14-19
 Location: 36- 14-S 19-E 26
 Rig Name: UNIT

Spud Date: 11/21/2006
 Rig Release: 2/7/2007
 Rig Number: 236

Date	From - To	Hours	Code	Sub Code	Description of Operations
3/12/2007	06:00 - 16:00	10.00	PTST	2	<p>CO2 cut water. Est total recovery of 395 bbls. Continue to flow test. SI the well at 10:30 PM on 3/11/07 due to leaks developing on flow back manifold. Will wait until light on 3/12/07 and review, repair and continue to flow back well. Total est recovery as of 10:30 PM on 3/11/07 is 470 bbls. Final FCP prior to SI was 1500# on a 28/64" - wrong data!!!!</p> <p>24 Hour Forecast: Continue flow back.</p> <p>Csg Size: 5-1/2" 17# P-110 Csg Depth: 12241', FC @ 12151'</p> <p>LLTR: 1230 bbls</p> <p>Perfs: Entrada 11932' - 11934' 11856' - 11858' 11842' - 11844' 11789' - 11791' 11774' - 11776' 11728' - 11730' 11705' - 11707' Buckhorn 10981' - 10983' 10964' - 10971' Morrison 11269' - 11273' Dakota Silt 10584' - 10592' Dakota 10766' - 10770' 10736' - 10740'</p>
3/13/2007	06:00 - 16:00	10.00	PTST	2	<p>On 3/12/07 SICP-2300# after a 11 hour SI period. Replace washed out fittings. Open the csg. to the pit and flow the csg.on various chokes with a final choke of a 22/64" choke for the last 6 hours with a stabalized FCP of 2100# with an est. 30-40 bbl.per hour of CO2 gas cut water and an est.recovery today of 279 bbl.and no sand. SI the well at 5:00PM on 3/12/07. On 3/13/07 will lubricate in a compsite BP and RIH with mill and tbg..</p> <p>Csg Size: 5-1/2" 17# P-110 Csg Depth: 12241', FC @ 12151'</p> <p>Load from yesterday: 1230 Minus daily recovery: 28 LLTR: 950</p> <p>Perfs: Entrada 11932' - 11934' 11856' - 11858' 11842' - 11844' 11789' - 11791' 11774' - 11776'</p>

Operations Summary Report

Well Name: FR 11P-36-14-19
 Location: 36- 14-S 19-E 26
 Rig Name: UNIT

Spud Date: 11/21/2006
 Rig Release: 2/7/2007
 Rig Number: 236

Date	From - To	Hours	Code	Sub Code	Description of Operations
3/13/2007	06:00 - 16:00	10.00	PTST	2	11728' - 11730' 11705' - 11707' Buckhorn 10981' - 10983' 10964' - 10971' Morrison 11269' - 11273' Dakota Silt 10584' - 10592' Dakota 10766' - 10770' 10736' - 10740'
3/14/2007	06:00 - 16:00	10.00	PERF	2	On AM of 3/13/07 SICP=2700#. MIRU Cutters WL and set a 5-1/2" composite BP at 10500'. RDMO Cutters WL. Bled off csg. RIH with 4-3/4" mill and pump-off bit sub assembly and 2-3/8" tbg to 3000' and SIFN. On 3/14/07 will start to drill out plugs and clean out well. Foam unit is on location. Csg Size: 5-1/2" 17# P-110 Csg Depth: 12241', FC @ 12151' LLTR: 950 Perfs: Entrada 11932' - 11934' 11856' - 11858' 11842' - 11844' 11789' - 11791' 11774' - 11776' 11728' - 11730' 11705' - 11707' Buckhorn 10981' - 10983' 10964' - 10971' Morrison 11269' - 11273' Dakota Silt 10584' - 10592' Dakota 10766' - 10770' 10736' - 10740'
3/16/2007	06:00 - 16:00	10.00	STIM	3	On 3/14/07 SICP=100#. Open csg. and bled off well. RIH with 4-1/4" mill and pump off bit sub assembly and tbg. to kill plug at 10500'. Drill out kill plug and continue in the hole to 10650' and circ. hole clean with foam unit. SIFN. On 3/15/07 will continue to clean out well. On 3/15/07 SICP=1200#. Bled csg and continue in the hole with mill and tbg.. Drill out frac plug at 11500' and continue in the hole and clean out sand from 11947' to new PBTD of 12045'. Pull bit to 12040' and circ hole clean with foam unit and SIFN with a final flow of 1700# on 36/64" and 24/64" choke. SIFN. On AM of 3/16/07 SICP=2600# and SITP=0# with float in the string. On 3/16/07 will pull mill to landing depth and ND BOP's and NUWH.

Operations Summary Report

Well Name: FR 11P-36-14-19
 Location: 36- 14-S 19-E 26
 Rig Name: UNIT

Spud Date: 11/21/2006
 Rig Release: 2/7/2007
 Rig Number: 236

Date	From - To	Hours	Code	Sub Code	Description of Operations
3/16/2007	06:00 - 16:00	10.00	STIM	3	<p>Csg Size: 5-1/2" 17# P-110 Csg Depth: 12241', FC @ 12151'</p> <p>Load from yesterday: 770 Minus daily recovery: 400 LLTR: 370</p> <p>Perfs: Entrada 11932' - 11934' 11856' - 11858' 11842' - 11844' 11789' - 11791' 11774' - 11776' 11728' - 11730' 11705' - 11707' Buckhorn 10981' - 10983' 10964' - 10971' Morrison 11269' - 11273' Dakota Silt 10584' - 10592' Dakota 10766' - 10770' 10736' - 10740'</p>
3/19/2007	06:00 - 16:00	10.00	BOP	1	<p>On AM of 3/16/07 SICP = 2600# & SITP = 0# w/ float in the string. Bled csg down to 800#. Lay down 14 jts of tbg & land tbg in hanget at 11595'. ND BOP's & NU WH. Drop ball and presume bit sub is pumped off but do have some concerns as to the tbg taking water between 4000-4500#. Turn tbg to the pit to equalize and clean up. At midnight tbg is on a slight vacuum with SICP = 2750#. St to see if tbg will build pressure. At 6:00 AM on 3/17/07 tbg is on a slight vacuum and SICP = 2800#. On 3/17/07 will attempt to pump off bit sub and /or RIH with chemical cutter to cut off bit sub assembly.</p> <p>On 3/17/07 SICP = 2700# & SITP = 0#. Attempt to pump off bit sub assembly and pressured up to 4500#. Bled off tbg. MIRU Cutters WL and chemical cut the tbg above the bit sub assembly at 11606' (KB depth). Tbg went to a vacuum. RDMO Cutters WL. RU swab. IFL @ 2700'. Make 6 swab runs with FFL @ 500' and recovered 14 bbls of water and tbg started to flow at 4:30 PM on 3/17/07. RD swab. Turn well over to the flow teseters. Start flowing to the pit to clean up well at 4:30 PM on 3/17/07 on various chokes with a SICP = 2625#. At 7:00 AM on 3/18/07 FTP = 1550# with a SICP = 1975# on a 24/64" choke with a very light mist and some methane gas and an est total recovery of 80 bbls in the last 14-1/2 hours but that came in the 1st 3 hours. At 3:00 PM on 3/18/07 FTP = 1450# on a 24/64" choke with a SICP = 1990# and very light mist. At 6:00 AM on 3/19/07 FTP = 1500# on a 22/64" with a SICP = 1850# and very light mist. Changed to a 22/64" choke at 6:00 PM on 3/18/07. On 3/18/07 took a gas analysis with the following results: CO2 = 10.96%; N2 = 0.80%; Methane = 85.25%; BTU = 931.4; Grav = 0.687.</p> <p>24 Hr Forecast: Continue to flow test to clean up well.</p> <p>Csg Size: 5-1/2" 17# P-110 Csg Depth: 12241', FC @ 12151'</p>

Operations Summary Report

Well Name: FR 11P-36-14-19
 Location: 36- 14-S 19-E 26
 Rig Name: UNIT

Spud Date: 11/21/2006
 Rig Release: 2/7/2007
 Rig Number: 236

Date	From - To	Hours	Code	Sub Code	Description of Operations
3/19/2007	06:00 - 16:00	10.00	BOP	1	LLTR: 270 bbls Perfs: Entrada 11932' - 11934' 11856' - 11858' 11842' - 11844' 11789' - 11791' 11774' - 11776' 11728' - 11730' 11705' - 11707' Buckhorn 10981' - 10983' 10964' - 10971' Morrison 11269' - 11273' Dakota Silt 10584' - 10592' Dakota 10766' - 10770' 10736' - 10740'
3/20/2007	06:00 - 16:00	10.00	PTST	2	At 6:00 AM on 3/19/07 FTP = 1500# on a 22/64" choke and SICP = 1850#. Continue to flow the well for the next 24 hours and at 6:00 AM on 3/20/07 FTP = 1600# and SICP = 1800# on a 20/64" choke (changed at 8:00 PM) and holding steady since choke change and making an est 10 BPH of water since choke change. A gas analysis ran on 3/19/07 with results as follows: N2 = 0.698' CO2 = 9.54; Methane = 86.86; BTU = 949.64; Grac = 0.675. 24 Hr Forecast: Continue to flow to pit to clean up well. Csg Size: 5-1/2" 17# P-110 Csg Depth: 12241', FC @ 12151' LLTR: 170 bbls Perfs: Entrada 11932' - 11934' 11856' - 11858' 11842' - 11844' 11789' - 11791' 11774' - 11776' 11728' - 11730' 11705' - 11707' Buckhorn 10981' - 10983' 10964' - 10971' Morrison 11269' - 11273' Dakota Silt 10584' - 10592' Dakota

