

August 26, 2005

Fluid Minerals Group  
Bureau of Land Management  
Vernal Field Office  
170 South 500 East  
Vernal, Utah 84078

RE: Application for Permit to Drill—Dominion Exploration & Production, Inc.  
RBU 11-17E

Surface : 1,991' FSL & 2,275' FEL, NW/4 SE/4  
Target: 1,500' FSL & 2,100' FWL, NE/4 SW/4  
Section 17, T10S, R19E, SLB&M, Uintah County, Utah

Dear Fluid Minerals Group:

On behalf of Dominion Exploration & Production, Inc. (Dominion), Buys & Associates, Inc. respectfully submits the enclosed original and two copies of the *Application for Permit to Drill (APD)* for the above referenced directional well. Included with the APD is the following supplemental information:

Exhibit "A" - Survey plats, layouts and photos of the proposed well site;

Exhibit "B" - Proposed location maps with access and utility corridors;

Exhibit "C" - Production site layout;

Exhibit "D" - Drilling Plan;

Exhibit "E" - Surface Use Plan;

Exhibit "F" - Typical BOP and Choke Manifold diagram.

Please accept this letter as Dominion's, written request for confidential treatment of all information contained in and pertaining to this application.

Thank you very much for your timely consideration of this application. Please feel free to contact myself or Carla Christian of Dominion at 405-749-5263 if you have any questions or need additional information.

Sincerely,

*Don Hamilton*

Don Hamilton  
Agent for Dominion

cc: Diana Whitney, Division of Oil, Gas and Mining  
Carla Christian, Dominion

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DIV. OF OIL, GAS & MINING

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

5. LEASE DESIGNATION AND SERIAL NO. <b>U-03505</b>
6. IF INDIAN, ALLOTTEE OR TRIBE NAME <b>N/A</b>
7. UNIT AGREEMENT NAME <b>River Bend Unit</b>
8. FARM OR LEASE NAME, WELL NO. <b>RBU 11-17E</b>
9. API WELL NO. <b>43-047-37057</b>
10. FIELD AND POOL, OR WILDCAT <b>Natural Buttes</b>
11. SEC., T., R., M., OR BLK. A <b>Section 17, T10S, R19E, SLB&amp;M</b>
12. COUNTY OR PARISH <b>Uintah</b>
13. STATE <b>Utah</b>

**APPLICATION FOR PERMIT TO DRILL OR DEEPEN**

1a. TYPE OF WORK  
**DRILL**  **DEEPEN**

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

2. NAME OF OPERATOR  
**Dominion Exploration & Production, Inc.**

3. ADDRESS AND TELEPHONE NO.  
**14000 Quail Springs Parkway, Suite 600, Oklahoma City, OK 73134, 405-749-5263**

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*  
At surface **Surf 602178X 39.944578**  
**1,991' FSL & 2,275' FEL, NW/4 SE/4**  
At proposed prod. zone **4422081Y 109.803982**  
**1,500' FSL & 2,100' FWL, NE/4 SW/4**

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
**11.97 miles southwest of Ouray, Utah**

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any) **377'**

16. NO. OF ACRES IN LEASE **1,057.35**

17. NO. OF ACRES ASSIGNED TO THIS WELL **40 acres**

18. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. **1,540'**

19. PROPOSED DEPTH **8,650'**

20. ROTARY OR CABLE TOOLS  
**Rotary**

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
**5,052' GR**

22. APPROX. DATE WORK WILL START\*  
**November 15, 2005**

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17-1/2"	13-3/8" H-40 ST&C	48#	500'	450 sacks Class C cement + 2% CaCl <sub>2</sub> + 1/4 #/sk. Poly-E-Flakes
12-1/4"	9-5/8" J-55 LT&C	36#	2,800'	300 sacks Lead and 390 sacks Tail (see Drilling Plan)
7-7/8"	5-1/2" Mav-80 LT&C	17#	8,650'	90 sacks Lead and 600 sacks Tail (see Drilling Plan)

**This well is a directional well from the proposed RBU 10-17E pad and is located on BLM managed federal surface.**

**Bond Information:**

Bond coverage is provided by Travelers Casualty and Surety Company of America, Bond #76S 63050 0330

**Other Information:**

Drilling Plan and Surface Use Plan are attached.  
Dominion requests that this complete application for permit to drill be held confidential.  
A request for exception to spacing (R649-3-11) is hereby requested based on topography since the well is located within 460' of the drilling unit boundary. Dominion Exploration & Production, Inc. is the only owner and operator within 460' of the proposed well and all points along the intended well bore path.

BHL 601964X 39.943041  
4421907Y - 109.806521

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IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, give data present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED Don Hamilton Don Hamilton TITLE Agent for Dominion DATE August 26, 2005

(This space for Federal or State office use)  
PERMIT NO. 43-047-37057 APPROVAL DATE \_\_\_\_\_

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.  
CONDITIONS OF APPROVAL, IF ANY:  
APPROVED BY Bradley G. Hill TITLE BRADLEY G. HILL ENVIRONMENTAL SCIENTIST III DATE 09-01-05

**\*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 or the Federal Approval of this Action is Necessary



# DRILLING PLAN

## APPROVAL OF OPERATIONS

### Attachment for Permit to Drill

**Name of Operator:** Dominion Exploration & Production  
**Address:** 14000 Quail Springs Parkway, Suite 600  
Oklahoma City, OK 73134  
**Well Location:** RBU 11-17E  
SHL: 1991' FSL & 2275' FEL, Section 17-10S-19E  
BHL: 1500' FSL & 2100' FWL, Section 17-10S-19E  
Uintah County, UT

1. GEOLOGIC SURFACE FORMATION Uintah
2. ESTIMATED DEPTHS OF IMPORTANT GEOLOGIC MARKERS

<u>Formation</u>	<u>Depth</u>
Wasatch Tongue	4,130'
Uteland Limestone	4,490'
Wasatch	4,645'
Chapita Wells	5,635'
Uteland Buttes	6,905'
Mesaverde	7,815'

3. ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS

<u>Formation</u>	<u>Depth</u>	<u>Type</u>
Wasatch Tongue	4,130'	Oil
Uteland Limestone	4,490'	Oil
Wasatch	4,645'	Gas
Chapita Wells	5,635'	Gas
Uteland Buttes	6,905'	Gas
Mesaverde	7,815'	Gas

4. PROPOSED CASING PROGRAM

All casing used to drill this well will be new casing.

<u>Type</u>	<u>Size</u>	<u>Weight</u>	<u>Grade</u>	<u>Conn.</u>	<u>Top</u>	<u>Bottom</u>	<u>Hole</u>
Surface	13-3/8"	48.0 ppf	H-40	STC	0'	500'	17-1/2"
Intermediate	9-5/8"	36.0 ppf	J-55	LTC	0'	2,800'	12-1/4"
Production	5-1/2"	17.0 ppf	MAV-80	LTC	0'	8,650'	7-7/8"

5. OPERATOR'S MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL

Surface hole: No BOPE will be utilized.

Intermediate hole: To be drilled using a diverter stack with rotating head to divert flow from rig floor.

Production hole: Prior to drilling out the intermediate casing shoe, 3,000 psi or greater BOP equipment will be installed. The pipe rams will be operated at least once per day from intermediate casing to total depth. The blind rams will be tested once per day from intermediate casing to total depth if operations permit.

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## DRILLING PLAN

### APPROVAL OF OPERATIONS

A diagram of the planned BOP equipment for normal drilling operations in this area is attached. As denoted there will be two valves and one check valve on the kill line, two valves on the choke line, and two adjustable chokes on the manifold system. The BOP "stack" will consist of two BOP rams (1 pipe, 1 blind) and one annular type preventer, all rated to a minimum of 3,000 psi working pressure.

The BOP equipment will be pressure tested prior to drilling below the intermediate casing shoe. All test pressures will be maintained for fifteen (15) minutes without any significant pressure decrease. Clear water will be circulated into the BOP stack and lines prior to pressure testing. The following test pressures will be used as a minimum for various equipment items.

1.	Annular BOP	1,500 psi
2.	Ram type BOP	3,000 psi
3.	Kill line valves	3,000 psi
4.	Choke line valves and choke manifold valves	3,000 psi
5.	Chokes	3,000 psi
6.	Casing, casinghead & weld	1,500 psi
7.	Upper kelly cock and safety valve	3,000 psi
8.	Dart valve	3,000 psi

#### 6. MUD SYSTEMS

- An air or an air/mist system may be used to drill to drill the surface hole until water influx becomes too great.
- KCL mud system will be used to drill well.

<u>Depths</u>	<u>Mud Weight (ppg)</u>	<u>Mud System</u>
0' – 500'	8.4	Air foam mist, no pressure control
500' – 2,800'	8.6	Fresh water, rotating head and diverter
2,800' – 8,650'	8.6	Fresh water/2% KCL/KCL mud system

#### 7. BLOOIE LINE

- An automatic igniter will not be installed on blooie line. The blooie will have a contant ignition source.
- A "target tee" connection will be installed on blooie line for 90° change of directions for abrasion resistance.
- "Target tee" connections will be a minimum of 50' from wellhead.
- The blooie line discharge will be a minimum of 100' from the wellhead.

#### 8. AUXILIARY EQUIPMENT TO BE USED

- a. Kelly cock.
- b. Full opening valve with drill pipe connection will be kept on floor. Valve will be used when the kelly is not in string.

#### 9. TESTING, LOGGING, AND CORING PROGRAMS TO BE FOLLOWED

- A drillstem test in the Wasatch Tongue is possible.
- One electric line wire-log will be run from total depth to intermediate casing.
- The gamma ray will be left on to record from total depth to intermediate casing.
- Other log curves (resistivities, porosity, and caliper) will record from total depth to intermediate casing.
- A dipmeter, percussion cores, or rotary cores may be run over selected intervals.

#### 10. ANTICIPATED ABNORMAL PRESSURES OR TEMPERATURES EXPECTED

- Expected BHP 1,500–2,000 psi (lower than normal pressure gradient).
- No abnormal temperature or pressures are anticipated.
- The formations to be penetrated do not contain known H2S gas.

#### 11. WATER SUPPLY

- No water pipelines will be laid for this well.
- No water well will be drilled for this well.
- Drilling water for this will be hauled on the road(s) shown in Attachment No. 3.
- Water will be hauled from: Water Permit # 43-10447 Section 9, Township 8 South, Range 20 East

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**DRILLING PLAN**

**APPROVAL OF OPERATIONS**

**12. CEMENT SYSTEMS**

**a. Surface Cement:**

Drill 17-1/2" hole to 500' and cement 13-3/8" to surface with 450 sks class "C" cement with 2% CaCl<sub>2</sub> and 1/4 #/sk. Poly-E-Flakes (volume includes 40% excess). Top out if necessary with Top Out cement listed below.

**b. Intermediate Casing Cement:**

- Drill 12-1/4" hole to 2,800'±, run and cement 9-5/8" to surface.
- Pump 20 bbls lightly weighted water spacer followed by 5 bbls fresh water. Displace with any available water.
- Casing to be run with: a) guide shoe b) insert float c) three (3) centralizers, one on each of first 3 joints d) stop ring for plug two joints off bottom e) bottom three joints thread locked f) pump job with bottom plug only.
- Cement to surface not required due to surface casing set deeper than normal.

<u>Type</u>	<u>Sacks</u>	<u>Interval</u>	<u>Density</u>	<u>Yield</u>	<u>Hole</u>	<u>Cement</u>	<u>Excess</u>
					<u>Volume</u>	<u>Volume</u>	
Lead	300	0'-2,000'	11.0 ppg	3.82 CFS	658 CF	1,152 CF	75%
Tail	390	2,000'-2,800'	15.6 ppg	1.20 CFS	268 CF	469 CF	75%

**Lead Mix:** Halliburton Prem Plus V blend. Blend includes Class "C" cement, gel, salt, gilsonite, EX-1 and HR-7.  
 Slurry yield: 3.82 cf/sack      Slurry weight: 11.00 #/gal.  
 Water requirement: 22.95 gal/sack  
 Compressives @ 130°F: 157 psi after 24 hours

**Tail Mix:** Class "G" Cement, 1/4 lb/sk Cellophane Flakes + 2% bwoc Calcium Chloride + 44.3% fresh water.  
 Pump Time: 1 hr. 5 min. @ 90 °F.  
 Compressives @ 95 °F: 24 Hour is 4,700 psi

**c. Production Casing Cement:**

- Drill 7-7/8" hole to 8,650'±, run and cement 5 1/2".
- Cement interface is at 3,700', which is typically 500'-1,000' above shallowest pay.
- Pump 20 bbl Mud Clean II unweighted spacer, followed by 20 Bbls fresh H2O spacer.
- Displace with 3% KCL.

<u>Type</u>	<u>Sacks</u>	<u>Interval</u>	<u>Density</u>	<u>Yield</u>	<u>Hole</u>	<u>Cement</u>	<u>Excess</u>
					<u>Volume</u>	<u>Volume</u>	
Lead	90	3,700'-4,500'	11.5 ppg	3.12 CFS	139 CF	277 CF	100%
Tail	600	4,500'-8,650'	13.0 ppg	1.75 CFS	525 CF	1050 CF	100%

Note: Caliper will be run to determine exact cement volume.

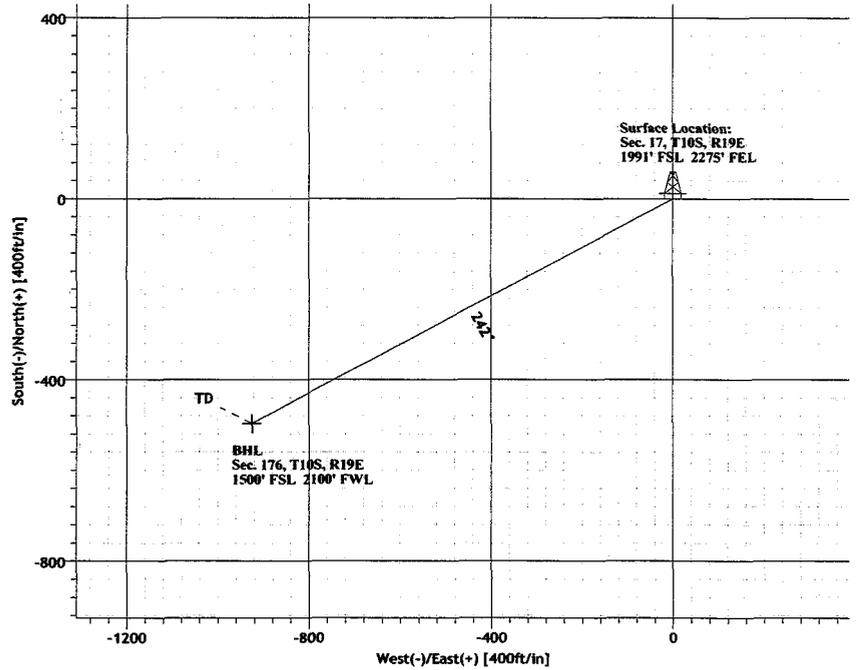
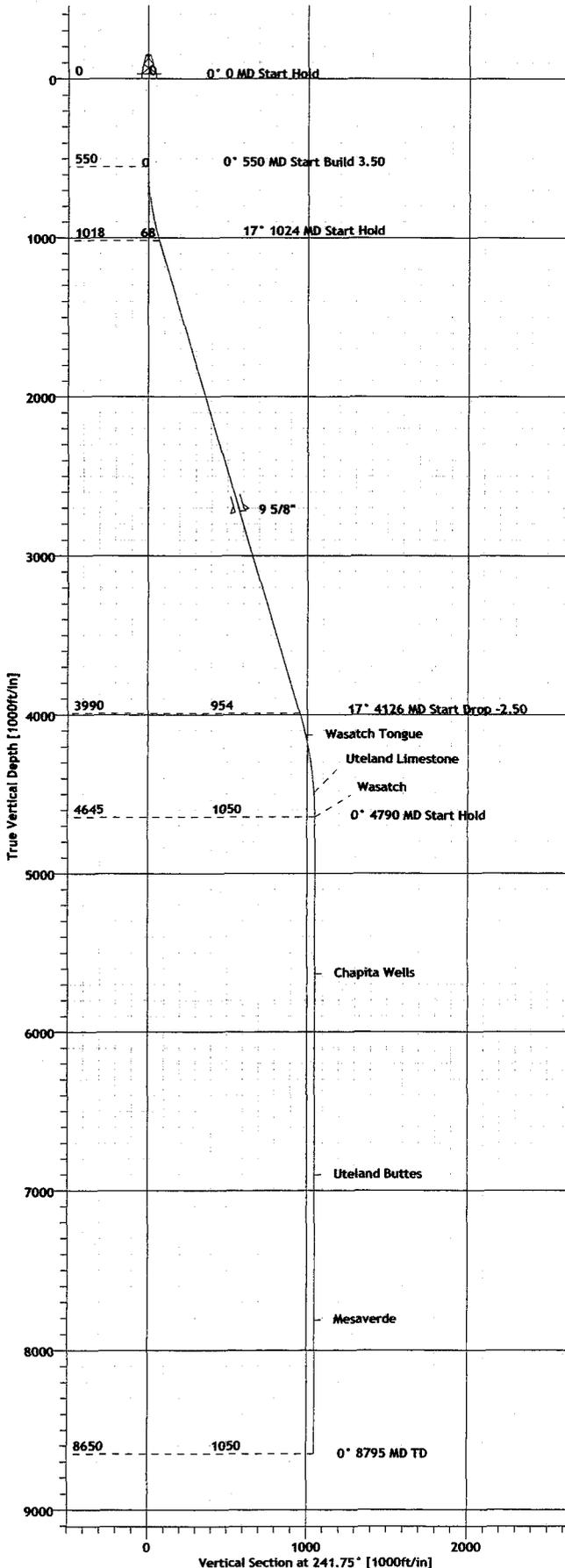
**Lead Mix:** Halliburton Prem Plus V blend. Blend includes Class "C" cement, gel, salt, gilsonite, EX-1 and HR-7.  
 Slurry yield: 3.12 cf/sack      Slurry weight: 11.60 #/gal.  
 Water requirement: 17.71 gal/sack  
 Compressives @ 130°F: 157 psi after 24 hours

**Tail Mix:** Halliburton HLC blend (Prem Plus V/JB flyash). Blend includes Class "G" cement, KCl, EX-1, Halad 322, & HR-5.  
 Slurry yield: 1.75 cf/sack      Slurry weight: 13.00 #/gal.  
 Water requirement: 9.09 gal/sack  
 Compressives @ 165°F: 905 psi after 24 hours

**13. ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS**

Starting Date: November 15, 2005  
 Duration: 14 Days

Well: RBU 11-17E  
 Field: River Bend Unit  
 Uintah Co. Utah  
 Sec. 17, T10S, R19E



SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.00	0.00	241.75	0.00	0.00	0.00	0.00	0.00	0.00	
2	550.00	0.00	241.75	550.00	0.00	0.00	0.00	0.00	241.75	0.00
3	1024.12	16.59	241.75	1017.52	-32.27	-60.06	3.50	241.75	68.18	
4	4126.27	16.59	241.75	3990.47	-451.59	-840.50	0.00	0.00	954.13	
5	4790.04	0.00	241.75	4645.00	-496.77	-924.58	2.50	180.00	1049.58	
6	8795.04	0.00	241.75	8650.00	-496.77	-924.58	0.00	241.75	1049.58	

WELL DETAILS

Name	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
RBU 11-17E	0.00	0.00	7153331.70	2115513.50	39°56'43.250N	109°48'19.110W	N/A

FORMATION TOP DETAILS

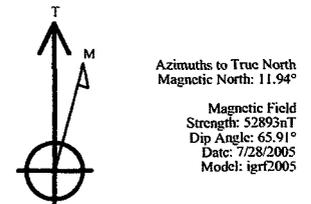
No.	TVDPPath	MDPath	Formation
1	4130.00	4270.61	Wasatch Tongue
2	4490.00	4634.92	Uteland Limestone
3	4645.00	4790.04	Wasatch
4	5635.00	5780.04	Chapita Wells
5	6905.00	7050.04	Uteland Buttes
6	7815.00	7960.04	Mesaverde

WELLPATH DETAILS

Rig:	Origin +N/-S	Origin +E/-W	Starting From TVD
est.KB @ 5065'	0.00	0.00	0.00

REFERENCE INFORMATION

Co-ordinate (N/E) Reference: Site Centre RBU 11-17E, True North  
 Vertical (TVD) Reference: est.KB @ 5065' 0.00  
 Section (VS) Reference: Site Centre (0.00N,0.00E)  
 Measured Depth Reference: est.KB @ 5065' 0.00  
 Calculation Method: Minimum Curvature



FIELD DETAILS

Natural Buttes Field  
 Uintah County, Utah  
 USA

Geodetic System: US State Plane Coordinate System 1983  
 Ellipsoid: GRS 1980  
 Zone: Utah, Central Zone  
 Magnetic Model: igr2005

System Datum: Mean Sea Level  
 Local North: True North

SITE DETAILS

RBU 11-17E  
 Sec. 17, T10S, R19E  
 River Bend Unit

Site Centre Latitude: 39°56'43.250N  
 Longitude: 109°48'19.110W

Ground Level: 5048.00  
 Positional Uncertainty: 0.00  
 Convergence: 1.09





**Company:** Dominion E & P  
**Field:** Natural Buttes Field  
**Site:** RBU 11-17E  
**Well:** RBU 11-17E  
**Wellpath:** 1

