

CONFIDENTIAL

Form 3160-3
(July 1992)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE*

FORM APPROVED
OMB NO. 1040-0136
Expires: February 28, 1998

| | | |
|---|--|---|
| APPLICATION FOR PERMIT TO DRILL OR DEEPEN | | 5. LEASE DESIGNATION AND SERIAL NO. UTU-16551 |
| TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> | | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME N/A |
| TYPE OF WELL <input checked="" type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/> | | 7. UNIT AGREEMENT NAME JOHNSON BOTTOM UNIT UTU-86617X |
| 2. NAME OF OPERATOR QUESTAR EXPLORATION & PRODUCTION, CO. | | 8. FARM OR LEASE NAME, WELL NO. JB 15G-34-7-21 |
| 3. ADDRESS 11002 E. 17500 SO. Vernal, Ut 84078 | | 9. API NUMBER: 43047-40616 |
| 4. LOCATION OF WELL (Report location clearly and in accordance with and State requirements*) At Surface 834' FSL 2119' FEL, SWSE, SECTION 34, T7S, R21E At proposed production zone PLEASE SEE ADDITIONAL INFORMATION | | 10. FIELD AND POOL, OR WILDCAT <i>Wonsrfs</i> <i>710</i> UNDESIGNED <i>Valley</i> |
| 14. DISTANCE IN MILES FROM NEAREST TOWN OR POSTOFFICE* 41 +/- MILES SOUTH OF VERNAL, UTAH | | 11. SEC., T, R, M, OR BLK & SURVEY OR AREA SEC. 34, T7S, R21E Mer SLB&M |
| 15. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (also to nearest drig, unit line if any) 834' +/- | 16. NO. OF ACRES IN LEASE 2320 | 12. COUNTY OR PARISH Utah |
| 18. DISTANCE FROM PROPOSED location to nearest well, drilling, completed, applied for, on this lease, ft | 17. NO. OF ACRES ASSIGNED TO THIS WELL 40 | 13. STATE UT |
| 21. ELEVATIONS (Show whether DF, RT, GR, ect.) 4746.4' GR | 19. PROPOSED DEPTH 9,800' MD W LATERAL 1 8,225' MD E LATERAL 2 | 20. BLM/BIA Bond No. on file ESB000024 |
| 24. Attachments | 22. DATE WORK WILL START 3/1/2010 | 23. Estimated duration 60 Days |

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 09-15-2009

TITLE Permit Agent

(This space for Federal or State office use)

PERMIT NO. 43-047-40616

APPROVAL DATE

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

CONDITIONS OF APPROVAL, IF ANY:

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

DATE 11-05-09

*See Instructions On Reverse Side

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

RECEIVED

SEP 24 2009

Federal Approval of this
Action is Necessary

DIV. OF OIL, GAS & MINING

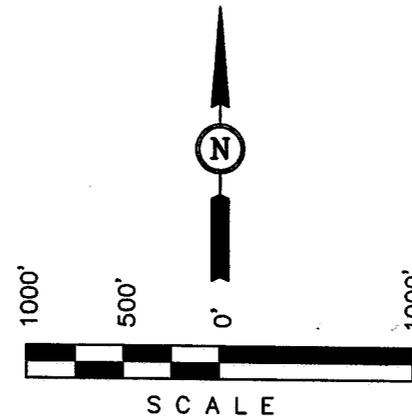
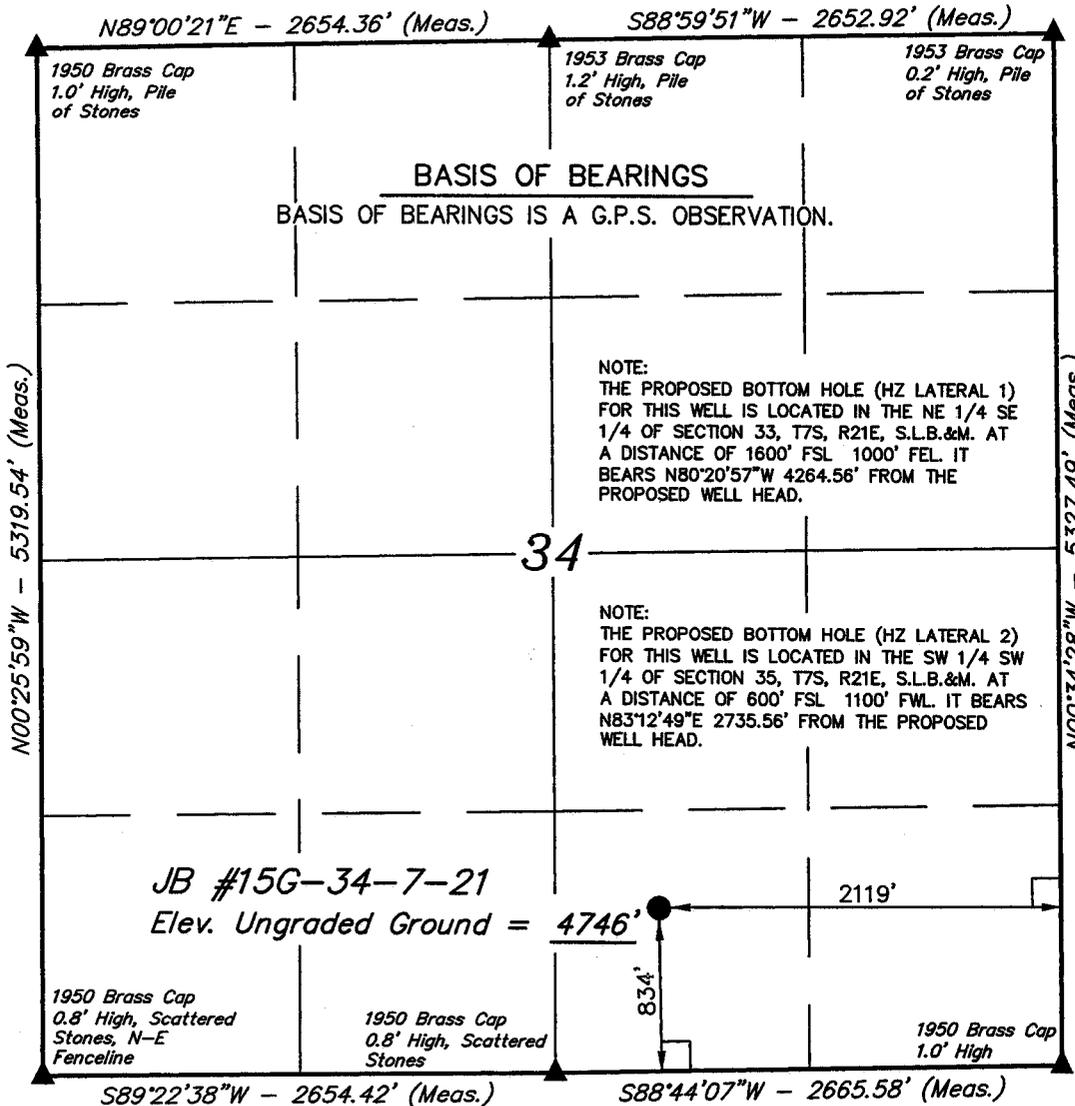
T7S, R21E, S.L.B.&M.

QUESTAR EXPLR. & PROD.

Well location, (SURFACE LOCATION)
 JB #15G-34-7-21, located as shown in the
 SW 1/4 SE 1/4 of Section 34, T7S, R21E,
 S.L.B.&M., Uintah County, Utah

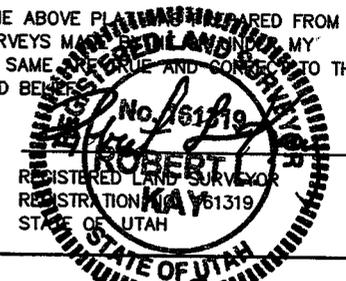
BASIS OF ELEVATION

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



CERTIFICATE

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



| | | |
|--|--------------------------------|-------------------------|
| UINTAH ENGINEERING & LAND SURVEYING 85 SOUTH 200 EAST - VERNAL, UTAH 84078 (435) 789-1017 | | |
| SCALE 1" = 1000' | DATE SURVEYED: 10-09-08 | DATE DRAWN: 10-27-08 |
| PARTY J.W. A.G. S.L. | REFERENCES G.L.O. PLAT | |
| WEATHER COLD | FILE QUESTAR EXPLR. & PROD. | |

LEGEND:

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

(NAD 83)
 LATITUDE = 40°09'44.05" (40.162236)
 LONGITUDE = 109°32'21.91" (109.539419)
 (NAD 27)
 LATITUDE = 40°09'44.18" (40.162272)
 LONGITUDE = 109°32'19.43" (109.538731)

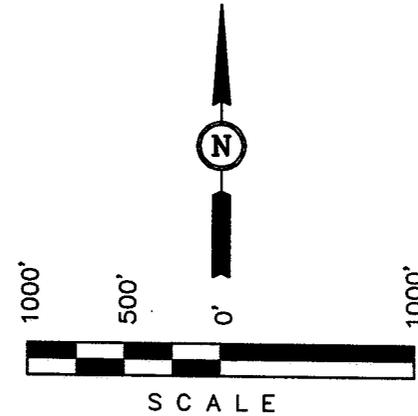
T7S, R21E, S.L.B.&M.

QUESTAR EXPLR. & PROD.

Well location, (BOTTOM HOLE for #15G-34-7-21)
 HZ LATERAL 1, located as shown in the NE 1/4
 SE 1/4 of Section 34, T7S, R21E, S.L.B.&M.,
 Uintah County, Utah

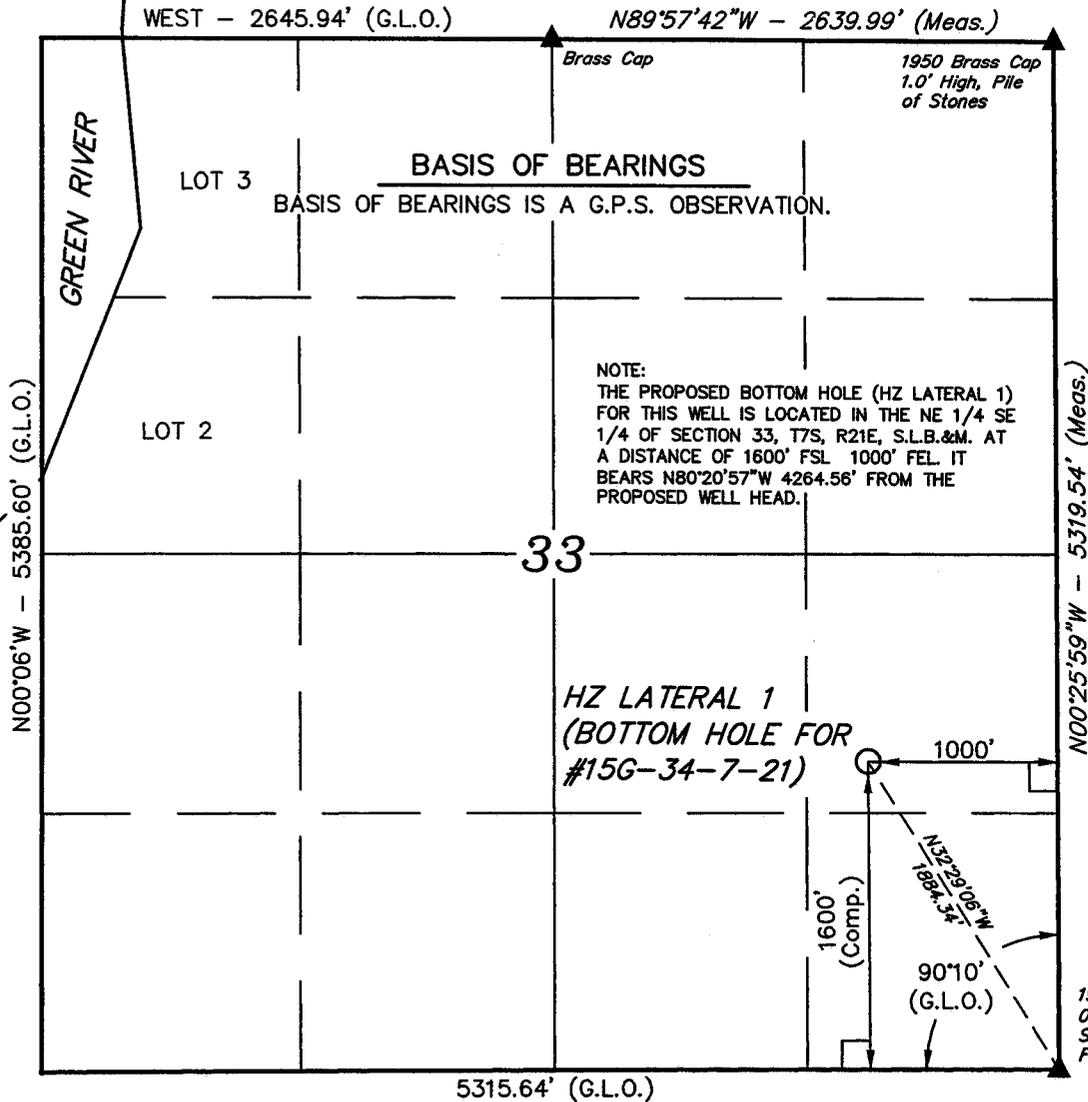
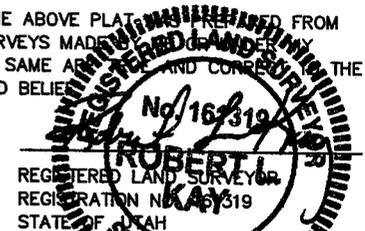
BASIS OF ELEVATION

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



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 SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE
 BEST OF MY KNOWLEDGE AND BELIEF.



LEGEND:

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

(NAD 83)
 LATITUDE = 40°09'51.09" (40.164192)
 LONGITUDE = 109°33'16.06" (109.554461)
 (NAD 27)
 LATITUDE = 40°09'51.22" (40.164228)
 LONGITUDE = 109°33'13.57" (109.553769)

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

| | | |
|-------------------------|--------------------------------|-------------------------|
| SCALE 1" = 1000' | DATE SURVEYED: 10-09-08 | DATE DRAWN: 10-27-08 |
| PARTY J.W. A.G. S.L. | REFERENCES G.L.O. PLAT | |
| WEATHER COLD | FILE QUESTAR EXPLR. & PROD. | |

T7S, R21E, S.L.B.&M.

1953 Brass
Cap, 0.2' High,
Pile of Stones

S88°23'50"W - 2661.73' (Meas.)

S88°22'W - 2661.45' (G.L.O.)

1953 Brass Cap,
0.6' High, Pile of
Stones

N00°34'28"W - 5327.49' (Meas.)

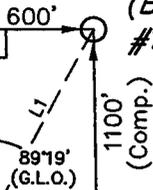
N00°32'W - 5356.56' (G.L.O.)

35

| LINE TABLE | | |
|------------|-------------|---------|
| LINE | DIRECTION | LENGTH |
| L1 | N27°52'42"E | 337.95' |

NOTE:
THE PROPOSED BOTTOM HOLE (HZ LATERAL 2)
FOR THIS WELL IS LOCATED IN THE SW 1/4 SW
1/4 OF SECTION 35, T7S, R21E, S.L.B.&M. AT
A DISTANCE OF 1100' FSL 600' FWL IT BEARS
N83°12'49"E 2735.56' FROM THE PROPOSED
WELL HEAD.

HZ LATERAL 2
(BOTTOM HOLE FOR
#15G-34-7-21)



1950 Brass Cap
1.0' High

5325.54' (G.L.O.)

T7S
T8S

BASIS OF BEARINGS

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

LEGEND:

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

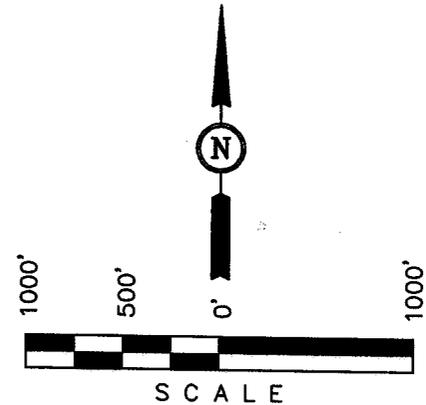
(NAD 83)
LATITUDE = 40°09'47.26" (40.163128)
LONGITUDE = 109°31'46.93" (109.529703)
(NAD 27)
LATITUDE = 40°09'47.39" (40.163164)
LONGITUDE = 109°31'44.45" (109.529014)

QUESTAR EXPLR. & PROD.

Well location, (BOTTOM HOLE for #15G-34-7-21)
HZ LATERAL 2, located as shown in the SW 1/4
SW 1/4 of Section 35, T7S, R21E, S.L.B.&M.
Uintah County, Utah.