Operations Summary Report

Well Name: FR 11P-36-14-19
 Location: 36- 14-S 19-E 26
 Rig Name: UNIT

Spud Date: 11/21/2006
 Rig Release: 2/7/2007
 Rig Number: 236

Date	From - To	Hours	Code	Sub Code	Description of Operations
3/20/2007	06:00 - 16:00	10.00	PTST	2	10766' - 10770' 10736' - 10740'
3/21/2007	06:00 - 16:00	10.00	PTST	2	<p>At 6:00 AM on 3/19/07 FTP = 1500# on a 22/64" choke and SICP = 1850#. Continue to flow the well for the next 24 hours and at 6:00 AM on 3/20/07 FTP = 1600# and SICP = 1800# on a 20/64" choke (changed at 8:00 PM) and holding steady since choke change and making an est 10 BPH of water since choke change. A gas analysis ran on 3/19/07 with results as follows: N2 = 0.698' CO2 = 9.54; Methane = 86.86; BTU = 949.64; Grac = 0.675.</p> <p>At 6:00 AM on 3/21/07 FTP = 1600# on a 20/64" choke & SICP = 1800# with a very light mist and an est total fluid recovery in the last 24 hours of 80 bbls, but no significant water in the last 12 hours. Continue to flow test. Gas analysis results ran on 3/20/07 are as follows: N2 = 0.694; CO2 = 7.143; Methane = 80.12; BTU = 976.99, Grav = 0.6538.</p> <p>24 Hr Forecast: Will continue to flow to pit to obtain pipeline quality gas.</p> <p>Csg Size: 5-1/2" 17# P-110 Csg Depth: 12241', FC @ 12151'</p> <p>LLTR: 90 bbls</p> <p>Perfs: Entrada 11932' - 11934' 11858' - 11858' 11842' - 11844' 11789' - 11791' 11774' - 11776' 11728' - 11730' 11705' - 11707' Buckhorn 10981' - 10983' 10964' - 10971' Morrison 11269' - 11273' Dakota Silt 10584' - 10592' Dakota 10766' - 10770' 10736' - 10740'</p>
3/22/2007	06:00 - 16:00	10.00	PTST	2	<p>At 6:00 AM on 3/19/07 FTP = 1500# on a 22/64" choke and SICP = 1850#. Continue to flow the well for the next 24 hours and at 6:00 AM on 3/20/07 FTP = 1600# and SICP = 1800# on a 20/64" choke (changed at 8:00 PM) and holding steady since choke change and making an est 10 BPH of water since choke change. A gas analysis ran on 3/19/07 with results as follows: N2 = 0.698' CO2 = 9.54; Methane = 86.86; BTU = 949.64; Grac = 0.675.</p> <p>At 6:00 AM on 3/21/07 FTP = 1600# on a 20/64" choke & SICP = 1800# with a very light mist and an est total fluid recovery in the last 24 hours of 80 bbls, but no significant water in the last 12 hours. Continue to flow test. Gas analysis results ran on 3/20/07 are as follows: N2 = 0.694; CO2 = 7.143; Methane = 80.12; BTU = 976.99, Grav = 0.6538.</p>

Operations Summary Report

Well Name: FR 11P-36-14-19
 Location: 36- 14-S 19-E 26
 Rig Name: UNIT

Spud Date: 11/21/2006
 Rig Release: 2/7/2007
 Rig Number: 236

Date	From - To	Hours	Code	Sub Code	Description of Operations
3/22/2007	06:00 - 16:00	10.00	PTST	2	<p>At 6:00 AM on 3/22/07 FTP = 1500# & SICP = 1700# on a 20/64" choke and well has made an est 20 bbls of water in the last 24 hours with a current flow of light mist and methane & CO2 gas. A gas analysis ran on 3/21/07 is as follows: N2 = 0.6958; CO2 = 5.9682; Methane = 90.43; BTU = 987.3; Grav = 0.641.</p> <p>24 Hr Forecast: Will continue to flow to pit to clean up.</p> <p>Csg Size: 5-1/2" 17# P-110 Csg Depth: 12241', FC @ 12151'</p> <p>LLTR: 70 bbls</p> <p>Perfs: Entrada 11932' - 11934' 11856' - 11858' 11842' - 11844' 11789' - 11791' 11774' - 11776' 11728' - 11730' 11705' - 11707' Buckhorn 10981' - 10983' 10964' - 10971' Morrison 11269' - 11273' Dakota Silt 10584' - 10592' Dakota 10766' - 10770' 10736' - 10740'</p>
3/23/2007	06:00 - 16:00	10.00	PTST	2	<p>At 6:00 AM on 3/19/07 FTP = 1500# on a 22/64" choke and SICP = 1850#. Continue to flow the well for the next 24 hours and at 6:00 AM on 3/20/07 FTP = 1600# and SICP = 1800# on a 20/64" choke (changed at 8:00 PM) and holding steady since choke change and making an est 10 BPH of water since choke change. A gas analysis ran on 3/19/07 with results as follows: N2 = 0.698' CO2 = 9.54; Methane = 86.86; BTU = 949.64; Grav = 0.675.</p> <p>At 6:00 AM on 3/21/07 FTP = 1600# on a 20/64" choke & SICP = 1800# with a very light mist and an est total fluid recovery in the last 24 hours of 80 bbls, but no significant water in the last 12 hours. Continue to flow test. Gas analysis results ran on 3/20/07 are as follows: N2 = 0.694; CO2 = 7.143; Methane = 80.12; BTU = 976.99, Grav = 0.6538.</p> <p>At 6:00 AM on 3/22/07 FTP = 1500# & SICP = 1700# on a 20/64" choke and well has made an est 20 bbls of water in the last 24 hours with a current flow of light mist and methane & CO2 gas. A gas analysis ran on 3/21/07 is as follows: N2 = 0.6958; CO2 = 5.9682; Methane = 90.43; BTU = 987.3; Grav = 0.641.</p> <p>At 6:00 AM on 3/23/07 FTP = 1500# & SICP = 1600# on a 20/64" choke with a very light mist and an est recovery of 20 bbls of water in the last 24 hours and flowing gas & CO2.</p>

Questar E & P
Operations Summary Report

Well Name: FR 11P-36-14-19
Location: 36- 14-S 19-E 26
Rig Name: UNIT

Spud Date: 11/21/2006
Rig Release: 2/7/2007
Rig Number: 236

Date	From - To	Hours	Code	Sub Code	Description of Operations
3/23/2007	06:00 - 16:00	10.00	PTST	2	<p>24 Hr Forecast: Will continue to flow to pit to clean up.</p> <p>Csg Size: 5-1/2" 17# P-110 Csg Depth: 12241', FC @ 12151'</p> <p>LLTR: 50 bbls</p> <p>Perfs: Entrada 11932' - 11934' 11856' - 11858' 11842' - 11844' 11789' - 11791' 11774' - 11776' 11728' - 11730' 11705' - 11707' Buckhorn 10981' - 10983' 10964' - 10971' Morrison 11269' - 11273' Dakota Silt 10584' - 10592' Dakota 10766' - 10770' 10736' - 10740'</p>
3/26/2007	06:00 - 16:00	10.00	PTST	2	<p>At 6:00 AM on 3/23/07 FTP = 1500# on a 20/64" choke with SICIP = 1600# with a very light mist and an est recovery of 20 bbls of water in the last 24 hours. A gas analysis is as follows: N2 = 0.7086; CO2 = 4.593; Methane = 91.67; BTU = 1000.8; Grav = 0.6280. Continue to flow to the pit to clean up.</p> <p>At 6:00 AM on 3/24/07 FTP = 1450# on a 20/64" choke with a SICIP = 1600# and dry gas. A gas analysis ran today is as follows: N2 = 0.69; CO2 = 4.0; Methane = 92.3; BTU = 1004; Grav = 0.6207; Continue to flow the well to clean up.</p> <p>At 6:00 AM pm 3/25/07 FTP = 1450# on a 20/64" choke with a SICIP = 1600#. Dry gas. Continue to flow to the pit to clean up.</p> <p>At 6:00 AM on 3/26/07 FTP = 1475# on a 20/64" choke with a SICIP = 1575# and dry gas. Will obtain a gas analysis today.</p> <p>24 Hr Forecast: Will continue to flow to clean up.</p> <p>Csg Size: 5-1/2" 17# P-110 Csg Depth: 12241', FC @ 12151'</p> <p>LLTR: 50 bbls</p> <p>Perfs: Entrada 11932' - 11934' 11856' - 11858' 11842' - 11844'</p>