**Date:** 7/28/2005      **Time:** 16:14:16  
**Co-ordinate(NE) Reference:** RBU 11-17E, True North  
**Vertical (TVD) Reference:** KB @ 5065' 0.0  
**Section (VS) Reference:** Site (0.00N,0.00E,241.75Azi)  
**Plan:**                                      **Plan #1**

**Section 2 : Start Build 3.50**

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg
800.00	8.75	241.75	799.03	-9.02	-16.78	19.05	3.50	3.50	0.00	0.00
900.00	12.25	241.75	897.34	-17.64	-32.83	37.27	3.50	3.50	0.00	0.00
1000.00	15.75	241.75	994.35	-29.09	-54.14	61.46	3.50	3.50	0.00	0.00
1024.12	16.59	241.75	1017.52	-32.27	-60.06	68.18	3.50	3.50	0.00	0.00

**Section 3 : Start Hold**

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg
1100.00	16.59	241.75	1090.24	-42.53	-79.15	89.85	0.00	0.00	0.00	0.00
1200.00	16.59	241.75	1186.07	-56.04	-104.31	118.41	0.00	0.00	0.00	0.00
1300.00	16.59	241.75	1281.91	-69.56	-129.47	146.97	0.00	0.00	0.00	0.00
1400.00	16.59	241.75	1377.74	-83.08	-154.62	175.53	0.00	0.00	0.00	0.00
1500.00	16.59	241.75	1473.58	-96.59	-179.78	204.09	0.00	0.00	0.00	0.00
1600.00	16.59	241.75	1569.41	-110.11	-204.94	232.65	0.00	0.00	0.00	0.00
1700.00	16.59	241.75	1665.25	-123.63	-230.10	261.21	0.00	0.00	0.00	0.00
1800.00	16.59	241.75	1761.08	-137.15	-255.25	289.77	0.00	0.00	0.00	0.00
1900.00	16.59	241.75	1856.92	-150.66	-280.41	318.32	0.00	0.00	0.00	0.00
2000.00	16.59	241.75	1952.75	-164.18	-305.57	346.88	0.00	0.00	0.00	0.00
2100.00	16.59	241.75	2048.59	-177.70	-330.73	375.44	0.00	0.00	0.00	0.00
2200.00	16.59	241.75	2144.43	-191.22	-355.89	404.00	0.00	0.00	0.00	0.00
2300.00	16.59	241.75	2240.26	-204.73	-381.04	432.56	0.00	0.00	0.00	0.00
2400.00	16.59	241.75	2336.10	-218.25	-406.20	461.12	0.00	0.00	0.00	0.00
2500.00	16.59	241.75	2431.93	-231.77	-431.36	489.68	0.00	0.00	0.00	0.00
2600.00	16.59	241.75	2527.77	-245.28	-456.52	518.24	0.00	0.00	0.00	0.00
2700.00	16.59	241.75	2623.60	-258.80	-481.68	546.80	0.00	0.00	0.00	0.00
2800.00	16.59	241.75	2719.44	-272.32	-506.83	575.36	0.00	0.00	0.00	0.00
2900.00	16.59	241.75	2815.27	-285.84	-531.99	603.92	0.00	0.00	0.00	0.00
3000.00	16.59	241.75	2911.11	-299.35	-557.15	632.48	0.00	0.00	0.00	0.00
3100.00	16.59	241.75	3006.94	-312.87	-582.31	661.04	0.00	0.00	0.00	0.00
3200.00	16.59	241.75	3102.78	-326.39	-607.47	689.60	0.00	0.00	0.00	0.00
3300.00	16.59	241.75	3198.61	-339.90	-632.62	718.16	0.00	0.00	0.00	0.00
3400.00	16.59	241.75	3294.45	-353.42	-657.78	746.71	0.00	0.00	0.00	0.00
3500.00	16.59	241.75	3390.28	-366.94	-682.94	775.27	0.00	0.00	0.00	0.00
3600.00	16.59	241.75	3486.12	-380.46	-708.10	803.83	0.00	0.00	0.00	0.00
3700.00	16.59	241.75	3581.95	-393.97	-733.25	832.39	0.00	0.00	0.00	0.00
3800.00	16.59	241.75	3677.79	-407.49	-758.41	860.95	0.00	0.00	0.00	0.00
3900.00	16.59	241.75	3773.62	-421.01	-783.57	889.51	0.00	0.00	0.00	0.00
4000.00	16.59	241.75	3869.46	-434.52	-808.73	918.07	0.00	0.00	0.00	0.00
4100.00	16.59	241.75	3965.29	-448.04	-833.89	946.63	0.00	0.00	0.00	0.00
4126.27	16.59	241.75	3990.47	-451.59	-840.50	954.13	0.00	0.00	0.00	0.00

**Section 4 : Start Drop -2.50**

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg
4200.00	14.75	241.75	4061.45	-461.02	-858.04	974.05	2.50	-2.50	0.00	180.00
4270.61	12.99	241.75	4130.00	-469.03	-872.95	990.97	2.50	-2.50	0.00	-180.00
4300.00	12.25	241.75	4158.68	-472.07	-878.60	997.39	2.50	-2.50	0.00	180.00
4400.00	9.75	241.75	4256.84	-481.10	-895.41	1016.47	2.50	-2.50	0.00	180.00
4500.00	7.25	241.75	4355.73	-488.09	-908.43	1031.26	2.50	-2.50	0.00	180.00
4600.00	4.75	241.75	4455.17	-493.04	-917.64	1041.71	2.50	-2.50	0.00	180.00
4634.92	3.88	241.75	4490.00	-494.29	-919.96	1044.34	2.50	-2.50	0.00	180.00
4700.00	2.25	241.75	4554.98	-495.93	-923.02	1047.82	2.50	-2.50	0.00	-180.00
4790.04	0.00	241.75	4645.00	-496.77	-924.58	1049.58	2.50	-2.50	0.00	180.00

**Section 5 : Start Hold**

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg
4800.00	0.00	241.75	4654.96	-496.77	-924.58	1049.58	0.00	0.00	0.00	241.75
4900.00	0.00	241.75	4754.96	-496.77	-924.58	1049.58	0.00	0.00	0.00	241.75
5000.00	0.00	241.75	4854.96	-496.77	-924.58	1049.58	0.00	0.00	0.00	241.75
5100.00	0.00	241.75	4954.96	-496.77	-924.58	1049.58	0.00	0.00	0.00	241.75



**Company:** Dominion E & P  
**Field:** Natural Buttes Field  
**Site:** RBU 11-17E  
**Well:** RBU 11-17E  
**Wellpath:** 1

**Date:** 7/28/2005 **Time:** 16:14:16 **Page:** 3  
**Co-ordinate(NE) Reference:** Site: RBU 11-17E, True North  
**Vertical (TVD) Reference:** est.KB @ 5065' 0.0  
**Section (VS) Reference:** Site (0.00N,0.00E,241.75Azi)  
**Plan:** Plan #1

**Section 5 : Start Hold**

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg
5200.00	0.00	241.75	5054.96	-496.77	-924.58	1049.58	0.00	0.00	0.00	241.75
5300.00	0.00	241.75	5154.96	-496.77	-924.58	1049.58	0.00	0.00	0.00	241.75
5400.00	0.00	241.75	5254.96	-496.77	-924.58	1049.58	0.00	0.00	0.00	241.75
5500.00	0.00	241.75	5354.96	-496.77	-924.58	1049.58	0.00	0.00	0.00	241.75
5600.00	0.00	241.75	5454.96	-496.77	-924.58	1049.58	0.00	0.00	0.00	241.75
5700.00	0.00	241.75	5554.96	-496.77	-924.58	1049.58	0.00	0.00	0.00	241.75
5780.04	0.00	241.75	5635.00	-496.77	-924.58	1049.58	0.00	0.00	0.00	241.75
5800.00	0.00	241.75	5654.96	-496.77	-924.58	1049.58	0.00	0.00	0.00	241.75
5900.00	0.00	241.75	5754.96	-496.77	-924.58	1049.58	0.00	0.00	0.00	241.75
6000.00	0.00	241.75	5854.96	-496.77	-924.58	1049.58	0.00	0.00	0.00	241.75
6100.00	0.00	241.75	5954.96	-496.77	-924.58	1049.58	0.00	0.00	0.00	241.75
6200.00	0.00	241.75	6054.96	-496.77	-924.58	1049.58	0.00	0.00	0.00	241.75
6300.00	0.00	241.75	6154.96	-496.77	-924.58	1049.58	0.00	0.00	0.00	241.75
6400.00	0.00	241.75	6254.96	-496.77	-924.58	1049.58	0.00	0.00	0.00	241.75
6500.00	0.00	241.75	6354.96	-496.77	-924.58	1049.58	0.00	0.00	0.00	241.75
6600.00	0.00	241.75	6454.96	-496.77	-924.58	1049.58	0.00	0.00	0.00	241.75
6700.00	0.00	241.75	6554.96	-496.77	-924.58	1049.58	0.00	0.00	0.00	241.75
6800.00	0.00	241.75	6654.96	-496.77	-924.58	1049.58	0.00	0.00	0.00	241.75
6900.00	0.00	241.75	6754.96	-496.77	-924.58	1049.58	0.00	0.00	0.00	241.75
7000.00	0.00	241.75	6854.96	-496.77	-924.58	1049.58	0.00	0.00	0.00	241.75
7050.04	0.00	241.75	6905.00	-496.77	-924.58	1049.58	0.00	0.00	0.00	241.75
7100.00	0.00	241.75	6954.96	-496.77	-924.58	1049.58	0.00	0.00	0.00	241.75
7200.00	0.00	241.75	7054.96	-496.77	-924.58	1049.58	0.00	0.00	0.00	241.75
7300.00	0.00	241.75	7154.96	-496.77	-924.58	1049.58	0.00	0.00	0.00	241.75
7400.00	0.00	241.75	7254.96	-496.77	-924.58	1049.58	0.00	0.00	0.00	241.75
7500.00	0.00	241.75	7354.96	-496.77	-924.58	1049.58	0.00	0.00	0.00	241.75
7600.00	0.00	241.75	7454.96	-496.77	-924.58	1049.58	0.00	0.00	0.00	241.75
7700.00	0.00	241.75	7554.96	-496.77	-924.58	1049.58	0.00	0.00	0.00	241.75
7800.00	0.00	241.75	7654.96	-496.77	-924.58	1049.58	0.00	0.00	0.00	241.75
7900.00	0.00	241.75	7754.96	-496.77	-924.58	1049.58	0.00	0.00	0.00	241.75
7960.04	0.00	241.75	7815.00	-496.77	-924.58	1049.58	0.00	0.00	0.00	241.75
8000.00	0.00	241.75	7854.96	-496.77	-924.58	1049.58	0.00	0.00	0.00	241.75
8100.00	0.00	241.75	7954.96	-496.77	-924.58	1049.58	0.00	0.00	0.00	241.75
8200.00	0.00	241.75	8054.96	-496.77	-924.58	1049.58	0.00	0.00	0.00	241.75
8300.00	0.00	241.75	8154.96	-496.77	-924.58	1049.58	0.00	0.00	0.00	241.75
8400.00	0.00	241.75	8254.96	-496.77	-924.58	1049.58	0.00	0.00	0.00	241.75
8500.00	0.00	241.75	8354.96	-496.77	-924.58	1049.58	0.00	0.00	0.00	241.75
8600.00	0.00	241.75	8454.96	-496.77	-924.58	1049.58	0.00	0.00	0.00	241.75
8700.00	0.00	241.75	8554.96	-496.77	-924.58	1049.58	0.00	0.00	0.00	241.75
8795.04	0.00	241.75	8650.00	-496.77	-924.58	1049.58	0.00	0.00	0.00	241.75

**Survey**

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	Tool/Comment
0.00	0.00	241.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
100.00	0.00	241.75	100.00	0.00	0.00	0.00	0.00	0.00	0.00	
200.00	0.00	241.75	200.00	0.00	0.00	0.00	0.00	0.00	0.00	
300.00	0.00	241.75	300.00	0.00	0.00	0.00	0.00	0.00	0.00	
400.00	0.00	241.75	400.00	0.00	0.00	0.00	0.00	0.00	0.00	
500.00	0.00	241.75	500.00	0.00	0.00	0.00	0.00	0.00	0.00	
550.00	0.00	241.75	550.00	0.00	0.00	0.00	0.00	0.00	0.00	KOP
600.00	1.75	241.75	599.99	-0.36	-0.67	0.76	3.50	3.50	0.00	
700.00	5.25	241.75	699.79	-3.25	-6.05	6.87	3.50	3.50	0.00	
800.00	8.75	241.75	799.03	-9.02	-16.78	19.05	3.50	3.50	0.00	
900.00	12.25	241.75	897.34	-17.64	-32.83	37.27	3.50	3.50	0.00	
1000.00	15.75	241.75	994.35	-29.09	-54.14	61.46	3.50	3.50	0.00	
1024.12	16.59	241.75	1017.52	-32.27	-60.06	68.18	3.50	3.50	0.00	
1100.00	16.59	241.75	1090.24	-42.53	-79.15	89.85	0.00	0.00	0.00	
1200.00	16.59	241.75	1186.07	-56.04	-104.31	118.41	0.00	0.00	0.00	
1300.00	16.59	241.75	1281.91	-69.56	-129.47	146.97	0.00	0.00	0.00	



# Ryan Energy Technologies

## Planning Report



**Company:** Dominion E & P  
**Field:** Natural Buttes Field  
**Site:** RBU 11-17E  
**Well:** RBU 11-17E  
**Wellpath:** 1

**Date:** 7/28/2005      **Time:** 16:14:16      **Page:** 4  
**Co-ordinate(NE) Reference:** RBU 11-17E, True North  
**Vertical (TVD) Reference:** est.KB @ 5065' 0.0  
**Section (VS) Reference:** Site (0.00N,0.00E,241.75Azi)  
**Plan:** Plan #1

**Survey**

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	Tool/Comment
1400.00	16.59	241.75	1377.74	-83.08	-154.62	175.53	0.00	0.00	0.00	
1500.00	16.59	241.75	1473.58	-96.59	-179.78	204.09	0.00	0.00	0.00	
1600.00	16.59	241.75	1569.41	-110.11	-204.94	232.65	0.00	0.00	0.00	
1700.00	16.59	241.75	1665.25	-123.63	-230.10	261.21	0.00	0.00	0.00	
1800.00	16.59	241.75	1761.08	-137.15	-255.25	289.77	0.00	0.00	0.00	
1900.00	16.59	241.75	1856.92	-150.66	-280.41	318.32	0.00	0.00	0.00	
2000.00	16.59	241.75	1952.75	-164.18	-305.57	346.88	0.00	0.00	0.00	
2100.00	16.59	241.75	2048.59	-177.70	-330.73	375.44	0.00	0.00	0.00	
2200.00	16.59	241.75	2144.43	-191.22	-355.89	404.00	0.00	0.00	0.00	
2300.00	16.59	241.75	2240.26	-204.73	-381.04	432.56	0.00	0.00	0.00	
2400.00	16.59	241.75	2336.10	-218.25	-406.20	461.12	0.00	0.00	0.00	
2500.00	16.59	241.75	2431.93	-231.77	-431.36	489.68	0.00	0.00	0.00	
2600.00	16.59	241.75	2527.77	-245.28	-456.52	518.24	0.00	0.00	0.00	
2700.00	16.59	241.75	2623.60	-258.80	-481.68	546.80	0.00	0.00	0.00	
2800.00	16.59	241.75	2719.44	-272.32	-506.83	575.36	0.00	0.00	0.00	
2900.00	16.59	241.75	2815.27	-285.84	-531.99	603.92	0.00	0.00	0.00	
3000.00	16.59	241.75	2911.11	-299.35	-557.15	632.48	0.00	0.00	0.00	
3100.00	16.59	241.75	3006.94	-312.87	-582.31	661.04	0.00	0.00	0.00	
3200.00	16.59	241.75	3102.78	-326.39	-607.47	689.60	0.00	0.00	0.00	
3300.00	16.59	241.75	3198.61	-339.90	-632.62	718.16	0.00	0.00	0.00	
3400.00	16.59	241.75	3294.45	-353.42	-657.78	746.71	0.00	0.00	0.00	
3500.00	16.59	241.75	3390.28	-366.94	-682.94	775.27	0.00	0.00	0.00	
3600.00	16.59	241.75	3486.12	-380.46	-708.10	803.83	0.00	0.00	0.00	
3700.00	16.59	241.75	3581.95	-393.97	-733.25	832.39	0.00	0.00	0.00	
3800.00	16.59	241.75	3677.79	-407.49	-758.41	860.95	0.00	0.00	0.00	
3900.00	16.59	241.75	3773.62	-421.01	-783.57	889.51	0.00	0.00	0.00	
4000.00	16.59	241.75	3869.46	-434.52	-808.73	918.07	0.00	0.00	0.00	
4100.00	16.59	241.75	3965.29	-448.04	-833.89	946.63	0.00	0.00	0.00	
4126.27	16.59	241.75	3990.47	-451.59	-840.50	954.13	0.00	0.00	0.00	
4200.00	14.75	241.75	4061.45	-461.02	-858.04	974.05	2.50	-2.50	0.00	
4270.61	12.99	241.75	4130.00	-469.03	-872.95	990.97	2.50	-2.50	0.00	Wasatch Tongue
4300.00	12.25	241.75	4158.68	-472.07	-878.60	997.39	2.50	-2.50	0.00	
4400.00	9.75	241.75	4256.84	-481.10	-895.41	1016.47	2.50	-2.50	0.00	
4500.00	7.25	241.75	4355.73	-488.09	-908.43	1031.26	2.50	-2.50	0.00	
4600.00	4.75	241.75	4455.17	-493.04	-917.64	1041.71	2.50	-2.50	0.00	
4634.92	3.88	241.75	4490.00	-494.29	-919.96	1044.34	2.50	-2.50	0.00	Uteland Limestone
4700.00	2.25	241.75	4554.98	-495.93	-923.02	1047.82	2.50	-2.50	0.00	
4790.04	0.00	241.75	4645.00	-496.77	-924.58	1049.58	2.50	-2.50	0.00	Wasatch
4800.00	0.00	241.75	4654.96	-496.77	-924.58	1049.58	0.00	0.00	0.00	
4900.00	0.00	241.75	4754.96	-496.77	-924.58	1049.58	0.00	0.00	0.00	
5000.00	0.00	241.75	4854.96	-496.77	-924.58	1049.58	0.00	0.00	0.00	
5100.00	0.00	241.75	4954.96	-496.77	-924.58	1049.58	0.00	0.00	0.00	
5200.00	0.00	241.75	5054.96	-496.77	-924.58	1049.58	0.00	0.00	0.00	
5300.00	0.00	241.75	5154.96	-496.77	-924.58	1049.58	0.00	0.00	0.00	
5400.00	0.00	241.75	5254.96	-496.77	-924.58	1049.58	0.00	0.00	0.00	
5500.00	0.00	241.75	5354.96	-496.77	-924.58	1049.58	0.00	0.00	0.00	
5600.00	0.00	241.75	5454.96	-496.77	-924.58	1049.58	0.00	0.00	0.00	
5700.00	0.00	241.75	5554.96	-496.77	-924.58	1049.58	0.00	0.00	0.00	
5780.04	0.00	241.75	5635.00	-496.77	-924.58	1049.58	0.00	0.00	0.00	Chapita Wells
5800.00	0.00	241.75	5654.96	-496.77	-924.58	1049.58	0.00	0.00	0.00	
5900.00	0.00	241.75	5754.96	-496.77	-924.58	1049.58	0.00	0.00	0.00	
6000.00	0.00	241.75	5854.96	-496.77	-924.58	1049.58	0.00	0.00	0.00	
6100.00	0.00	241.75	5954.96	-496.77	-924.58	1049.58	0.00	0.00	0.00	
6200.00	0.00	241.75	6054.96	-496.77	-924.58	1049.58	0.00	0.00	0.00	



# Ryan Energy Technologies

## Planning Report



<b>Company:</b> Dominion E & P <b>Field:</b> Natural Buttes Field <b>Site:</b> RBU 11-17E <b>Well:</b> RBU 11-17E <b>Wellpath:</b> 1	<b>Date:</b> 7/28/2005 <b>Time:</b> 16:14:16 <b>Page:</b> 5 <b>Co-ordinate(NE) Reference:</b> Site: RBU 11-17E, True North <b>Vertical (TVD) Reference:</b> est.KB @ 5065' 0.0 <b>Section (VS) Reference:</b> Site (0.00N,0.00E,241.75Azi) <b>Plan:</b> Plan #1
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### Survey