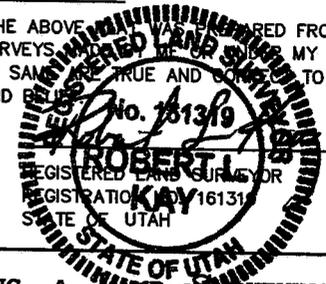
BASIS OF ELEVATION

BENCH MARK (20EAM) LOCATED IN THE SE 1/4 OF SECTION
35, T8S, R21E, S.L.B.&M. TAKEN FROM THE OURAY SE
QUADRANGLE, UTAH, UINTAH COUNTY, 7.5 MINUTE SERIES
(TOPOGRAPHICAL MAP) PUBLISHED BY THE UNITED STATES
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FIELD NOTES OF ACTUAL SURVEYS... UNDER MY
SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE
BEST OF MY KNOWLEDGE AND BELIEF.



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

| | | |
|-------------------------|--------------------------------|-------------------------|
| SCALE 1" = 1000' | DATE SURVEYED: 10-09-08 | DATE DRAWN: 10-27-08 |
| PARTY J.W. A.G. S.L. | REFERENCES G.L.O. PLAT | |
| WEATHER COOL | FILE QUESTAR EXPLR. & PROD. | |

Additional Operator Remarks for Bottom Hole Location and Lease Designation:

JB 15G-34-7-21 (SURFACE LOCATION) 624436X 40.162336
LEASE # UTU-16551 4446588Y -109.538810
834' FSL 2119' FEL, SWSE, Section 34, T7S, R21E

LATERAL # 1 (BOTTOM HOLE LOCATION) 623160X 40.164265
LEASE # UTU-16551 4446782Y -109.533752
NE ¼ SE ¼, 1600' FSL 1000' FEL, Section 33, T7S, R21E

LATERAL # 2 (BOTTOM HOLE LOCATION) 625263X 40.163207
LEASE # UTU-73681 4446699Y -109.529091
SW ¼ SW ¼, 1100' FSL 600' FWL, SECTION 35, T7S, R21E

QUESTAR EXPLORATION AND PRODUCTION

JB 15G-34-7-21

New Dual Horizontal Well Summarized Procedure

1. MIRU air rig.
2. Drill 12 ¼" surface hole to 480'±.
3. Run 9 5/8", 36#, J-55, STC casing and cement to surface.
4. RD air rig, move off location.
5. MIRU drilling rig.
6. NU rig's 3,000 WP rated BOP. Test BOP's and surface casing.
7. PU straight hole BHA, drill out surface casing and 10' of new formation, run FIT.
8. Drill 8 ¾" hole to 5,300'.
9. TOO H, PU directional BHA, TIH.
10. Drill to 5,329', kick off and drill well at a 280° azimuth with 16°/100' build rates to land in G1 Lime formation at a TVD of +/- 5,686', 5,900' MD.
11. Drill in zone to 5,920' MD. TOO H, LDDP.
12. PU and run 7", 26#, HCP-110, LTC casing to 5,920', cement casing.
13. PU 4" DP, directional BHA, TIH.
14. Drill +/- 3,900' of lateral in G1 Lime.
 - a. Mud system to be a water based mud, weights are expected to be in the 8.8 – 10.0 ppg range.
15. Circulate and condition hole, TOO H.
 - a. PU 3,900' of 4-1/2" slotted and blank liner, 521' of blank liner and liner dropping tool.
 - b. RIH w/ liner and dropping tool, drop liner at 5,820'.
 - c. Trip out of hole.
16. RU wireline, run GR to 5,329', run RBP, set @ 5,240'.
17. Run & set 7" whipstock on bridge plug @ 5,240', oriented at 84° azimuth, mill window in 7" casing 5,229' – 5,235' and pilot hole. TOO H.
18. PU directional BHA, TIH, kick off and drill well at a 84° azimuth with 12.8°/100' build rates to land in G1 Lime formation at a TVD of +/- 5,681', 5,942' MD.
19. Drill +/- 2,283' of lateral in G1 Lime.
 - a. Mud system to be a water based mud, weights are expected to be in the 8.8 – 10.0 ppg range.

20. Circulate and condition hole, TOOH.
 - a. PU 2,283' of 4-1/2" slotted and blank liner, 707' of blank liner and liner dropping tool.
 - b. RIH w/ liner and dropping tool, drop liner at 5,237', just outside window.
 - c. TOOH laying down DP.
21. RU wireline, RIH and set RBP @ +/- 5,000' to isolate laterals.
22. ND BOP's.
23. RDMOL.

DRILLING PROGRAM

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

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

1. Formation Tops

The estimated top of important geologic markers are as follows:

West Lateral #1:

| <u>Formation</u> | <u>Depth, TVD</u> | <u>Depth, MD</u> |
|-----------------------|-------------------|------------------|
| Green River | 2,700' | 2,700' |
| Kick Off Point | 5,329' | 5,329' |
| Green River (G1 Lime) | 5,682' | 5,900' |
| TD | 5,775' | 9,800' |

East Lateral #2:

| <u>Formation</u> | <u>Depth, TVD</u> | <u>Depth, MD</u> |
|-----------------------|-------------------|------------------|
| Green River | 2,700' | 2,700' |
| Kick Off Point | 5,235' | 5,235' |
| Green River (G1 Lime) | 5,682' | 5,942' |
| TD | 5,665' | 8,225' |

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 as follows:

West Lateral #1:

| <u>Substance</u> | <u>Formation</u> | <u>Depth, TVD</u> | <u>Depth, MD</u> |
|------------------|-----------------------|-------------------|------------------|
| Oil/Gas | Green River (G1 Lime) | 5,682' | 5,900' – 9,800' |

East Lateral #2:

| <u>Substance</u> | <u>Formation</u> | <u>Depth, TVD</u> | <u>Depth, MD</u> |
|------------------|-----------------------|-------------------|------------------|
| Oil/Gas | Green River (G1 Lime) | 5,682' | 5,942' – 8,225' |

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

All water shows and water-bearing sands will be reported to the BLM in Vernal, Utah. Copies of State of Utah form OGC-8-X are acceptable. If flows are detected, samples will be submitted to the BLM along with any water analyses conducted. Fresh water will be obtained from Wonsits Valley water right A36125 (which was filed on May 7, 1964) or Red Wash water right # 49-2153 (which was filed on March 25, 1960). It was determined by the Fish and Wildlife Service that any water right number filed before 1989 is not depleting to the Upper Colorado River System, to supply fresh water for drilling purposes. All water resulting from drilling operations will be disposed of at Red Wash Central Battery Disposal site; SWSE, Section 27, T7S, R23E or Wonsits Valley Disposal Site; SWNW, Section 12, T8S, R21E.

3. Operator's Specification for Pressure Control Equipment

- A. 3,000 psi double gate, 3,000 psi annular (schematic attached)
- B. Function test daily.
- C. All casing strings shall be pressure tested (0.22 psi/ft or 1,500 psi, whichever is greater) prior to drilling the plug after cementing; test pressure shall not exceed the internal yield of the casing.
- D. Ram type preventers and associated equipment shall be tested to rated working pressure if isolated by a test plug or to 50% of the internal yield pressure of casing, whichever is less. BOP and related equipment shall meet the minimum requirements of Onshore Oil & Gas Order No. 2 for equipment and testing requirements, procedures, etc..., for a 3M system and individual components shall be operable as designed.

4. Casing Program

| Hole Size | Casing Size | Top, MD | Bottom, MD | Weight, lb/ft | Grade | Thread | Condition |
|-----------|-------------|---------|------------|---------------|---------|--------|-----------|
| 17 1/2" | 14" | sfc | 40' | Steel | Cond. | None | Used |
| 12 1/4" | 9 5/8" | sfc | 480' | 36.0 | J-55 | STC | New |
| 8 3/4" | 7" | sfc | 5,900' | 26.0 | HCP-110 | LTC | New |

| Casing Strengths: | | | | Collapse | Burst | Tensile (minimum) |
|-------------------|----------|---------|-----|-----------|-----------|-------------------|
| 9 5/8" | 36.0 lb. | J-55 | STC | 2,020 psi | 3,520 psi | 394,000 lb. |
| 7" | 26.0 lb. | HCP-110 | LTC | 7,800 psi | 9,950 psi | 693,000 lb. |

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

West lateral #1:

| Hole Size | Casing Size | Top,MD | Bottom, MD | Weight | Grade |
|-----------|-------------|--------|------------|--------|-------|
| 6 1/8" | 4 1/2" | 5,820' | 9,800' | 11.6 | P-110 |

East Lateral #2:

| Hole Size | Casing Size | Top,MD | Bottom, MD | Weight | Grade |
|-----------|-------------|--------|------------|--------|-------|
| 6 1/8" | 4 1/2" | 5,235' | 8,225' | 11.6 | P-110 |

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

5. Cementing Program

20" Conductor:

Cement to surface with construction cement.

9-5/8" Surface Casing: sfc – 480' (MD)

Lead/Tail Slurry: 0' – 480'. 170 sks (310 cu ft) Rockies LT cement + 0.25 lb/sk Kwik Seal + 0.125 lb/sk Poly-E-Flake. Slurry wt: 13.5 ppg, Slurry yield: 1.81 ft³/sk, Slurry volume: 12-1/4" hole + 100% excess.

7" Intermediate Casing: 3,000' – 5,900' (MD)

Lead/Tail Slurry: 4,000' – 7,021'. 525 sks (650 cu ft) 50/50 Poz Premium + 0.6% Halad (R)-322 fluid loss + 2.0% Microbond M expander + 5% salt + 0.125 lb/sk Poly-E-Flake. Slurry wt: 14.35 ppg, Slurry yield: 1.24 ft³/sk, Slurry volume: 8-3/4" hole + 50% excess.

West Lateral #1: 4-1/2" Slotted & Blank Liner: 5,820' – 9,800' (MD)

No cement, dropped in open hole.

SSW Lateral #2: 4-1/2" Slotted & Blank Liner: 5,235' – 8,225' (MD)

No cement, dropped in open hole.

6. Auxilliary Equipment

- a. Kelly Cock – Yes
- b. Float at the bit – No
- c. Monitoring equipment on the mud system – visually and/or PVT or Flow Show
- d. Fully opening safety valve on the rig floor – Yes
- e. Rotating Head – Yes

Drilling the surface hole with air:

A variance from 43 CFR 3160 Onshore Oil and Gas Order #2, Section III requirements, subsection E Special Drilling Operations is requested for the specific operation of drilling and setting surface casing on the subject well with a truck mounted air rig. The variance from the following requirements of Order #2 is requested because surface casing depth for this well is less than 500 feet and high pressures are not expected.

- f. **Properly lubricated and maintained rotating head.** A diverter system in place of a rotating head. The diverter system forces the air and cutting returns to the reserve pit and is used to drill the surface casing.
- g. **Blooie line discharge 100' from well bore and securely anchored.** The blooie line discharge for this operation will be located 50 to 70 feet from the wellhead. This reduced length is necessary due to the smaller location size to minimize surface disturbance.
- h. **Automatic ignitor or continuous pilot light on the blooie line.** A diffuser will be used rather than an automatic pilot/ignitor. Water is injected into the compressed air and eliminates the need for the pilot light and the need for dust suppression equipment.
- i. **Compressors located in the opposite direction from the blooie line a minimum of 100 feet from the well bore.** Compressors located 50 feet on the opposite side of the well bore from the blooie line and is equipped with a 1) emergency kill switch on the driller's console, 2) pressure relief valve on the compressor, 3) spark arrestors on the motors.

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

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

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

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

7. **Testing, Logging, and Coring Program**

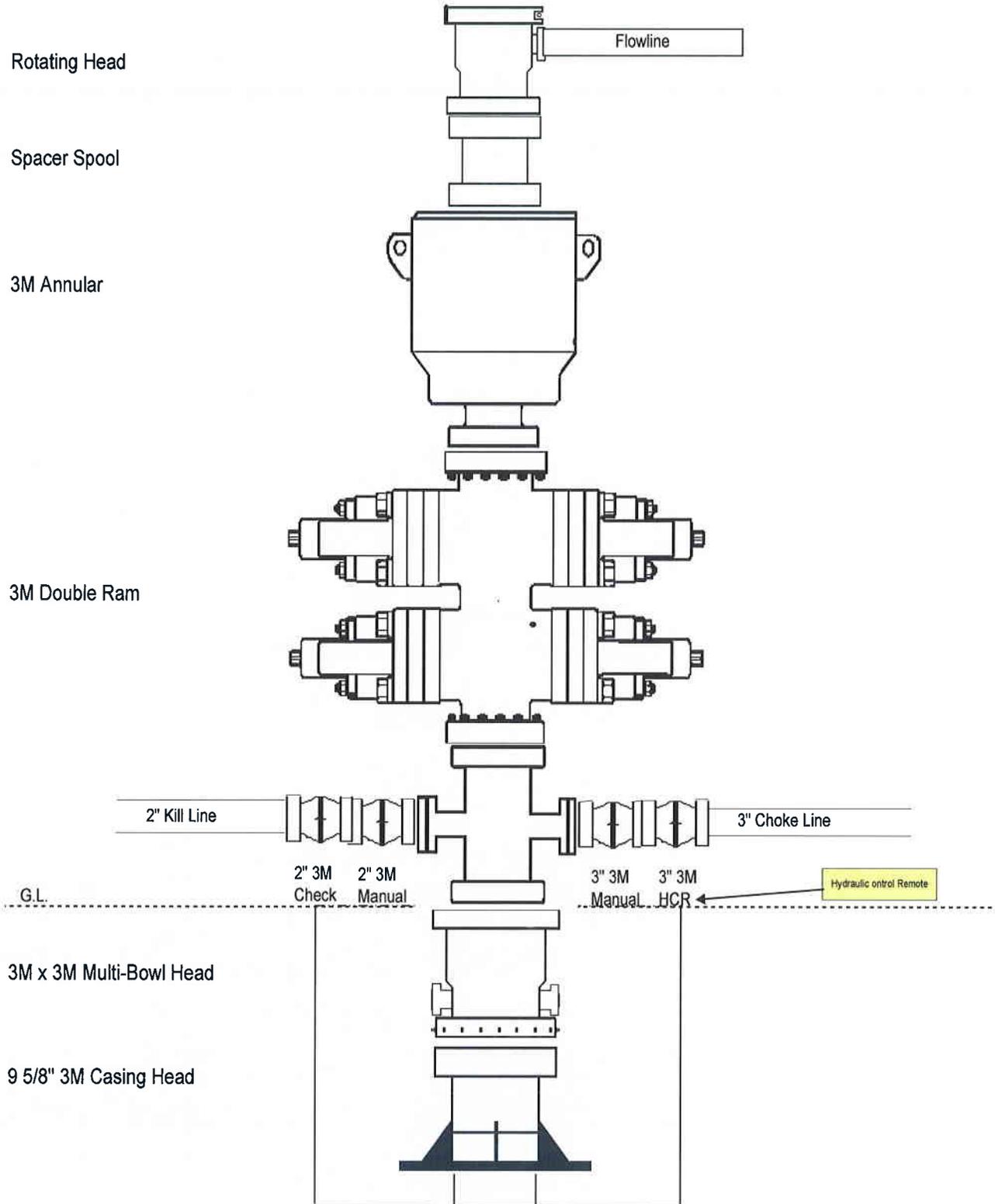
- a. Cores – None Anticipated
- b. DST – None Anticipated
- c. Logging:
 - i. Mud logging from casing exit to TD
 - ii. MWD-GR will be utilized during drilling operations to aid in landing the curve and maintaining the laterals within the desired zone.
- d. Formation and completion interval: G1 Lime interval, final determination of completion will be made by analysis of mud logging data. Stimulation: stimulation will be designed for the particular area of interest encountered.

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

No abnormal temperatures or pressures are anticipated. No H₂S has been encountered or is known to exist from previous wells drilled to similar depths in the general area. Maximum anticipated bottom-hole pressure equals approximately 3,500 psi. Maximum anticipated bottom hole temperature is approximately 150°F.