Operations Summary Report

Well Name: FR 11P-36-14-19
 Location: 36- 14-S 19-E 26
 Rig Name: UNIT

Spud Date: 11/21/2006
 Rig Release: 2/7/2007
 Rig Number: 236

Date	From - To	Hours	Code	Sub Code	Description of Operations
3/26/2007	06:00 - 16:00	10.00	PTST	2	11789' - 11791' 11774' - 11776' 11728' - 11730' 11705' - 11707' Buckhorn 10981' - 10983' 10964' - 10971' Morrison 11269' - 11273' Dakota Silt 10584' - 10592' Dakota 10766' - 10770' 10736' - 10740'
3/27/2007	06:00 - 16:00	10.00	PTST	2	At 6:00AM on 3/26/07 FTP=1475# on a 20/64" choke with a SICP=1575# and flowing dry gas to the pit. Obtained a gas analysis with the following results: N2=0.69; CO2=3.34; Methane=92.96; BTU=1013.4; Grav.=0.6156. Turned well over to production department in early PM to go to gas sales. RDMO Leed Energy. Final report of well completion. Tbg.Detail: to follow Csg Size: 5-1/2" 17# P-110 Csg Depth: 12241', FC @ 12151' LLTR: 50 bbls Perfs: Entrada 11932' - 11934' 11856' - 11858' 11842' - 11844' 11789' - 11791' 11774' - 11776' 11728' - 11730' 11705' - 11707' Buckhorn 10981' - 10983' 10964' - 10971' Morrison 11269' - 11273' Dakota Silt 10584' - 10592' Dakota 10766' - 10770' 10736' - 10740'
3/30/2007	06:00 - 16:00	10.00	OTH		Tbg Detail to finalize report of completion. Tbg Detail: KB 21.0 Hanger 0.85 354 jts of 2-3/8" EUE 8rd 4.7# P-110 Tbg 11538.83

Operations Summary Report

Well Name: FR 11P-36-14-19
 Location: 36- 14-S 19-E 26
 Rig Name: UNIT

Spud Date: 11/21/2006
 Rig Release: 2/7/2007
 Rig Number: 236

Date	From - To	Hours	Code	Sub Code	Description of Operations
3/30/2007	06:00 - 16:00	10.00	OTH		1.81" "F" Nipple 0.90 1 Jt of tbg cut 5' above Shear Sub 27.0 Tbg Tail @ 11606.68 "F" Nipple @ 11588.58 Csg Size: 5-1/2" 17# P-110 Csg Depth: 12241', FC @ 12151' LLTR: 50 bbls Perfs: Entrada 11932' - 11934' 11856' - 11858' 11842' - 11844' 11789' - 11791' 11774' - 11776' 11728' - 11730' 11705' - 11707' Buckhorn 10981' - 10983' 10964' - 10971' Morrison 11269' - 11273' Dakota Silt 10584' - 10592' Dakota 10766' - 10770' 10736' - 10740'

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

SUBMIT IN DUPLICATE

(See other instructions on reverse side).

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

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

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

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

3. ADDRESS OF OPERATOR **1571 East 1700 South - Vernal, UT 84078** Contact: **Dahn Caldwell 435-781-4342** Fax # **435.781.4357**

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface **NWSW, SEC 36-T14S-R19E, 1746' FSL, 287' FWL**
At top rod. interval reported below
At total depth **NESW, SEC 36-T14S-R19E, 2400' FSL, 2400' FWL 2480 FSL 2528 FWL**

14. PERMIT NO. **43-047-38349** DATE ISSUED _____

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

15. DATE SPUNDED **11/11/06** 16. DATE T.D. REACHED **01/31/07** 17. DATE COMPL. (Ready to prod.) **03/26/07** 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* **KB** 19. ELEV. CASINGHEAD _____

20. TOTAL DEPTH, MD & TVD **11851 TVD 12,280' MD** 21. PLUG BACK T.D., MD & TVD **11675' TVD 12,045' MD** 22. IF MULTIPLE COMPL., HOW MANY* _____ 23. INTERVALS DRILLED BY _____ ROTARY TOOLS **X** CABLE TOOLS _____

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
10584' - 10770'
10964' - 11273'
11705' - 11934'

25. WAS DIRECTIONAL SURVEY MADE **YES**

26. TYPE ELECTRIC AND OTHER LOGS RUN **ARRAY IND., GR., COMPENSATED NEUTRON/LITHODENSITY, C.M.** 27. WAS WELL CORED **NO**

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13-3/8"	48#	520'	17-1/2"	525 SXS	
9-5/8"	47#	4,077'	12-1/4"	1,013 SXS	
5-1/2"	17#	12,242'	8-1/2"	1,350 SXS	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-3/8"	11,589'	

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-3/8"	11,589'	

31. PERFORATION RECORD (Interval, size and number)

10584' - 10770' - Dakota Silt / Dakota
10964' - 11273' - Buckhorn / Morrison
11705' - 11934' - Entrada

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
10584' - 10770'	Frac w/ 48,000# Sand in 14,994 Gals + CO2
10964' - 11273'	Frac w/ 96,000# Sand in 23,226 Gals + CO2
11705' - 11934'	Frac w/ 89,500# Sand in 21,000 Gals + CO2

33.* PRODUCTION

DATE FIRST PRODUCTION **03/26/07** PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) **FLOWING** WELL STATUS (Producing or shut-in) **PRODUCING**

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
03/28/07	24	13/64"	→	0	2120	5	

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
N/A	1,815	→				

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) **SOLD** TEST WITNESSED BY **JUL 06 2007**

35. LIST OF ATTACHMENTS **WELLBORE SCHEMATIC**

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

SIGNED **JIM SIMONTON** TITLE **COMPLETION SUPERVISOR** DATE **07/02/07**

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

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

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
GREEN RIVER	SURFACE		
WASATCH	2080'		
MESA VERDE	4035'		
CASTLE GATE	5905'		
MANCOS	6095'		
DAKOTA SILT	9935'		
DAKOTA	10030'		
CEDAR MOUNTAIN	10110'		
MORRISON	10320'		
CURTIS	10875'		
ENTRADA	10955'		
CARMEL	11280'		
WINGATE	11490'		
TD	12280'		

38. GEOLOGIC MARKERS
FR 11P 36 14 19

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
GREEN RIVER	SURFACE	
WASATCH	2080'	
MESA VERDE	4035'	
CASTLE GATE	5905'	
MANCOS	6095'	
DAKOTA SILT	9935'	
DAKOTA	10030'	
CEDAR MOUNTAIN	10110'	
MORRISON	10320'	
CURTIS	10875'	
ENTRADA	10955'	
CARMEL	11280'	
WINGATE	11490'	
TD	12280'	

CONFIDENTIAL

Deviation Summary

Well Name: FR 11P-36-14-19
 TMD: 12,245.0 (ft)
 Closure Distance: 155.6 (ft)

TVD: 11,816.19 (ft)
 Closure Direction: 52.22 (°)

Location: 36- 14-S 19-E 26
 Spud Date: 11/21/2006
 Calculation Method: Minimum Curvature