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	Tool/Comment
6300.00	0.00	241.75	6154.96	-496.77	-924.58	1049.58	0.00	0.00	0.00	
6400.00	0.00	241.75	6254.96	-496.77	-924.58	1049.58	0.00	0.00	0.00	
6500.00	0.00	241.75	6354.96	-496.77	-924.58	1049.58	0.00	0.00	0.00	
6600.00	0.00	241.75	6454.96	-496.77	-924.58	1049.58	0.00	0.00	0.00	
6700.00	0.00	241.75	6554.96	-496.77	-924.58	1049.58	0.00	0.00	0.00	
6800.00	0.00	241.75	6654.96	-496.77	-924.58	1049.58	0.00	0.00	0.00	
6900.00	0.00	241.75	6754.96	-496.77	-924.58	1049.58	0.00	0.00	0.00	
7000.00	0.00	241.75	6854.96	-496.77	-924.58	1049.58	0.00	0.00	0.00	
7050.04	0.00	241.75	6905.00	-496.77	-924.58	1049.58	0.00	0.00	0.00	Uteland Buttes
7100.00	0.00	241.75	6954.96	-496.77	-924.58	1049.58	0.00	0.00	0.00	
7200.00	0.00	241.75	7054.96	-496.77	-924.58	1049.58	0.00	0.00	0.00	
7300.00	0.00	241.75	7154.96	-496.77	-924.58	1049.58	0.00	0.00	0.00	
7400.00	0.00	241.75	7254.96	-496.77	-924.58	1049.58	0.00	0.00	0.00	
7500.00	0.00	241.75	7354.96	-496.77	-924.58	1049.58	0.00	0.00	0.00	
7600.00	0.00	241.75	7454.96	-496.77	-924.58	1049.58	0.00	0.00	0.00	
7700.00	0.00	241.75	7554.96	-496.77	-924.58	1049.58	0.00	0.00	0.00	
7800.00	0.00	241.75	7654.96	-496.77	-924.58	1049.58	0.00	0.00	0.00	
7900.00	0.00	241.75	7754.96	-496.77	-924.58	1049.58	0.00	0.00	0.00	
7960.04	0.00	241.75	7815.00	-496.77	-924.58	1049.58	0.00	0.00	0.00	Mesaverde
8000.00	0.00	241.75	7854.96	-496.77	-924.58	1049.58	0.00	0.00	0.00	
8100.00	0.00	241.75	7954.96	-496.77	-924.58	1049.58	0.00	0.00	0.00	
8200.00	0.00	241.75	8054.96	-496.77	-924.58	1049.58	0.00	0.00	0.00	
8300.00	0.00	241.75	8154.96	-496.77	-924.58	1049.58	0.00	0.00	0.00	
8400.00	0.00	241.75	8254.96	-496.77	-924.58	1049.58	0.00	0.00	0.00	
8500.00	0.00	241.75	8354.96	-496.77	-924.58	1049.58	0.00	0.00	0.00	
8600.00	0.00	241.75	8454.96	-496.77	-924.58	1049.58	0.00	0.00	0.00	
8700.00	0.00	241.75	8554.96	-496.77	-924.58	1049.58	0.00	0.00	0.00	
8795.04	0.00	241.75	8650.00	-496.77	-924.58	1049.58	0.00	0.00	0.00	TD

### Targets

Name	Description Dip. Dir.	TVD ft	+N/-S ft	+E/-W ft	Map	Map	<--- Latitude --->		<--- Longitude --->					
					Northing ft	Easting ft	Deg	Min	Sec	Deg	Min	Sec		
TD		8650.00	-496.77	-924.58	7152817.502	114598.50	39	56	38.340	N	109	48	30.982	W
-Plan hit target														

### Formations

MD ft	TVD ft	Formations	Lithology	Dip Angle deg	Dip Direction deg
4270.61	4130.00	Wasatch Tongue		0.00	0.00
4634.92	4490.00	Uteland Limestone		0.00	0.00
4790.04	4645.00	Wasatch		0.00	0.00
5780.04	5635.00	Chapita Wells		0.00	0.00
7050.04	6905.00	Uteland Buttes		0.00	0.00
7960.04	7815.00	Mesaverde		0.00	0.00

### Annotation

MD ft	TVD ft	
550.00	550.00	KOP

**SURFACE USE PLAN**

**CONDITIONS OF APPROVAL**

*Attachment for Permit to Drill*

**Name of Operator:** Dominion Exploration & Production  
**Address:** 14000 Quail Springs Parkway, Suite 600  
Oklahoma City, OK 73134  
**Well Location:** RBU 11-17E  
SHL: 1991' FSL & 2275' FEL, Section 17-10S-19E  
BHL: 1500' FSL & 2100' FWL, Section 17-10S-19E  
Uintah County, UT

The dirt contractor will be provided with an approved copy of the surface use plan of operations before initiating construction.

The federal onsite inspection for the referenced well was conducted on Tuesday, June 28, 2005 at approximately 12:15 pm. In attendance at the onsite inspection were the following individuals:

Ken Secrest	Foreman	Dominion E & P, Inc.
Brandon Bowthorpe	Surveyor	Uintah Engineering and Land Surveying
Jesse Merkley	Surveyors Helper	Uintah Engineering and Land Surveying
Karl Wright	Nat. Res. Prot. Spec.	Bureau of Land Management – Vernal
Amy Torres	Biologist	Bureau of Land Management – Vernal

1. Existing Roads:

- a. The proposed well site is located approximately 11.97 miles southwest of Ouray, UT.
- b. Directions to the proposed well site have been attached at the end of Exhibit B.
- c. The use of roads under State and County Road Department maintenance are necessary to access the River Bend Unit. However, an encroachment permit is not anticipated since no upgrades to the State or County Road system are proposed at this time.
- d. All existing roads will be maintained and kept in good repair during all phases of operation.
- e. Vehicle operators will obey posted speed restrictions and observe safe speeds commensurate with road and weather conditions.
- f. Since no improvements are anticipated to the State, County, Tribal or BLM access roads no topsoil striping will occur.
- g. An off-lease federal Right-of-Way is not anticipated for the access road or utility corridor since both are located within the existing River Bend Unit boundary.

2. Planned Access Roads:

- a. From the existing gravel surfaced road that accesses the RBU 6-17E an access is proposed trending east approximately 0.2 miles to the proposed well site. The access consists of new disturbance and crosses no significant drainages. A road design plan is not anticipated at this time.
- b. The proposed access road will consist of a 24' travel surface within a 30' disturbed area.
- c. BLM approval to construct and utilize the proposed access road is requested with this application.
- d. A maximum grade of 10% will be maintained throughout the project with no cuts and fills required to access the well.
- e. No turnouts are proposed since the access road is only 0.2 miles long and adequate site distance exists in all directions.
- f. No culverts are anticipated. Adequate drainage structures will be incorporated into the road.
- g. No surfacing material will come from federal or Indian lands.
- h. No gates or cattle guards are anticipated at this time
- i. Surface disturbance and vehicular travel will be limited to the approved location access road.
- j. All access roads and surface disturbing activities will conform to the standards outlined in the Bureau of Land Management and Forest Service publication: Surface Operating Standards for Oil and Gas Exploration and Development, (1989).
- k. The operator will be responsible for all maintenance of the access road including drainage structures.

3. Location of Existing Wells:

- a. Exhibit B has a map reflecting these wells within a one mile radius of the proposed well.

4. Location of Production Facilities:

- a. All permanent structures will be painted a flat, non-reflective Desert Brown to match the standard environmental colors. All facilities will be painted within six months of installation. Facilities required to comply with the Occupational Safety and Health Act (OSHA) may be excluded.
- b. Site security guidelines identified in 43 CFR 3163.7-5 and Onshore Oil and Gas Order No. 3 will be adhered to.
- c. A gas meter run will be constructed and located on lease within 500 feet of the wellhead. Meter runs will be housed and/or fenced. All gas production and measurement shall comply with the provisions of 43 CFR 3162.7-3, Onshore Oil and Gas Order No. 5, and American Gas Association (AGA) Report No. 3.
- d. A tank battery will be constructed on this lease, it will be surrounded by a dike of sufficient

capacity to contain the storage capacity of the largest tank. All loading lines and valves will be placed inside the berm surrounding the tank battery. All liquid hydrocarbons production and measurement shall conform to the provisions of 43 CFR 3162.7-3 and Onshore Oil and Gas Order No. 4 and Onshore Oil and Gas Order No. 5 for natural gas production and measurement.

- e. Any necessary pits will be properly fenced to prevent any wildlife and livestock entry.
- f. All access roads will be maintained as necessary to prevent erosion and accommodate year-round traffic. The road will be maintained in a safe useable condition.
- g. The site will require periodic maintenance to ensure that drainages are kept open and free of debris, ice, and snow, and that surfaces are properly treated to reduce erosion, fugitive dust, and impacts to adjacent areas.
- h. A gas pipeline is associated with this application and is being applied for at this time. The proposed gas pipeline corridor will leave the south side of the well site and traverse 80' southeast to the existing 3" corridor that will be upgraded to 6" to the existing RBU 9-17E.
- i. The new gas pipeline will be a 6" or less steel surface line within a 20' wide utility corridor. The use of the proposed well site and access roads will facilitate the staging of the pipeline construction. A new pipeline length of approximately 80 and an upgrade pipeline length of approximately 1,800' is associated with this well.
- j. Dominion intends on installing the pipeline on the surface by welding many joints into long lengths, dragging the long lengths into position and then completing a final welding pass to join the long lengths together. Dominion intends on connecting the pipeline together utilizing conventional welding technology.
- k. A determination of buried versus surface pipeline is presently pending between Dominion and the BLM. A future onsite with the BLM will further clarify if the pipeline will need to be buried.

5. Location and Type of Water Supply:

- a. The location and type of water supply has been addressed as number 11 within the previous drilling plan information.

6. Source of Construction Material:

- a. The use of materials will conform to 43 CFR 3610.2-3.
- b. No construction materials will be removed from BLM lands.
- c. If any gravel is used, it will be obtained from a state approved gravel pit.

7. Methods of Handling Waste Disposal:

- a. All wastes associated with this application will be contained and disposed of utilizing approved facilities.

- b. Drill cuttings will be contained and buried on site.
- c. The reserve pit will be located outboard of the location and along the west side of the pad.
- d. The reserve pit will be constructed so as not to leak, break, or allow any discharge.
- e. The reserve pit will be lined with 12 mil minimum thickness plastic nylon reinforced liner material. The liner will overlay a felt liner pad only if rock is encountered during excavation. The pit liner will overlap the pit walls and be covered with dirt and/or rocks to hold it in place. No trash, scrap pipe, etc., that could puncture the liner will be disposed of in the pit. Pit walls will be sloped no greater than 2:1. A minimum 2-foot freeboard will be maintained in the pit at all times during the drilling and completion operation.
- f. The reserve pit has been located in cut material. Three sides of the reserve pit will be fenced before drilling starts. The fourth side will be fenced as soon as drilling is completed, and shall remain until the pit is dry. After the reserve pit has dried, all areas not needed for production will be rehabilitated.
- g. No chemicals subject to reporting under SARA Title III (hazardous materials) in an amount greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling, testing, or completion of the well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling, testing, or completion of the well.
- h. Trash will be contained in a trash cage and hauled away to an approved disposal site as necessary but no later than at the completion of drilling operations. The contents of the trash container will be hauled off periodically to the approved Uintah County Landfill near Vernal, Utah.
- i. Produced fluids from the well other than water will be produced into a test tank until such time as construction of production facilities is completed. Any spills of oil, gas, salt water or other produced fluids will be cleaned up and removed.
- j. After initial clean-up, a 400 bbl tank will be installed to contain produced waste water. This water will be transported from the tank to an approved Dominion disposal well for disposal.
- k. **Produced water from the production well will be disposed of at the RBU 13-11F or RBU 16-19F disposal wells in accordance with Onshore Order #7.**
- l. Any salts and/or chemicals, which are an integral part of the drilling system, will be disposed of in the same manner as the drilling fluid.
- m. Sanitary facilities will be on site at all times during operations. Sewage will be placed in a portable chemical toilet and the toilet replaced periodically utilizing a licensed contractor to transport by truck the portable chemical toilet so that its contents can be delivered to the Vernal Wastewater Treatment Facility in accordance with state and county regulations.

8. Ancillary Facilities:

- a. Garbage Containers and Portable Toilets are the only ancillary facilities proposed in this application.

9. Well Site Layout: (See Exhibit B)

- a. The well will be properly identified in accordance with 43 CFR 3162.6.
- b. Access to the well pad will be from the southwest.
- c. The pad and road designs are consistent with BLM specification
- d. A pre-construction meeting with responsible company representative, contractors, and the BLM will be conducted at the project site prior to commencement of surface-disturbing activities. The pad and road will be construction-staked prior to this meeting.
- e. The pad has been staked at its maximum size of 355' X 200'; however it will be constructed smaller if possible, depending upon rig availability. Should the layout change, this application will be amended and approved utilizing a sundry notice.
- f. All surface disturbing activities, will be supervised by a qualified, responsible company representative who is aware of the terms and conditions of the APD and specifications in the approved plans.
- g. All cut and fill slopes will be such that stability can be maintained for the life of the activity.
- h. Diversion ditches will be constructed as shown around the well site to prevent surface waters from entering the well site area.
- i. The site surface will be graded to drain away from the pit to avoid pit spillage during large storm events.
- j. The stockpiled topsoil (first 6 inches or maximum available) will be stored in a windrow on the uphill side of the location to prevent any possible contamination. All topsoil will be stockpiled for reclamation in such a way as to prevent soil loss and contamination.
- k. Pits will remain fenced until site cleanup.
- l. The blooie line will be located at least 100 feet from the well head.
- m. Water injection may be implemented if necessary to minimize the amount of fugitive dust.

10. Plans for Restoration of the Surface:

- a. Site reclamation for a producing well will be accomplished for portions of the site not required for the continued operation of the well.
- b. The Operator will control noxious weeds along access road use authorizations, pipeline route authorizations, well sites, or other applicable facilities by spraying or mechanical removal. A list of noxious weeds may be obtained from the BLM or the appropriate County Extension Office. On and BLM administered land, it is required that a Pesticide Use Proposal be submitted and approved prior to the application of herbicides, pesticides or possibly hazardous chemicals.
- c. Upon well completion, any hydrocarbons in the pit shall be removed in accordance with 43 CFR 3162.7-1. Once the reserve pit is dry, the plastic nylon reinforced liner shall be torn and perforated before backfilling of the reserve pit. The reserve pit and that portion of the location not needed for production facilities/operations will be recontoured to the approximate natural contours.

- d. The cut and fill slopes and all other disturbed areas not needed for the production operation will be top soiled and re-vegetated. The stockpiled topsoil will be evenly distributed over the disturbed area.
- e. Prior to reseeding the site, all disturbed areas, including the access road, will be scarified and left with a rough surface. The site will then be seeded and/or planted as prescribed by the BLM. The BLM recommended seed mix will be detailed within their approval documents.

11. Surface and Mineral Ownership:

- a. Surface Ownership – Federal under the management of the Bureau of Land Management - Vernal Field Office, 170 South 500 East, Vernal, Utah 84078; 435-781-4400.
- b. Mineral Ownership – Federal under the management of the Bureau of Land Management - Vernal Field Office, 170 South 500 East, Vernal, Utah 84078; 435-781-4400.

12. Other Information:

- a. AIA Archaeological has conducted a Class III archeological survey. A copy of the report has been submitted under separate cover to the appropriate agencies by AIA Archaeological.
- b. Alden Hamblin has conducted a paleontological survey. A copy of the report has been submitted under separate cover to the appropriate agencies by Alden Hamblin.
- c. Our understanding of the results of the onsite inspection are:
  - a. No Threatened and Endangered flora and fauna species were found during the onsite inspection.
  - b. Stipulations to minimize erosion in the area will apply to this well including restrictions regarding work during muddy conditions.
  - c. An erosion catch dam may be required by the BLM in the drainage NE of the pad and will be stipulated, if required, within the approval documents.

13. Operator's Representative and Certification

<u>Title</u>	<u>Name</u>	<u>Office Phone</u>
Company Representative (Roosevelt)	Ken Secrest	1-435-722-4521
Company Representative (Oklahoma)	Carla Christian	1-405-749-5263
Agent for Dominion	Don Hamilton	1-435-637-4075

Certification:

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which currently exists; that the statements made in this APD package are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by Dominion Exploration & Production, Inc. and its contractors and subcontractors in conformity with this APD package and the terms and conditions under which it is approved. I also certify responsibility for the operations conducted on that portion of the leased lands associated with this application, with bond coverage being provided under Dominion's BLM bond. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

Signature: Don Hamilton Date: 8-26-05

DOMINION EXPLR. & PROD., INC.  
RBU #10-17E & RBU #11-17E  
SECTION 17, T10S, R19E, S.L.B.&M.

PROCEED IN A WESTERLY DIRECTION FROM VERNAL, UTAH ALONG U.S. HIGHWAY 40 APPROXIMATELY 14.0 MILES TO THE JUNCTION OF STATE HIGHWAY 88; EXIT LEFT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 17.0 MILES TO OURAY, UTAH; PROCEED IN A SOUTHERLY, THEN SOUTHEASTERLY DIRECTION APPROXIMATELY 9.1 MILES ON THE SEEP RIDGE ROAD TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTH; TURN RIGHT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 2.8 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 0.5 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTH; TURN RIGHT AND PROCEED IN A NORTHERLY, THEN SOUTHWESTERLY DIRECTION APPROXIMATELY 2.8 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTHWEST; TURN RIGHT AND PROCEED IN A NORTHWESTERLY DIRECTION APPROXIMATELY 2.1 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTH; TURN RIGHT AND PROCEED IN A NORTHERLY, THEN NORTHWESTERLY, THEN SOUTHWESTERLY DIRECTION APPROXIMATELY 3.3 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHEAST; TURN LEFT AND PROCEED IN A SOUTHEASTERLY, THEN SOUTHERLY DIRECTION APPROXIMATELY 1.4 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTHWEST; TURN RIGHT AND PROCEED IN A NORTHWESTERLY DIRECTION APPROXIMATELY 2.7 MILES TO THE BEGINNING OF THE PROPOSED ACCESS TO THE NORTHEAST; FOLLOW ROAD FLAGS IN A NORTHEASTERLY DIRECTION APPROXIMATELY 0.2 MILES TO THE PROPOSED LOCATION.

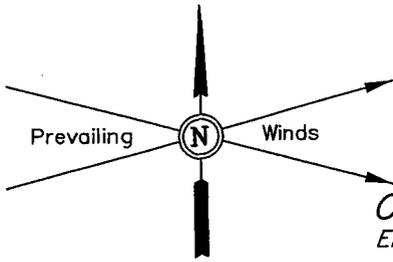
TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 55.95 MILES.

DOMINION EXPLR. & PROD., INC.

LOCATION LAYOUT FOR

RBU #10-17E & #11-17E  
SECTION 17, T10S, R19E, S.L.B.&M.

NW 1/4 SE 1/4

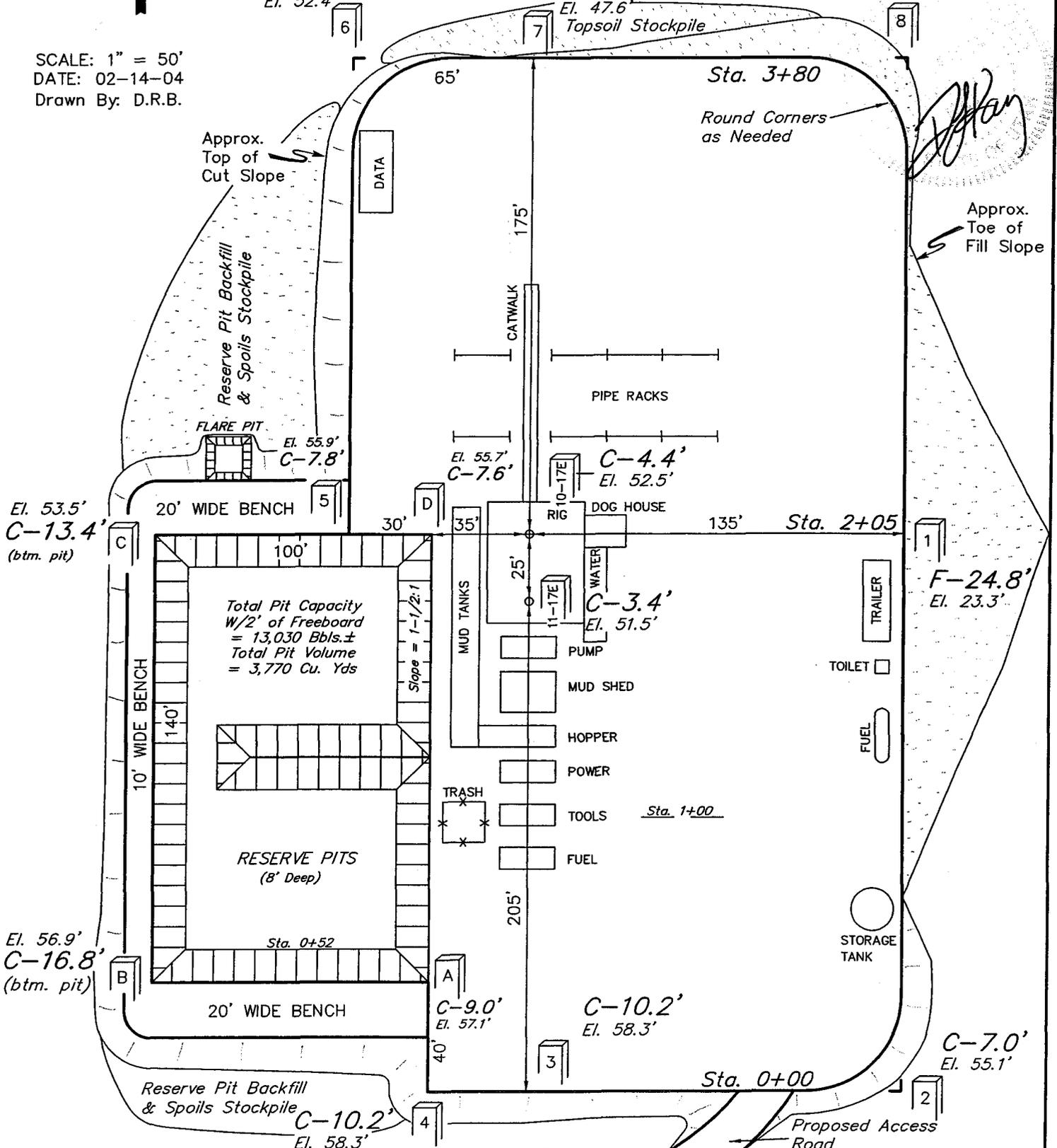


SCALE: 1" = 50'  
DATE: 02-14-04  
Drawn By: D.R.B.