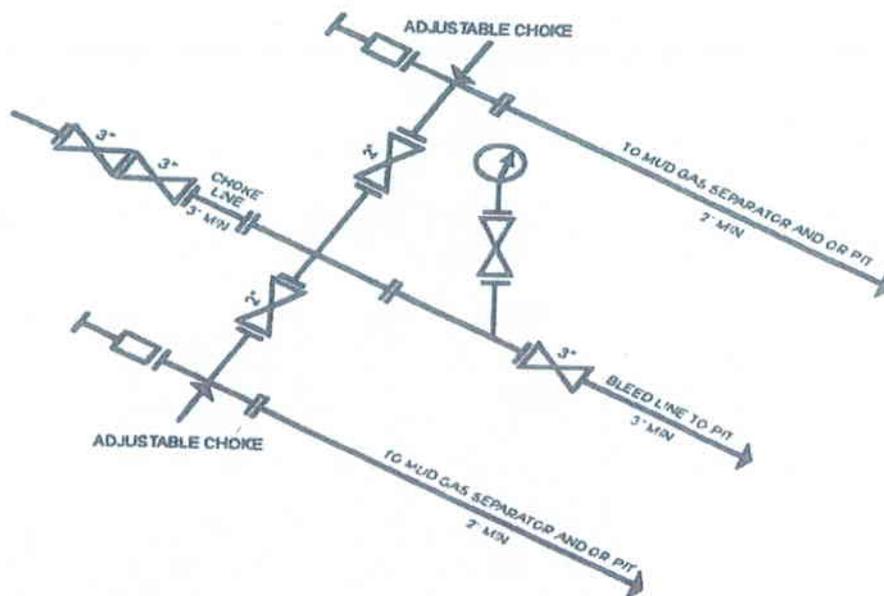
ONSHORE OIL & GAS ORDER NO. 1
 QUESTAR EXPLORATION & PRODUCTION, CO.
 JB 15G-34-7-21

3M BOP STACK



ONSHORE OIL & GAS ORDER NO. 1
QUESTAR EXPLORATION & PRODUCTION, CO.
JB 15G-34-7-21

3M CHOKE MANIFOLD



3M CHOKE MANIFOLD EQUIPMENT - CONFIGURATION OF CHOKES MAY VARY
(54 FR 39528, Sept. 27, 1989)

JB 15G-34-7-21 First Lateral Plan 4-6-09 CJL Proposal

| | |
|--|--|
| <p>Report Date: April 7, 2009 Client: Field: Uinta Structure / Slot: Johnson Bottom / JB 15G-34-7-21 Well: JB 15G-34-7-21 Borehole: Original Hole UWI/API#: Survey Name / Date: JB 15G-34-7-21 First Lateral Plan 4-6-09 CJL / April 6, 2009 Tort / AHD / DDI / ERD ratio: 88.700° / 4266.17 ft / 5.808 / 0.739 Grid Coordinate System: NAD83 Utah State Planes, Central Zone, US Feet Location Lat/Long: N 40 9 44.050, W 109 32 21.910 Location Grid N/E Y/X: N 7233824.468 ftUS, E 2188306.278 ftUS Grid Convergence Angle: +1.25590594° Grid Scale Factor: 0.99991509</p> | <p>Survey / DLS Computation Method: Minimum Curvature / Lubinski Vertical Section Azimuth: 280.000° Vertical Section Origin: N 0.000 ft, E 0.000 ft TVD Reference Datum: KB TVD Reference Elevation: 4762.0 ft relative to MSL Sea Bed / Ground Level Elevation: 4760.000 ft relative to MSL Magnetic Declination: 11.382° Total Field Strength: 52659.271 nT Magnetic Dip: 66.059° Declination Date: April 06, 2009 Magnetic Declination Model: IGRF 2005 North Reference: Grid North Total Corr Mag North -> Grid North: +10.126° Local Coordinates Referenced To: Well Head</p> |
|--|--|

| Comments | Measured Depth (ft) | Inclination (deg) | Azimuth (deg) | TVD (ft) | Vertical Section (ft) | NS (ft) | EW (ft) | Closure (ft) | Closure Azimuth (deg) | DLS (deg/100 ft) | Tool Face (deg) |
|---------------------------------|------------------------|----------------------|------------------|-------------|--------------------------|------------|------------|-----------------|--------------------------|---------------------|--------------------|
| Tie-In | 0.00 | 0.00 | 280.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -80.00M |
| KOP | 5329.00 | 0.00 | 280.00 | 5329.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -80.00M |
| | 5400.00 | 11.39 | 280.00 | 5399.53 | 7.04 | 1.22 | -6.93 | 7.04 | 280.00 | 16.05 | 0.00G |
| | 5500.00 | 27.44 | 280.00 | 5493.54 | 40.17 | 6.97 | -39.56 | 40.17 | 280.00 | 16.05 | 0.00G |
| | 5600.00 | 43.48 | 280.00 | 5574.73 | 97.99 | 17.02 | -96.50 | 97.99 | 280.00 | 16.05 | 0.00G |
| | 5700.00 | 59.53 | 280.00 | 5636.77 | 176.00 | 30.56 | -173.33 | 176.00 | 280.00 | 16.05 | 0.00G |
| | 5800.00 | 75.57 | 280.00 | 5674.83 | 268.12 | 46.56 | -264.05 | 268.12 | 280.00 | 16.05 | 0.00G |
| Enter G1 Lime / Intermediate TD | 5881.82 | 88.70 | 280.00 | 5686.00 | 348.99 | 60.60 | -343.69 | 348.99 | 280.00 | 16.05 | 0.00G |
| TD | 9800.00 | 88.70 | 280.00 | 5774.89 | 4266.17 | 740.81 | -4201.35 | 4266.17 | 280.00 | 0.00 | 0.00G |

Survey Type: Non-Def Proposal

Survey Error Model: NONE version *** 3-D 95.00% Confidence 2.7955 sigma

Surveying Prog:

MD From (ft)

0.00

MD To (ft)

9800.00

EOU Freq

1/100.00

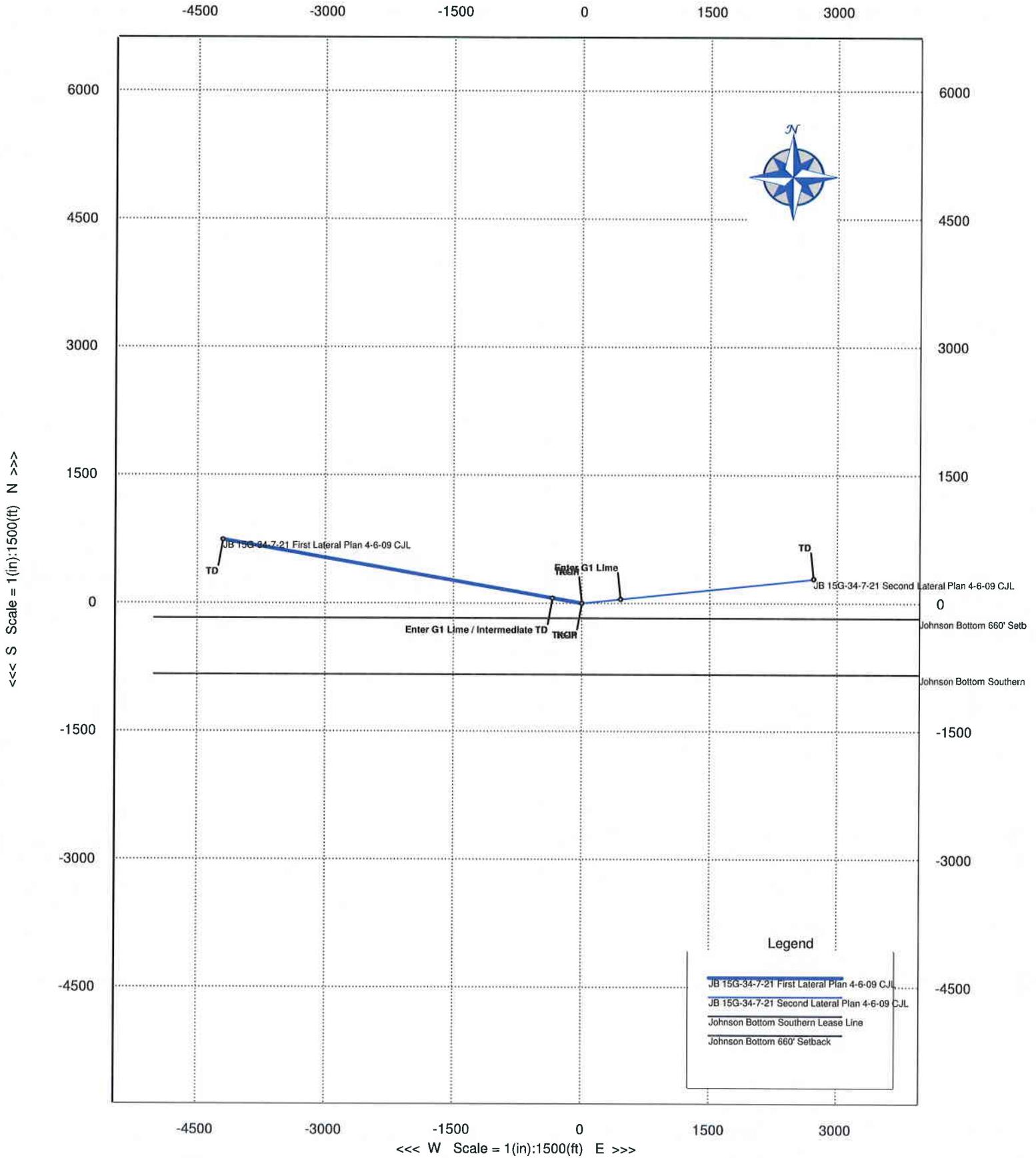
Survey Tool Type

NULL_ZERO (default tool used)

Borehole -> Survey

Original Hole -> JB 15G-34-7-21 First Lateral Plan 4-6-09 CJ

| | | | | | |
|--|--|--|--|--|--|
| WELL JB 15G-34-7-21 | | FIELD Uinta | | STRUCTURE Johnson Bottom | |
| Magnetic Parameters Model: IGRF 2005 Dip: 66.059° Mag Dec: +11.382° | | Surface Location Lat: N40 9 44.050 Lon: W109 32 21.910 | | NAD83 Utah State Planes, Central Zone, US Feet Northing: 7238824.47 RUS Easting: 2188306.28 RUS Grid Conv: +1.25590594* Scale Fact: 0.9999150931 | |
| | | Miscellaneous Slot: JB 15G-34-7-21 Plan: JB 15G-34-7-21 First Lateral Ray-2009 April 06, 2009 | | TVD Ref: KB (4762.00 ft above MSL) | |



JB 15G-34-7-21 Second Lateral Plan 4-6-09 CJL Proposal

| | |
|--|--|
| <p>Report Date: April 7, 2009 Client: Uinta Field: Uinta Structure / Slot: Johnson Bottom / JB 15G-34-7-21 Well: JB 15G-34-7-21 Borehole: Second Lateral UWI/API#: Survey Name / Date: JB 15G-34-7-21 Second Lateral Plan 4-6-09 CJL / April 7, 2009 Tort / AHD / DDI / ERD ratio: 90.400° / 2737.94 ft / 5.554 / 0.482 Grid Coordinate System: NAD83 Utah State Planes, Central Zone, US Feet Location Lat/Long: N 40 9 44.050, W 109 32 21.910 Location Grid N/E Y/X: N 7233824.468 ftUS, E 2188306.278 ftUS Grid Convergence Angle: +1.25590594° Grid Scale Factor: 0.99991509</p> | <p>Survey / DLS Computation Method: Minimum Curvature / Lubinski Vertical Section Azimuth: 84.000° Vertical Section Origin: N 0.000 ft, E 0.000 ft TVD Reference Datum: TVD Reference Elevation: 4746.0 ft relative to MSL Sea Bed / Ground Level Elevation: 4760.000 ft relative to MSL Magnetic Declination: 11.382° Total Field Strength: 52659.401 nT Magnetic Dip: 66.059° Declination Date: April 06, 2009 Magnetic Declination Model: IGRF 2005 North Reference: Grid North Total Corr Mag North -> Grid North: +10.126° Local Coordinates Referenced To: Well Head</p> |
|--|--|

| Comments | Measured Depth (ft) | Inclination (deg) | Azimuth (deg) | TVD (ft) | Vertical Section (ft) | NS (ft) | EW (ft) | Closure (ft) | Closure Azimuth (deg) | DLS (deg/100 ft) | Tool Face (deg) | |
|--------------|------------------------|----------------------|------------------|-------------|--------------------------|------------|------------|-----------------|--------------------------|---------------------|--------------------|-------|
| Projected-Up | 0.00 | 0.00 | 84.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 84.00M | |
| Tie-In | 4500.00 | 0.00 | 84.00 | 4500.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 84.00M | |
| KOP | 5229.00 | 0.00 | 84.00 | 5229.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 84.00M | |
| | 5300.00 | 9.00 | 84.00 | 5299.71 | 5.56 | 0.58 | 5.53 | 5.56 | 84.00 | 12.68 | 0.00G | |
| | 5400.00 | 21.68 | 84.00 | 5395.95 | 31.96 | 3.34 | 31.79 | 31.96 | 84.00 | 12.68 | 0.00G | |
| | 5500.00 | 34.35 | 84.00 | 5484.05 | 78.83 | 8.24 | 78.40 | 78.83 | 84.00 | 12.68 | 0.00G | |
| | 5600.00 | 47.03 | 84.00 | 5559.73 | 143.90 | 15.04 | 143.11 | 143.90 | 84.00 | 12.68 | 0.00G | |
| | 5700.00 | 59.70 | 84.00 | 5619.28 | 223.98 | 23.41 | 222.75 | 223.98 | 84.00 | 12.68 | 0.00G | |
| | 5800.00 | 72.38 | 84.00 | 5659.80 | 315.18 | 32.94 | 313.45 | 315.18 | 84.00 | 12.68 | 0.00G | |
| | 5900.00 | 85.05 | 84.00 | 5679.33 | 413.04 | 43.17 | 410.78 | 413.04 | 84.00 | 12.68 | 0.00G | |
| | Enter G1 Lime | 5942.17 | 90.40 | 84.00 | 5681.00 | 455.17 | 47.58 | 452.67 | 455.17 | 84.00 | 12.68 | 0.00G |
| | TD | 8225.00 | 90.40 | 84.00 | 5665.06 | 2737.94 | 286.19 | 2722.94 | 2737.94 | 84.00 | 0.00 | 0.00G |

Survey Type: Non-Def Proposal

Survey Error Model: NONE version *** 3-D 95.00% Confidence 2.7955 sigma

Surveying Prog:

MD From (ft)

MD To (ft)

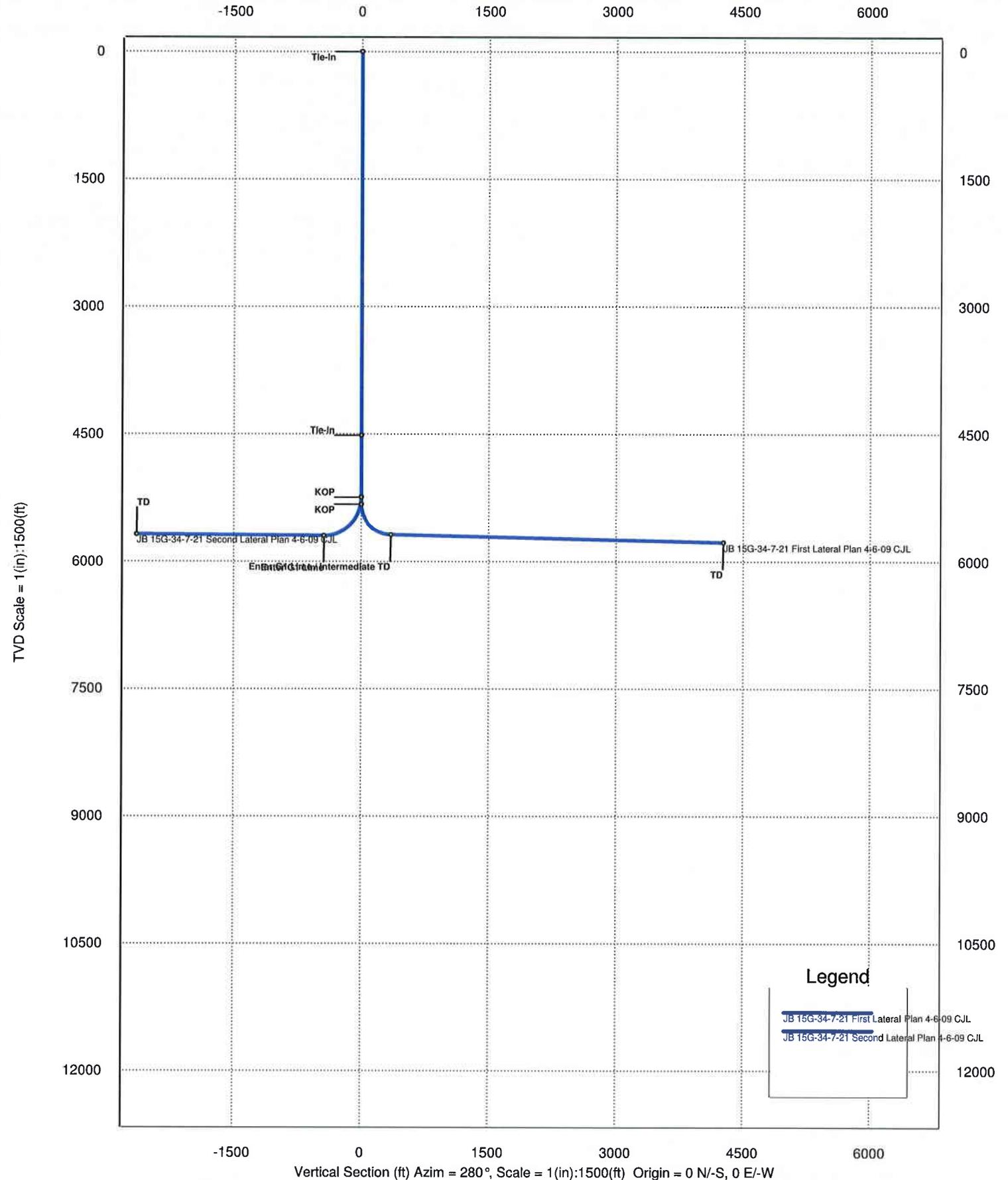
EOU Freq Survey Tool Type

Borehole -> Survey

| | | | | |
|---------|---------|----------|-------------------------------|---|
| -14.00 | 0.00 | Act-Stns | NULL_ZERO (default tool used) | Original Hole -> JB 15G-34-7-21 First Lateral Plan 4-6-09 CJL |
| 0.00 | 200.00 | Act-Stns | NULL_ZERO (default tool used) | Original Hole -> JB 15G-34-7-21 First Lateral Plan 4-6-09 CJL |
| 200.00 | 4500.00 | 1/100.00 | NULL_ZERO (default tool used) | Original Hole -> JB 15G-34-7-21 First Lateral Plan 4-6-09 CJL |
| 4500.00 | 8225.00 | 1/100.00 | NULL_ZERO (default tool used) | Second Lateral -> JB 15G-34-7-21 Second Lateral Plan 4-6-09 |

| | | |
|-------------------------------|-----------------------|------------------------------------|
| WELL JB 15G-34-7-21 | FIELD Uinta | STRUCTURE Johnson Bottom |
|-------------------------------|-----------------------|------------------------------------|

| | | | | |
|--|--|--|--|--|
| Magnetic Parameters Model: IGRF 2005 Dip: 66.059° Mag Dec: +11.382° | Date: April 06, 2009 FS: 52659.3 nT | Surface Location Lat: N40 9 44.050 Lon: W109 32 21.910 | NAD83 Utah State Planes, Central Zone, US Feet Northing: 7233824.47 RUS Easting: 2188306.28 RUS Grid Conv: +1.25590594° Scale Fact: 0.9999150931 | Miscellaneous Slot: JB 15G-34-7-21 Plan: JB 15G-34-7-21 First Lateral Plan 4-6-09 CJL TVD Ref: KB (4762.00 ft above MSL) Rev: 06, 2009 |
|--|--|--|--|--|