S/T #
 OH
 V.S. AZI (°)
 73.22

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	GSS
OH	2,490.0	1.30	122.37	YNN	2,489.79	-15.12	23.86	-2,193.47	0.05	0.05	GSS
OH	3,081.0	1.50	129.05	YNN	3,080.61	-23.59	35.53	-2,184.74	0.04	0.03	GSS
OH	3,921.0	2.70	74.57	YNN	3,920.10	-25.25	63.14	-2,158.78	0.26	0.14	GSS
OH	4,090.0	3.13	75.68	YNN	4,088.88	-23.05	71.45	-2,150.19	0.26	0.25	MWD
OH	4,151.0	3.69	79.06	YNN	4,149.78	-22.26	74.99	-2,146.57	0.98	0.92	MWD
OH	4,214.0	4.94	84.68	YNN	4,212.60	-21.63	79.68	-2,141.90	2.09	1.98	MWD
OH	4,277.0	6.50	89.56	YNN	4,275.28	-21.35	85.95	-2,135.82	2.59	2.48	MWD
OH	4,340.0	8.19	88.68	YNN	4,337.76	-21.22	94.00	-2,128.07	2.69	2.68	MWD
OH	4,403.0	9.69	84.93	YNN	4,400.00	-20.65	103.77	-2,118.55	2.55	2.38	MWD
OH	4,466.0	11.44	81.18	YNN	4,461.93	-19.22	115.22	-2,107.17	2.98	2.78	MWD
OH	4,530.0	12.56	75.81	YNN	4,524.53	-16.54	128.24	-2,093.94	2.47	1.75	MWD
OH	4,591.0	13.63	73.81	YNN	4,583.94	-12.91	141.58	-2,080.12	1.90	1.75	MWD
OH	4,654.0	14.94	73.68	YNN	4,644.99	-8.56	156.50	-2,064.58	2.08	2.08	MWD
OH	4,717.0	16.56	74.56	YNN	4,705.62	-3.89	172.95	-2,047.48	2.60	2.57	MWD
OH	4,780.0	18.38	74.81	YNN	4,765.72	1.11	191.19	-2,028.57	2.89	2.89	MWD
OH	4,842.0	19.94	74.56	YNN	4,824.28	6.48	210.81	-2,008.23	2.52	2.52	MWD
OH	4,904.0	21.06	72.93	YNN	4,882.35	12.57	231.65	-1,986.52	2.03	1.81	MWD
OH	4,964.0	22.31	71.06	YNN	4,938.11	19.43	252.73	-1,964.36	2.38	2.08	MWD
OH	5,028.0	23.31	71.06	YNN	4,997.10	27.48	276.20	-1,939.57	1.56	1.56	MWD
OH	5,091.0	23.75	71.78	YNN	5,054.86	35.50	300.04	-1,914.43	0.83	0.70	MWD
OH	5,154.0	24.25	70.93	YNN	5,112.42	43.69	324.32	-1,888.82	0.96	0.79	MWD
OH	5,217.0	24.31	70.81	YNN	5,169.84	52.18	348.79	-1,862.94	0.12	0.10	MWD
OH	5,280.0	24.50	70.56	YNN	5,227.21	60.79	373.36	-1,836.93	0.34	0.30	MWD
OH	5,342.0	24.44	69.93	YNN	5,283.64	69.47	397.53	-1,811.28	0.43	-0.10	MWD
OH	5,404.0	24.75	69.93	YNN	5,340.02	78.32	421.77	-1,785.52	0.50	0.50	MWD
OH	5,465.0	25.00	69.93	YNN	5,395.36	87.13	445.87	-1,759.91	0.41	0.41	MWD
OH	5,527.0	25.56	69.56	YNN	5,451.42	96.30	470.71	-1,733.48	0.94	0.90	MWD
OH	5,589.0	25.75	69.18	YNN	5,507.31	105.75	495.83	-1,706.70	0.41	0.31	MWD
OH	5,714.0	25.81	68.68	YNN	5,619.87	125.30	546.56	-1,652.48	0.18	0.05	MWD
OH	5,776.0	25.81	68.68	YNN	5,675.68	135.11	571.70	-1,625.57	0.00	0.00	MWD
OH	5,838.0	25.81	68.68	YNN	5,731.50	144.93	596.85	-1,598.67	0.00	0.00	MWD
OH	5,932.0	25.50	67.68	YNN	5,816.23	160.05	634.63	-1,558.13	0.57	-0.33	MWD

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 JUL 06 2007

Deviation Summary

Well Name: FR 11P-36-14-19
 TMD: 12,245.0 (ft)
 Closure Distance: 155.6 (ft)

TVD: 11,816.19 (ft)
 Closure Direction: 52.22 (°)

Location: 36-14-S 19-E 26
 Spud Date: 11/21/2006
 Calculation Method: Minimum Curvature

S/T # V.S. AZI (°)
 OH 73.22

S/T #	TMD (ft)	Angle (°)	Azimuth (°)	CTM	TVD (ft)	N-S (ft)	E-W (ft)	Vert. Section (ft)	DLS (°/100ft)	BUR (°/100ft)	Type
OH	6,025.0	25.13	66.56	YNN	5,900.30	175.51	671.27	-1,518.59	0.65	-0.40	MWD
OH	6,087.0	24.19	66.18	YNN	5,956.65	185.88	694.97	-1,492.90	1.54	-1.52	MWD
OH	6,150.0	25.19	68.18	YNN	6,013.89	196.07	719.22	-1,466.74	2.07	1.59	MWD
OH	6,213.0	25.63	69.31	YNN	6,070.79	205.87	744.42	-1,439.79	1.04	0.70	MWD
OH	6,276.0	25.06	70.93	YNN	6,127.73	215.05	769.78	-1,412.86	1.42	-0.90	MWD
OH	6,339.0	24.88	71.81	YNN	6,184.84	223.54	794.98	-1,386.28	0.66	-0.29	MWD
OH	6,401.0	25.44	73.18	YNN	6,240.96	231.47	820.11	-1,359.93	1.30	0.90	MWD
OH	6,463.0	26.06	73.81	YNN	6,296.80	239.12	845.94	-1,332.99	1.09	1.00	MWD
OH	6,524.0	25.63	73.93	YNN	6,351.70	246.51	871.48	-1,306.40	0.71	-0.70	MWD
OH	6,586.0	26.19	73.56	YNN	6,407.47	254.09	897.49	-1,279.31	0.94	0.90	MWD
OH	6,649.0	26.88	72.68	YNN	6,463.83	262.26	924.42	-1,251.17	1.26	1.10	MWD
OH	6,712.0	26.88	71.93	YNN	6,520.03	270.92	951.56	-1,222.69	0.54	0.00	MWD
OH	6,806.0	26.19	71.56	YNN	6,604.12	284.07	991.44	-1,180.71	0.75	-0.73	MWD
OH	6,901.0	26.38	70.68	YNN	6,689.30	297.69	1,031.24	-1,138.67	0.46	0.20	MWD
OH	6,995.0	25.88	70.93	YNN	6,773.69	311.30	1,070.34	-1,097.31	0.54	-0.53	MWD
OH	7,090.0	25.38	70.43	YNN	6,859.35	324.89	1,109.12	-1,056.25	0.57	-0.53	MWD
OH	7,184.0	25.69	70.93	YNN	6,944.17	338.30	1,147.36	-1,015.77	0.40	0.33	MWD
OH	7,276.0	25.75	70.06	YNN	7,027.05	351.63	1,184.99	-975.89	0.42	0.07	MWD
OH	7,368.0	25.81	69.93	YNN	7,109.89	365.32	1,222.59	-935.95	0.09	0.07	MWD
OH	7,462.0	26.13	69.43	YNN	7,194.40	379.61	1,261.19	-894.86	0.41	0.34	MWD
OH	7,556.0	26.00	69.43	YNN	7,278.84	394.12	1,299.86	-853.65	0.14	-0.14	MWD
OH	7,648.0	25.06	69.31	YNN	7,361.86	408.09	1,336.97	-814.09	1.02	-1.02	MWD
OH	7,740.0	23.94	69.18	YNN	7,445.57	421.61	1,372.64	-776.03	1.22	-1.22	MWD
OH	7,803.0	23.00	68.61	YNN	7,503.36	430.64	1,396.05	-751.01	1.53	-1.49	MWD
OH	7,898.0	22.19	70.93	YNN	7,591.07	443.28	1,430.29	-714.58	1.27	-0.85	MWD
OH	7,993.0	21.94	74.31	YNN	7,679.12	453.94	1,464.33	-678.91	1.36	-0.26	MWD
OH	8,087.0	21.50	73.93	YNN	7,766.44	463.45	1,497.79	-644.13	0.49	-0.47	MWD
OH	8,181.0	21.06	74.18	YNN	7,854.03	472.83	1,530.59	-610.02	0.48	-0.47	MWD
OH	8,275.0	21.38	74.68	YNN	7,941.66	481.96	1,563.37	-576.00	0.39	0.34	MWD
OH	8,370.0	20.63	74.18	YNN	8,030.35	491.10	1,596.17	-541.96	0.81	-0.79	MWD
OH	8,464.0	20.06	74.43	YNN	8,118.48	499.94	1,627.63	-509.28	0.61	-0.61	MWD
OH	8,652.0	19.81	74.81	YNN	8,295.22	516.94	1,689.44	-445.20	0.15	-0.13	MWD
OH	8,746.0	19.44	74.56	YNN	8,383.76	525.28	1,719.89	-413.64	0.40	-0.39	MWD

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JUL 06 2007

DIV OF OIL, GAS & MINING

Deviation Summary

Well Name: FR 11P-36-14-19	Location: 36- 14-S 19-E 26	S/T #	V.S. AZI (°)
TMD: 12,245.0 (ft)	TVD: 11,816.19 (ft)	OH	73.22
Closure Distance: 155.6 (ft)	Closure Direction: 52.22 (°)	Calculation Method: Minimum Curvature	