C-4.3'  
El. 52.4'

F-0.5'  
El. 47.6'  
Topsoil Stockpile

F-8.5'  
El. 39.6'



Approx. Top of Cut Slope

Sta. 3+80

Round Corners as Needed

Approx. Toe of Fill Slope

FLARE PIT  
El. 55.9'  
C-7.8'

El. 55.7'  
C-7.6'

C-4.4'  
El. 52.5'

El. 53.5'  
C-13.4'  
(btm. pit)

20' WIDE BENCH

30'

35'

25'

11-17E

135'

Sta. 2+05

Total Pit Capacity  
W/2' of Freeboard  
= 13,030 Bbls.±  
Total Pit Volume  
= 3,770 Cu. Yds

Slope = 1-1/2:1

10' WIDE BENCH

140'

RESERVE PITS  
(8' Deep)

Sta. 0+52

205'

El. 56.9'  
C-16.8'  
(btm. pit)

20' WIDE BENCH

C-9.0'  
El. 57.1'

C-10.2'  
El. 58.3'

Reserve Pit Backfill  
& Spoils Stockpile

C-10.2'  
El. 58.3'

Sta. 0+00

C-7.0'  
El. 55.1'

Proposed Access Road

Elev. Ungraded Ground at #10-17E Location Stake = 5052.5'  
Elev. Graded Ground at #10-17E Location Stake = 5048.1'

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

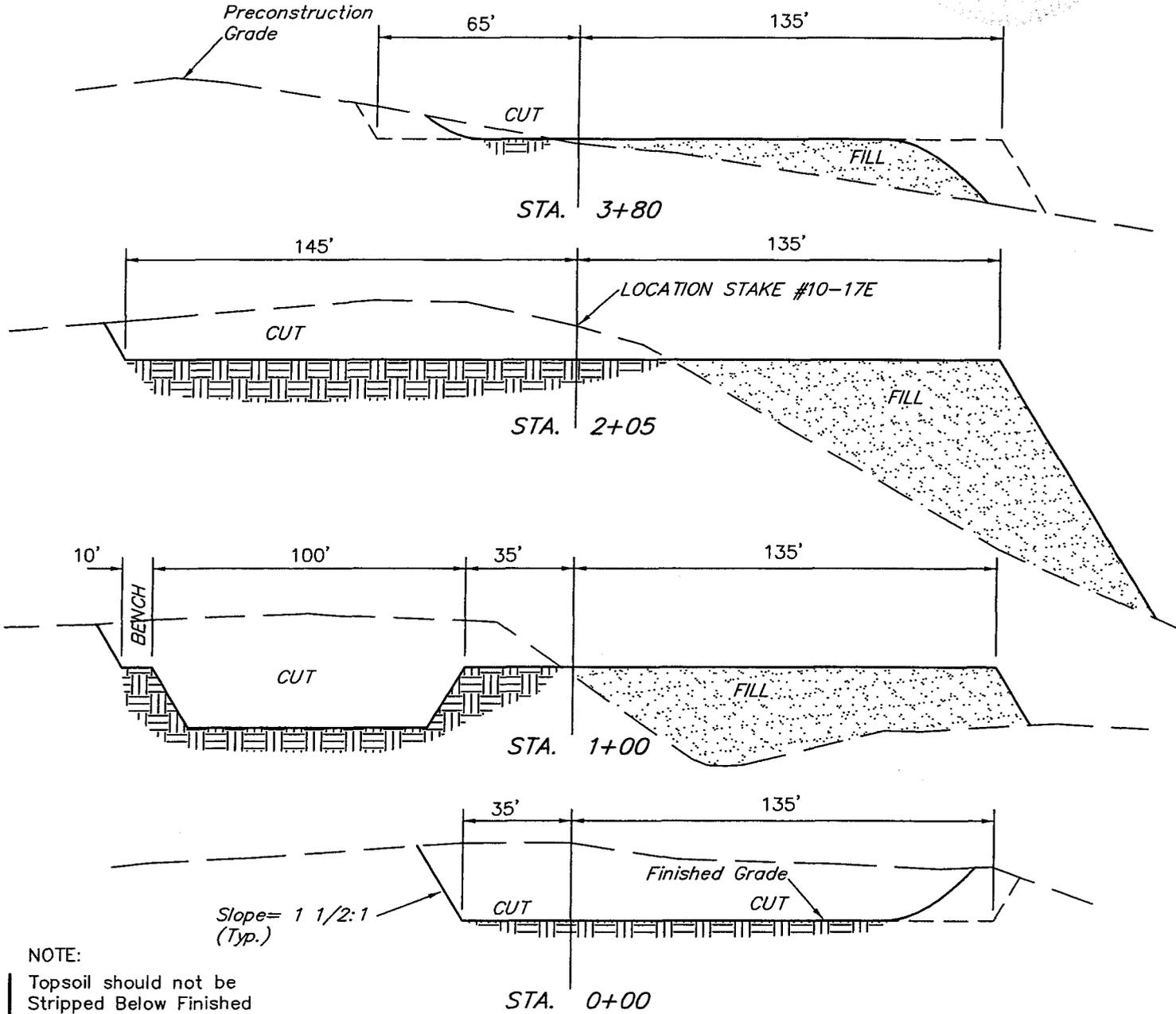
**DOMINION EXPLR. & PROD., INC.**

**TYPICAL CROSS SECTIONS FOR**

**RBU #10-17E & #11-17E  
SECTION 17, T10S, R19E, S.L.B.&M.  
NW 1/4 SE 1/4**

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

DATE: 02-14-04  
Drawn By: D.R.B.



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

**APPROXIMATE YARDAGES**

<b>CUT</b>	
(6") Topsoil Stripping	= 2,060 Cu. Yds.
Remaining Location	= 16,030 Cu. Yds.
<b>TOTAL CUT</b>	<b>= 18,090 CU.YDS.</b>
<b>FILL</b>	<b>= 14,140 CU.YDS.</b>

<b>EXCESS MATERIAL AFTER 5% COMPACTION</b>	<b>= 3,950 Cu. Yds.</b>
Topsoil & Pit Backfill (1/2 Pit Vol.)	= 3,950 Cu. Yds.
<b>EXCESS UNBALANCE (After Rehabilitation)</b>	<b>= 0 Cu. Yds.</b>

# DOMINION EXPLR. & PROD., INC.

## RBU #10-17E & RBU #11-17E

LOCATED IN UINTAH COUNTY, UTAH

SECTION 17, T10S, R19E, S.L.B.&M.

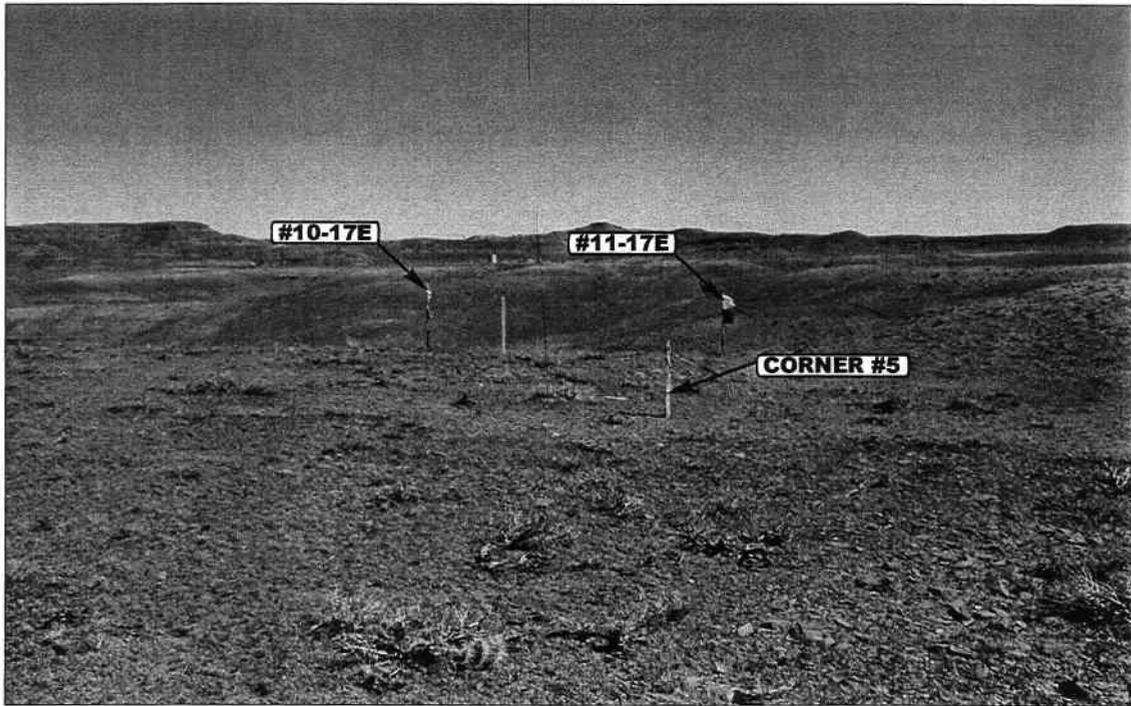


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: NORTHEASTERLY



PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: NORTHEASTERLY



- Since 1964 -

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

LOCATION PHOTOS

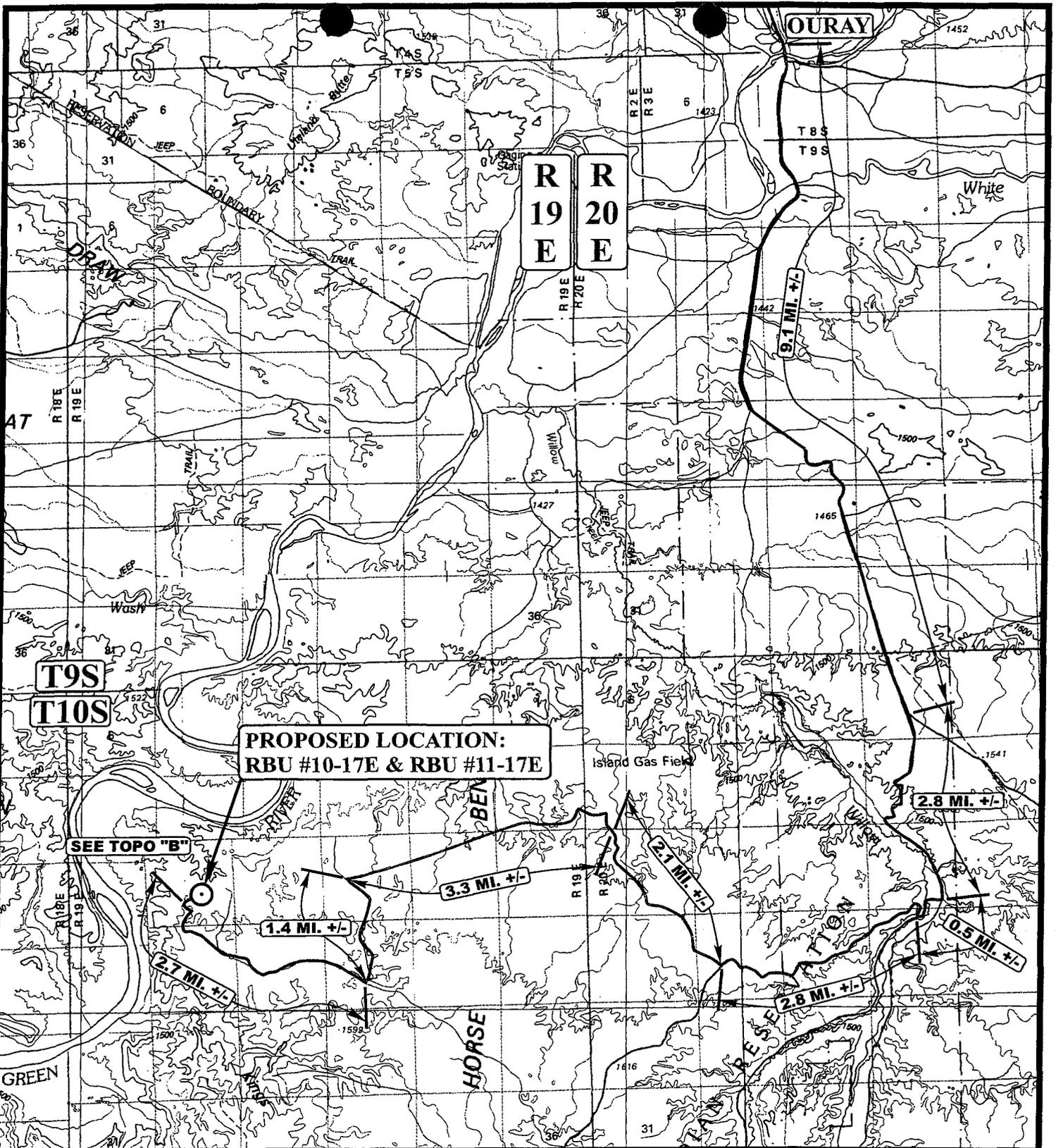
02 | 13 | 04  
MONTH | DAY | YEAR

PHOTO

TAKEN BY: B.B.

DRAWN BY: T.H.

REVISED: 04-08-05C.P.



**PROPOSED LOCATION:  
RBU #10-17E & RBU #11-17E**

SEE TOPO "B"

**LEGEND:**

○ PROPOSED LOCATION

**DOMINION EXPLR. & PROD., INC.**

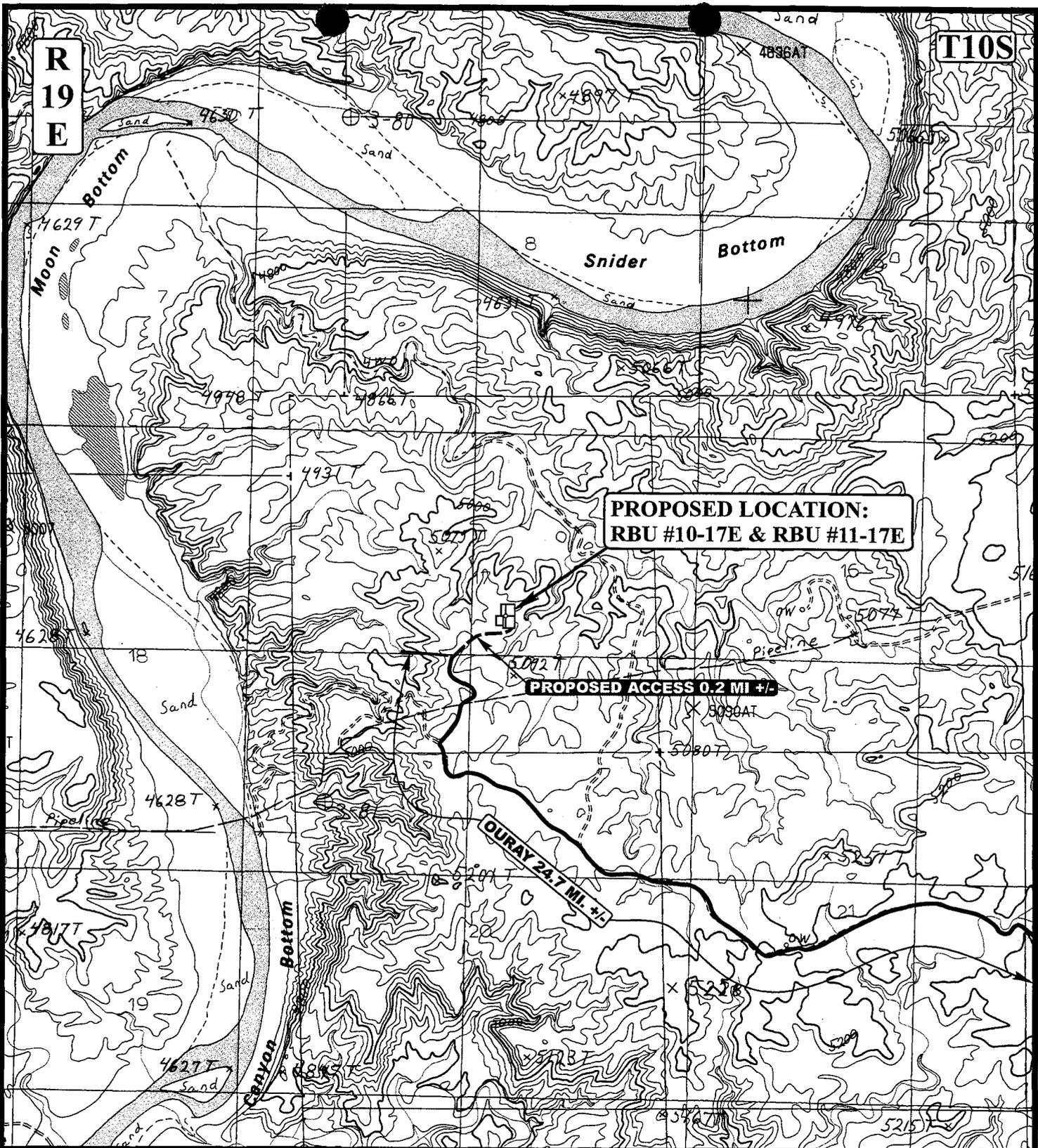
**RBUs #10-17E & RBU #11-17E  
SECTION 17, T10S, R19E, S.L.B.&M.  
NW 1/4 SE 1/4**

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



<b>TOPOGRAPHIC</b>	<b>02</b>	<b>13</b>	<b>04</b>
<b>MAP</b>	MONTH	DAY	YEAR
<b>SCALE: 1:100,000</b>	<b>DRAWN BY: T.H.</b>	<b>REVISED: 04-08-05C.P.</b>	





**R  
19  
E**

**T10S**

**PROPOSED LOCATION:  
RBU #10-17E & RBU #11-17E**

**PROPOSED ACCESS 0.2 MI +/-**

**DURAY 24.7 MI +/-**

**LEGEND:**

- EXISTING ROAD
- - - - - PROPOSED ACCESS ROAD



**DOMINION EXPLR. & PROD., INC.**

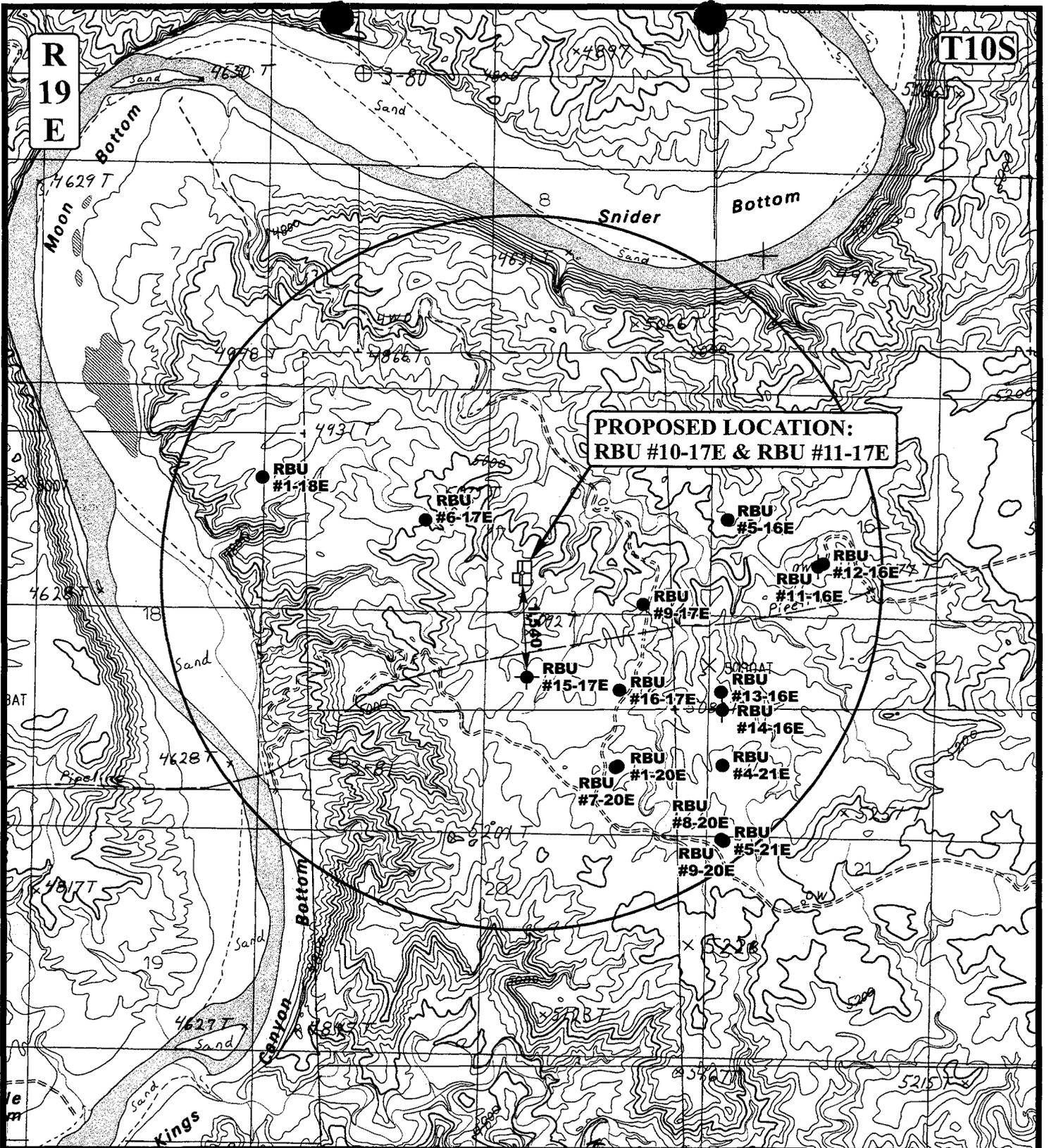
**RBU #10-17E & RBU #11-17E  
SECTION 17, T10S, R19E, S.L.B.&M.  
NW 1/4 SE 1/4**



**Uintah Engineering & Land Surveying**  
85 South 200 East Vernal, Utah 84078  
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<b>TOPOGRAPHIC</b>	<b>02</b>	<b>13</b>	<b>04</b>
<b>MAP</b>	MONTH	DAY	YEAR
SCALE: 1" = 2000'	DRAWN BY: T.H.		REVISED: 04-08-05C.P.