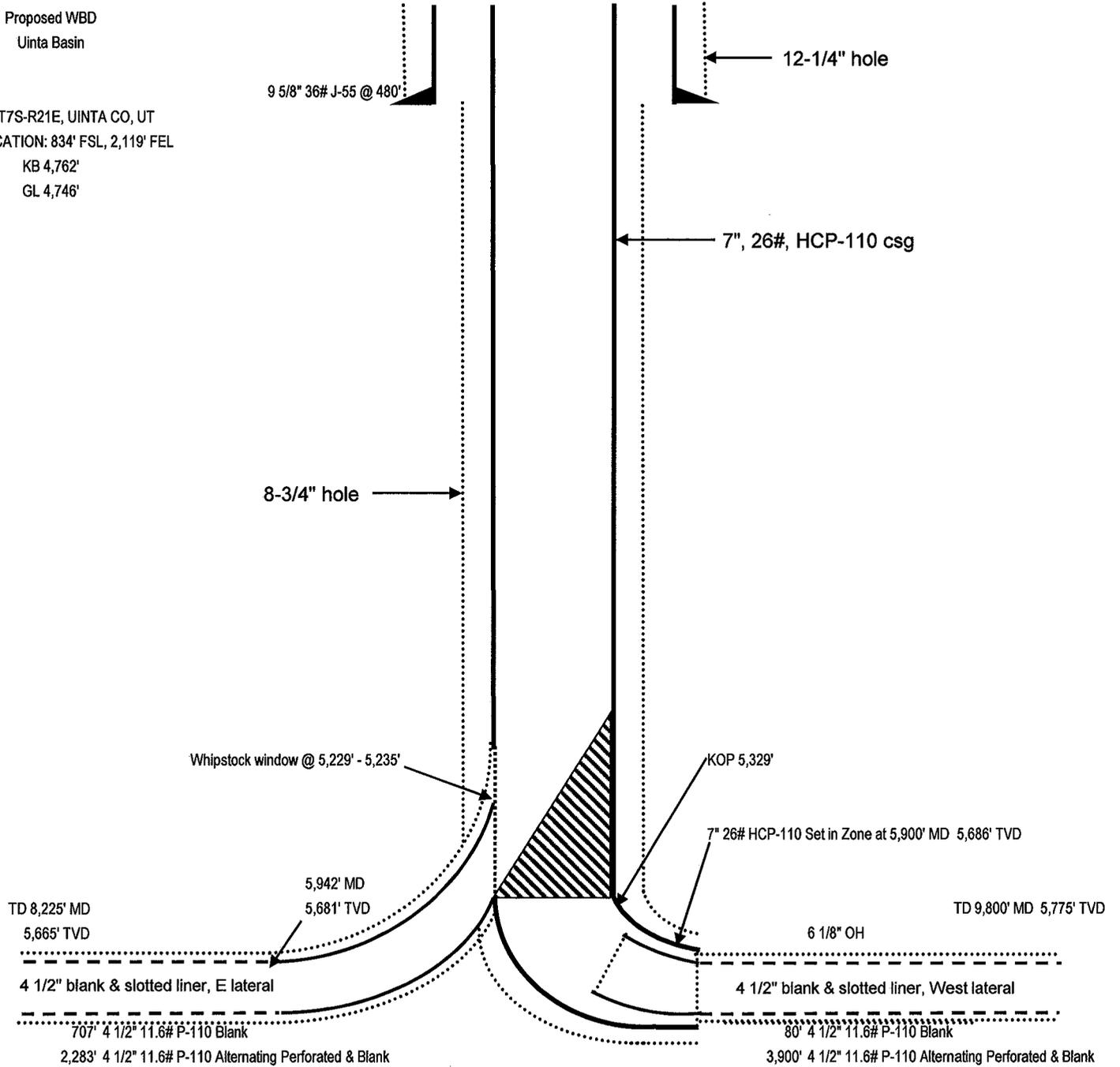


Modified 4-6-09 CJL

JB 15G-34-7-21

Proposed WBD
Uinta Basin

Sec. 34, T7S-R21E, UINTA CO, UT
Surface LOCATION: 834' FSL, 2,119' FEL
KB 4,762'
GL 4,746'



QUESTAR EXPLORATION & PRODUCTION, CO.
JB 15G-34-7-21
834' FSL 2119' FEL
SWSE, SECTION 34, T7S, R21E
UINTAH COUNTY, UTAH
LEASE # UTU-16551

ONSHORE ORDER NO. 1

MULTI – POINT SURFACE USE & OPERATIONS PLAN

An onsite inspection was conducted for the JB 15G-34-7-21 on March 18, 2009. Weather conditions were sunny and warm at the time of the onsite. In attendance at the inspection were the following individuals:

| | |
|-----------------|---------------------------------------|
| Holly Villa | Bureau of Land Management |
| Amy Torres | Bureau of Land Management |
| Jan Nelson | Questar Exploration & Production, Co. |
| Trever Anderson | Uintah Engineering & Land Surveying |
| Chase Henline | Uintah Engineering & Land Surveying |

1. **Existing Roads:**

The proposed well site is approximately 41 miles South of Vernal, Utah.

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

There will be improvements made to the existing two-track. This is Class D Unmaintained road. The use of this road is necessary to access this well. Before any construction QEP will apply for Uintah County Encroachment Permit. Existing roads will be maintained and repaired as necessary.

2. **Planned Access Roads:**

Please refer to Questar Exploration & Production Company Greater Deadmen Bench EIS UT-080-2003-0369V Record of Decision dated March 31, 2008.

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

Questar Exploration & Production Company hereby requests that this APD serve as the right-of-way application for the offlease road running thru Federal Lease # UTU-0802. A 30 year right-of-way term is requested. The access road will be approximately 1,116' in length, 30 foot wide w/18 foot running surface. Construction shall include ditching, draining, graveling, crowning (2 to 3%) and capping the roadbed as necessary to provide a well constructed safe road. The access road and associated drainage structures will be constructed and maintained in accordance with road guidelines contained in the Surface Operating Standards and Guidelines for Oil and Gas Exploration and Development, Fourth Edition, and/or BLM and Forest Service publication.

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

Please refer to Topo Map C.

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

Please refer to Questar Exploration & Production Company Greater Deadmen Bench EIS UT-080-2003-0369V Record of Decision dated March 31, 2008.

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

Questar Exploration & Production Company hereby requests that this APD serve as the right-of-way application for the offlease pipelines running thru Federal Lease # UTU-0802. A 30 year right-of-way term is requested.

Surface fuel gas pipeline will be constructed in accordance with the following guidance.

The fuel gas pipeline will be approximately 1907' in length, 2" inside diameter, poly pipe with a rating 160 psi or greater. The line will be laid adjacent to the gas sales line following the line to the location.

Surface gas pipelines will be constructed in accordance with the following guidance.

The gas sales line will be unpainted steel 4" inside diameter, welded, schedule # 20 or great, approximately 1,896' in length, 25' in width. It was determined on the on-site that the pipelines will be buried thru drainage to a depth of 4' feet or until hit bedrock. Pipeline segments will be welded together on disturbed area in or near the location, whenever possible, and dragged into place.

Product will be tanked and hauled to delivery site.

A muffler will be placed on pumping unit to help reduce sound levels.

5. Location and Type of Water Supply:

Please refer to Questar Exploration & Production Company Greater Deadmen Bench EIS UT-080-2003-0369V Record of Decision dated March 31, 2008.

Water for drilling purposes would be obtained from Wonsits Valley Water Right # A 36125 (which was filed on May 7, 1964) or Red Wash Water Right # 49-2153 (which was filed on March 25, 1960). It was determined by the Fish and Wildlife Service that any water right number filed before 1989 is not depleting to the Upper Colorado River System.

6. Source of Construction Materials:

Please refer to Questar Exploration & Production Company Greater Deadmen Bench EIS UT-080-2003-0369V Record of Decision dated March 31, 2008.

7. Methods of Handling Waste Materials:

Please refer to Questar Exploration & Production Company Greater Deadmen Bench EIS UT-080-2003-0369V Record of Decision dated March 31, 2008.

8. Ancillary Facilities:

Please refer to Questar Exploration & Production Company Greater Deadmen Bench EIS UT-080-2003-0369V Record of Decision dated March 31, 2008.

Facilities will be painted Carlsbad Canyon

9. Well Site Layout: (See Location Layout Diagram)

The attached Location Layout Diagram describes drill pad cross-sections, cuts and fills and locations of the mud tanks, reserve pit, flare pit, pipe racks, trailer parking, spoil dirt stockpile(s), and surface material stockpile(s).

Please see the attached diagram to describe rig orientation, parking areas, and access roads.

A pit liner is required. A felt pit liner will be required if bedrock is encountered.

10. **Plans for Reclamation of the Surface:**

Please refer to Questar Exploration & Production Company Uinta Basin Division Reclamation Plan

Interim Reclamation

Please refer to Questar Exploration & Production Company Uinta Basin Division Reclamation Plan and Figure # 3 in plat package.

Seed Mix:

Interim Reclamation:

6 lbs Hycrest Crested Wheatgrass

6 lbs Needle & Threadgrass

Final Reclamation:

Seed Mix # 5 4 lbs Gardner Saltbush, 4 lbs Shadscale, 4 lbs Hycrest Crested Wheat

Qep will monitor and control noxious and invasive weeds along access roads, pipeline routes, well sites, or other applicable facilities by spraying or mechanical removal. On BLM-administered land, a Pesticide Use Proposal will be submitted and approved prior to the application of herbicides, pesticides or other hazardous chemicals.

11. **Surface Ownership:**

Bureau of Land Management

170 South 500 East

Vernal, Utah 84078

(435) 781-4400

12. **Other Information**

A Class III archaeological survey was conducted by Montgomery Archaeology Consultants. A copy of this report was submitted directly to the appropriate agencies by Montgomery Archaeology Consultants. Cultural resource clearance was recommended for this location.

A Class III paleontological survey was conducted by Intermountain Paleo Consulting. A copy of this report was submitted directly to the appropriate agencies by Stephen D. Sandau. The inspection resulted in the location of no fossil resources. However, if vertebrate fossil(s) are found during construction a paleontologist should be immediately notified. QEP will provide paleo monitor if needed.

There is a Ferruginous Hawk stipulation from March 1st to August 1st. No construction or drilling will commence during this period unless otherwise determined by a wildlife biologist that the site is inactive.

Round corner 8 as much as possible and properly rip-rap to help reduce soil erosion.

Keep top soil out of drainage.

Place facilities close to corner 6.

Rock, gravel and culverts as needed.

Lessee's or Operator's Representative & Certification:

Jan Nelson
Permit Agent
Questar Exploration & Production Company
11002 East 17500 South
Vernal, UT 84078
(435) 781-4331

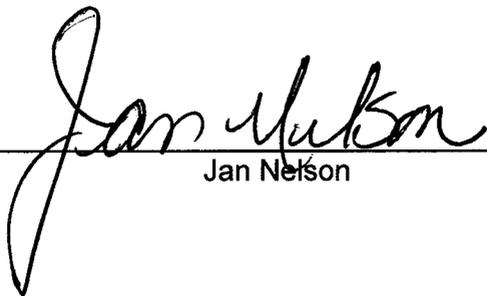
Certification: All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approved Plan of Operations, and any applicable Notice to Lessees.

The Operator will be fully responsible for the actions of its 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.

Questar Exploration & Production Company is considered to be the operator of the subject well. Questar Exploration & Production Company agrees to be responsible under terms and conditions of the lease for the operations conducted upon leased lands.

Bond coverage pursuant to 43 CFR 3104.2 for lease activities is being provided by Bond No. ESB000024.

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

9/15/2009

Date

QUESTAR EXPLR. & PROD.

JB #15G-34-7-21

LOCATED IN UINTAH COUNTY, UTAH
SECTION 34, T7S, R21E, S.L.B.&M.



PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: SOUTHEASTERLY



PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: NORTHERLY



- Since 1964 -

UELS

Uintah Engineering & Land Surveying

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

LOCATION PHOTOS

10 30 08
MONTH DAY YEAR

PHOTO

TAKEN BY: D.A.

DRAWN BY: Z.L.

REVISED: 00-00-00

QUESTAR EXPLR. & PROD.
JB #15G-34-7-21
SECTION 34, T7S, R21E, S.L.B.&M.

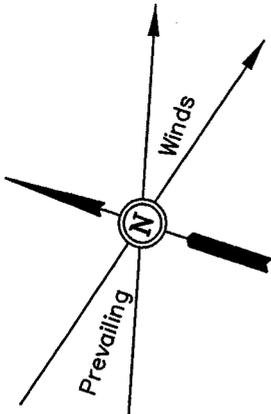
PROCEED IN AN EASTERLY, THEN SOUTHERLY DIRECTION FROM VERNAL, UTAH ALONG U.S. HIGHWAY 40 APPROXIMATELY 3.9 MILES TO THE JUNCTION OF STATE HIGHWAY 45; EXIT RIGHT AND PROCEED IN A SOUTHERLY, THEN SOUTHEASTERLY DIRECTION APPROXIMATELY 19.2 MILES ON STATE HIGHWAY 45 TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE WEST; TURN RIGHT AND PROCEED IN A WESTERLY, THEN SOUTHWESTERLY DIRECTION APPROXIMATELY 7.2 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTH; TURN LEFT AND PROCEED IN A SOUTHERLY, THEN SOUTHWESTERLY DIRECTION APPROXIMATELY 2.0 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE WEST; TURN RIGHT AND PROCEED IN A WESTERLY, THEN SOUTHWESTERLY DIRECTION APPROXIMATELY 3.7 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE WEST; TURN RIGHT AND PROCEED IN A WESTERLY DIRECTION APPROXIMATELY 1.2 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTH; TURN RIGHT AND PROCEED IN A NORTHERLY, THEN WESTERLY, THEN NORTHERLY DIRECTION APPROXIMATELY 1.4 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE WEST; TURN LEFT AND PROCEED IN A WESTERLY DIRECTION APPROXIMATELY 0.5 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTHEAST; TURN RIGHT AND PROCEED IN A NORTHEASTERLY DIRECTION APPROXIMATELY 1.9 MILES TO THE BEGINNING OF THE PROPOSED ACCESS TO THE NORTH; FOLLOW ROAD FLAGS IN A NORTHERLY DIRECTION APPROXIMATELY 0.3 MILES TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 41.3 MILES.

QUESTAR EXPLR. & PROD.