S/T #	TMD (ft)	Angle (°)	Azimuth (°)	CTM	TVD (ft)	N/S (ft)	E/W (ft)	Vert. Section (ft)	DLS (°/100ft)	BUR (°/100ft)	Type
OH	8,839.0	20.13	73.18	YNN	8,471.27	534.03	1,750.12	-382.17	0.90	0.74	MWD
OH	8,932.0	19.50	72.56	YNN	8,558.76	543.31	1,780.25	-350.64	0.71	-0.68	MWD
OH	9,027.0	18.56	73.68	YNN	8,648.57	552.31	1,809.89	-319.67	1.06	-0.99	MWD
OH	9,120.0	17.56	72.68	YNN	8,736.98	560.65	1,837.49	-290.84	1.13	-1.08	MWD
OH	9,213.0	16.44	72.43	YNN	8,825.92	568.80	1,863.43	-263.65	1.21	-1.20	MWD
OH	9,307.0	15.94	72.06	YNN	8,916.19	576.79	1,888.39	-237.45	0.54	-0.53	MWD
OH	9,369.0	14.69	71.43	YNN	8,975.99	581.91	1,903.94	-221.08	2.03	-2.02	MWD
OH	9,493.0	13.19	71.31	YNN	9,096.33	591.46	1,932.25	-191.22	1.21	-1.21	MWD
OH	9,586.0	12.00	72.18	YNN	9,187.09	597.81	1,951.50	-170.95	1.30	-1.28	MWD
OH	9,679.0	11.44	72.43	YNN	9,278.15	603.56	1,969.50	-152.06	0.60	-0.60	MWD
OH	9,772.0	11.19	71.56	YNN	9,369.35	609.20	1,986.85	-133.82	0.33	-0.27	MWD
OH	9,866.0	8.63	66.68	YNN	9,461.94	614.87	2,001.98	-117.69	2.86	-2.72	MWD
OH	9,958.0	7.19	64.06	YNN	9,553.06	620.12	2,013.50	-105.15	1.61	-1.57	MWD
OH	10,050.0	6.75	65.81	YNN	9,644.38	624.86	2,023.61	-94.10	0.53	-0.48	MWD
OH	10,148.0	5.50	52.93	YNN	9,741.82	630.05	2,032.61	-83.99	1.89	-1.28	MWD
OH	10,241.0	3.38	50.06	YNN	9,834.54	634.50	2,038.27	-77.28	2.29	-2.28	MWD
OH	10,334.0	1.56	77.56	YNN	9,927.45	636.53	2,041.61	-73.50	2.28	-1.96	MWD
OH	10,427.0	2.50	90.06	YNN	10,020.39	636.80	2,044.87	-70.30	1.11	1.01	MWD
OH	10,521.0	3.44	98.06	YNN	10,114.26	636.40	2,049.72	-65.78	1.09	1.00	MWD
OH	10,615.0	2.13	116.81	YNN	10,208.15	635.22	2,054.07	-61.95	1.68	-1.39	MWD
OH	10,695.0	0.88	219.56	YNN	10,288.13	634.08	2,055.00	-61.39	3.10	-1.56	MWD
OH	10,929.0	2.70	74.57	YNN	10,522.06	634.16	2,059.17	-57.37	1.48	0.78	GSS
OH	11,360.0	4.20	79.40	YNN	10,952.27	639.76	2,084.47	-31.53	0.35	0.35	GSS
OH	11,648.0	10.70	63.57	YNN	11,237.71	653.62	2,118.82	5.36	2.35	2.26	GSS
OH	12,016.0	15.20	54.87	YNN	11,596.29	696.61	2,188.91	84.87	1.33	1.22	MSS
OH	12,245.0	17.20	53.57	YNN	11,816.19	734.00	2,240.71	145.26	0.89	0.87	GSS

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DIV OF OIL GAS & MINING

FIELD: UNDESIGNATED

GL: 7,124' KBE: 7,145'

Spud Date: 11/11/06 Completion Date: 3/26/07

Well: FR 11P 36 14 19

TD: 12,280' PBDT: 12,045'

Current Well Status: Flowing Gas Well

Location: SURFACE: NWSW, 1746' NSL, 287' FWL, SEC 36-T14S-R19E
BOTTOM, NESW, 2400' FSL, 2400' FWL, SEC 36-T14S API#: 43-047-38349
Uintah County, Utah

Reason for Pull/Workover:
Initial Completion of Gas Well

Wellbore Schematic

Surface casing

Size: 13-3/8"
Weight: 48#
Grade: H-40
Cmtd w/ 525 sxs
Hole size: 17-1/2"
Set @ 520' KB

EXCLUDED PERFS

TOC @ 3,650'

OPEN PERFS

Intermediate Casing

Size: 9-5/8"
Weight: 47#
Grade: HCP-110
Cmtd w/ 1,013 sxs
Set @ 4077'
Hole size: 12-1/4"

Dakota Silt/Dakota
10584' - 10592'
10736' - 10740'
10766' - 10770'

Buckhorn/Morrison
10964' - 10971'
10981' - 10983'
11269' - 11273'

F Nipple @ 11580'
EOT @ 11607'

Entrada
11705' - 11707'
11728' - 11730'
11758' - 11760'
11774' - 11776'
11789' - 11791'
11842' - 11844'
11856' - 11858'
11932' - 11934'

Production Casing

Size: 5-1/2"
Weight: 17#
Grade: P-110
Cmtd w/ 1350 sxs
Set @ 12,242'
Hole size: 8-1/2"

PBDT @ 12,045'

TD @ 12,280'

Tubing Landing Detail:

Description	Size	Footage	Depth
KB		21.00	21.00
Hanger	2 3/8"	0.85	21.85
354 Jts 2-3/8" Tbg	2 3/8"	11,538.83	11,560.68
"F" Nipple	2 3/8"	0.90	11,561.58
1 Jt 2-3/8" Tbg	2 3/8"	27.00	11,588.58
Bit Sub	2 3/8"	0.00	11,588.58
EOT @			11,588.58

TUBING INFORMATION

Condition:
New: Used: _____ Rerun: _____
Grade: J-55 EUE 8rd
Weight (#/ft): 4.7#

Sucker Rod Detail:

Size	#Rods	Rod Type

Rod Information

Condition:
New: _____ Used: _____ Rerun: _____
Grade: _____
Manufacture: _____

Pump Information:

API Designation
Example: 25 x 150 x RHAC X 20 X 6 X 2

Pump SN#: _____ Original Run Date: _____
RERUN _____ NEW RUN _____

ESP Well	Flowing Well
Cable Size: _____	SN @ _____ 11561'
Pump Intake @ _____	PKR @ _____
End of Pump @ _____	EOT @ _____ 11589'

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

Other: _____
Hanger: Yes No _____

SUMMARY

Tbg Tail - Cut 5' off last jt w/ Cutters.

Entrada 11705' - 11934' - Frac w/ 89,500# in 21,000 gals w/ 60 Ton CO2
Morrison/Buckhorn 10964' - 11273' - Frac w/ 96,000# in 23,226 gals w/ 150 Ton CO2
Dakota Silt/Dakota 10584' - 10770' - Frac w/ 48,000# in 14,994 Gals w/ 90 Ton CO2
DOFP - 3/26/07

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

5 LEASE DESIGNATION AND SERIAL NUMBER ML-49279
6 IF INDIAN, ALLOTTEE OR TRIBE NAME UTE TRIBE
7 UNIT or CA AGREEMENT NAME N/A
8 WELL NAME and NUMBER FR 11P-36-14-19
9 API NUMBER 4304738349
10 FIELD AND POOL, OR WLD/CAT FLAT ROCK

SUNDRY NOTICES AND REPORTS ON WELLS

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

1 TYPE OF WELL: OIL WELL GAS WELL OTHER _____

2 NAME OF OPERATOR: QUESTAR EXPLORATION & PRODUCTION CO.

3 ADDRESS OF OPERATOR: 1050 17TH ST., SUITE 500 DENVER CO 80265 PHONE NUMBER: (303) 308-3613

4 LOCATION OF WELL: FOOTAGES AT SURFACE 1746' FSL, 287' FWL COUNTY UINTAH
QTR/CTR. SECTION, TOWNSHIP, RANGE, MERIDIAN NWSW 36 14S 19E S STATE UTAH

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

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

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

Questar Exploration & Production hereby requests the commingling of production between intervals in the FR 11P-36-14-19. Questar considers this commingling to be in the public interest in that it promotes maximum ultimate recovery, prevents waste, provides for orderly and efficient production of hydrocarbons and presents no detrimental effects from commingling the two gas streams. Based upon formation testing and production logs in the area, we believe there is no opportunity for cross flow or thief zones within the wellbore. Furthermore, by producing all zones simultaneously the time to reach EUR is shortened and reclamation can begin sooner. - Commingling Dakota, Morrison, Entrada (See attached WCR) & CEDARMTN.