**PROPOSED LOCATION:  
RBU #10-17E & RBU #11-17E**

**LEGEND:**

- |                   |                         |
|-------------------|-------------------------|
| ⊗ DISPOSAL WELLS  | ⊗ WATER WELLS           |
| ● PRODUCING WELLS | ● ABANDONED WELLS       |
| ● SHUT IN WELLS   | ● TEMPORARILY ABANDONED |

**DOMINION EXPLR. & PROD., INC.**

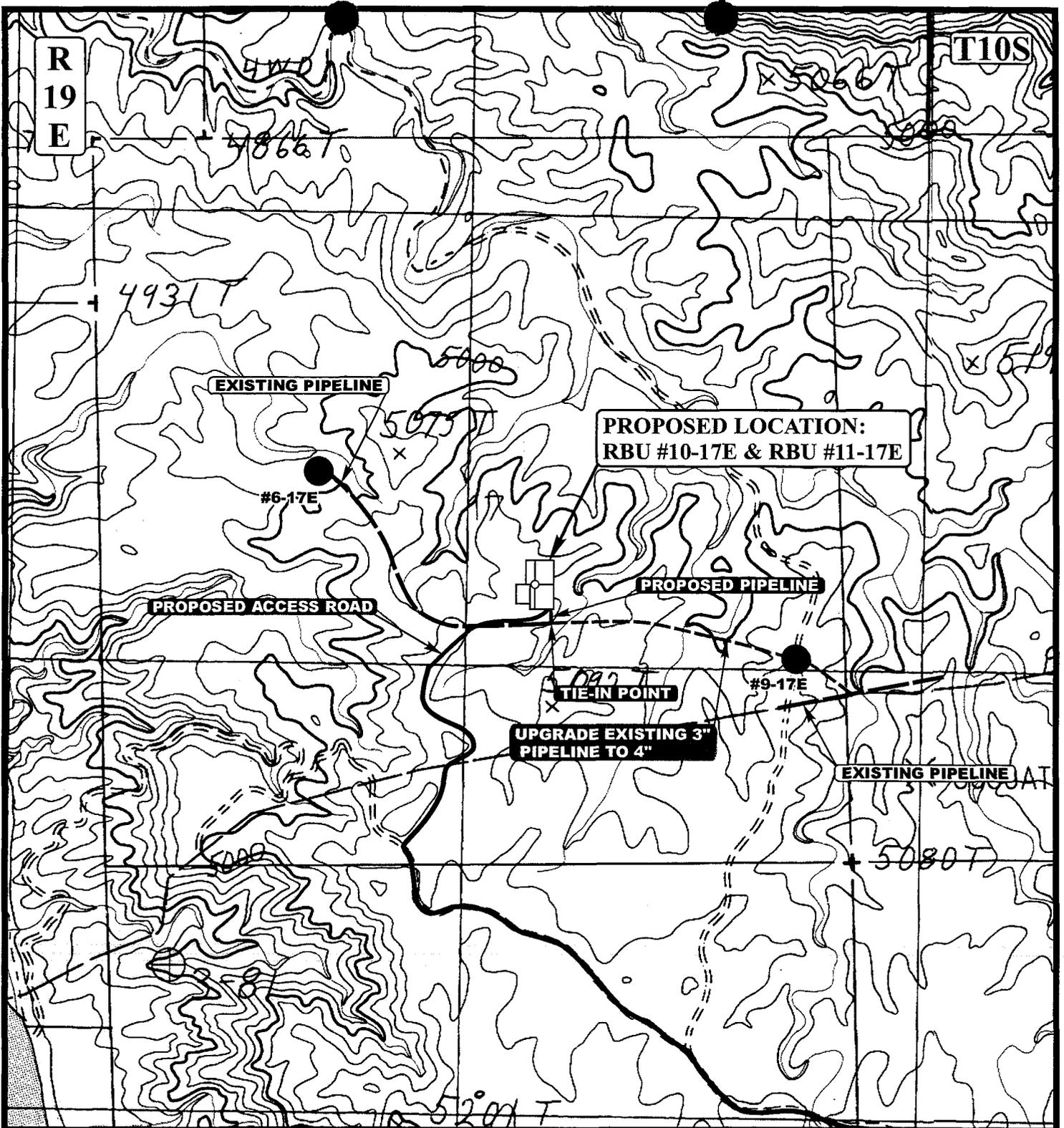
RBU #10-17E & RBU #11-17E  
SECTION 17, T10S, R19E, S.L.B.&M.  
NW 1/4 SE 1/4

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



**TOPOGRAPHIC MAP** 02 13 04  
MONTH DAY YEAR  
SCALE: 1" = 2000' DRAWN BY: T.H. REVISED: 04-08-05C.P.





APPROXIMATE TOTAL PIPELINE DISTANCE = 80' +/-

**LEGEND:**

-  PROPOSED ACCESS ROAD
-  EXISTING PIPELINE
-  PROPOSED PIPELINE

**DOMINION EXPLR. & PROD., INC.**

RBU #10-17E & RBU #11-17E  
 SECTION 17, T10S, R19E, S.L.B.&M.  
 NW 1/4 SE 1/4

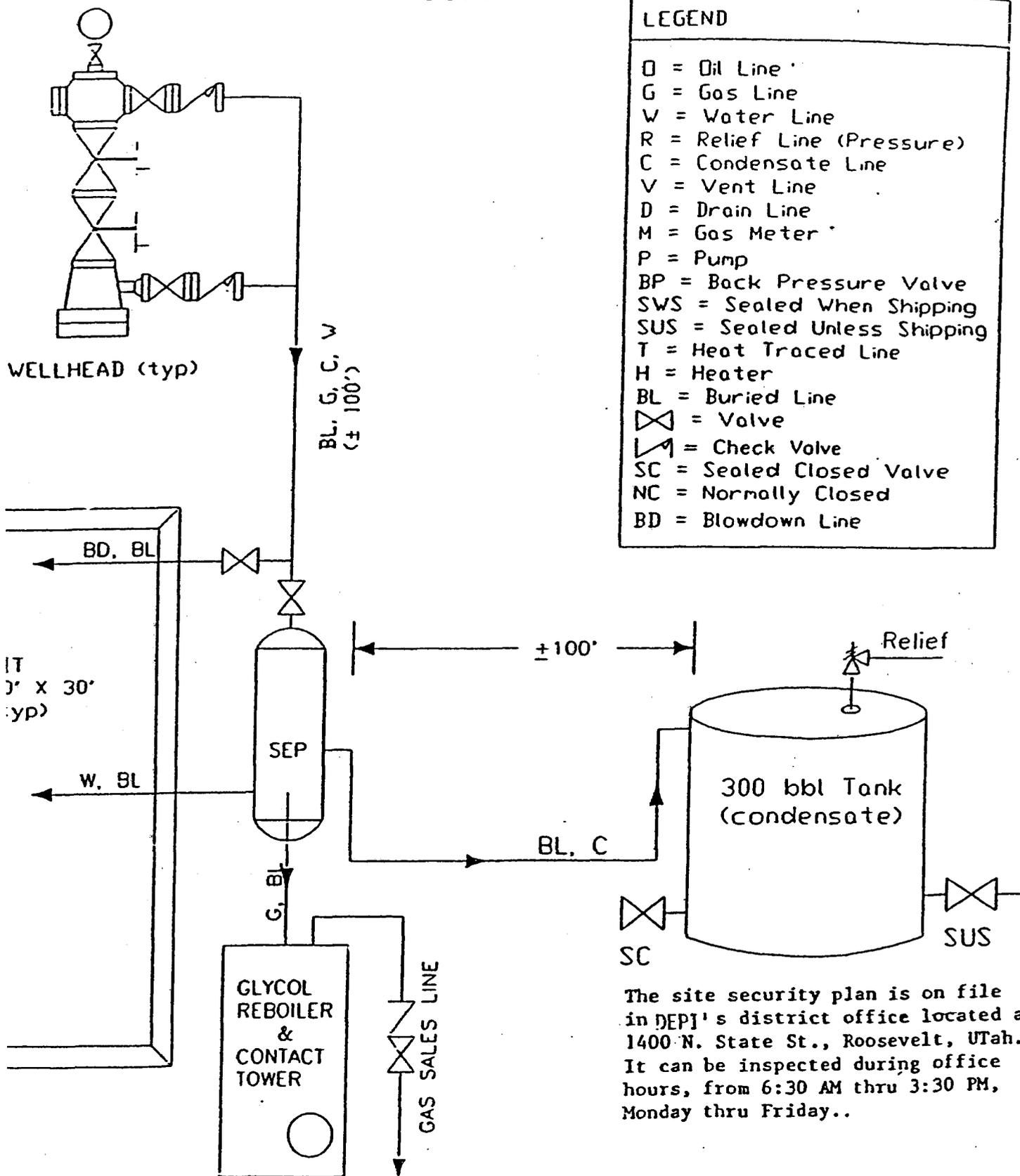


Uintah Engineering & Land Surveying  
 85 South 200 East Vernal, Utah 84078  
 (435) 789-1017 \* FAX (435) 789-1813

TOPOGRAPHIC MAP  
 02 13 04  
 MONTH DAY YEAR  
 SCALE: 1" = 1000' DRAWN BY: T.H. REVISED: 04-08-05C.P.



CONFIDENTIAL



The site security plan is on file in DEPJ's district office located at 1400 N. State St., Roosevelt, Utah. It can be inspected during office hours, from 6:30 AM thru 3:30 PM, Monday thru Friday..

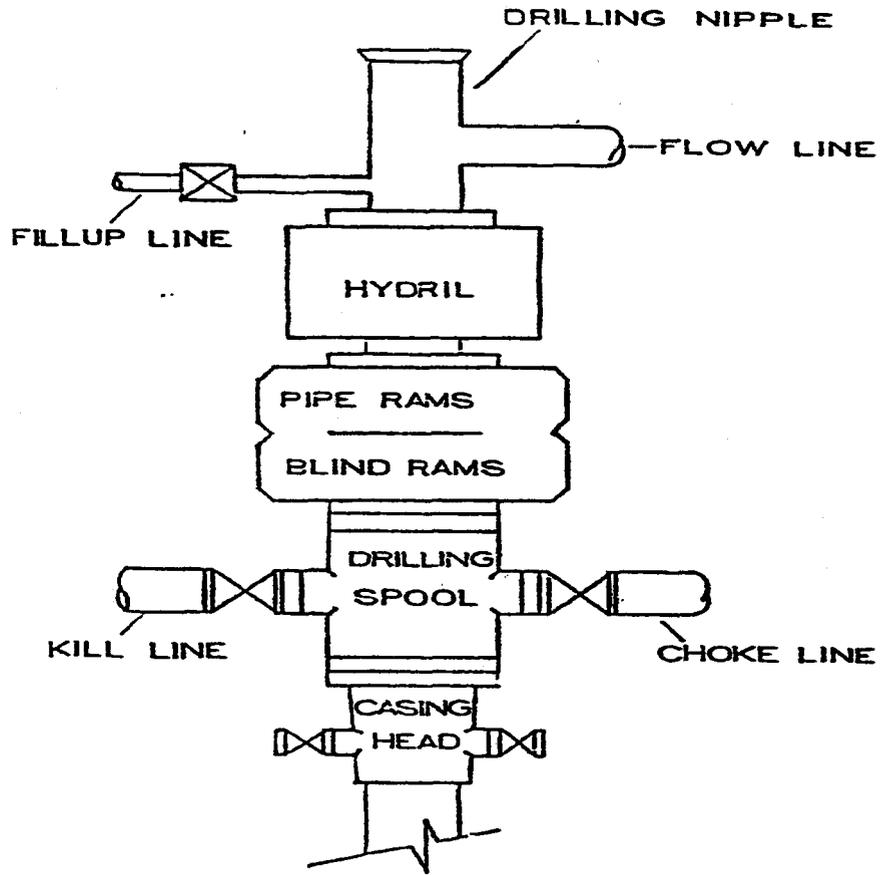
DOMINION EXPLORATION & PRODUCTION, INC.

not to scale

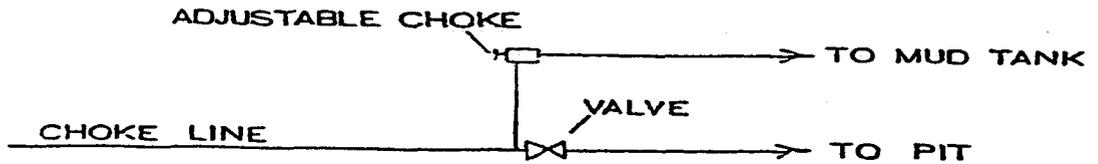
date: / /

TYPICAL FLOW DIAGRAM

# BOP STACK



# CHOKER MANIFOLD



**WORKSHEET  
APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 08/29/2005

API NO. ASSIGNED: 43-047-37057
--------------------------------

WELL NAME: RBU 11-17E  
 OPERATOR: DOMINION EXPL & PROD ( N1095 )  
 CONTACT: DON HAMILTON

PHONE NUMBER: 435-650-1886

PROPOSED LOCATION:

*NE SW*

NWSE 17 100S 190E  
 SURFACE: 1991 FSL 2275 FEL  
 BOTTOM: 1500 FSL 2100 FWL  
 UINTAH  
 NATURAL BUTTES ( 630 )

LEASE TYPE: 1 - Federal  
 LEASE NUMBER: U-03505  
 SURFACE OWNER: 1 - Federal  
 PROPOSED FORMATION: MVRD  
 COALBED METHANE WELL? NO

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

LATITUDE: 39.94458  
 LONGITUDE: -109.8040

RECEIVED AND/OR REVIEWED:

- Plat
- Bond: Fed[1] Ind[] Sta[] Fee[]  
(No. 76S630500330 )
- Potash (Y/N)
- Oil Shale 190-5 (B) or 190-3 or 190-13
- Water Permit  
(No. 43-10447 )
- RDCC Review (Y/N)  
(Date: \_\_\_\_\_ )
- Fee Surf Agreement (Y/N)
- Intent to Commingle (Y/N)

LOCATION AND SITING:

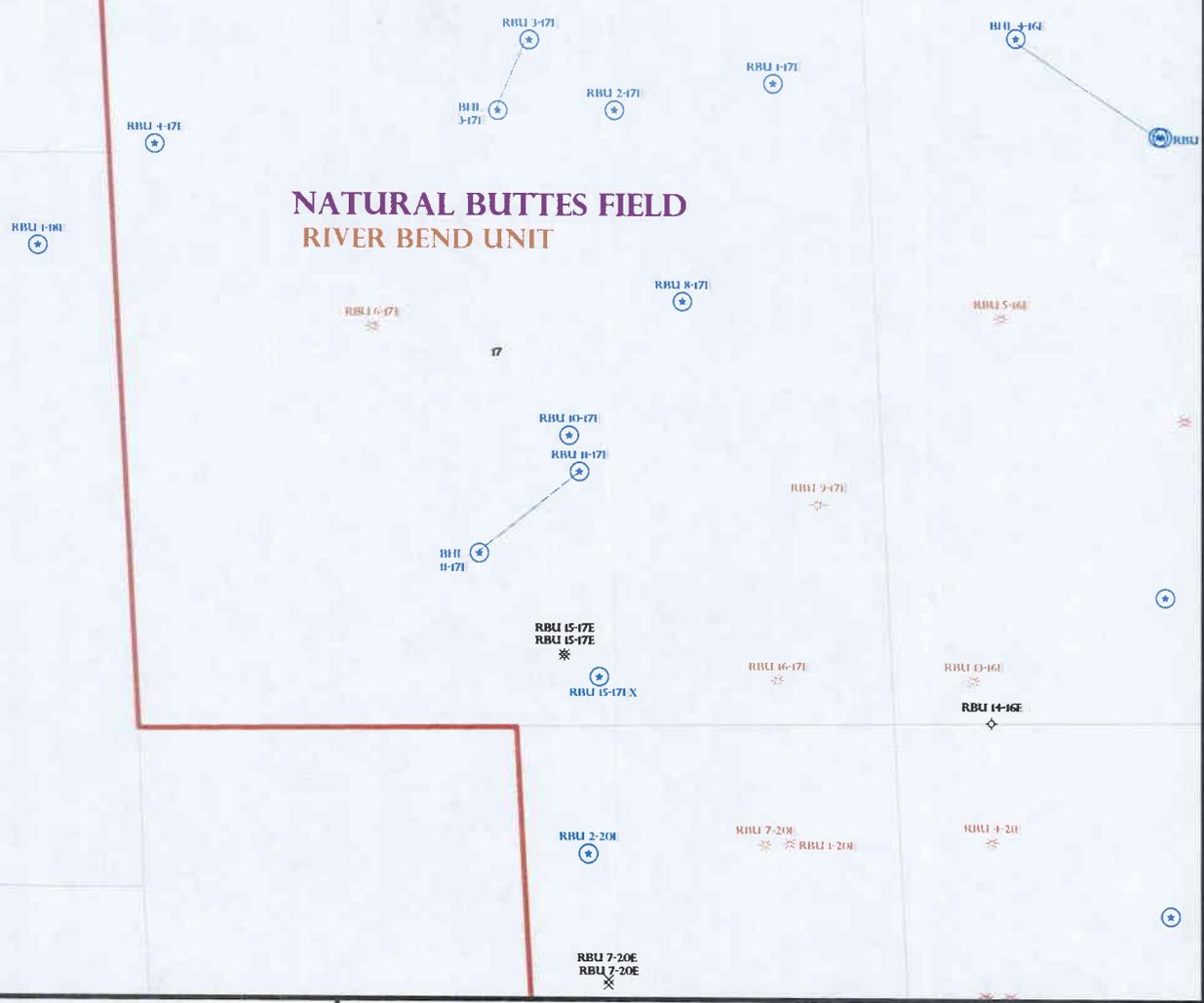
- \_\_\_\_\_ R649-2-3.
- Unit RIVER BEND
- \_\_\_\_\_ R649-3-2. General  
Siting: 460 From Qtr/Qtr & 920' Between Wells
- \_\_\_\_\_ R649-3-3. Exception
- \_\_\_\_\_ Drilling Unit  
Board Cause No: \_\_\_\_\_  
Eff Date: \_\_\_\_\_  
Siting: \_\_\_\_\_
- R649-3-11. Directional Drill

COMMENTS: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

STIPULATIONS: 1- Federal Approval  
2- Spacing Stip  
 \_\_\_\_\_  
 \_\_\_\_\_

T10S R19E

## NATURAL BUTTES FIELD RIVER BEND UNIT



OPERATOR: DOMINION EXPL & PROD (N1095)  
 SEC: 17 T. 10S R. 19E  
 FIELD: NATURAL BUTTES (630)  
 COUNTY: UINTAH  
 SPACING: R649-3-11 / DIRECTIONAL DRILLING

Field Status	
	ABANDONED
	ACTIVE
	COMBINED
	INACTIVE
	PROPOSED
	STORAGE
	TERMINATED

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

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



PREPARED BY: DIANA WHITNEY  
 DATE: 01-SEPTEMBER-2005

# 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)

September 1, 2005

### Memorandum

To: Assistant District Manager Minerals, Vernal District

From: Michael Coulthard, Petroleum Engineer

Subject: 2005 Plan of Development River Bend Unit Uintah County,  
Utah.

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following wells are planned for calendar year 2005 within the River Bend Unit, Uintah County, Utah.