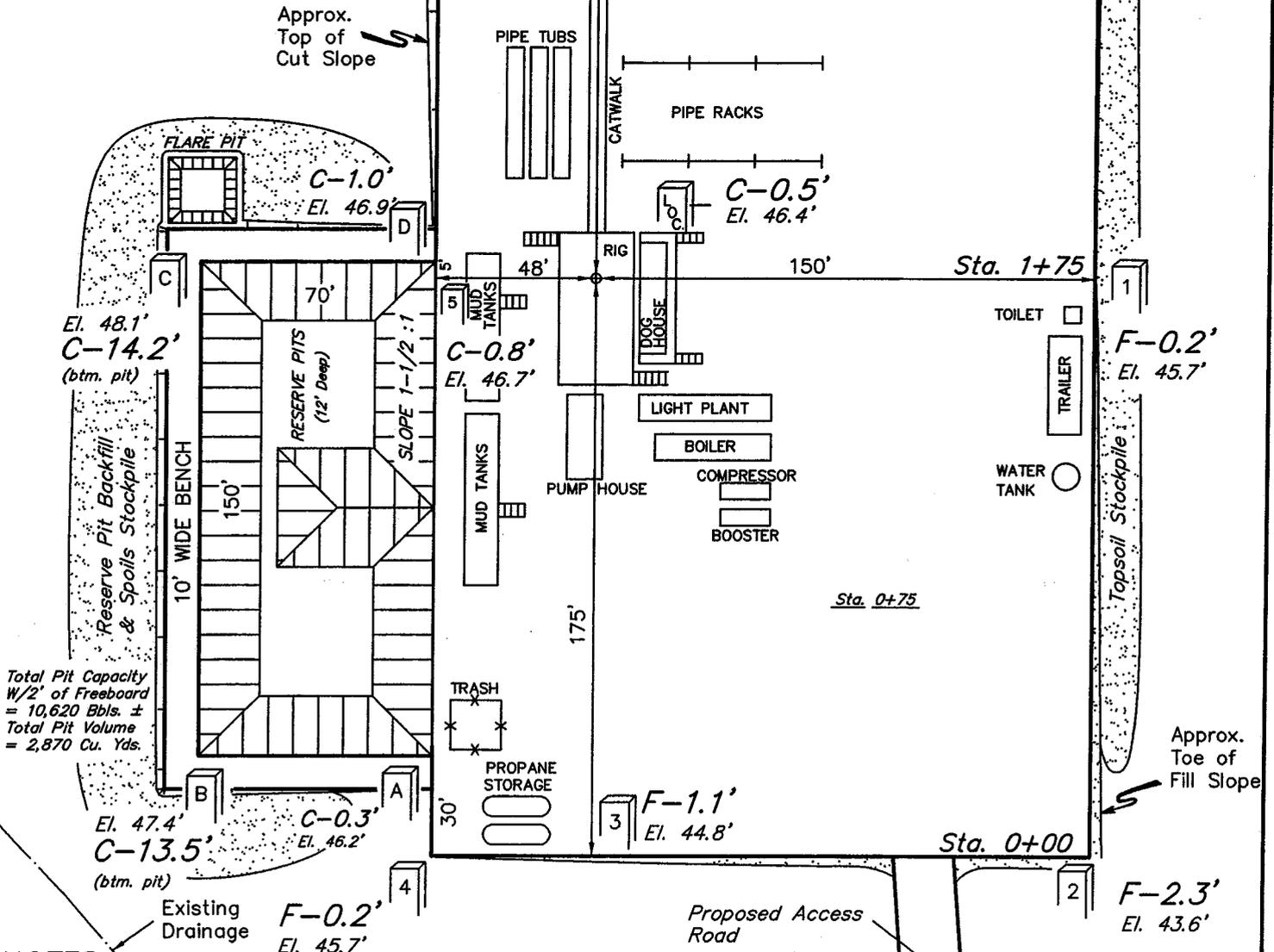
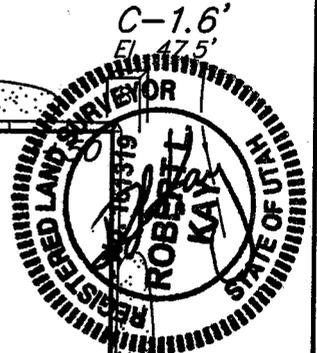
FIGURE #1

LOCATION LAYOUT FOR
 JB #15G-34-7-21
 SECTION 34, T7S, R21E, S.L.B.&M.
 834' FSL 2119' FEL



SCALE: 1" = 50'
 DATE: 11-19-08
 Drawn By: S.L.

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



Total Pit Capacity
 W/2' of Freeboard
 = 10,620 Bbls. ±
 Total Pit Volume
 = 2,870 Cu. Yds.

NOTES:

Elev. Ungraded Ground At Loc. Stake = 4746.4'
 FINISHED GRADE ELEV. AT LOC. STAKE = 4745.9'

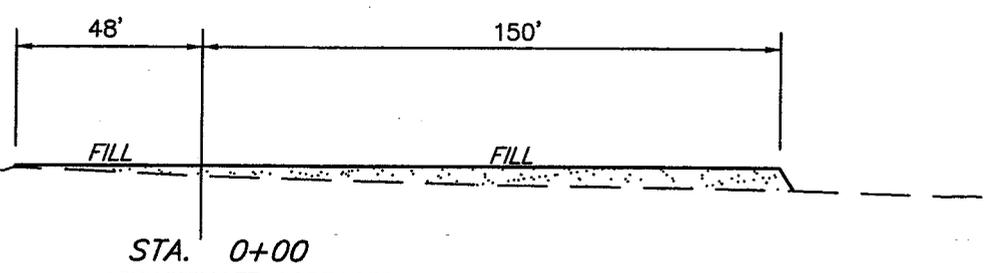
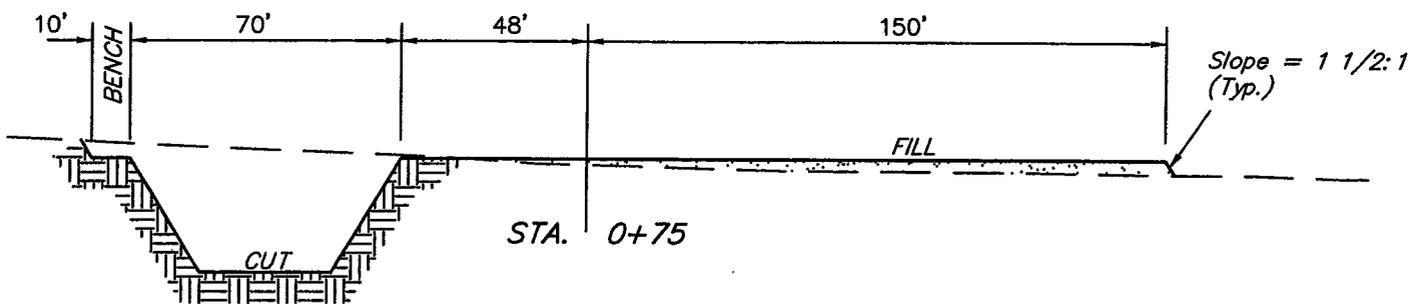
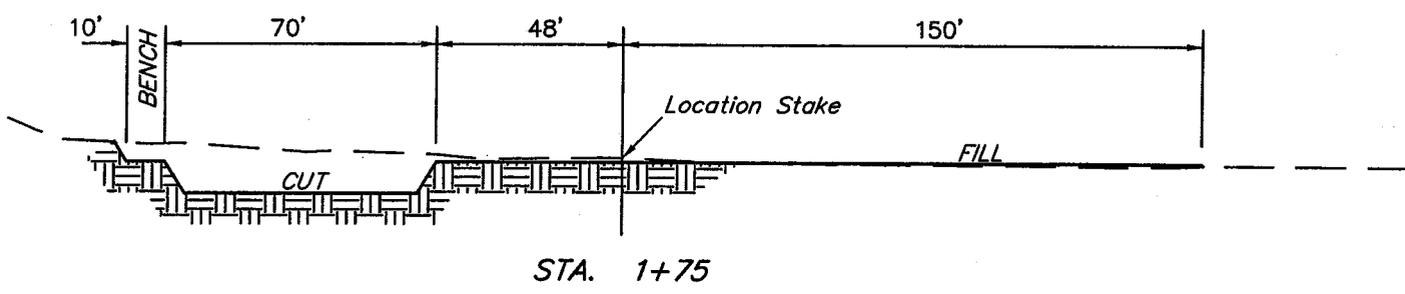
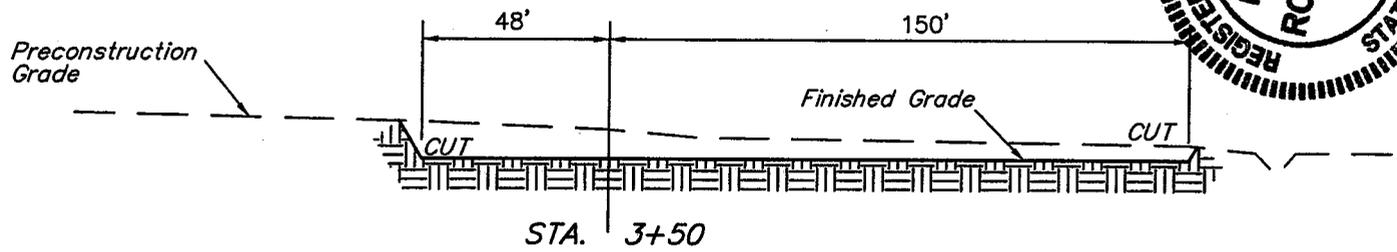
QUESTAR EXPLR. & PROD.

FIGURE #2

TYPICAL CROSS SECTIONS FOR
 JB #15G-34-7-21
 SECTION 34, T7S, R21E, S.L.B.&M.
 834' FSL 2119' FEL

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

DATE: 11-19-08
 Drawn By: S.L.



NOTE:

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

APPROXIMATE ACREAGES
 WELL SITE DISTURBANCE = ±2.289 ACRES
 ACCESS ROAD DISTURBANCE = ±1.065 ACRES
 PIPELINE DISTURBANCE = ±1.037 ACRES
 TOTAL = ±4.391 ACRES

* NOTE:
 FILL QUANTITY INCLUDES 5% FOR COMPACTION

APPROXIMATE YARDAGES

| | | |
|------------------------|----------|----------------------|
| CUT | | |
| (6") Topsoil Stripping | = | 1,630 Cu. Yds. |
| Remaining Location | = | 4,270 Cu. Yds. |
| TOTAL CUT | = | 5,900 CU.YDS. |
| FILL | = | 1,890 CU.YDS. |

| | | |
|--|----------|---------------------|
| Excess Material | = | 4,010 Cu. Yds. |
| Topsoil & Pit Backfill (1/2 Pit Vol.) | = | 3,070 Cu. Yds. |
| EXCESS UNBALANCE (After Interim Rehabilitation) | = | 940 Cu. Yds. |

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

QUESTAR EXPLR. & PROD.

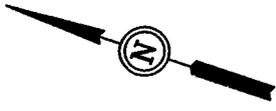
FIGURE #3

INTERIM RECLAMATION PLAN FOR

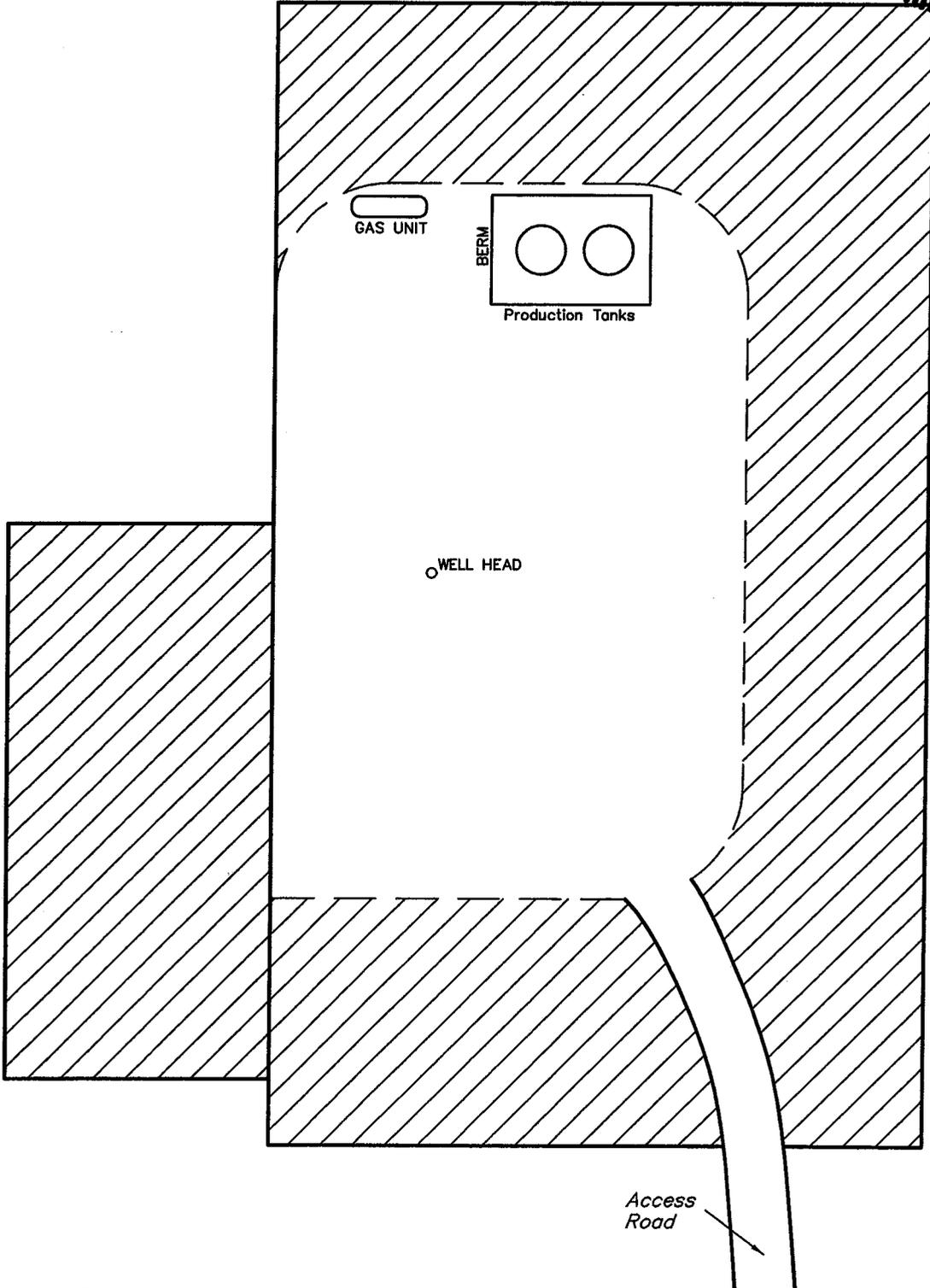
JB #15G-34-7-21

SECTION 34, T7S, R21E, S.L.B.&M.

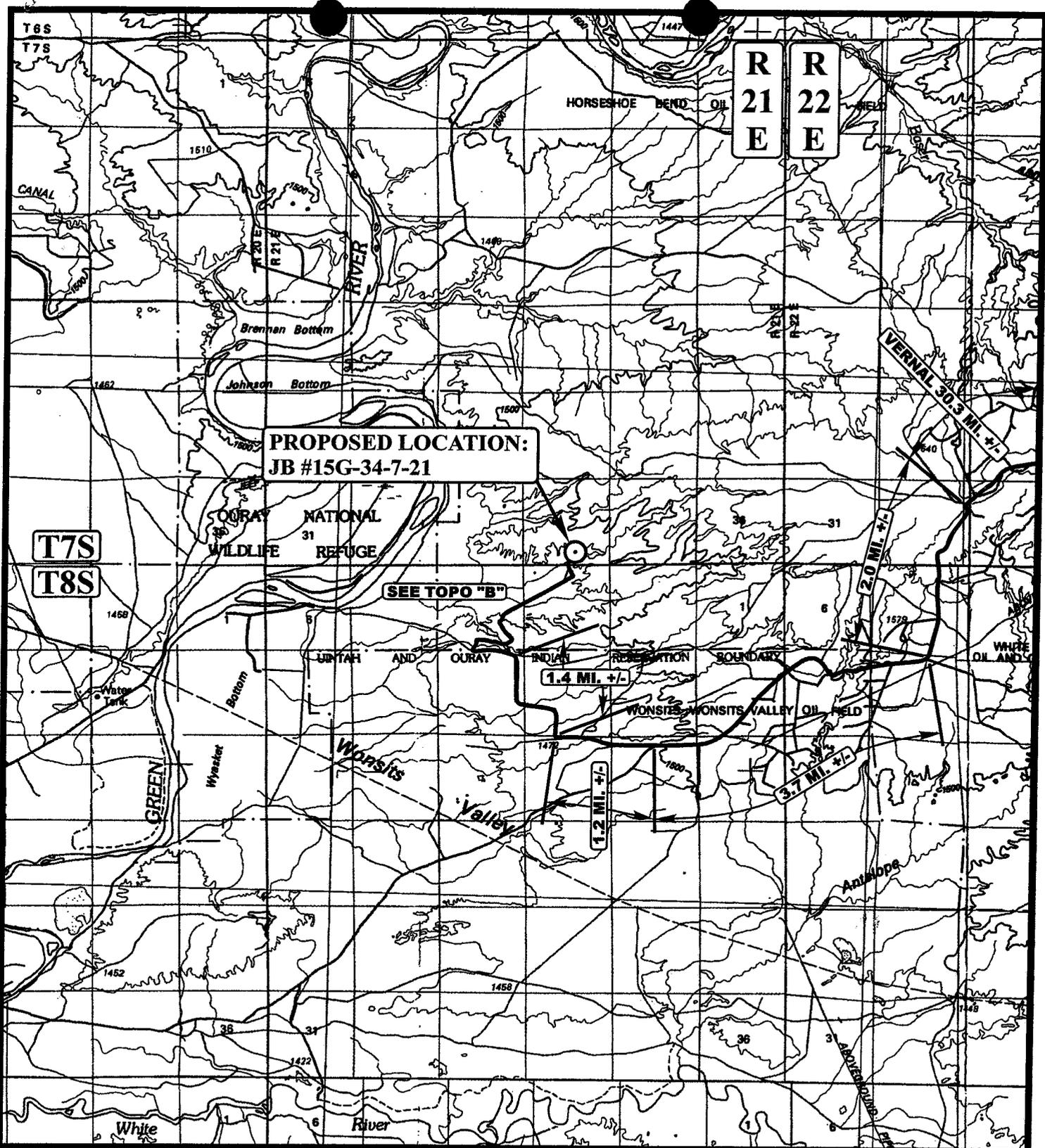
834' FSL 2119' FEL



SCALE: 1" = 50'
DATE: 11-19-08
Drawn By: S.L.