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SEP 04 2007
DIV. OF OIL, GAS & MINING

NAME (PLEASE PRINT) Mike Stahl (mike.stahl@questar.com) TITLE Sr. Petroleum Engineer
SIGNATURE *[Signature]* DATE 8/8/2007

(This space for State use only)

9-21-07
RM

(See Instructions on Reverse Side)

9/21/07
[Signature]

AFFIDAVIT OF MAILING

STATE OF COLORADO)
COUNTY OF DENVER) ss:

Cory Miller (hereinafter sometimes referred to as "Affiant"), of lawful age, being first duly sworn, deposes and says:

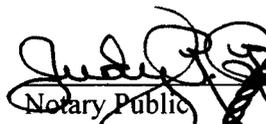
1. Affiant is a Landman for Questar Exploration and Production Company (hereinafter referred to as "Questar") whose address is 1050 17th Street, Suite 500, Denver, Colorado 80202.
2. Questar is the operator of the following described oil and gas well:

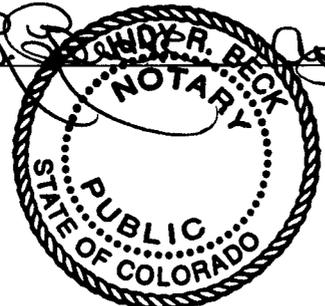
FR 11P-36-14-19
1746' FSL – 287' FWL (NWSW), Section 36, T14S-R19E
Uintah County, Utah
3. A cursory search of applicable records confirmed that the following parties are the leasehold interest owners in the contiguous oil and gas leases and drilling units overlying the pool:
 1. Mr. John Chasel
 2. Ute Energy, LLC
 3. Wind River II Corporation
 4. Chicago Energy Associates, LLC
4. On or around this 31st day of August, 2007, Affiant mailed (or caused to be mailed) in the U.S. Mail, with postage paid, a copy of the attached Application for Commingling two or more pools in one well bore of the well described above to the owners described above which said Application for Commingling (Form 9) has concurrently been filed with the State of Utah Division of Oil, Gas, and Mining (and if applicable, copies sent to SITLA, and the BLM), and
5. Attached is a map showing the location of wells located on contiguous oil and gas leases and / or drilling units overlying the pool.

Affiant saith no more.


Cory Miller, Affiant

Scribed and sworn before me this 31st day of August by Cory Miller.

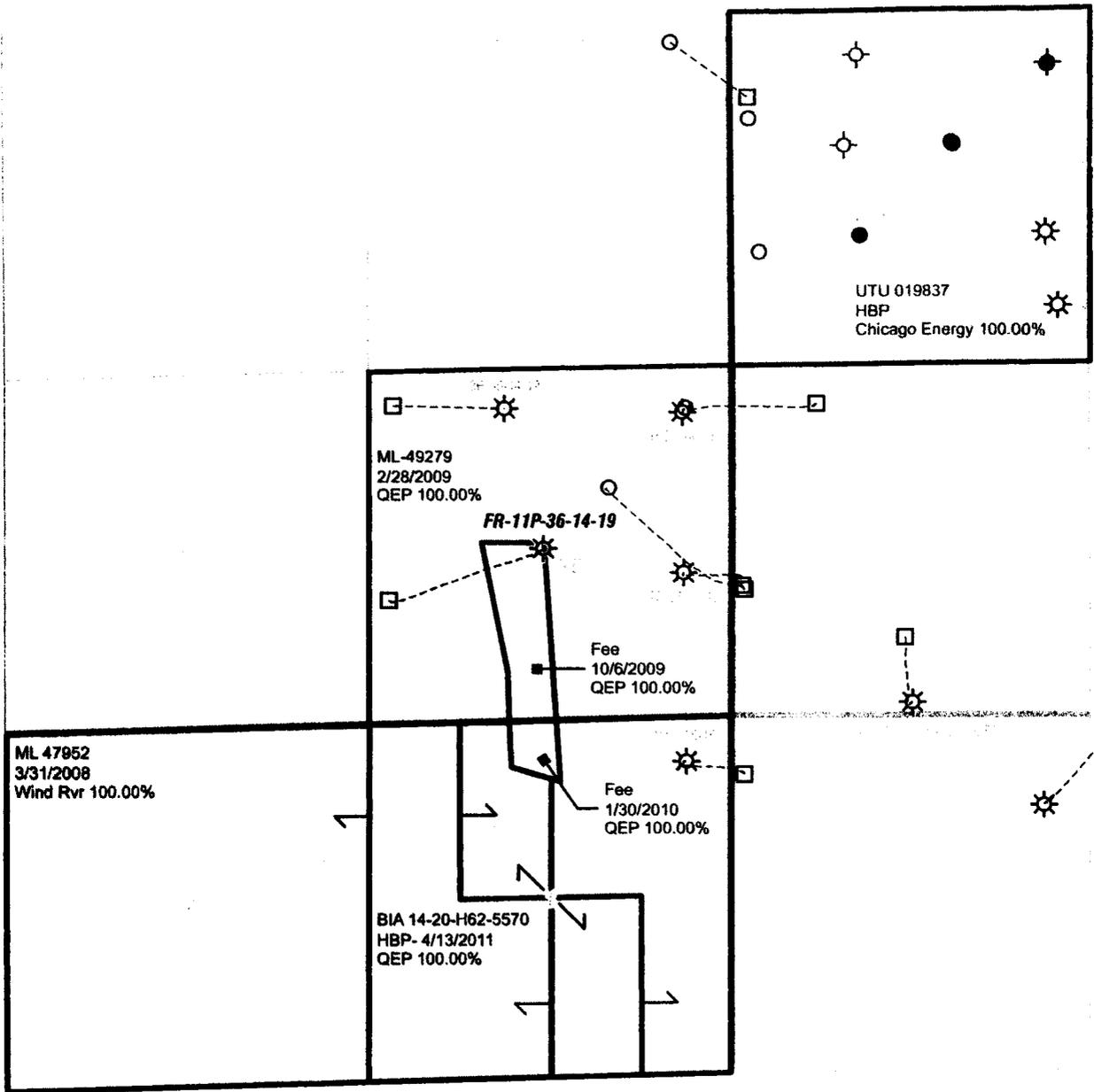
 Notary Public



My Commission Expires April 26, 2008

19E 20E

14S
15S



Flat Rock

Uinta County, Utah

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

SUBMIT IN DUPLICATE

(See other instructions on reverse side).

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

5. LEASE DESIGNATION AND SERIAL NO.
ML - 49279

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
UTE TRIBE

7. UNIT AGREEMENT NAME
N/A

8. FARM OR LEASE NAME
N/A

9. WELL NO.
FR 11P 36 14 19

10. FIELD AND POOL, OR WILDCAT
UNDESIGNATED

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA
SEC 36-T14S-R19E

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

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

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

CONFIDENTIAL

2. NAME OF OPERATOR
QUESTAR EXPLORATION & PRODUCTION CO.

3. ADDRESS OF OPERATOR
1571 East 1700 South - Vernal, UT 84078

Contact: **Dahn Caldwell 435-781-4342**
Fax # **435.781.4357**

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*

At surface **NWSW, SEC 36-T14S-R19E, 1746' FSL, 287' FWL**

At top rod. interval reported below

At total depth **NESW, SEC 36-T14S-R19E, 2400' FSL, 2400' FWL 2480 FSL 2528 FWL**

14. PERMIT NO. 43-047-38349	DATE ISSUED	12. COUNTY OR PARISH UINTAH	13. STATE UT
15. DATE SPUDDED 11/11/06	16. DATE T.D. REACHED 01/31/07	17. DATE COMPL. (Ready to prod.) 03/26/07	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* KB
20. TOTAL DEPTH, MD & TVD 11857 MD 12,280' MD	21. PLUG BACK T.D., MD & TVD 11675 T.D. MD 12,045' MD	22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY X

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

10584' - 10770'
10964' - 11273'
11705' - 11934'

25. WAS DIRECTIONAL SURVEY MADE
YES

26. TYPE ELECTRIC AND OTHER LOGS RUN
ARRAY IND., GR., COMPENSATED NEUTRON/LITHODENSITY, C.M.

27. WAS WELL CORED
NO

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13-3/8"	48#	520'	17-1/2"	525 SXS	
9-5/8"	47#	4,077'	12-1/4"	1,013 SXS	
5-1/2"	17#	12,242'	8-1/2"	1,350 SXS	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	30. TUBING RECORD
					SIZE: 2-3/8" DEPTH SET (MD): 11,589' PACKER SET (MD):

31. PERFORATION RECORD (Interval, size and number)

10584' - 10770' - Dakota Silt / Dakota
10964' - 11273' - Buckhorn / Morrison
11705' - 11934' - Entrada

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
10584' - 10770'	Frac w/ 48,000# Sand in 14,994 Gals + CO2
10964' - 11273'	Frac w/ 96,000# Sand in 23,226 Gals + CO2
11705' - 11934'	Frac w/ 89,500# Sand in 21,000 Gals + CO2