API#	WELL NAME	LOCATION
Proposed PZ MesaVerde)		
43-047-37057	RBU 11-17E Sec 17 T10S R19E 1991 FSL 2275 FEL BHL Sec 17 T10S R19E 1500 FSL 2100 FWL	
43-047-37058	RBU 3-17E Sec 17 T10S R19E 0225 FNL 2183 FWL BHL Sec 17 T10S R19E 0700 FNL 2000 FWL	

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

/s/ Michael L. Coulthard

bcc: File – River Bend Unit  
Division of Oil Gas and Mining  
Central Files  
Agr. Sec. Chron



**State of Utah**

**Department of  
Natural Resources**

MICHAEL R. STYLER  
*Executive Director*

**Division of  
Oil, Gas & Mining**

JOHN R. BAZA  
*Division Director*

JON M. HUNTSMAN, JR.  
*Governor*

GARY R. HERBERT  
*Lieutenant Governor*

September 1, 2005

Dominion Exploration & Production, Inc.  
14000 Quail Springs Parkway, Suite 600  
Oklahoma City, OK 73134

Re: River Bend Unit 11-17E Well, Surface Location 1991' FSL, 2275' FEL, NW SE,  
Sec. 17, T. 10 South, R. 19 East, Bottom Location 1500' FSL, 2100' FWL,  
NE SW, Sec. 17, T. 10 South, R. 19 East, Uintah County, Utah

Gentlemen:

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

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-37057.

Sincerely,

*For* Gil Hunt  
Associate Director

pab

Enclosures

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

**Operator:** Dominion Exploration & Production, Inc.  
**Well Name & Number** River Bend Unit 11-17E  
**API Number:** 43-047-37057  
**Lease:** U-03505

**Surface Location:** NW SE      **Sec.** 17      **T.** 10 South      **R.** 19 East  
**Bottom Location:** NE SW      **Sec.** 17      **T.** 10 South      **R.** 19 East

### Conditions of Approval

1. General

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

2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

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

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

- Contact Dan Jarvis at (801) 538-5338

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.

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.

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

AUG 29 2005

**APPLICATION FOR PERMIT TO DRILL OR DEEPEN**

1a. TYPE OF WORK <b>DRILL</b> <input checked="" type="checkbox"/> <b>DEEPEN</b> <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. U-03505
b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME N/A
2. NAME OF OPERATOR Dominion Exploration & Production, Inc.		7. UNIT AGREEMENT NAME River Bend Unit
3. ADDRESS AND TELEPHONE NO. 14000 Quail Springs Parkway, Suite 600, Oklahoma City, OK 73134, 405-749-5263		8. FARM OR LEASE NAME, WELL NO. RBU 11-17E
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. *) At surface: 1,991' FSL & 2,275' FEL, NW/4 SE/4 At proposed prod. zone: 1,500' FSL & 2,100' FWL, NE/4 SW/4		9. API WELL NO. 43-047-37057
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 11.97 miles southwest of Ouray, Utah		10. FIELD AND POOL, OR WILDCAT Natural Buttes
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any) 377'	16. NO. OF ACRES IN LEASE 1,057.35	11. SEC., T., R., M., OR BLK. A Section 17, T10S, R19E, SLB&M
18. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 1,540'	19. PROPOSED DEPTH 8,650'	12. COUNTY OR PARISH Uintah
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 5,052' GR	17. NO. OF ACRES ASSIGNED TO THIS WELL 40 acres	13. STATE Utah
23. PROPOSED CASING AND CEMENTING PROGRAM		20. ROTARY OR CABLE TOOLS Rotary
22. APPROX. DATE WORK WILL START* November 15, 2005		

SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17-1/2"	13-3/8" H-40 ST&C	48#	500'	450 sacks Class C cement + 2% CaCl <sub>2</sub> + 1/4 #/sk. Poly-E-Flakes
12-1/4"	9-5/8" J-55 LT&C	36#	2,800'	300 sacks Lead and 390 sacks Tail (see Drilling Plan)
7-7/8"	5-1/2" Mav-80 LT&C	17#	8,650'	90 sacks Lead and 600 sacks Tail (see Drilling Plan)

**This well is a directional well from the proposed RBU 10-17E pad and is located on BLM managed federal surface.**

**Bond Information:**

Bond coverage is provided by Travelers Casualty and Surety Company of America, Bond #76S 63050 0330

**Other Information:**

Drilling Plan and Surface Use Plan are attached.

Dominion requests that this complete application for permit to drill be held confidential.

A request for exception to spacing (R649-3-11) is hereby requested based on topography since the well is located within 460' of the drilling unit boundary. Dominion Exploration & Production, Inc. is the only owner and operator within 460' of the proposed well and all points along the intended well bore path.

Accepted by the  
Utah Division of  
Oil, Gas and Mining  
**FOR RECORD ONLY**  
**ORIGINAL**  
**RECEIVED**  
AUG 10 2005  
**CONFIDENTIAL**

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, give data present production and proposed production. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED Don Hamilton Don Hamilton TITLE Agent for Dominion DATE August 26, 2005

(This space for Federal or State office use)  
PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

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

CONDITIONS OF APPROVAL, IF ANY:  
APPROVED BY [Signature] TITLE Assistant Field Manager Lands & Mineral Resources DATE 8-4-2006

**\*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 or the

**NOTICE OF APPROVAL**

**CONDITIONS OF APPROVAL ATTACHED**



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:** Dominion Exploration & Production      **Location:** NWSE, Sec 17, T10S, R19E  
**Well No:** RBU 11-17E      **Lease No:** UTU-03505  
**API No:** 43-047-37057      **Agreement:** River Bend Unit

Petroleum Engineer:	Matt Baker	Office: 435-781-4490	Cell: 435-828-4470
Petroleum Engineer:	Michael Lee	Office: 435-781-4432	Cell: 435-828-7875
Supervisory Petroleum Technician:	Jamie Sparger	Office: 435-781-4502	Cell: 435-828-3913
Environmental Scientist:	Paul Buhler	Office: 435-781-4475	Cell: 435-828-4029
Environmental Scientist:	Karl Wright	Office: 435-781-4484	
Natural Resource Specialist:	Holly Villa	Office: 435-781-4404	
Natural Resource Specialist:	Melissa Hawk	Office: 435-781-4476	
Natural Resource Specialist:	Chris Carusona	Office: 435-781-4441	
Natural Resource Specialist:	Scott Ackerman	Office: 435-781-4437	
<b>After hours contact number:</b>	<b>(435) 781-4513</b>	<b>FAX:</b> (435) 781-4410	

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

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

**NOTIFICATION REQUIREMENTS**

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

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

Surface Conditions of Approval or monitoring are listed in the Surface Use Plan of the APDs

Within 90 calendar days of the approval date for this Application for Permit to Drill (APD), the operator/lessee will submit to the Authorized Officer (AO), on Sundry Notice Form 3160-5, an Interim Surface Reclamation Plan for surface disturbance on well pads, access roads, and pipelines. At a minimum, this will include the Best Management Practice of the reshaping of the pad to the original contour to the extent possible; the respreading of the top soil up to the rig anchor points; and, reseeding the area using appropriate reclamation methods. The AO will provide written approval or concurrence within 30 calendar days of receipt.

The interim seed mix for reclamation will be:

Crested Wheat grass	<i>Agropyron cristatum</i>	4 lbs. /acre
Western wheat grass	<i>Agropyron smithii</i>	4 lbs. /acre
Needle and thread grass	<i>Stipa comata</i>	4 lbs. /acre

If paleontologic materials are uncovered during construction, the operator shall immediately stop work that might further disturb such materials and contact the Authorized Officer (AO). A determination will be made by the AO as to what mitigation will be necessary for the discovered paleontologic material.

Following well plugging and abandonment, the location, access roads, pipelines, and other facilities shall be reclaimed. All disturbed surfaces shall be reshaped to approximate the original contour; the top soil respread over the surface; and, the surface revegetated. The surface of approved staging areas where construction activities did not occur may require disking or ripping and reseeding.

### **DOWNHOLE CONDITIONS OF APPROVAL**

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

#### **SITE SPECIFIC DOWNHOLE CONDITIONS OF APPROVAL**

- The oil shale resources will need to be isolated and/or protected.

#### **DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS**

- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well. Any changes in operation must have prior approval from the BLM, Vernal Field Office Petroleum Engineers.
- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- **Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.**
- Blowout prevention equipment (BOPE) will remain in use until the well is completed or abandoned. Closing unit controls must remain unobstructed and readily accessible at all times. Choke manifolds must be located outside of the rig substructure.
- All BOPE components will 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 must be performed by a test pump with a chart recorder and **NOT** by the rig pumps. Test must be reported in the driller's log.
- BOP drills must 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.
- All shows of fresh water and minerals will be reported and protected. A sample will be taken of any water flows and a water analysis furnished the BLM, Vernal Field Office. All oil and gas shows will be adequately tested for commercial possibilities, reported, and protected.

- No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will 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 must be obtained and notification given before resumption of operations.
- Chronologic drilling progress reports must be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.
- Any change in the program must be approved by the BLM, Vernal Field Office. "Sundry Notices and Reports on Wells" (Form BLM 3160-5) must be filed for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.
- Emergency approval may be obtained orally, but such approval does not waive the written report requirement. Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, will require the filing of a suitable plan pursuant to Onshore Oil & Gas Order No. 1 of 43 CFR 3164.1 and prior approval by the BLM, Vernal Field Office.
- In accordance with 43 CFR 3162.4-3, this well must 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.
- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) will 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, will 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) will 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 will have prior written approval from the BLM, Vernal Field Office.
- All measurement points shall be identified as point of sales or allocation for royalty determination prior to the installation of facilities.
- Oil and gas meters will be calibrated in place prior to any deliveries. The Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports will 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.

- 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.
- This APD is approved subject to the requirement that, shall 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 ( $\frac{1}{4}$  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 will be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from Field Office Petroleum Engineers.
- 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, will 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.
- 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.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0135  
Expires: November 30, 2000

**SUNDRY NOTICES AND REPORTS ON WELLS**  
Do not use this form for proposals to drill or to re-enter an  
abandoned well. Use Form 3160-3 (APD) for such proposals.

*SUBMIT IN TRIPLICATE - Other Instructions on reverse side*

1. Type of Well  
 Oil Well     Gas Well     Other

2. Name of Operator  
**DOMINION EXPLORATION & PRODUCTION, INC.**

3a. Address                      Suite 600  
**14000 QUAIL SPGS PKWY, OKLA CITY, OK 73134**

3b. Phone No. (include area code)  
**405-749-1300**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
**1991' FSL & 2275' FEL, NWSE, Sec. 17-10S-19E**

5. Lease Serial No.  
**U-03505**

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.  
**River Bend Unit**

8. Well Name and No.  
**RBU 11-17E**

9. API Well No.  
**43-047-37057**

10. Field and Pool, or Exploratory Area  
**Natural Buttes**

11. County or Parish, State  
**Uintah Co., Utah**

**CONFIDENTIAL**

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal
			<input type="checkbox"/> Water Shut-Off
			<input type="checkbox"/> Well Integrity
			<input checked="" type="checkbox"/> Other <b>APD Extension</b>

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

The State APD for this well expires September 1, 2006. Dominion is hereby requesting a one year extension.

Approved by the  
Utah Division of  
Oil, Gas and Mining

Date: 09-25-06  
By: [Signature]

14. I hereby certify that the foregoing is true and correct  
 Name (Printed/Typed) **Carla Christian** Title **Sr. Regulatory Specialist**

Signature Carla Christian Date **28-Aug-06**

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

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

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, 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.

COPY SENT TO OPERATOR  
Date: 9/27/06  
Initials: RM

**RECEIVED**  
**AUG 31 2006**  
DIV. OF OIL, GAS & MINING

**Application for Permit to Drill  
Request for Permit Extension  
Validation**

(this form should accompany the Sundry Notice requesting permit extension)

**API:** 43-047-37057  
**Well Name:** RBU 11-17E  
**Location:** Section 17-10S-19E, 1991' FSL & 2275' FEL  
**Company Permit Issued to:** Dominion Exploration & Production, Inc.  
**Date Original Permit Issued:** 9/1/2005

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 right-of-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

Carla Christian  
Signature

8/28/2006

Date

Title: Sr. Regulatory Specialist

Representing: Dominion Exploration & Production, Inc.

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**DIVISION OF OIL, GAS AND MINING**

**SPUDDING INFORMATION**

Name of Company: DOMINION EXPL & PROD INC

Well Name: RBU 11-17E

Api No: 43-047-37057 Lease Type: FEDERAL

Section 17 Township 10S Range 19E County UINTAH

Drilling Contractor BILL JRS RIG # 6

**SPUDED:**

Date 02/20/07

Time 2:00 AM

How DRY

**Drilling will Commence:** \_\_\_\_\_

Reported by PAT WISENER

Telephone # (435) 828-1455

Date 02/20/2007 Signed CHD

**ENTITY ACTION FORM**

Operator: Dominion Exploration & Production, Inc. Operator Account Number: N 1095  
 Address: 14000 Quail Springs Parkway, Suite 600  
city Oklahoma City  
state OK zip 73134 Phone Number: (405) 749-5237

**Well 1**

API Number	Well Name		QQ	Sec	Twp	Rng	County
43-047-37057	RBU 11-17E		NWSE	17	10S	19E	Uintah
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
<i>AB</i>	<i>99999</i>	<i>7050</i>	<i>2/20/2007</i>		<i>2/22/07</i>		
Comments: <i>MVRD = WSMVD</i> <i>BHL = NESW</i>						CONFIDENTIAL	

**Well 2**

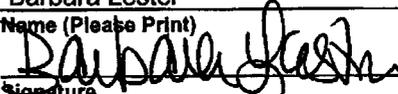
API Number	Well Name		QQ	Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
Comments:							

**Well 3**

API Number	Well Name		QQ	Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
Comments:							

**ACTION CODES:**

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (Explain in 'comments' section)

Barbara Lester  
 Name (Please Print)  
  
 Signature  
Regulatory Specialist Title 2/20/2007 Date

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# FACSIMILE COVER PAGE

**To :** Utah Division of Oil, Gas & Mining  
**Sent :** 3/14/2007 at 4:07:12 PM  
**Subject :** RBU 11-17E

**From :** ~~CONFIDENTIAL~~  
**Pages :** 2 (including Cover)

43-047-37057  
17 10s 19e

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DIV. OF OIL, GAS & MINING



# WELL CHRONOLOGY REPORT

**CONFIDENTIAL**

**WELL NAME : RBU 11-17E**

Event No: 1

DISTRICT : WESTERN

FIELD : NATURAL BUTTES 630

LOCATION : 1991' FSL 2275' FEL SEC 17 T 10S R 19E

COUNTY & STATE : Uintah

UT

CONTRACTOR :

WI % : 100.00 AFE # : 0700572

API # : 43-047-37057

PLAN DEPTH : 8,795

SPUD DATE : 02/20/07

DHC : \$863,500

CWC : \$761,389

AFE TOTAL : \$1,624,889

FORMATION : WASATCH/MESAVERDE

EVENT DC: \$111,935.00

EVENT CC: \$0.00

EVENT TC: \$111,935.00

WELL TOTL COST: \$111,935

REPORT DATE: 02/21/07

MD : 550

TVD : 550

DAYS :

MW :

VISC :

DAILY : DC : \$111,935.00

CC : \$0.00

TC : \$111,935.00

CUM : DC : \$111,935.00

CC : \$0.00

TC : \$111,935.00

DAILY DETAILS: MIRU BILL JRS # 6. SPUD WELL ON 2-20-07 @ 2:00AM. DRILL 550' OF 17.5" HOLE. RUN & SET 12 JT'S 13.375", H-40, 48# CSGN @ 520'/GL CEMENT W/ 500 SKS TAIL MIXED @ 15.8 PPG & 1.15 YLD W/ GOOD RETURNS AND 10 BBLS CEMENT TO PIT. VERNAL BLM REP ALLEN WALKER WITNESSED.

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# FACSIMILE COVER PAGE

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**To :** Utah Division of Oil, Gas & Mining  
**Sent :** 3/22/2007 at 11:00:28 AM  
**Subject :** RBU 11-17E

**From :** g  
**Pages :** 2 (including Cover)

**CONFIDENTIAL**

43-047-37057  
17 105 19e

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MAR 22 2007  
DIV. OF OIL, GAS & MINING



## WELL CHRONOLOGY REPORT

**WELL NAME : RBU 11-17E**

Event No: 1

DISTRICT : WESTERN

FIELD : NATURAL BUTTES 630

LOCATION : 1991' FSL 2275' FEL SEC 17 T 10S R 19E

COUNTY &amp; STATE : UINTAH

UT

CONTRACTOR :

WI % : 100.00 AFE # : 0700572

API # : 43-047-37057

PLAN DEPTH : 8,795

SPUD DATE : 02/20/07

DHC : \$863,500

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AFE TOTAL : \$1,624,889

FORMATION : WASATCH/MESAVERDE

EVENT DC : \$111,935.00

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EVENT TC : \$111,935.00

WELL TOTL COST : \$111,935

REPORT DATE: 02/21/07

MD : 550

TVD : 550

DAYS :

MW :

VISC :

DAILY : DC : \$111,935.00

CC : \$0.00

TC : \$111,935.00

CUM : DC : \$111,935.00

CC : \$0.00

TC : \$111,935.00

DAILY DETAILS : MIRU BILL JRS # 6. SPUD WELL ON 2-20-07 @ 2:00AM. DRILL 550' OF 17.5" HOLE. RUN & SET 12 JT'S 13.375", H-40, 48# CSGN @ 520'/GL CEMENT W/ 500 SKS TAIL MIXED @ 15.8 PPG & 1.15 YLD W/ GOOD RETURNS AND 10 BBLs CEMENT TO PIT. VERNAL BLM REP ALLEN WALKER WITNESSED.

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**MAR 22 2007**

# FACSIMILE COVER PAGE

**To :** Utah Division of Oil, Gas & Mining

**Sent :** 3/28/2007 at 3:14:30 PM

**Subject :** RBU 11-17E

**From :** g

**Pages :** 2 (including cover)

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43-047-37057  
17 10s19e

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**MAR 28 2007**

**DIV. OF OIL, GAS & MINING**



## WELL CHRONOLOGY REPORT

**WELL NAME : RBU 11-17E**

DISTRICT : WESTERN

FIELD : NATURAL BUTTES 630

Event No: 1

LOCATION : 1991' FSL 2275' FEL SEC 17 T 10S R 19E

COUNTY &amp; STATE : UINTAH

UT

CONTRACTOR :

WI % : 100.00 AFE # : 0700572

API # : 43-047-37057

PLAN DEPTH : 8,795

SPUD DATE : 02/20/07

DHC : \$863,500

CWC : \$761,389

AFE TOTAL : \$1,624,889

FORMATION : WASATCH/MESAVERDE

EVENT DC : \$111,935.00

EVENT CC : \$0.00

EVENT TC : \$111,935.00

WELL TOTL COST: \$111,935

REPORT DATE: 02/21/07

MD : 550

TVD : 550

DAYS :

MW :

VISC :

DAILY : DC : \$111,935.00

CC : \$0.00

TC : \$111,935.00

CUM : DC : \$111,935.00

CC : \$0.00

TC : \$111,935.00

DAILY DETAILS : MIRU BILL JRS # 6. SPUD WELL ON 2-20-07 @ 2:00AM. DRILL 550' OF 17.5" HOLE. RUN & SET 12 JT'S 13.375", H-40, 48# CSGN @ 520'/GL CEMENT W/ 500 SKS TAIL MIXED @ 15.8 PPG & 1.15 YLD W/ GOOD RETURNS AND 10 BBLS CEMENT TO PIT. VERNAL BLM REP ALLEN WALKER WITNESSED.