 INTERIM RECLAMATION



**PROPOSED LOCATION:
JB #15G-34-7-21**

SEE TOPO "B"

LEGEND:

○ PROPOSED LOCATION

QUESTAR EXPLR. & PROD.

JB #15G-34-7-21
SECTION 34, T7S, R21E, S.L.B.&M.
834' FSL 2119' FEL

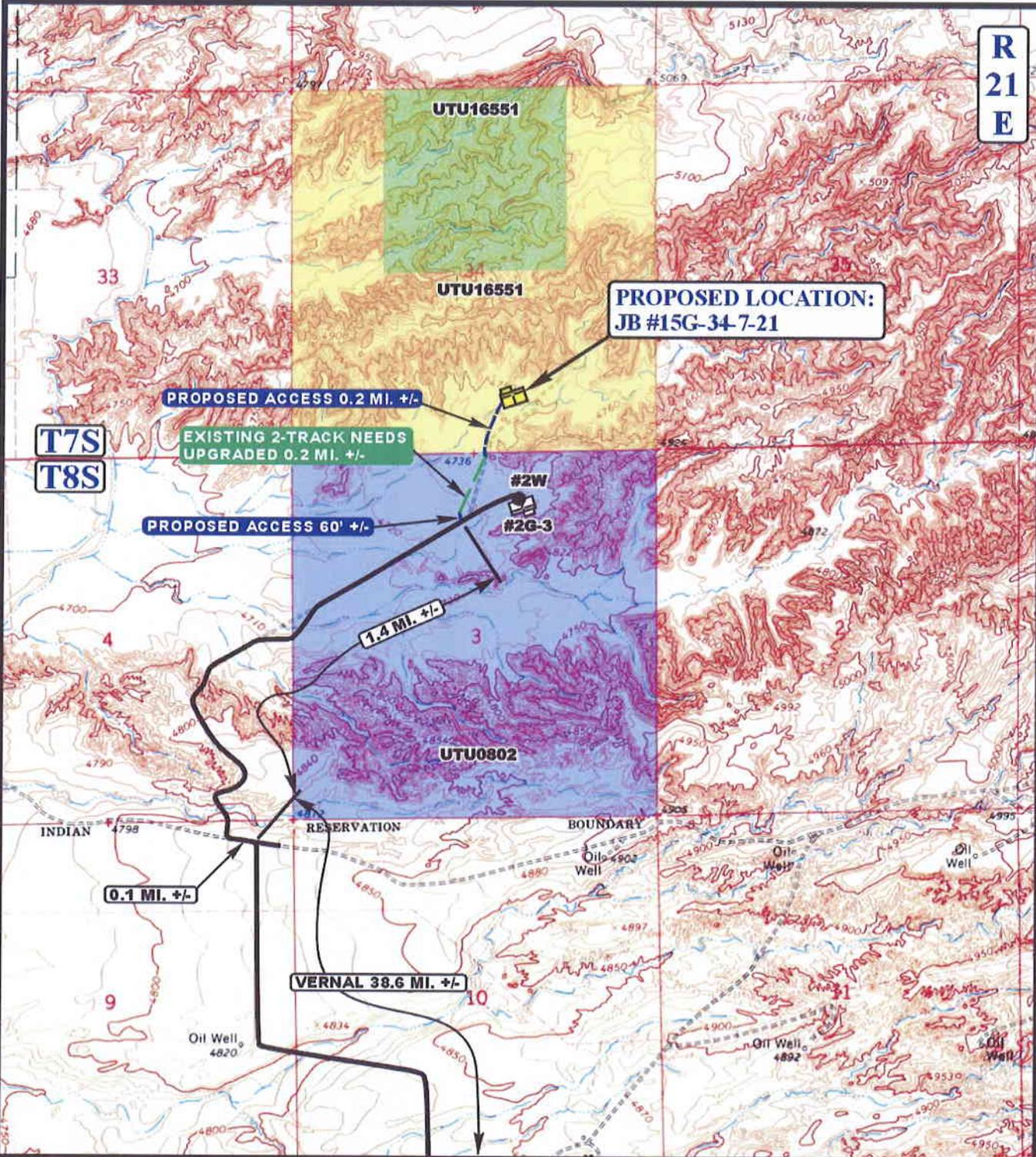


Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

TOPOGRAPHIC 10 30 08
MAP MONTH DAY YEAR
SCALE: 1:100,000 | DRAWN BY: Z.L. | REVISED: 00-00-00



R
21
E



**PROPOSED LOCATION:
JB #15G-34-7-21**

PROPOSED ACCESS 0.2 MI. +/-

**EXISTING 2-TRACK NEEDS
UPGRADED 0.2 MI. +/-**

PROPOSED ACCESS 60' +/-

1.4 MI. +/-

0.1 MI. +/-

VERNAL 38.6 MI. +/-

**T7S
T8S**

UTU16551

UTU16551

UTU0802

RESERVATION

BOUNDARY

INDIAN

Oil Well
4820

Oil Well
4902

Oil Well

Oil Well

Oil Well
4892

Oil Well
5011

LEGEND:

-  EXISTING ROAD
-  PROPOSED ACCESS

QUESTAR EXPLR. & PROD.

**JB #15G-34-7-21
SECTION 34, T7S, R21E, S.L.B.&M.
834' FSL 2119' FEL**

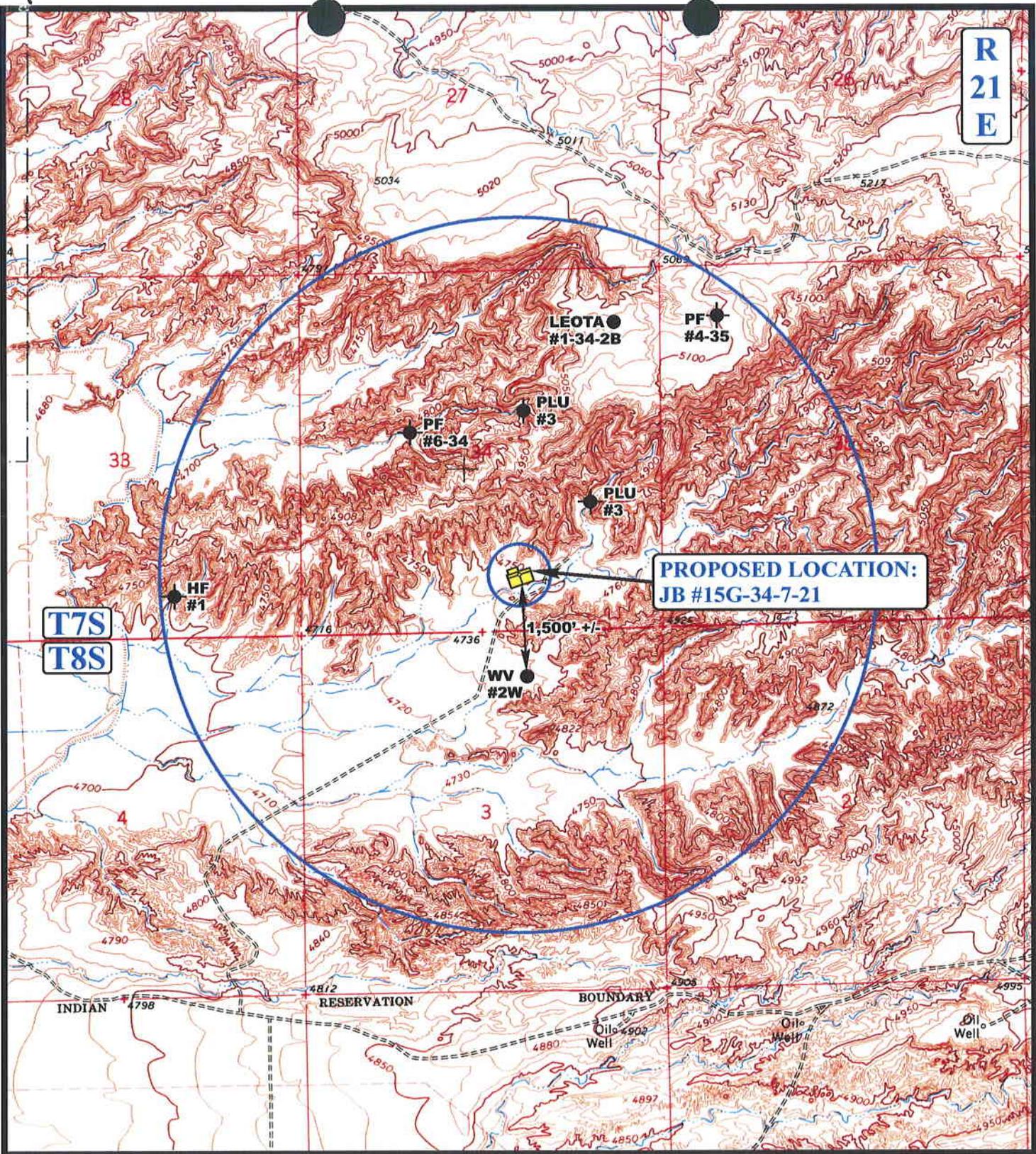


Utah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

TOPOGRAPHIC 10 30 08
MAP MONTH DAY YEAR
SCALE: 1" = 2000' DRAWN BY: Z.L. REV: 03-26-09 L.K.

B
TOPO

R
21
E



**PROPOSED LOCATION:
JB #15G-34-7-21**

1,500' +/-

T7S
T8S

LEGEND:

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

QUESTAR EXPLR. & PROD.

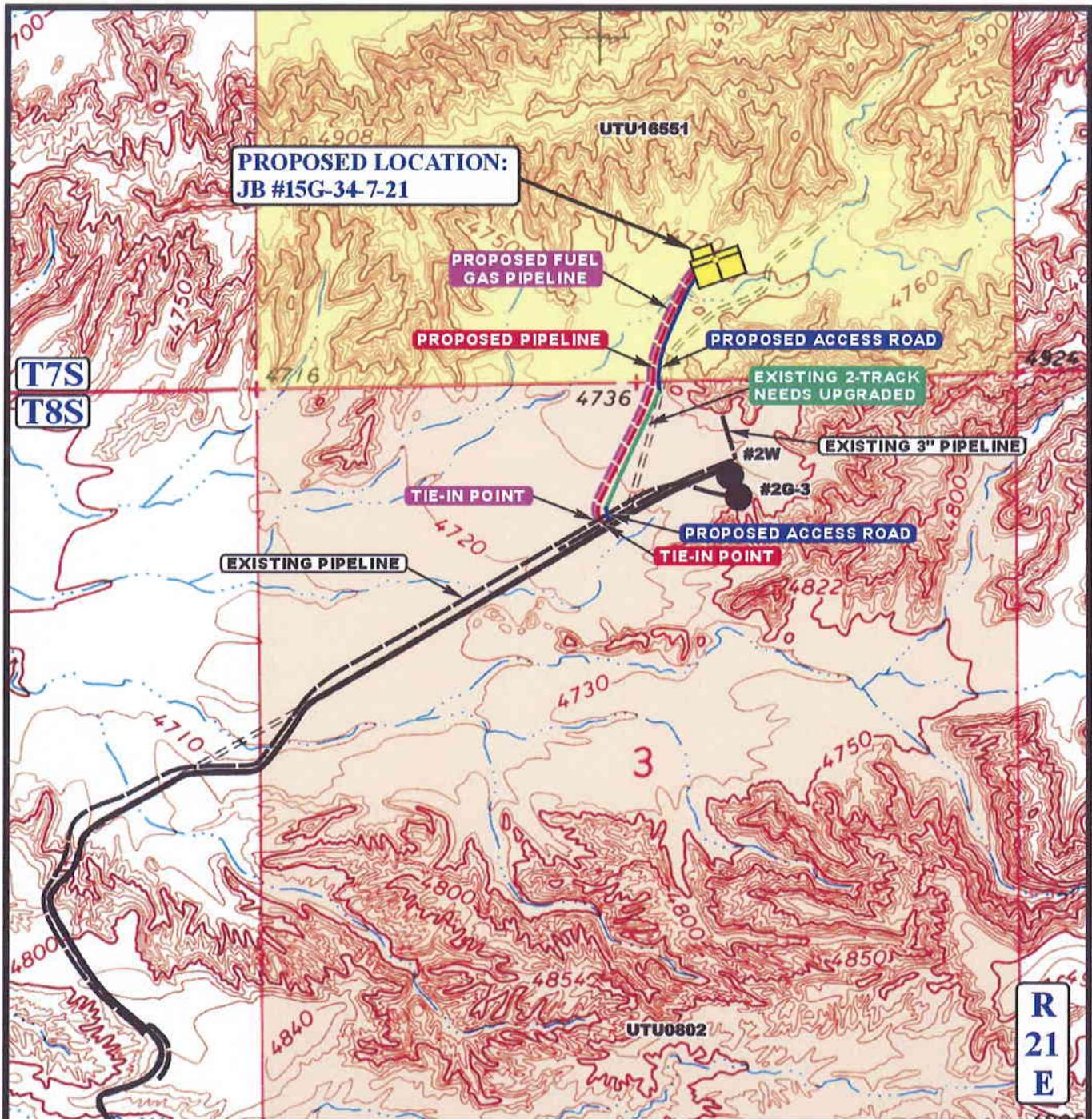
JB #15G-34-7-21
SECTION 34, T7S, R21E, S.L.B.&M.
834' FSL 2119' FEL



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

TOPOGRAPHIC MAP **10 30 08**
MONTH DAY YEAR
 SCALE: 1" = 2000' DRAWN BY: Z.L. REVISED: 00-00-00





APPROXIMATE TOTAL FUEL GAS PIPELINE DISTANCE = 1,907' +/-

APPROXIMATE TOTAL PIPELINE DISTANCE = 1,896' +/-

LEGEND:

-  PROPOSED ACCESS ROAD
-  EXISTING PIPELINE
-  PROPOSED PIPELINE
-  PROPOSED FUEL GAS PIPELINE



QUESTAR EXPLR. & PROD.

JB #15G-34-7-21
SECTION 34, T7S, R21E, S.L.B.&M.
834' FSL 2119' FEL



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

TOPOGRAPHIC 10 30 08
MAP MONTH DAY YEAR

SCALE: 1" = 1000' DRAWN BY: Z.L. REV: 03-26-09 L.K.