33.* PRODUCTION

DATE FIRST PRODUCTION: **03/26/07**

PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump): **FLOWING**

WELL STATUS (Producing or shut-in): **PRODUCING**

DATE OF TEST 03/28/07	HOURS TESTED 24	CHOKE SIZE 13/64"	PROD'N FOR TEST PERIOD 0	OIL—BBL. 2120	GAS—MCF. 5	WATER—BBL. 5	GAS-OIL RATIO
FLOW. TUBING PRESS. N/A	CASING PRESSURE 1,815	CALCULATED 24-HOUR RATE →	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)
SOLD

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TEST WITNESSED BY

35. LIST OF ATTACHMENTS
WELLBORE SCHEMATIC

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

SIGNED **JIM SIMONTON** TITLE **COMPLETION SUPERVISOR** DATE **07/02/07**

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

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

38. GEOLOGIC MARKERS
FR 11P 36 14 19

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
GREEN RIVER	SURFACE			GREEN RIVER	SURFACE	
WASATCH	2080'			WASATCH	2080'	
MESA VERDE	4035'			MESA VERDE	4035'	
CASTLE GATE	5905'			CASTLE GATE	5905'	
MANCOS	6095'			MANCOS	6095'	
DAKOTA SILT	9935'			DAKOTA SILT	9935'	
DAKOTA	10030'			DAKOTA	10030'	
CEDAR MOUNTAIN	10110'			CEDAR MOUNTAIN	10110'	
MORRISON	10320'			MORRISON	10320'	
CURTIS	10875'			CURTIS	10875'	
ENTRADA	10955'			ENTRADA	10955'	
CARMEL	11280'			CARMEL	11280'	
WINGATE	11490'			WINGATE	11490'	
TD	12280'			TD	12280'	

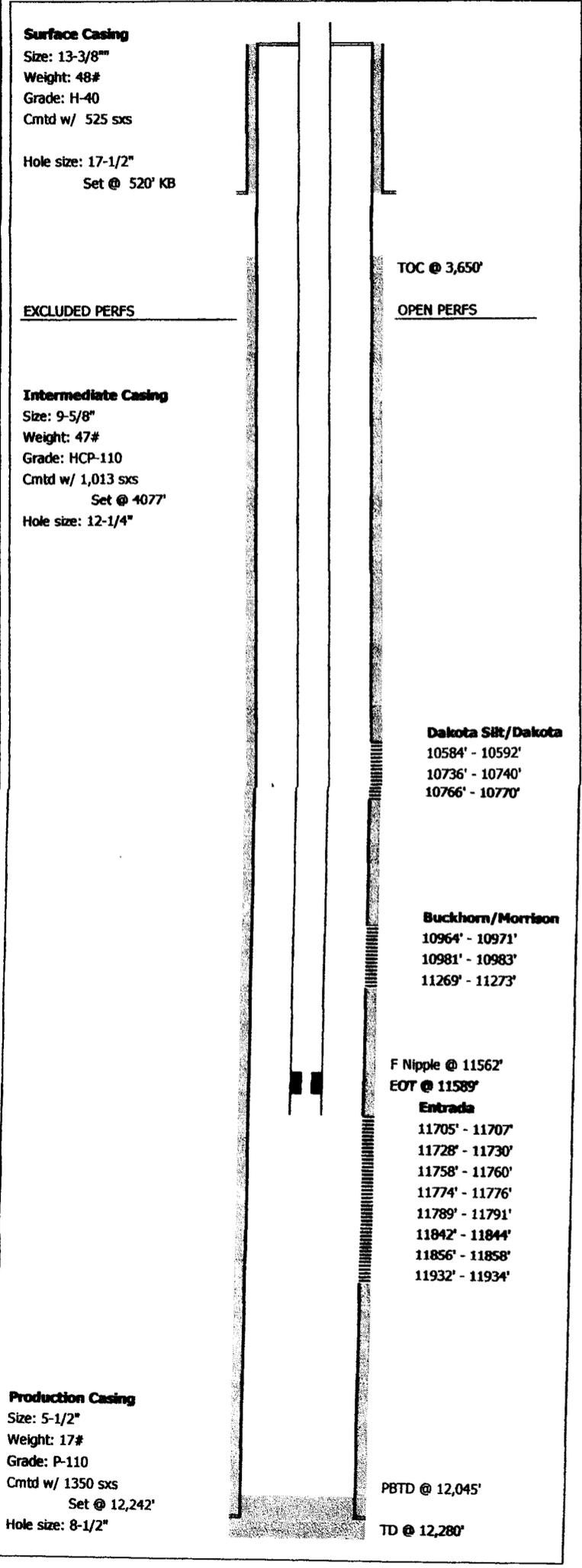
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T14S R19E S-36 43-044-38349

FIELD: UNDESIGNATED	GL: 7,124' KBE: 7,145'	Spud Date: 11/11/06 Completion Date: 3/26/07
Well: FR 11P 36 14 19	TD: 12,280' PBDT: 12,045'	Current Well Status: Flowing Gas Well
Location: SURFACE: NWSW, 1746' NSL, 287' FWL, SEC 36-T14S-R19E BOTTOM, NESW, 2400' FSL, 2400' FWL, SEC 36-T14S API#: 43-047-38349 Uintah County, Utah		CONFIDENTIAL

Revised
9/18/07

Wellbore Schematic



Tubing Landing Detail:

Description	Size	Footage	Depth
KB		21.00	21.00
Hanger	2 3/8"	0.85	21.85
354 Jts 2-3/8" Tbg	2 3/8"	11,538.83	11,560.68
"F" Nipple	2 3/8"	0.90	11,561.58
1 Jt 2-3/8" Tbg	2 3/8"	27.00	11,588.58
Bit Sub	2 3/8"	0.00	11,588.58
EOT @			11,588.58

TUBING INFORMATION
 Condition: New: Used: _____ Rerun: _____
 Grade: J-55 EUE 8rd
 Weight (#/ft): 4.7#

Sucker Rod Detail:

Size	#Rods	Rod Type

Rod Information
 Condition: New: _____ Used: _____ Rerun: _____
 Grade: _____
 Manufacture: _____

Pump Information:
 API Designation: _____
 Example: 25 x 150 x RHAC X 20 X 6 X 2

Pump SN#: _____ Original Run Date: _____
 RERUN _____ NEW RUN _____

ESP Well	Flowing Well
Cable Size: _____	SN @ _____ 11561'
Pump Intake @ _____	PKR @ _____
End of Pump @ _____	EOT @ _____ 11589'

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

 Other: _____
 Hanger: Yes No _____

SUMMARY
 Tbg Tail - Cut 5' off last jt w/ Cutters.
 Entrada 11705' - 11934' - Frac w/ 89,500# in 21,000 gals w/ 60 Ton CO2
 Morrison/Buckhorn 10964' - 11273' - Frac w/ 96,000# in 23,226 gals w/ 150 Ton CO2
 Dakota Silt/Dakota 10584' - 10770' - Frac w/ 48,000# in 14,994 Gals w/ 90 Ton CO2
 DOFP - 3/26/07

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 DIV. OF OIL, GAS & MINING

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

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: ML-49279
2. NAME OF OPERATOR: QUESTAR EXPLORATION AND PRODUCTION		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: Ute Tribe
3. ADDRESS OF OPERATOR: 11002 E 17500 S CITY Vernal STATE Ut ZIP 84078		7. UNIT or CA AGREEMENT NAME: N/A
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1746' FSL 287' FWL		8. WELL NAME and NUMBER: FR 11P-36-14-19
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWSW 36 14S 19E S		9. API NUMBER: 4304738349
COUNTY: Uintah		10. FIELD AND POOL, OR WILDCAT: Flat Rock
STATE: UTAH		

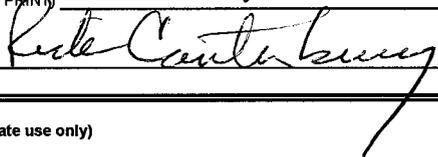
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: 3/26/2007	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input checked="" type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

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

The Dakota, Buckhorn and Entrada formations have been perforated and production has been commingled. Based on testing and knowledge of the area, the production allocation is as follows:

Dakota	10%
Buckhorn	40%
Entrada	50%

NAME (PLEASE PRINT) Rick Canterbury	TITLE Regulatory Affairs
SIGNATURE 	DATE 6/27/2008

(This space for State use only)

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

ROUTING
 CDW

Change of Operator (Well Sold)

X - Operator Name Change

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

6/14/2010

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

CA No.