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# FACSIMILE COVER PAGE

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To : Utah Division of Oil, Gas & Mining

From : g

Sent : 4/10/2007 at 4:56:26 PM

Pages : 2 (including Cover)

Subject : RBU 11-17E *T10SR 19E Sec -17 43-042-37057*

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APR 10 2007  
DIV. OF OIL, GAS & MINING

**DEPI Well Operations Chronology Report**

WMI: RBU 11-17E		API:		Rep. No.: 1	DOL:	DFS:	Report Date: 2/21/2007		
Operator: DOMINION EXPLORATION & PRODUCTION INC				UWI: SEC 17 T10S R19E 1991FSL 2275 FEL					
Rig Name:				Final Surface Location:					
Event: DRILL		Start Date: 1/4/2007		Spud Dt.: 2/20/2007		Type: Drill, complete, & equip an 8850' TVD Wasatch/Mesaverde well			
Supervisor: PAT WISENER		Engineer:		AFE No.: 0700572		Authorized Days:			
Active Datum: GL @ 5,052.0ft (GROUND LEVEL)		Ground Elev.: 5,052.00		Wt: 100%		Authorized MD/TVD: 8,548			
CURRENT DEPTH			HOLE SIZE	MUD WEIGHT	LAST CASING				
MD(ft)	TVD(ft)	24 Hr. Progress			SIZE	MD	TVD	LOT(EMW)	
5,602.00	5,602.00	550.0(ft)	0(*)		(*)	(ft)	(ft)	(ppg)	
FORMATION/TARGET NAME				MD TOP (ft)	TVD TOP (ft)	NEXT CASING			
						SIZE	MD	TVD	
						(*)	(ft)	(ft)	
<b>Daily Detail:</b> MIRU BILL JRS # 6. SPUD WELL ON 2-20-07 @ 2:00AM. DRILL 550' OF 17.5" HOLE. RUN & SET 12 JT'S 13.375", H-40, 48# CSGN @ 520'/GL CEMENT W/ 500 SKS TAIL MIXED @ 15.8 PPG & 1.15 YLD W/ GOOD RETURNS AND 10 BBLs CEMENT TO PIT. VERNAL BLM REP ALLEN WALKER WITNESSED.						Well Costs (\$)			
								AFE	Actual
						<b>Daily Cost</b>			111,935.00
						<b>Cumulative Total</b>		1,824,889.00	111,935.00

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APR 10 2007

DIV. OF OIL, GAS & MINING

T10S R19E S-17 43-047-37057		Page 1 of 1						
<b>DEPI Well Operations Chronology Report</b>								
Well: RBU 11-17E	API: 430473705700	Rpt No.: 1	DOL:	DFS:	Report Date: 2/21/2007			
Operator: DOMINION EXPLORATION & PRODUCTION INC			UWI: SEC 17 T10S R19E 1891FSL 2275 FEL					
Rig Name:			Final Surface Location:					
Event: DRILL	Start Date: 1/4/2007	Spud Dt: 2/20/2007	Type: Drill, complete, & equip an 8850' TVD Wasatch/Mesaverde well.					
Supervisor: PAT WSENER	Engineer:	AFE No.: 0700572	Authorized Days:					
Active Datum: GL @ 5,052.0ft (GROUND LEVEL)	Ground Elev.: 5,052.00	WI:	Authorized MD/TVD: 8,548					
<b>CURRENT DEPTH</b>			<b>HOLE SIZE</b>	<b>MUD WEIGHT</b>	<b>LAST CASING</b>			
MD(ft)	TVD(ft)	24 Hr. Progress	0(*)		SIZE	MD	TVD	LOT(EMW)
5,602.00	5,602.00	550.0(ft)			(*)	(ft)	(ft)	(ppg)
<b>FORMATION/TARGET NAME</b>				<b>MD TOP (ft)</b>	<b>TVD TOP (ft)</b>	<b>NEXT CASING</b>		
						SIZE	MD	TVD
						(*)	(ft)	(ft)
<b>Daily Detail:</b> MIRU BILL JRS # 6. SPUD WELL ON 2-20-07 @ 2:00AM. DRILL 550' OF 17.5" HOLE. RUN & SET 12 JT'S 13.375", H-40, 48# CSGN @ 520'/GL CEMENT W/ 500 SKS TAIL MIXED @ 15.8 PPG & 1.15 YLD W/ GOOD RETURNS AND 10 BBL'S CEMENT TO PIT. VERNAL BLM REP ALLEN WALKER WITNESSED.				<b>Well Costs (\$)</b>				
						<b>AFE</b>	<b>Actual</b>	
				<b>Daily Cost</b>			111,935.00	
				<b>Cumulative Total</b>		1,624,889.00	111,935.00	

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**APR 26 2007**  
 DIV. OF OIL, GAS & MINING

**DEPI Well Operations Chronology Report**

**CONFIDENTIAL**

<b>Well:</b> RBU 11-17E		<b>API:</b> 430473706700		<b>Rpt No.:</b> 1	<b>DOL:</b>	<b>DFS:</b>	<b>Report Date:</b> 2/21/2007
Operator: DOMINION EXPLORATION & PRODUCTION INC				UWI: SEC 17 T10S R19E 1991FSL 2275 FEL			
Rig Name:				Final Surface Location:			
Event: DRILL		Start Date: 1/4/2007		Spud Dt.: 2/20/2007		Type: Drill, complete, & equip an 8850' TVD Wasatch/Mesaverde well.	
Supervisor: PAT WISENER		Engineer:		AFE No.: 0700572		Authorized Days:	
Active Datum: GL @5,052.0ft (GROUND LEVEL)		Ground Elev.: 5,052.00		Wt: 1%		Authorized MD/TVD: 8,546	
<b>CURRENT DEPTH</b>			<b>HOLE SIZE</b>	<b>MUD WEIGHT</b>	<b>LAST CASING</b>		
MD(ft)	TVD(ft)	24 Hr. Progress	0(")		SIZE	MD	TVD
5,802.00	5,802.00	550.0(ft)			(")	(ft)	(ft)
<b>FORMATION/TARGET NAME</b>			<b>MD TOP (ft)</b>	<b>TVD TOP (ft)</b>	<b>NEXT CASING</b>		
					SIZE	MD	TVD
					(")	(ft)	(ft)
<b>Daily Detail:</b> MIRU BILL JRS # 6. SPUD WELL ON 2-20-07 @ 2:00AM. DRILL 550' OF 17.5" HOLE. RUN & SET 12 JTS 13.375", H-40, 48# CSGN @ 520'/GL CEMENT W/ 500 SKS TAIL MIXED @ 15.8 PPG & 1.15 YLD W/ GOOD RETURNS AND 10 BBLS CEMENT TO PIT. VERNAL BLM REP ALLEN WALKER WITNESSED.					<b>Well Costs (\$)</b>		
						<b>AFE</b>	<b>Actual</b>
					<b>Daily Cost</b>		111,935.00
					<b>Cumulative Total</b>	1,624,889.00	111,935.00

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JUN 07 2007

DIV. OF OIL, GAS & MINING

Well:		API Number:	Commenced:
HCU 12-29FA	drlg rpts/wcr	4304735507	11/06/2004
RBU 27-18F	drlg rpts/wcr	4304738555	01/07/2007
RBU 11-17E	drlg rpts/wcr	4304737057	02/20/2007
RBU 15-9E	wcr	4304737747	02/21/2007
RBU 1-3E	drlg rpts/wcr	4304736810	03/02/2007
RBU 13-16F	drlg rpts/wcr	4304735348	03/19/2007
LCU 15-9H	drlg rpts/wcr	4304736806	04/12/2007
RBU 1-17E	drlg rpts/wcr	4304736429	04/25/2007
Ute Tribal 2-11H	drlg rpts/wcr	4304739064	05/07/2007
RBU 8B-17E	drlg rpts/wcr	4304738780	05/14/2007
LCU 14-3H	drlg rpts/wcr	4304736805	05/20/2007
LCU 16-3H	drlg rpts/wcr	4304738382	05/26/2007
LCU 11-3H	drlg rpts/wcr	4304736776	05/29/2007
LCU 10-3H	drlg rpts/wcr	4304738381	06/03/2007
RBU 31-10E	drlg rpts/wcr	4304738595	06/21/2007
RBU 17-15E	drlg rpts/wcr	4304738596	06/22/2007
RBU 32-13E	drlg rpts/wcr	4304738548	06/23/2007
RBU 28-18F	drlg rpts/wcr	4304738543	06/24/2007

## NOTICE

Utah Oil and Gas Conservation General Rule R649-3-21 states that,

- A well is considered completed when the well has been adequately worked to be capable of producing oil or gas or when well testing as required by the division is concluded.
- Within 30 days after the completion or plugging of a well, the following shall be filed:
  - Form 8, Well Completion or Recompletion Report and Log
  - A copy of electric and radioactivity logs, if run
  - A copy of drillstem test reports,
  - A copy of formation water analyses, porosity, permeability or fluid saturation determinations
  - A copy of core analyses, and lithologic logs or sample descriptions if compiled
  - A copy of directional, deviation, and/or measurement-while-drilling survey for each horizontal well

Failure to submit reports in a timely manner will result in the issuance of a Notice of Violation by the Division of Oil, Gas and Mining, and may result in the Division pursuing enforcement action as outlined in Rule R649-10, Administrative Procedures, and Section 40-6-11 of the Utah Code.

---

As of the mailing of this notice, the division has not received the required reports for

Operator: XTO Energy, Inc Today's Date: 11/27/2007

Well: API Number: Drilling Commenced:

See Attachment

To avoid compliance action, required reports should be mailed within 7 business days to:

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

If you have questions or concerns regarding this matter, please call (801) 538-5284.

cc: Well File  
Compliance File

Division of Oil, Gas and Mining  
**OPERATOR CHANGE WORKSHEET**

**ROUTING**

1. DJJ
2. CDW

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

Operator Name Change/Merger

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

7/1/2007

<b>FROM:</b> (Old Operator): N1095-Dominion Exploration & Production, Inc 14000 Quail Springs Parkway, Suite 600 Oklahoma City, OK 73134  Phone: 1 (405) 749-1300	<b>TO:</b> ( New Operator): N2615-XTO Energy Inc 810 Houston St Fort Worth, TX 76102  Phone: 1 (817) 870-2800
--	--

CA No.		Unit:		RIVER BEND				
WELL NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
SEE ATTACHED LIST								

**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: 8/6/2007
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 8/6/2007
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 8/6/2007
- a. Is the new operator registered in the State of Utah: Business Number: 5655506-0143
- b. If **NO**, the operator was contacted on: \_\_\_\_\_
- a. (R649-9-2)Waste Management Plan has been received on: IN PLACE
- b. Inspections of LA PA state/fee well sites complete on: n/a
- c. 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 BIA
- Federal and Indian Units:**  
The BLM or BIA has approved the successor of unit operator for wells listed on: \_\_\_\_\_
- Federal and Indian Communization Agreements ("CA"):**  
The BLM or BIA has approved the operator for all wells listed within a CA on: \_\_\_\_\_
- Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: \_\_\_\_\_

**DATA ENTRY:**

- Changes entered in the **Oil and Gas Database** on: 9/27/2007
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 9/27/2007
- Bond information entered in RBDMS on: 9/27/2007
- Fee/State wells attached to bond in RBDMS on: 9/27/2007
- Injection Projects to new operator in RBDMS on: 9/27/2007
- Receipt of Acceptance of Drilling Procedures for APD/New on: 9/27/2007

**BOND VERIFICATION:**

- Federal well(s) covered by Bond Number: UTB000138
- Indian well(s) covered by Bond Number: n/a
- a. (R649-3-1) The **NEW** operator of any state/fee well(s) listed covered by Bond Number 104312762
- b. The **FORMER** operator has requested a release of liability from their bond on: 1/23/2008  
The Division sent response by letter on: \_\_\_\_\_

**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: \_\_\_\_\_

**COMMENTS:**

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

FORM 9

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>		5. LEASE DESIGNATION AND SERIAL NUMBER:
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:
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		7. UNIT or CA AGREEMENT NAME:
2. NAME OF OPERATOR: XTO Energy Inc. <i>N2615</i>		8. WELL NAME and NUMBER: SEE ATTACHED
3. ADDRESS OF OPERATOR: 810 Houston Street CITY Fort Worth STATE TX ZIP 76102		9. API NUMBER: SEE ATTACHED
PHONE NUMBER: (817) 870-2800		10. FIELD AND POOL, OR WILDCAT: Natural Buttes
4. LOCATION OF WELL FOOTAGES AT SURFACE: SEE ATTACHED		COUNTY: Uintah
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:		STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<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 checked="" 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 type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.  
Effective July 1, 2007, XTO Energy Inc. has purchased the wells listed on the attachment from:

Dominion Exploration & Production, Inc. *N1095*  
14000 Quail Springs Parkway, Suite 600  
Oklahoma City, OK 73134

*James D. Abercrombie* (405) 749-1300  
James D. Abercrombie  
Sr. Vice President, General Manager - Western Business Unit

Please be advised that XTO Energy Inc. is considered to be the operator on the attached list and is responsible under the terms and conditions of the lease for the operations conducted upon the lease lands. Bond coverage is provided by Nationwide BLM Bond #104312750 and Department of Natural Resources Bond #104312762.

NAME (PLEASE PRINT) <u>Edwin S. Ryan, Jr.</u>	TITLE <u>Sr. Vice President - Land Administration</u>
SIGNATURE <i>Edwin S. Ryan, Jr.</i>	DATE <u>7/31/2007</u>

(This space for State use only)

APPROVED 9127107

*Earlene Russell*  
Division of Oil, Gas and Mining  
Earlene Russell, Engineering Technician

(See Instructions on Reverse Side)

**RECEIVED**

**AUG 06 2007**

**DIV. OF OIL, GAS & MINING**

N1095 DOMINION E and P, INC. to N2615 XTO ENERGY, INC.

RIVER BEND UNIT

api	well_name	qtr	qtr	sec	twp	rng	lease_num	entity	Lease	well	stat
4304730087	OSCU 2	NWSE	03	100S	200E	U-037164	7050	Federal	GW	P	
4304730266	RBU 11-18F	NESW	18	100S	200E	U-013793	7050	Federal	GW	P	
4304730374	RBU 11-13E	NESW	13	100S	190E	U-013765	7050	Federal	GW	P	
4304730375	RBU 11-15F	NESW	15	100S	200E	U-7206	7050	Federal	GW	P	
4304730376	RBU 7-21F	SWNE	21	100S	200E	U-013793-A	7050	Federal	GW	P	
4304730405	RBU 11-19F	NESW	19	100S	200E	U-013769-A	7050	Federal	GW	P	
4304730408	RBU 11-10E	NESW	10	100S	190E	U-013792	7050	Federal	GW	P	
4304730410	RBU 11-14E	NESW	14	100S	190E	U-013792	7050	Federal	GW	P	
4304730411	RBU 11-23E	NESW	23	100S	190E	U-013766	7050	Federal	GW	P	
4304730412	RBU 11-16F	NESW	16	100S	200E	U-7206	7050	Federal	GW	P	
4304730585	RBU 7-11F	SWNE	11	100S	200E	U-01790	7050	Federal	GW	P	
4304730689	RBU 11-3F	NESW	03	100S	200E	U-013767	7050	Federal	GW	P	
4304730720	RBU 7-3E	SWNE	03	100S	190E	U-013765	7050	Federal	GW	P	
4304730759	RBU 11-24E	NESW	24	100S	190E	U-013794	7050	Federal	GW	P	
4304730761	RBU 7-10F	SWNE	10	100S	200E	U-7206	7050	Federal	GW	P	
4304730762	RBU 6-20F	SENE	20	100S	200E	U-013793-A	7050	Federal	GW	P	
4304730768	RBU 7-22F	SWNE	22	100S	200E	14-20-H62-2646	7050	Indian	GW	P	
4304730887	RBU 16-3F	SESE	03	100S	200E	U-037164	7050	Federal	GW	P	
4304730915	RBU 1-15E	NENE	15	100S	190E	U-013766	7050	Federal	GW	P	
4304730926	RBU 1-14E	NENE	14	100S	190E	U-013792	7050	Federal	GW	P	
4304730927	RBU 1-22E	NENE	22	100S	190E	U-013792	7050	Federal	GW	P	
4304730970	RBU 1-23E	NENE	23	100S	190E	U-013766	7050	Federal	GW	P	
4304730971	RBU 4-19F	NWNW	19	100S	200E	U-013769-A	7050	Federal	GW	P	
4304730973	RBU 13-11F	SWSW	11	100S	200E	U-7206	7050	Federal	WD	A	
4304731046	RBU 1-10E	NWNE	10	100S	190E	U-013792	7050	Federal	GW	S	
4304731115	RBU 16-16F	SESE	16	100S	200E	U-7206	7050	Federal	GW	P	
4304731140	RBU 12-18F	NWSW	18	100S	200E	U-013793	7050	Federal	GW	P	
4304731141	RBU 3-24E	NENW	24	100S	190E	U-013794	7050	Federal	GW	P	
4304731143	RBU 3-23E	NENW	23	100S	190E	U-013766	7050	Federal	GW	P	
4304731144	RBU 9-23E	NESE	23	100S	190E	U-013766	7050	Federal	GW	P	
4304731145	RBU 9-14E	NESE	14	100S	190E	U-013792	7050	Federal	GW	P	
4304731160	RBU 3-15E	NENW	15	100S	190E	U-013766	7050	Federal	GW	P	
4304731161	RBU 10-15E	NWSE	15	100S	190E	U-013766	7050	Federal	GW	P	
4304731176	RBU 9-10E	NESE	10	100S	190E	U-013792	7050	Federal	GW	P	
4304731196	RBU 3-14E	SENE	14	100S	190E	U-013792	7050	Federal	GW	P	
4304731252	RBU 8-4E	SENE	04	100S	190E	U-013792	7050	Federal	GW	P	
4304731322	RBU 1-19F	NENE	19	100S	200E	U-013769-A	7050	Federal	GW	P	
4304731323	RBU 5-10E	SWNW	10	100S	190E	U-013792	7050	Federal	GW	P	
4304731369	RBU 3-13E	NENW	13	100S	190E	U-013765	7050	Federal	GW	P	
4304731518	RBU 16-3E	SESE	03	100S	190E	U-035316	7050	Federal	GW	P	
4304731519	RBU 11-11F	NESW	11	100S	200E	U-7206	7050	Federal	GW	P	
4304731520	RBU 1-17F	NENE	17	100S	200E	U-013769-B	7050	Federal	GW	P	
4304731605	RBU 9-13E	NESE	13	100S	190E	U-013765	7050	Federal	GW	P	
4304731606	RBU 3-22E	NENW	22	100S	190E	U-013792	7050	Federal	GW	P	
4304731607	RBU 8-24E	SENE	24	100S	190E	U-013794	7050	Federal	GW	P	
4304731608	RBU 15-18F	SWSE	18	100S	200E	U-013794	7050	Federal	GW	P	

N1095 DOMINION E and P, INC. to N2615 XTO ENERGY, INC.

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api	well_name	qtr	qtr	sec	twp	rng	lease_num	entity	Lease	well	stat
4304731613	RBW 5-11F	SWNW	11	100S	200E	U-7206	7050	Federal	GW	P	
4304731615	RBW 4-22F	NWNW	22	100S	200E	U-0143521-A	7050	Federal	GW	S	
4304731652	RBW 6-17E	SWNW	17	100S	190E	U-03535	7050	Federal	GW	P	
4304731715	RBW 5-13E	SWNW	13	100S	190E	U-013765	7050	Federal	GW	P	
4304731717	RBW 13-13E	SWSW	13	100S	190E	U-013765	7050	Federal	GW	P	
4304731739	RBW 9-9E	NESE	09	100S	190E	U-03505	7050	Federal	GW	P	
4304732033	RBW 13-14E	SWSW	14	100S	190E	U-013792	7050	Federal	GW	P	
4304732037	RBW 11-3E	NESW	03	100S	190E	U-013765	7050	Federal	GW	P	
4304732038	RBW 6-18F	SEW	18	100S	200E	U-013769	7050	Federal	GW	P	
4304732040	RBW 15-24E	SWSE	24	100S	190E	U-013794	7050	Federal	GW	P	
4304732041	RBW 5-14E	SWNW	14	100S	190E	U-013792	7050	Federal	GW	P	
4304732050	RBW 12-20F	NWSW	20	100S	200E	U-0143520-A	7050	Federal	GW	P	
4304732051	RBW 7-13E	SWNE	13	100S	190E	U-013765	7050	Federal	GW	P	
4304732070	RBW 16-19F	SESE	19	100S	200E	U-013769-A	7050	Federal	WD	A	
4304732071	RBW 9-22E	NESE	22	100S	190E	U-013792	7050	Federal	GW	P	
4304732072	RBW 15-34B	SWSE	34	090S	190E	U-01773	7050	Federal	GW	P	
4304732073	RBW 11-15E	NESW	15	100S	190E	U-013766	7050	Federal	GW	P	
4304732074	RBW 13-21F	SWSW	21	100S	200E	U-0143520-A	7050	Federal	GW	P	
4304732075	RBW 10-22F	NWSE	22	100S	200E	U-01470-A	7050	Federal	GW	P	
4304732081	RBW 9-20F	NESE	20	100S	200E	U-0143520-A	7050	Federal	GW	P	
4304732082	RBW 15-23E	SWSE	23	100S	190E	U-013766	7050	Federal	GW	P	
4304732083	RBW 13-24E	SWSW	24	100S	190E	U-013794	7050	Federal	GW	P	
4304732095	RBW 3-21E	NENW	21	100S	190E	U-013766	7050	Federal	GW	P	
4304732103	RBW 15-17F	SWSE	17	100S	200E	U-013769-C	7050	Federal	GW	P	
4304732105	RBW 13-19F	SWSW	19	100S	200E	U-013769-A	7050	Federal	GW	P	
4304732107	RBW 1-21E	NENE	21	100S	190E	U-013766	7050	Federal	GW	P	
4304732128	RBW 9-21E	NESE	21	100S	190E	U-013766	7050	Federal	GW	P	
4304732129	RBW 9-17E	NESE	17	100S	190E	U-03505	7050	Federal	GW	P	
4304732133	RBW 13-14F	SWSW	14	100S	200E	U-013793-A	7050	Federal	GW	P	
4304732134	RBW 9-11F	NESE	11	100S	200E	U-7206	7050	Federal	GW	P	
4304732138	RBW 5-21F	SWNW	21	100S	200E	U-013793	7050	Federal	GW	P	
4304732146	RBW 1-20E	NENE	20	100S	190E	U-03505	7050	Federal	GW	P	
4304732149	RBW 8-18F	SENE	18	100S	200E	U-013769	7050	Federal	GW	P	
4304732153	RBW 13-23E	SWSW	23	100S	190E	U-13766	7050	Federal	GW	P	
4304732154	RBW 5-24E	SWNW	24	100S	190E	U-013794	7050	Federal	GW	P	
4304732156	RBW 5-14F	SWNW	14	100S	200E	U-013793A	7050	Federal	GW	P	
4304732166	RBW 7-15E	SWNE	15	100S	190E	U-013766	7050	Federal	GW	P	
4304732167	RBW 15-13E	SWSE	13	100S	190E	U-013765	7050	Federal	GW	P	
4304732189	RBW 13-10F	SWSW	10	100S	200E	14-20-H62-2645	7050	Indian	GW	P	
4304732190	RBW 15-10E	SWSE	10	100S	190E	U-013792	7050	Federal	GW	P	
4304732191	RBW 3-17FX	NENW	17	100S	200E	U-013769-C	7050	Federal	GW	P	
4304732197	RBW 13-15E	SWSW	15	100S	190E	U-013766	7050	Federal	GW	P	
4304732198	RBW 7-22E	SWNE	22	100S	190E	U-013792	7050	Federal	GW	P	
4304732199	RBW 5-23E	SWNW	23	100S	190E	U-013766	7050	Federal	GW	P	
4304732201	RBW 13-18F	SWSW	18	100S	200E	U-013793	7050	Federal	GW	S	
4304732211	RBW 15-15E	SWSE	15	100S	190E	U-013766	7050	Federal	GW	P	

N1095 DOMINION E and P, INC. to N2615 XTO ENERGY, INC.