**WORKSHEET
APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 09/24/2009

API NO. ASSIGNED: 43-047-40616

WELL NAME: JB 15G-34-7-21

OPERATOR: QUESTAR EXPLORATION & (N5085)

PHONE NUMBER: 435-781-4331

CONTACT: JAN NELSON

PROPOSED LOCATION:

SWSE 34 070S 210E

SURFACE: 0834 FSL 2119 FEL

NESE
SWSW BOTTOM: 1600 FSL 1000 FEL Sec 33
LAT #2 1100 FSL 0600 FSL Sec 35
COUNTY: UINTAH

LATITUDE: 40.16234 LONGITUDE: -109.53881

UTM SURF EASTINGS: 624436 NORTHINGS: 4446588

FIELD NAME: WONSITS VALLEY (710)

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

LEASE TYPE: 1 - Federal

LEASE NUMBER: UTU-16551

SURFACE OWNER: 1 - Federal

PROPOSED FORMATION: GRRV

COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

- Plat
- Bond: Fed[1] Ind[] Sta[] Fee[]
(No. ESB000024)
- Potash (Y/N)
- Oil Shale 190-5 (B) or 190-3 or 190-13
- Water Permit
(No. 49-2153)
- RDCC Review (Y/N)
(Date: _____)
- Fee Surf Agreement (Y/N)
- Intent to Commingle (Y/N)

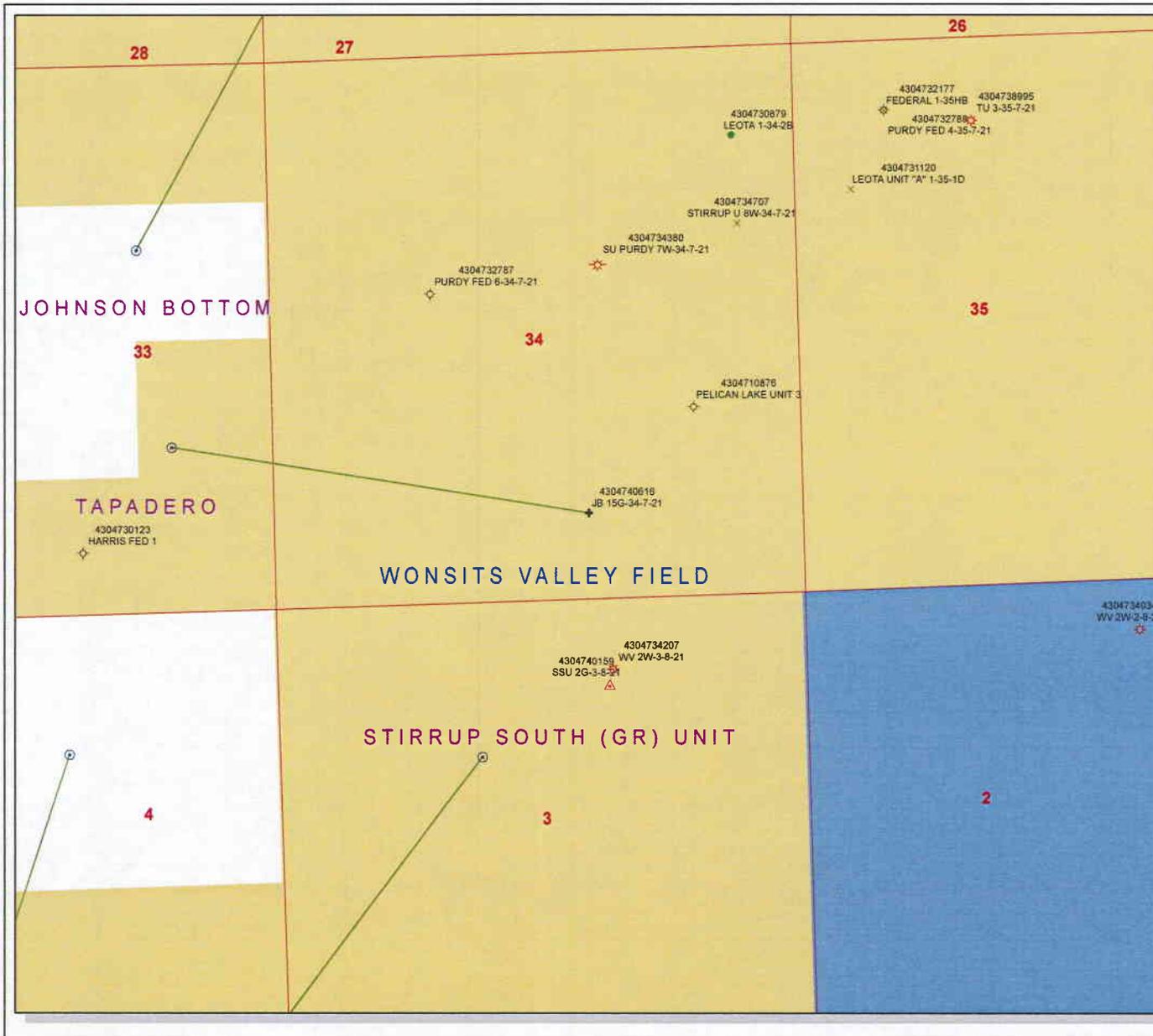
LOCATION AND SITING:

- ____ R649-2-3. *Horizontal*
- Unit: JOHNSON BOTTOM
- ____ R649-3-2. General
- Siting: 460 From Qtr/Qtr & 920' Between Wells
- ____ R649-3-3. Exception
- ____ Drilling Unit
- Board Cause No: _____
- Eff Date: _____
- Siting: _____
- ____ R649-3-11. Directional Drill

COMMENTS: _____

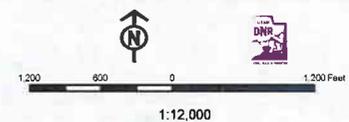
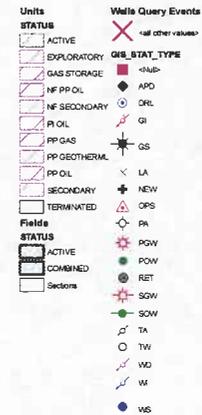
STIPULATIONS: 1- Federal Approval

2- Spacing 875'



API Number: 4304740616
Well Name: JB 15G-34-7-21
Township 07.0 S Range 21.0 E Section 34
Meridian: SLBM
 Operator: QUESTAR EXPLORATION & PRODUCTION CO

Map Prepared:
 Map Produced by Diana Mason



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office

P.O. Box 45155

Salt Lake City, Utah 84145-0155

IN REPLY REFER TO:

3160

(UT-922)

October 2, 2009

Memorandum

To: Assistant District Manager Minerals, Vernal District

From: Michael Coulthard, Petroleum Engineer

Subject: 2009 Plan of Development Johnson Bottom, Uintah County, Utah.

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following horizontal wells are planned for calendar year 2009 within the Johnson Bottom Unit, Uintah County, Utah

| API # | WELL NAME | LOCATION |
|---------------------------|---|----------|
| (Proposed PZ Green River) | | |
| 43-047-40613 | JB 8G-21-7-21 Sec 21 T07S R21E 2199 FNL 0844 FEL | |
| | LAT #1 Sec 22 T07S R21E 1980 FNL 1980 FEL | |
| | LAT #2 Sec 21 T07S R21E 0660 FSL 0660 FWL | |
| 43-047-40614 | JB 12G-27-7-21 Sec 27 T08S R21E 1859 FSL 0859 FWL | |
| | Lateral Sec 33 T07S R21E 1800 FNL 1300 FEL | |
| 43-047-40615 | JB 1G-28-7-21 Sec 28 T07S R21E 0663 FNL 0664 FEL | |
| | Lateral Sec 28 T07S R21E 1000 FSL 2750 FEL | |
| 43-047-40616 | JB 15G-34-7-21 Sec 34 T07S R21E 0834 FSL 2119 FEL | |
| | LAT #1 Sec 33 T07S R21E 1600 FSL 1000 FEL | |
| | LAT #2 Sec 35 T07S R21E 1100 FSL 0600 FWL | |

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

/s/ Michael L. Coulthard

bcc: File – Johnson Bottom Unit
Division of Oil Gas and Mining
Central Files
Agr. Sec. Chron
Fluid Chron



JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

November 5, 2009

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

Re: JB 15G-34-7-21 Well, Surface Location 834' FSL, 2119' FEL, SW SE, Sec. 34,
T. 7 South, R. 21 East, (1) Bottom Location 1600' FSL, 1000' FEL, NE SE, Sec. 33,
T. 7 South, R. 21 East (2) Bottom Location 1100' FSL, 600' FWL, SW SW Sec. 35,
T. 7 South, R. 21 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 43-047-40616.

Sincerely,

Gil Hunt
Associate Director

Enclosures

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



Operator: Questar Exploration & Production, Co.
Well Name & Number JB 15G-34-7-21
API Number: 43-047-40616
Lease: UTU-16551

Location Surface Location: SW SE **Sec.** 34 **T.** 7 South **R.** 21 East
(1)Bottom Location: NE SE **Sec.** 33 **T.** 7 South **R.** 21 East
(2)Bottom Location: SW SW **Sec.** 35 **T.** 7 South **R.** 21 East

Conditions of Approval

1. General

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

2. Notification Requirements

Notify the Division with 24 hours of spudding the well.

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

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

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

3. Reporting Requirements

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

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

5. 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.

Page 2

43-047-40616

November 5, 2009

6. 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.

CONFIDENTIAL

Form 3160-3
(July 1992)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE*

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

5. LEASE DESIGNATION AND SERIAL NO.
UTU-16551

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

7. UNIT AGREEMENT NAME
JOHNSON BOTTOM UNIT UTU-86617X

8. FARM OR LEASE NAME, WELL NO.
JB 15G-34-7-21

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

TYPE OF WORK
DRILL DEEPEN
TYPE OF WELL
OIL WELL GAS WELL OTHER SINGLE ZONE MULTIPLE ZONE

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

9. API NUMBER:
43-47-40616

3. ADDRESS
11002 E. 17500 SO. Vernal, Ut 84078
Telephone number
Phone 435-781-4331 Fax 435-781-4395

10. FIELD AND POOL, OR WILDCAT
UNDESIGNATED

4. LOCATION OF WELL (Report location clearly and in accordance with and State requirements*)
At Surface 834' FSL 2119' FEL, SWSE, SECTION 34, T7S, R21E
At proposed production zone PLEASE SEE ADDITIONAL INFORMATION

11. SEC., T, R, M, OR BLK & SURVEY OR AREA
SEC. 34, T7S, R21E Mer SLB&M

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

12. COUNTY OR PARISH
Utah
13. STATE
UT

15. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT.
(also to nearest drig, unit line if any)
834' +/-

16. NO. OF ACRES IN LEASE
2320

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
9,800' MD W LATERAL 1
8,225' MD E LATERAL 2

20. BLM/BIA Bond No. on file
ESB000024

21. ELEVATIONS (Show whether DF, RT, GR, ect.)
4746.4' GR

22. DATE WORK WILL START
3/1/2010

23. Estimated duration
60 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:

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

SIGNED [Signature]

Name (printed/typed) Jan Nelson

DATE 09-15-2009

TITLE Permit Agent

(This space for Federal or State office use)

CONDITIONS OF APPROVAL ATTACHED
VERNAL FIELD OFFICE

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

CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY [Signature] TITLE ACTING Assistant Field Manager Lands & Mineral Resources

RECEIVED

JUN 10 2010

DATE JUN 08 2010

DIV. OF OIL, GAS & MINING

*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

James H. Sparger

NOS 12-10-2008

SEP 17 2009

UDOGM

NOTICE OF APPROVAL

AFMSS# 09SXSO294A

BLM VERNAL, UTAH

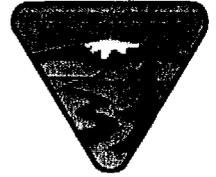


UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
VERNAL FIELD OFFICE

170 South 500 East

VERNAL, UT 84078

(435) 781-4400



CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company: Questar Exploration & Production, Co Location: SWSE, Sec. 34, T7S, R21E
Well No: JB 15G-34-7-21 Lease No: UTU-16551
API No: 43-047-40616 Agreement: N/A

OFFICE NUMBER: (435) 781-4400

OFFICE FAX NUMBER: (435) 781-3420

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

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. **This permit was processed using a 390 CX tied to NEPA approved 3/31/2008. Therefore, this permit is approved for a two (2) year period OR until lease expiration OR the well must be spud by 3/31/2013 (5 years from the NEPA approval date), whichever occurs first. An additional extension, up to two (2) years, may be applied for by sundry notice prior to expiration.**

NOTIFICATION REQUIREMENTS

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

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

- All new and replacement internal combustion gas field engines of less than or equal to 300 design-rated horsepower must not emit more than 2 gms of NO_x per horsepower-hour. This requirement does not apply to gas field engines of less than or equal to 40 design-rated horsepower.
- All and replacement internal combustion gas field engines of greater than 300 design rated horsepower must not emit more than 1.0 gms of NO_x per horsepower-hour.
- If there is an active Gilsonite mining operation within 2 miles of the well location, operator shall notify the Gilsonite operator at least 48 hours prior to any blasting during construction.
- If paleontological materials are uncovered during construction, the operator is to immediately stop work and contact the Authorized Officer (AO). A determination will be made by the AO as to what mitigation may be necessary for the discovered paleontologic material before construction can continue.
- During operations, if any vertebrate paleontological resources are discovered, all operations affecting such sites shall be immediately suspended, and all discoveries shall be left intact until authorized to proceed by the Authorized Officer. The appropriate Authorized Officer of the Vernal BLM office shall be notified within 48 hrs of the discovery, and a decision as to the preferred alternative/course of action will be rendered.
- As in the APD, the operator has place facilities on the north side of the location, away from the drainage. Corner 8 of the location will be rounded as much as possible and rip-rapped. Also soil will be kept out of the drainage.
- As in the APD, the operator has agreed to not construct or drill from March 1st to August 1st to help protect ferruginous hawks while they are nesting.
- As in the APD, the operator has agreed to bury the pipelines 4 feet deep or to bedrock through the floodplain.

**DOWNHOLE PROGRAM
CONDITIONS OF APPROVAL (COAs)**

SITE SPECIFIC DOWNHOLE COAs:

- Intermediate casing lead cement shall be brought from 4000' to surface with Hi-Fill cement.
- Run Gamma Ray log to surface.

Variances Granted:

Air Drilling:

- Properly lubricated and maintained rotating head, variance granted to use a properly maintained and lubricated diverter head in place of a rotating head.
- Blooie line discharge 100' from the well bore, variance granted for blooie line discharge to be 50'-70' from the well bore.
- Automatic igniter. Variance granted for igniter due to water mist.
- Compressors located in the opposite direction from the blooie line a minimum of 100' from the well bore. Variance granted for air compressors to be located within 50 feet from the well bore and opposite from the blooie line.
- In lieu of mud products on location, Questar will have a 400 bbl. water tank containing water for kill fluid.
- Questar is granted permission to mount a deflector at the end of the blooie line.
- Flare pit - so long as the pit liner is repaired immediately if damaged.

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

DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.
- All requirements listed in Onshore Order #2 III. E. Special Drilling Operations are applicable for air drilling of surface hole.
- Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.
- All BOPE components shall be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order

No. 2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a test pump with a chart recorder and **NOT** by the rig pumps. Test shall be reported in the driller's log.

- BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.
- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.
- No aggressive/fresh hard-banded drill pipe shall be used within casing.
- **Cement baskets shall not be run on surface casing.**
- The operator must report all shows of water or water-bearing sands to the BLM. If flowing water is encountered it must be sampled, analyzed, and a copy of the analyses submitted to the BLM Vernal Field Office.
- The operator must report encounters of all non oil & gas mineral resources (such as Gilsonite, tar sands, oil shale, trona, etc.) to the Vernal Field Office, in writing, within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.
- A complete set of angular deviation and directional surveys of a directional well will be submitted to the Vernal BLM office engineer within 30 days of the completion of the well.
- While actively drilling, chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.
- A cement bond log (CBL) will be run from the production casing shoe to the top of cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.
- **Please submit an electronic copy of all other logs run on this well in LAS format to UT_VN_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.**
- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. Any changes in operation must have prior approval from the BLM Vernal Field Office.

OPERATING REQUIREMENT REMINDERS:

- All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well.
- In accordance with 43 CFR 3162.4-3, this well shall be reported on the "Monthly Report of Operations" (Oil and Gas Operations Report ((OGOR)) starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 (303) 231-3650 for reporting information.
- Should the well be successfully completed for production, the BLM Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
 - Operator name, address, and telephone number.
 - Well name and number.
 - Well location (¼¼, Sec., Twn, Rng, and P.M.).
 - Date well was placed in a producing status (date of first production for which royalty will be paid).
 - The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
 - The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
 - Unit agreement and/or participating area name and number, if applicable.
 - Communitization agreement number, if applicable.
- Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from the BLM Vernal Field Office.
- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events, as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production.
- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4.

Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.

- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease, shall have prior written approval from the BLM Vernal Field Office.
- Oil and gas meters shall be calibrated in place prior to any deliveries. The BLM Vernal Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports shall be submitted to the BLM Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement. All measurement points shall be identified as the point of sale or allocation for royalty purposes.
- A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.
- Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a suitable plan and need prior approval of the BLM Vernal Field Office. Emergency approval may be obtained orally, but such approval does not waive the written report requirement.
- No location shall be constructed or moved, no well shall be plugged, and no drilling or workover equipment shall be removed from a well to be placed in a suspended status without prior approval of the BLM Vernal Field Office. If operations are to be suspended for more than 30 days, prior approval of the BLM Vernal Field Office shall be obtained and notification given before resumption of operations.
- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.
- Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

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 |
|--|---|

| WELL NAME | | CA No. | Unit: | JOHNSON BOTTOM | | | |
|--------------|-----|--------|--------|----------------|------------|-----------|-------------|
| 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
- Is the new operator registered in the State of Utah: Business Number: 6764611-0143
- (R649-9-2) Waste Management Plan has been received on: Requested
- Inspections of LA PA state/fee well sites complete on: n/a
- 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
- (R649-3-1) The **NEW** operator of any state/fee well(s) listed covered by Bond Number 965010695
- 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 | | 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 |
| | | 7. UNIT or CA AGREEMENT NAME: See attached |
| 1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____ | | 8. WELL NAME and NUMBER: See attached |
| 2. NAME OF OPERATOR: Questar Exploration and Production Company N5085 | | 9. API NUMBER: Attached |
| 3. ADDRESS OF OPERATOR: 1050 17th Street, Suite 500 <small>CITY</small> Denver <small>STATE</small> CO <small>ZIP</small> 80265 | PHONE NUMBER: (303) 672-6900 | 10. FIELD AND POOL, OR WILDCAT: See attached |
| 4. LOCATION OF WELL FOOTAGES AT SURFACE: See attached | | COUNTY: Attached |
| QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: | | STATE: UTAH |

| 11 CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA | | | |
|--|---|---|--|
| TYPE OF SUBMISSION | TYPE OF ACTION | | |
| <input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: <u>6/14/2010</u> | <input type="checkbox"/> ACIDIZE | <input type="checkbox"/> DEEPEN | <input type="checkbox"/> REPERFORATE CURRENT FORMATION |
| | <input type="checkbox"/> 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 June 14, 2010 Questar Exploration and Production Company changed its name to QEP Energy Company. This name change involves only an internal corporate name change and no third party change of operator is involved. The same employees will continue to be responsible for operations of the properties described on the attached list. All operations will continue to be covered by bond numbers:
 Federal Bond Number: 965002976 (BLM Reference No. ESB000024) **N3700**
 Utah State Bond Number: ~~965003033~~ } **965010695**
 Fee Land Bond Number: ~~965003033~~
 BIA Bond Number: ~~799446~~ **965010693**