Unit:

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

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 6/28/2010
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 6/28/2010
- 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
- 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
- Federal and Indian Units:**
The BLM or BIA has approved the successor of unit operator for wells listed on: 8/16/2010
- Federal and Indian Communization Agreements ("CA"):**
The BLM or BIA has approved the operator for all wells listed within a CA on: N/A
- 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:

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

BOND VERIFICATION:

- Federal well(s) covered by Bond Number: ESB000024
- Indian well(s) covered by Bond Number: 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:

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

COMMENTS:

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

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. LEASE DESIGNATION AND SERIAL NUMBER: See attached
6. IF INDIAN, ALLOTTEE OR TRIBE NAME: See attached
7. UNIT or CA AGREEMENT NAME: See attached
8. WELL NAME and NUMBER: See attached
9. API NUMBER: Attached
10. FIELD AND POOL, OR WILDCAT: See attached

1 TYPE OF WELL OIL WELL GAS WELL OTHER _____

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

3. ADDRESS OF OPERATOR:
1050 17th Street, Suite 500 Denver STATE CO ZIP 80265 PHONE NUMBER: (303) 672-6900

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		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: <u>6/14/2010</u>	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion:	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u>Operator Name Change</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

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

Effective June 14, 2010 Questar Exploration and Production Company changed its name to QEP Energy Company. This name change involves only an internal corporate name change and no third party change of operator is involved. The same employees will continue to be responsible for operations of the properties described on the attached list. All operations will continue to be covered by bond numbers:
Federal Bond Number: 965002976 (BLM Reference No. ESB000024) *N3700*
Utah State Bond Number: ~~965003033~~ } *965010695*
Fee Land Bond Number: ~~965003033~~ } *965010695*
BIA Bond Number: ~~799446~~ } *965010693*

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

NAME (PLEASE PRINT) 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

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

well_name	sec	tpw	rng	api	entity	mineral lease	type	stat	C
Wr 16G-32-10-17	32	100S	170E	4301350370		State	OW	NEW	C
STATE 1	36	070S	240E	4304715128	5878	State	GW	P	
KAYE STATE 1-16	16	100S	230E	4304730609	5395	State	GW	P	
TOLL STATION ST 8-36-8-21	36	080S	210E	4304732724	12361	State	GW	S	
GB 8A-36-8-21	36	080S	210E	4304733037	12377	State	GW	P	
GB 6-36-8-21	36	080S	210E	4304733038	12378	State	GW	P	
GB 2-36-8-21	36	080S	210E	4304733252	12527	State	GW	P	
GH 1W-32-8-21	32	080S	210E	4304733570	12797	State	GW	P	
GH 3W-32-8-21	32	080S	210E	4304733571	12796	State	GW	P	
GH 5W-32-8-21	32	080S	210E	4304733572	12828	State	GW	P	
GH 7W-32-8-21	32	080S	210E	4304733573	12872	State	GW	P	
GH 2W-32-8-21	32	080S	210E	4304733744	13029	State	GW	P	
GH 4W-32-8-21	32	080S	210E	4304733745	13035	State	GW	P	
GH 8W-32-8-21	32	080S	210E	4304733746	13030	State	GW	P	
OU GB 3W-16-8-22	16	080S	220E	4304733751	13577	State	GW	P	
OU GB 5W-16-8-22	16	080S	220E	4304733752	13570	State	GW	P	
GH 6W-32-8-21	32	080S	210E	4304733753	13036	State	GW	P	
OU GB 11W-16-8-22	16	080S	220E	4304733754	13582	State	GW	P	
GH 5G-32-8-21	32	080S	210E	4304733866	13037	State	OW	P	
GB 1W-36-8-21	36	080S	210E	4304733944	13439	State	GW	P	
WV 2W-2-8-21	02	080S	210E	4304734034	13678	State	GW	P	
GB 6W-25-8-21	25	080S	210E	4304734121	13440	Fee	GW	P	
GB 7W-25-8-21	25	080S	210E	4304734122	13436	Fee	GW	P	
WV 9W-16-7-21	16	070S	210E	4304734324		State	GW	LA	
OU GB 11W-30-8-22	30	080S	220E	4304734392	13433	Fee	GW	P	
OU GB 4W-16-8-22	16	080S	220E	4304734598	13579	State	GW	P	
OU GB 10W-16-8-22	16	080S	220E	4304734616		State	GW	LA	
OU GB 12W-16-8-22	16	080S	220E	4304734617	13697	State	GW	P	
OU GB 13W-16-8-22	16	080S	220E	4304734618	13611	State	GW	P	
GB 14MU-16-8-22	16	080S	220E	4304734619	14196	State	GW	P	
OU GB 15W-16-8-22	16	080S	220E	4304734622	13595	State	GW	P	
OU GB 16W-16-8-22	16	080S	220E	4304734655	13815	State	GW	P	
OU GB 2W-16-8-22	16	080S	220E	4304734657	13721	State	GW	P	
OU GB 6W-16-8-22	16	080S	220E	4304734658	13592	State	GW	P	
OU GB 8W-16-8-22	16	080S	220E	4304734660	13769	State	GW	TA	
OU GB 9W-16-8-22	16	080S	220E	4304734692		State	GW	LA	
OU GB 15G-16-8-22	16	080S	220E	4304734829	13777	State	OW	S	
GB 7MU-36-8-21	36	080S	210E	4304734893	14591	State	GW	P	
GB 3W-36-8-21	36	080S	210E	4304734894	13791	State	GW	P	
NC 8M-32-8-22	32	080S	220E	4304734897		State	GW	LA	
NC 3M-32-8-22	32	080S	220E	4304734899		State	GW	LA	
GB 5W-36-8-21	36	080S	210E	4304734925	13808	State	GW	P	
GB 4MU-36-8-21	36	080S	210E	4304734926	14589	State	GW	P	
NC 11M-32-8-22	32	080S	220E	4304735040		State	GW	LA	
GB 5SG-36-8-21	36	080S	210E	4304735155	14015	State	GW	P	
SC 13ML-16-10-23	16	100S	230E	4304735281	14036	State	GW	P	
SC 3ML-16-10-23	16	100S	230E	4304735282	14014	State	GW	P	
SC 11ML-16-10-23	16	100S	230E	4304735311	14035	State	GW	P	
WH 13G-2-7-24	02	070S	240E	4304735484	14176	State	D	PA	
FR 9P-36-14-19	31	140S	200E	4304735880	14310	State	GW	P	
CB 13G-36-6-20	36	060S	200E	4304735969		State	OW	LA	

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
WH 2G-2-7-24	02	070S	240E	4304736259		State	GW	LA	
WH 4G-2-7-24	02	070S	240E	4304736261		State	GW	LA	
FR 1P-36-14-19	31	140S	200E	4304736300	14859	State	GW	P	
WK 3ML-2-9-24	02	090S	240E	4304736723		State	GW	LA	
WK 7ML-2-9-24	02	090S	240E	4304736724		State	GW	LA	
SC 5ML-16-10-23	16	100S	230E	4304736877	15125	State	GW	P	
SC 12ML-16-10-23	16	100S	230E	4304736878	15053	State	GW	P	
SC 14ML-16-10-23	16	100S	230E	4304736908	15070	State	GW	P	
SC 4ML-16-10-23	16	100S	230E	4304736912	15208	State	GW	P	
FR 3P-36-14-19	36	140S	190E	4304737376	15736	State	GW	P	
BZ 12ML-16-8-24	16	080S	240E	4304737670		State	GW	LA	
BZ 10D-16-8-24	16	080S	240E	4304737671	15979	State	GW	S	
BZ 14ML-16-8-24	16	080S	240E	4304737672		State	GW	LA	
BBE 9W-16-7-21	16	070S	210E	4304737745		State	GW	LA	
GB 10ML-16-8-22	16	080S	220E	4304737943		State	GW	LA	
GB 9ML-16-8-22	16	080S	220E	4304737944	15851	State	GW	P	
HR 2MU-2-12-23	02	120S	230E	4304738052		State	GW	LA	
HR 3MU-2-12-23	02	120S	230E	4304738053		State	GW	LA	
HR 6MU-2-12-23	02	120S	230E	4304738054		State	GW	LA	
HR 10MU-2-12-23	02	120S	230E	4304738055	15737	State	GW	S	
HR 12MU-2-12-23	02	120S	230E	4304738056		State	GW	LA	
HR 14MU-2-12-23	02	120S	230E	4304738057		State	GW	LA	
HR 16MU-2-12-23	02	120S	230E	4304738058		State	GW	LA	
FR 11P-36-14-19	36	140S	190E	4304738349	15899	State	GW	P	
GB 4SG-36-8-21	36	080S	210E	4304738764	16142	State	GW	P	
GB 7SG-36-8-21	36	080S	210E	4304738765	16144	State	GW	P	
WF 3D-32-15-19	32	150S	190E	4304738877		State	GW	APD	C
SCS 5C-32-14-19	32	140S	190E	4304738963	16759	State	GW	P	
FR 7P-36-14-19	31	140S	200E	4304738992	15955	State	GW	P	
SCS 10C-16-15-19	16	150S	190E	4304739683	16633	State	GW	P	
FR 6P-16-14-19	16	140S	190E	4304740350		State	GW	APD	C

Bonds: BLM = ESB000024

BIA = 956010693

State = 965010695