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

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

(This space for State use only)

RECEIVED
JUN 28 2010

DIV. OF OIL, GAS & MINING

APPROVED 6/13/2010
Earlene Russell
Division of Oil, Gas and Mining
Earlene Russell, Engineering Technician

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

| well_name | sec | twp | rng | api | entity | mineral lease | type | stat | C |
|----------------------|-----|------|------|------------|--------|------------------|------|------|---|
| LEOTA 1-34-2B | 34 | 070S | 210E | 4304730879 | 5420 | Federal | OW | P | |
| WV 7W-36-7-21 | 36 | 070S | 210E | 4304734065 | 13334 | State | D | PA | |
| WV 9W-36-7-21 | 36 | 070S | 210E | 4304734066 | 13331 | State | D | PA | |
| WV 11W-36-7-21 | 36 | 070S | 210E | 4304734067 | 13678 | State | GW | PA | |
| WV 5W-36-7-21 | 36 | 070S | 210E | 4304734099 | 13807 | State | GW | OPS | C |
| WV 13W-36-7-21 | 36 | 070S | 210E | 4304734100 | 13678 | State | GW | P | |
| SU PURDY 7W-34-7-21 | 34 | 070S | 210E | 4304734380 | 13679 | Federal | GW | P | |
| BBE 15G-16-7-21 | 16 | 070S | 210E | 4304735408 | 14070 | State | OW | P | |
| BBS 15G-22-7-21 | 22 | 070S | 210E | 4304737443 | 15688 | Federal | OW | P | C |
| TU 3-35-7-21 | 35 | 070S | 210E | 4304738995 | 16512 | Federal | GW | P | |
| SU PURDY 3M-25-7-21 | 25 | 070S | 210E | 4304739179 | | Federal | OW | APD | C |
| JB 4G-27-7-21 | 27 | 070S | 210E | 4304739180 | | Federal | OW | APD | C |
| SU PURDY 10G-27-7-21 | 27 | 070S | 210E | 4304739181 | | Federal | OW | APD | C |
| JB 8G-21-7-21 | 21 | 070S | 210E | 4304740613 | 17595 | Federal | OW | DRL | C |
| JB 12G-27-7-21 | 27 | 070S | 210E | 4304740614 | | Federal | OW | APD | C |
| JB 1G-28-7-21 | 28 | 070S | 210E | 4304740615 | | Federal | OW | APD | C |
| JB 15G-34-7-21 | 34 | 070S | 210E | 4304740616 | | Federal | OW | APD | C |

Bonds: BLM = ESB000024
BIA = 956010693
State = 965010695



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

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



IN REPLY REFER TO:
3100
(UT-922)

JUL 28 2010

Memorandum

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

From: Chief, Branch of Minerals

Robert L. Bankert

Subject: Name Change Recognized

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

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

cc: MMS
UDOGM

RECEIVED

AUG 16 2010

DIV. OF OIL, GAS & MINERALS

| | |
|--|---|
| STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING | FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-16551 |
| 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. | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME: 7. UNIT or CA AGREEMENT NAME: JOHNSON BOTTOM |
| 1. TYPE OF WELL Oil Well | 8. WELL NAME and NUMBER: JB 15G-34-7-21 |
| 2. NAME OF OPERATOR: QEP ENERGY COMPANY | 9. API NUMBER: 43047406160000 |
| 3. ADDRESS OF OPERATOR: 11002 East 17500 South , Vernal, Ut, 84078 | PHONE NUMBER: 303 308-3068 Ext |
| 4. LOCATION OF WELL FOOTAGES AT SURFACE: 0834 FSL 2119 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSE Section: 34 Township: 07.0S Range: 21.0E Meridian: S | 9. FIELD and POOL or WILDCAT: WONSITS VALLEY COUNTY: UINTAH 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 Approximate date work will start: 11/5/2011 <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date: | <input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION | <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER | <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input checked="" type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/> |

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

QEP ENERGY COMPANY HEREBY REQUESTS A ONE YEAR EXTENSION FOR THE APD ON THE ABOVE CAPTIONED WELL.

**Approved by the
Utah Division of
Oil, Gas and Mining**

Date: November 04, 2010

By: 

| | | |
|--|-------------------------------------|------------------------------|
| NAME (PLEASE PRINT) Jan Nelson | PHONE NUMBER 435 781-4331 | TITLE Permit Agent |
| SIGNATURE N/A | DATE 11/3/2010 | |



The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Request for Permit Extension Validation Well Number 43047406160000

API: 43047406160000

Well Name: JB 15G-34-7-21

Location: 0834 FSL 2119 FEL QTR SWSE SEC 34 TWP 070S RNG 210E MER S

Company Permit Issued to: QEP ENERGY COMPANY

Date Original Permit Issued: 11/5/2009

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision. Following is a checklist of some items related to the application, which should be verified.

- If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes No
- Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes No
- Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes No
- Have there been any changes to the access route including ownership, or rightof- way, which could affect the proposed location? Yes No
- Has the approved source of water for drilling changed? Yes No
- Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes No
- Is bonding still in place, which covers this proposed well? Yes No

**Approved by the
Utah Division of
Oil, Gas and Mining**

Signature: Jan Nelson

Date: 11/3/2010

Title: Permit Agent **Representing:** QEP ENERGY COMPANY

Date: November 04, 2010

By: 

| 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: UTU-16551 |
| 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: |
| | | 7. UNIT or CA AGREEMENT NAME: JOHNSON BOTTOM |
| 1. TYPE OF WELL Oil Well | | 8. WELL NAME and NUMBER: JB 15G-34-7-21 |
| 2. NAME OF OPERATOR: QEP ENERGY COMPANY | | 9. API NUMBER: 43047406160000 |
| 3. ADDRESS OF OPERATOR: 11002 East 17500 South , Vernal, Ut, 84078 | PHONE NUMBER: 303 308-3068 Ext | 9. FIELD and POOL or WILDCAT: WONSITS VALLEY |
| 4. LOCATION OF WELL FOOTAGES AT SURFACE: 0834 FSL 2119 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSE Section: 34 Township: 07.0S Range: 21.0E Meridian: S | | COUNTY: UINTAH |
| | | 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 Approximate date work will start: 11/5/2012 <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date: | <input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> APD EXTENSION <input type="checkbox"/> WILDCAT WELL DETERMINATION <input type="checkbox"/> OTHER OTHER: <input style="width: 50px;" type="text"/> | |
| 12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. QEP ENERGY COMPANY HEREBY REQUESTS A ONE YEAR EXTENSION FOR THE APD ON THE ABOVE CAPTIONED WELL. | | |
| | | Approved by the Utah Division of Oil, Gas and Mining Date: <u>11/07/2011</u> By:  |
| NAME (PLEASE PRINT) Valyn Davis | PHONE NUMBER 435 781-4369 | TITLE Regulatory Affairs Analyst |
| SIGNATURE N/A | | DATE 11/3/2011 |



The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Request for Permit Extension Validation Well Number 43047406160000

API: 43047406160000

Well Name: JB 15G-34-7-21

Location: 0834 FSL 2119 FEL QTR SWSE SEC 34 TWP 070S RNG 210E MER S

Company Permit Issued to: QEP ENERGY COMPANY

Date Original Permit Issued: 11/5/2009

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision. Following is a checklist of some items related to the application, which should be verified.

- If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes No

- Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes No

- Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes No

- Have there been any changes to the access route including ownership, or rightof- way, which could affect the proposed location? Yes No

- Has the approved source of water for drilling changed? Yes No

- Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes No

- Is bonding still in place, which covers this proposed well? Yes No

Signature: Valyn Davis

Date: 11/3/2011

Title: Regulatory Affairs Analyst **Representing:** QEP ENERGY COMPANY

| | |
|--|--|
| 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: UTU-16551 |
| 1. TYPE OF WELL Oil Well | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME: |
| 2. NAME OF OPERATOR: QEP ENERGY COMPANY | 7. UNIT or CA AGREEMENT NAME: JOHNSON BOTTOM |
| 3. ADDRESS OF OPERATOR: 11002 East 17500 South , Vernal, Ut, 84078 | 8. WELL NAME and NUMBER: JB 15G-34-7-21 |
| 4. LOCATION OF WELL FOOTAGES AT SURFACE: 0834 FSL 2119 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSE Section: 34 Township: 07.0S Range: 21.0E Meridian: S | 9. API NUMBER: 43047406160000 |
| 9. FIELD and POOL or WILDCAT: WONSITS VALLEY | COUNTY: UINTAH |
| 9. API NUMBER: 43047406160000 | 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 Approximate date work will start: 11/5/2013 | <input type="checkbox"/> ACIDIZE | <input type="checkbox"/> ALTER CASING | <input type="checkbox"/> CASING REPAIR |
| <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: | <input type="checkbox"/> CHANGE TO PREVIOUS PLANS | <input type="checkbox"/> CHANGE TUBING | <input type="checkbox"/> CHANGE WELL NAME |
| <input type="checkbox"/> SPUD REPORT Date of Spud: | <input type="checkbox"/> CHANGE WELL STATUS | <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS | <input type="checkbox"/> CONVERT WELL TYPE |
| <input type="checkbox"/> DRILLING REPORT Report Date: | <input type="checkbox"/> DEEPEN | <input type="checkbox"/> FRACTURE TREAT | <input type="checkbox"/> NEW CONSTRUCTION |
| | <input type="checkbox"/> OPERATOR CHANGE | <input type="checkbox"/> PLUG AND ABANDON | <input type="checkbox"/> PLUG BACK |
| | <input type="checkbox"/> PRODUCTION START OR RESUME | <input type="checkbox"/> RECLAMATION OF WELL SITE | <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION |
| | <input type="checkbox"/> REPERFORATE CURRENT FORMATION | <input type="checkbox"/> SIDETRACK TO REPAIR WELL | <input type="checkbox"/> TEMPORARY ABANDON |
| | <input type="checkbox"/> TUBING REPAIR | <input type="checkbox"/> VENT OR FLARE | <input type="checkbox"/> WATER DISPOSAL |
| | <input type="checkbox"/> WATER SHUTOFF | <input type="checkbox"/> SI TA STATUS EXTENSION | <input checked="" type="checkbox"/> APD EXTENSION |
| | <input type="checkbox"/> WILDCAT WELL DETERMINATION | <input type="checkbox"/> OTHER | OTHER: <input style="width: 100px;" type="text"/> |

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

QEP ENERGY COMPANY HEREBY REQUESTS A ONE YEAR EXTENSION ON THE APD FOR THE ABOVE CAPTIONED WELL.

**Approved by the
Utah Division of
Oil, Gas and Mining**

Date: November 13, 2012

By: 

| | | |
|------------------------------------|------------------------------|-------------------------------------|
| NAME (PLEASE PRINT) Valyn Davis | PHONE NUMBER 435 781-4369 | TITLE Regulatory Affairs Analyst |
| SIGNATURE N/A | DATE 11/5/2012 | |



The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Request for Permit Extension Validation Well Number 43047406160000

API: 43047406160000

Well Name: JB 15G-34-7-21

Location: 0834 FSL 2119 FEL QTR SWSE SEC 34 TWNP 070S RNG 210E MER S

Company Permit Issued to: QEP ENERGY COMPANY

Date Original Permit Issued: 11/5/2009

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision. Following is a checklist of some items related to the application, which should be verified.

- If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes No

- Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes No

- Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes No

- Have there been any changes to the access route including ownership, or rightof- way, which could affect the proposed location? Yes No

- Has the approved source of water for drilling changed? Yes No

- Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes No

- Is bonding still in place, which covers this proposed well? Yes No

Signature: Valyn Davis

Date: 11/5/2012

Title: Regulatory Affairs Analyst Representing: QEP ENERGY COMPANY

| | |
|--|---|
| 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 | 5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-16551 |
| 2. NAME OF OPERATOR: QEP ENERGY COMPANY | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME: |
| 3. ADDRESS OF OPERATOR: 11002 East 17500 South , Vernal, Ut, 84078 | 7. UNIT or CA AGREEMENT NAME: JOHNSON BOTTOM |
| 4. LOCATION OF WELL FOOTAGES AT SURFACE: 0834 FSL 2119 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSE Section: 34 Township: 07.0S Range: 21.0E Meridian: S | 8. WELL NAME and NUMBER: JB 15G-34-7-21 |
| PHONE NUMBER: 303 308-3068 Ext | 9. API NUMBER: 43047406160000 |
| 9. FIELD and POOL or WILDCAT: WONSITS VALLEY | COUNTY: UINTAH |
| | 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 Approximate date work will start: 11/5/2014 | <input type="checkbox"/> ACIDIZE | <input type="checkbox"/> ALTER CASING | <input type="checkbox"/> CASING REPAIR |
| <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: | <input type="checkbox"/> CHANGE TO PREVIOUS PLANS | <input type="checkbox"/> CHANGE TUBING | <input type="checkbox"/> CHANGE WELL NAME |
| <input type="checkbox"/> SPUD REPORT Date of Spud: | <input type="checkbox"/> CHANGE WELL STATUS | <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS | <input type="checkbox"/> CONVERT WELL TYPE |
| <input type="checkbox"/> DRILLING REPORT Report Date: | <input type="checkbox"/> DEEPEN | <input type="checkbox"/> FRACTURE TREAT | <input type="checkbox"/> NEW CONSTRUCTION |
| | <input type="checkbox"/> OPERATOR CHANGE | <input type="checkbox"/> PLUG AND ABANDON | <input type="checkbox"/> PLUG BACK |
| | <input type="checkbox"/> PRODUCTION START OR RESUME | <input type="checkbox"/> RECLAMATION OF WELL SITE | <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION |
| | <input type="checkbox"/> REPERFORATE CURRENT FORMATION | <input type="checkbox"/> SIDETRACK TO REPAIR WELL | <input type="checkbox"/> TEMPORARY ABANDON |
| | <input type="checkbox"/> TUBING REPAIR | <input type="checkbox"/> VENT OR FLARE | <input type="checkbox"/> WATER DISPOSAL |
| | <input type="checkbox"/> WATER SHUTOFF | <input type="checkbox"/> SI TA STATUS EXTENSION | <input checked="" type="checkbox"/> APD EXTENSION |
| | <input type="checkbox"/> WILDCAT WELL DETERMINATION | <input type="checkbox"/> OTHER | OTHER: <input style="width: 100px;" type="text"/> |

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

QEP ENERGY COMPANY HEREBY REQUESTS A ONE YEAR EXTENSION FOR THE APD ON THE ABOVE CAPTIONED WELL.

Approved by the Utah Division of Oil, Gas and Mining

Date: November 07, 2013

By:

| | | |
|---|-------------------------------------|--|
| NAME (PLEASE PRINT) Valyn Davis | PHONE NUMBER 435 781-4369 | TITLE Regulatory Affairs Analyst |
| SIGNATURE N/A | DATE 11/6/2013 | |



The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Request for Permit Extension Validation Well Number 43047406160000

API: 43047406160000

Well Name: JB 15G-34-7-21

Location: 0834 FSL 2119 FEL QTR SWSE SEC 34 TWNP 070S RNG 210E MER S

Company Permit Issued to: QEP ENERGY COMPANY

Date Original Permit Issued: 11/5/2009

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision. Following is a checklist of some items related to the application, which should be verified.

- If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes No

- Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes No

- Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes No

- Have there been any changes to the access route including ownership, or rightof- way, which could affect the proposed location? Yes No

- Has the approved source of water for drilling changed? Yes No

- Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes No

- Is bonding still in place, which covers this proposed well? Yes No

Signature: Valyn Davis

Date: 11/6/2013

Title: Regulatory Affairs Analyst Representing: QEP ENERGY COMPANY



GARY R. HERBERT
Governor

SPENCER J. COX
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

November 14, 2014

43 047 40616
JB 154-3A-7-21
3A 7S 21E

Valyn Davis
QEP Energy Company
11002 East 17500 South
Vernal, UT 84078

Re: APDs Rescinded for QEP Energy Company, Uintah County

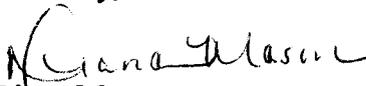
Dear Ms. Davis:

Enclosed find the list of APDs that you asked to be rescinded. No drilling activity at these locations has been reported to the division. Therefore, approval to drill these wells is hereby rescinded, effective October 6, 2014.

A new APD must be filed with this office for approval prior to the commencement of any future work on the subject location.

If any previously unreported operations have been performed on this well location, it is imperative that you notify the Division immediately.

Sincerely,


Diana Mason
Environmental Scientist

cc: Well File
Bureau of Land Management, Vernal

43-047-39673- RWS 5D-5-9-24
43-047-39674- RWS 1D-6-9-24
43-047-39675- NBZ 3D-31-8-24
43-047-40399- Melange U 1
43-047-40614- JB 12G-27-7-21
→ 43-047-40616- JB 15G-34-7-21
43-047-15295- RW 43-24B
43-047-30341- RW 14-25B