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api	well name	qtr	qtr	sec	twp	rng	lease num	entity	Lease	well	stat
4304732213	RBU 5-19F	SWNW	19	100S	200E	U-013769-A	7050	Federal	GW	P	
4304732217	RBU 9-17F	NESE	17	100S	200E	U-013769-C	7050	Federal	GW	P	
4304732219	RBU 15-14E	SWSE	14	100S	190E	U-013792	7050	Federal	GW	P	
4304732220	RBU 5-3E	SWNW	03	100S	190E	U-03505	7050	Federal	GW	P	
4304732228	RBU 9-3E	NESE	03	100S	190E	U-035316	7050	Federal	GW	P	
4304732239	RBU 7-14E	SWNE	14	100S	190E	U-103792	7050	Federal	GW	P	
4304732240	RBU 9-14F	NESE	14	100S	200E	U-013793-A	7050	Federal	GW	P	
4304732242	RBU 5-22E	SWNW	22	100S	190E	U-013792	7050	Federal	GW	P	
4304732263	RBU 8-13E	SENE	13	100S	190E	U-013765	7050	Federal	GW	P	
4304732266	RBU 9-21F	NESE	21	100S	200E	U-0143520-A	7050	Federal	GW	P	
4304732267	RBU 5-10F	SWNW	10	100S	200E	U-7206	7050	Federal	GW	P	
4304732268	RBU 9-10F	NESE	10	100S	200E	U-7206	7050	Federal	GW	P	
4304732269	RBU 4-15F	NWNW	15	100S	200E	INDIAN	7050	Indian	GW	PA	
4304732270	RBU 14-22F	SESW	22	100S	200E	U-0143519	7050	Federal	GW	P	
4304732276	RBU 5-21E	SWNW	21	100S	190E	U-013766	7050	Federal	GW	P	
4304732289	RBU 7-10E	SWNE	10	100S	190E	U-013792	7050	Federal	GW	P	
4304732290	RBU 5-17F	SWNW	17	100S	200E	U-013769-C	7050	Federal	GW	P	
4304732293	RBU 3-3E	NENW	03	100S	190E	U-013765	7050	Federal	GW	P	
4304732295	RBU 13-22E	SWSW	22	100S	190E	U-013792	7050	Federal	GW	P	
4304732301	RBU 7-21E	SWNE	21	100S	190E	U-013766	7050	Federal	GW	P	
4304732309	RBU 15-21F	SWSE	21	100S	200E	U-0143520-A	7050	Federal	GW	P	
4304732310	RBU 15-20F	SWSE	20	100S	200E	U-0143520-A	7050	Federal	GW	P	
4304732312	RBU 9-24E	NESE	24	100S	190E	U-013794	7050	Federal	GW	P	
4304732313	RBU 3-20F	NENW	20	100S	200E	U-013793-A	7050	Federal	GW	P	
4304732315	RBU 11-21F	NESW	21	100S	200E	U-0143520-A	7050	Federal	GW	P	
4304732317	RBU 15-22E	SWSE	22	100S	190E	U-013792	7050	Federal	GW	P	
4304732328	RBU 3-19FX	NENW	19	100S	200E	U-013769-A	7050	Federal	GW	P	
4304732331	RBU 2-11F	NWNE	11	100S	200E	U-01790	7050	Federal	GW	P	
4304732347	RBU 3-11F	NENW	11	100S	200E	U-7206	7050	Federal	GW	P	
4304732391	RBU 2-23F	NWNE	23	100S	200E	U-013793-A	7050	Federal	GW	S	
4304732392	RBU 11-14F	NESW	14	100S	200E	U-013793-A	7050	Federal	GW	P	
4304732396	RBU 3-21F	NENW	21	100S	200E	U-013793-A	7050	Federal	GW	P	
4304732407	RBU 15-14F	SWSE	14	100S	200E	U-013793-A	7050	Federal	GW	P	
4304732408	RBU 4-23F	NWNW	23	100S	200E	U-013793-A	7050	Federal	GW	P	
4304732415	RBU 3-10EX (RIG SKID)	NENW	10	100S	190E	UTU-035316	7050	Federal	GW	P	
4304732483	RBU 5-24EO	SWNW	24	100S	190E	U-013794	11719	Federal	OW	S	
4304732512	RBU 8-11F	SENE	11	100S	200E	U-01790	7050	Federal	GW	P	
4304732844	RBU 15-15F	SWSE	15	100S	200E	14-20-H62-2646	7050	Indian	GW	P	
4304732899	RBU 3-14F	NENW	14	100S	200E	U-013793-A	7050	Federal	GW	P	
4304732900	RBU 8-23F	SENE	23	100S	200E	U-013793-A	7050	Federal	GW	P	
4304732901	RBU 12-23F	NWSW	23	100S	200E	U-01470-A	7050	Federal	GW	P	
4304732902	RBU 1-15F	NENE	15	100S	200E	U-7260	7050	Federal	GW	S	
4304732903	RBU 3-15F	NENW	15	100S	200E	U-7260	7050	Federal	GW	P	
4304732904	RBU 9-15F	NESE	15	100S	200E	U-7260	7050	Federal	GW	P	
4304732934	RBU 3-10F	NENW	10	100S	200E	U-7206	7050	Federal	GW	P	
4304732969	RBU 11-10F	NESW	10	100S	200E	U-7206	7050	Federal	GW	P	

N1095 DOMINION E and P, INC. to N2615 XTO ENERGY, INC.

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api	well_name	qtr_qtr	sec	tpw	rng	lease_num	entity	Lease	well	stat
4304732970	RBW 12-15F	NWSW	15	100S	200E	U-7206	7050	Federal	GW	P
4304732971	RBW 15-16F	SWSE	16	100S	200E	U-7206	7050	Federal	GW	S
4304732972	RBW 1-21F	NENE	21	100S	200E	U-013793-A	7050	Federal	GW	P
4304732989	RBW 13-10E	SWSW	10	100S	190E	U-013792	7050	Federal	GW	P
4304732990	RBW 13-18F2	SWSW	18	100S	200E	U-013793	7050	Federal	GW	P
4304732991	RBW 6-19F	SEW	19	100S	200E	U-013769-A	7050	Federal	GW	P
4304733033	RBW 7-23E	NWNE	23	100S	190E	U-013766	7050	Federal	GW	P
4304733034	RBW 9-18F	NESE	18	100S	200E	U-013794	7050	Federal	GW	P
4304733035	RBW 14-19F	SEW	19	100S	200E	U-013769-A	7050	Federal	GW	P
4304733087	RBW 6-23F	SEW	23	100S	200E	U-013793-A	7050	Federal	GW	P
4304733088	RBW 1-10F	NENE	10	100S	200E	U-7206	7050	Federal	GW	P
4304733089	RBW 8-22F	SENE	22	100S	200E	U-0143521	7050	Federal	GW	P
4304733090	RBW 11-22F	NESW	22	100S	200E	U-0143519	7050	Federal	GW	P
4304733091	RBW 16-22F	SESE	22	100S	200E	U-01470-A	7050	Federal	GW	P
4304733156	RBW 4-14E	NWNW	14	100S	190E	U-013792	7050	Federal	GW	P
4304733157	RBW 7-19F	SWNE	19	100S	200E	U-013769-A	7050	Federal	GW	P
4304733158	RBW 7-20F	SWNE	20	100S	200E	U-013793-A	7050	Federal	GW	P
4304733159	RBW 7-24E	SWNE	24	100S	190E	U-013794	7050	Federal	GW	P
4304733160	RBW 8-15E	SENE	15	100S	190E	U-013766	7050	Federal	GW	P
4304733161	RBW 16-10E	SESE	10	100S	190E	U-013792	7050	Federal	GW	P
4304733194	RBW 2-14E	NWNE	14	100S	190E	U-013792	7050	Federal	GW	P
4304733272	RBW 13-3F	SWSW	03	100S	200E	U-013767	7050	Federal	GW	P
4304733361	RBW 5-3F	SWNW	03	100S	200E	U-013767	7050	Federal	GW	P
4304733362	RBW 15-10F	SWSE	10	100S	200E	U-7206	7050	Federal	GW	P
4304733363	RBW 5-16F	SWNW	16	100S	200E	U-7206	7050	Federal	GW	P
4304733365	RBW 12-14E	NWSW	14	100S	190E	U-013792	7050	Federal	GW	P
4304733366	RBW 5-18F	SWNW	18	100S	200E	U-013769	7050	Federal	GW	P
4304733367	RBW 10-23F	NWSE	23	100S	200E	U-01470-A	7050	Federal	GW	P
4304733368	RBW 14-23F	SEW	23	100S	200E	U-01470-A	7050	Federal	GW	S
4304733424	RBW 5-20F	SWNW	20	100S	200E	U-013793-A	7050	Federal	GW	P
4304733643	RBW 2-13E	NWNE	13	100S	190E	U-013765	7050	Federal	GW	P
4304733644	RBW 4-13E	NWNW	13	100S	190E	U-013765	7050	Federal	GW	P
4304733714	RBW 4-23E	NWNW	23	100S	190E	U-013766	7050	Federal	GW	P
4304733715	RBW 6-13E	SEW	13	100S	190E	U-013765	7050	Federal	GW	P
4304733716	RBW 10-14E	NWSE	14	100S	190E	U-013792	7050	Federal	GW	P
4304733838	RBW 8-10E	SENE	10	100S	190E	U-013792	7050	Federal	GW	P
4304733839	RBW 12-23E	NWSW	23	100S	190E	U-013766	7050	Federal	GW	P
4304733840	RBW 12-24E	NWSW	24	100S	190E	U-013794	7050	Federal	GW	P
4304733841	RBW 14-23E	SEW	23	100S	190E	U-013766	7050	Federal	GW	P
4304734302	RBW 1-23F	NENE	23	100S	200E	UTU-013793-A	7050	Federal	GW	P
4304734661	RBW 16-15E	SESE	15	100S	190E	U-013766	7050	Federal	GW	P
4304734662	RBW 10-14F	NWSE	14	100S	200E	U-013793-A	7050	Federal	GW	P
4304734663	RBW 6-14E	SEW	14	100S	190E	U-013792	7050	Federal	GW	P
4304734670	RBW 8-23E	NENE	23	100S	190E	U-013766	7050	Federal	GW	P
4304734671	RBW 4-24E	NENE	23	100S	190E	U-013766	7050	Federal	GW	P
4304734701	RBW 12-11F	SEW	11	100S	200E	U-7206	7050	Federal	GW	P

N1095 DOMINION E and P, INC. to N2615 XTO ENERGY, INC.

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api	well_name	qtr_qtr	sec	tpw	rng	lease_num	entity	Lease	well	stat
4304734702	RBU 2-15E	NWNE	15	100S	190E	U-013766	7050	Federal	GW	P
4304734703	RBU 4-17F	NWNW	17	100S	200E	U-013769-C	7050	Federal	GW	P
4304734745	RBU 10-20F	NESE	20	100S	200E	U-0143520-A	7050	Federal	GW	P
4304734749	RBU 7-18F	SWNE	18	100S	200E	U-013769	7050	Federal	GW	P
4304734750	RBU 12-10F	SWSW	10	100S	200E	14-20-H62-2645	7050	Indian	GW	P
4304734810	RBU 10-13E	NWSE	13	100S	190E	U-013765	7050	Federal	GW	P
4304734812	RBU 1-24E	NENE	24	100S	190E	U-013794	7050	Federal	GW	P
4304734826	RBU 12-21F	NESE	20	100S	200E	U-0143520-A	7050	Federal	GW	P
4304734828	RBU 4-15E	NWNW	15	100S	190E	U-013766	7050	Federal	GW	P
4304734844	RBU 14-14E	SESW	14	100S	190E	U-013792	7050	Federal	GW	P
4304734845	RBU 10-24E	NWSE	24	100S	190E	U-013794	7050	Federal	GW	P
4304734888	RBU 4-21E	NWNW	21	100S	190E	U-013766	7050	Federal	GW	P
4304734889	RBU 16-24E	SESE	24	100S	190E	U-13794	7050	Federal	GW	P
4304734890	RBU 12-18F2	NWSW	18	100S	200E	U-013793	7050	Federal	GW	P
4304734891	RBU 10-23E	NESW	23	100S	190E	U-013766	7050	Federal	GW	P
4304734892	RBU 8-22E	SENE	22	100S	190E	U-013792	7050	Federal	GW	P
4304734906	RBU 6-22E	SENW	22	100S	190E	U-013792	7050	Federal	GW	P
4304734907	RBU 2-24E	NWNE	24	100S	190E	U-013794	7050	Federal	GW	P
4304734910	RBU 4-16F	NWNW	16	100S	200E	U-7206	7050	Federal	GW	P
4304734911	RBU 12-19F	NWSW	19	100S	200E	U-013769-A	7050	Federal	GW	P
4304734912	RBU 14-20F	SESW	20	100S	200E	U-0143520-A	7050	Federal	GW	P
4304734942	RBU 1-22F	NWNW	23	100S	200E	U-013793-A	7050	Federal	GW	P
4304734945	RBU 8-19F	SENE	19	100S	200E	U-013769-A	7050	Federal	GW	P
4304734946	RBU 8-20F	SENE	20	100S	200E	U-013793-A	7050	Federal	GW	P
4304734962	RBU 12-17F	NWSW	17	100S	200E	U-013769-C	7050	Federal	GW	P
4304734963	RBU 2-17F	NWNE	17	100S	200E	U-013769-C	14117	Federal	GW	P
4304734966	RBU 14-18F	SESW	18	100S	200E	U-013793	7050	Federal	GW	P
4304734967	RBU 10-18F	NWSE	18	100S	200E	U-013794	7050	Federal	GW	P
4304734968	RBU 10-19F	NWSE	19	100S	200E	U-013769-A	7050	Federal	GW	P
4304734969	RBU 10-3E	NWSE	03	100S	190E	U-035316	7050	Federal	GW	P
4304734970	RBU 12-3E	NWSW	03	100S	190E	U-013765	7050	Federal	GW	P
4304734971	RBU 15-3E	SWSE	03	100S	190E	U-35316	7050	Federal	GW	P
4304734974	RBU 12-10E	NWSW	10	100S	190E	U-013792	14025	Federal	GW	P
4304734975	RBU 14-10E	NENW	15	100S	190E	U-013766	7050	Federal	GW	P
4304734976	RBU 16-13E	SESE	13	100S	190E	U-013765	7050	Federal	GW	P
4304734977	RBU 8-14E	SENE	14	100S	190E	U-013792	7050	Federal	GW	P
4304734978	RBU 6-15E	SENW	15	100S	190E	U-013766	7050	Federal	GW	P
4304734979	RBU 12-15E	NWSW	15	100S	190E	U-013766	7050	Federal	GW	P
4304734981	RBU 16-17E	SESE	17	100S	190E	U-013766	7050	Federal	GW	P
4304734982	RBU 8-21E	SENE	21	100S	190E	U-013766	7050	Federal	GW	P
4304734983	RBU 4-22E	NWNW	22	100S	190E	U-013792	7050	Federal	GW	P
4304734986	RBU 2-20F	NWNE	20	100S	200E	U-03505	7050	Federal	GW	P
4304734987	RBU 9-20E	SWNW	21	100S	190E	U-03505	7050	Federal	GW	P
4304734989	RBU 7-20E	NENE	20	100S	190E	U-03505	7050	Federal	GW	P
4304734990	RBU 8-20E	SWNW	21	100S	190E	U-03505	14164	Federal	GW	P
4304735041	RBU 16-23E	SWSE	23	100S	190E	U-013766	7050	Federal	GW	P

N1095 DOMINION E and P, INC. to N2615 XTO ENERGY, INC.

RIVER BEND UNIT

api	well_name	qtr_qtr	sec	tpw	rng	lease_num	entity	Lease	well	stat
4304735042	RBW 12-22E	NWSW	22	100S	190E	U-013792	14165	Federal	GW	P
4304735058	RBW 7-23F	SWNE	23	100S	200E	U-013793-A	7050	Federal	GW	P
4304735059	RBW 12-13E	NWSW	13	100S	190E	U-013765	7050	Federal	GW	P
4304735060	RBW 14-13E	SESW	13	100S	190E	U-013765	7050	Federal	GW	P
4304735061	RBW 2-22E	NWNE	22	100S	190E	U-013792	7050	Federal	GW	P
4304735062	RBW 6-24E	SESW	24	100S	190E	U-013794	7050	Federal	GW	P
4304735082	RBW 4-17E	NWNW	17	100S	190E	U-03505	7050	Federal	GW	P
4304735086	RBW 16-14E	NENE	23	100S	190E	U-013792	7050	Federal	GW	P
4304735087	RBW 2-3E	NWNE	03	100S	190E	U-013765	7050	Federal	GW	P
4304735088	RBW 6-3E	SESW	03	100S	190E	U-03505	7050	Federal	GW	P
4304735100	RBW 10-10E	NWSE	10	100S	190E	U-013792	7050	Federal	GW	P
4304735101	RBW 16-22E	SESE	22	100S	190E	U-013792	7050	Federal	GW	P
4304735112	RBW 14-24E	SESW	24	100S	190E	U-013794	7050	Federal	GW	P
4304735129	RBW 6-21F	SESW	21	100S	200E	U-013793-A	7050	Federal	GW	P
4304735170	RBW 1-9E	NESE	09	100S	190E	U-03505	7050	Federal	GW	P
4304735171	RBW 16-9E	NESE	09	100S	190E	U-013765	7050	Federal	GW	P
4304735232	RBW 14-21F	SESW	21	100S	200E	U-0143520	7050	Federal	GW	P
4304735250	RBW 13-19F2	NWSW	19	100S	200E	U-013769-A	7050	Federal	GW	P
4304735251	RBW 15-19F	SWSE	19	100S	200E	U-013769-A	7050	Federal	GW	P
4304735270	RBW 16-21E	SESE	21	100S	190E	U-013766	7050	Federal	GW	P
4304735304	RBW 13-20F	SWSW	20	100S	200E	U-013769	7050	Federal	GW	P
4304735305	RBW 4-21F	NWNW	21	100S	200E	U-013793-A	7050	Federal	GW	P
4304735306	RBW 16-21F	SESE	21	100S	200E	U-0143520-A	7050	Federal	GW	P
4304735468	RBW 15-22F	SWSE	22	100S	200E	U-01470-A	7050	Federal	GW	P
4304735469	RBW 11-23F	SESW	23	100S	200E	U-01470A	7050	Federal	GW	P
4304735549	RBW 1-14F	NENE	14	100S	200E	UTU-013793-A	7050	Federal	GW	P
4304735640	RBW 2-21E	NWNE	21	100S	190E	U-013766	7050	Federal	GW	P
4304735644	RBW 10-17E	NWSE	17	100S	190E	U-013766	7050	Federal	GW	P
4304735645	RBW 12-21E	NWSW	21	100S	190E	U-013766	7050	Federal	GW	P
4304736200	RBW 8-17E	SWNE	17	100S	190E	U-013766	7050	Federal	GW	P
4304736201	RBW 15-17EX	SWSE	17	100S	190E	U-013766	7050	Federal	GW	P
4304736293	RBW 2-10E	NWNE	10	100S	190E	U-013792	7050	Federal	GW	P
4304736294	RBW 6-10E	NENW	10	100S	190E	U-013792	7050	Federal	GW	P
4304736296	RBW 6-21E	SESW	21	100S	190E	U-013766	7050	Federal	GW	P
4304736297	RBW 10-22E	NWSE	22	100S	190E	U-013792	7050	Federal	GW	P
4304736318	RBW 14-22E	SESW	22	100S	190E	U-013792	7050	Federal	GW	P
4304736427	RBW 9-15E	NESE	15	100S	190E	U-013766	7050	Federal	GW	DRL
4304736428	RBW 2-17E	NWNE	17	100S	190E	U-013766	7050	Federal	GW	P
4304736429	RBW 1-17E	NENE	17	100S	190E	U-013766	7050	Federal	GW	DRL
4304736432	RBW 3-19F2	NWNW	19	100S	200E	U-013769-A	15234	Federal	GW	P
4304736433	RBW 14-17F	SESW	17	100S	200E	U-03505	7050	Federal	GW	P
4304736434	RBW 2-19F	NWNE	19	100S	200E	U-013769-A	7050	Federal	GW	P
4304736435	RBW 5-19FX	SWNW	19	100S	200E	U-013769-A	15855	Federal	GW	P
4304736436	RBW 4-20F	NWNW	20	100S	200E	U-013793-A	7050	Federal	GW	P
4304736605	RBW 16-14F	SESE	14	100S	200E	U-013793A	7050	Federal	GW	P
4304736608	RBW 4-3E	NWNW	03	100S	190E	U-035316	7050	Federal	GW	P

N1095 DOMINION E and P, INC. to N2615 XTO ENERGY, INC.

RIVER BEND UNIT

api	well name	qtr	qtr	sec	twp	rng	lease num	entity	Lease	well	stat
4304736609	RBU 8-3E	SENE	03	100S	190E	U-013765	7050	Federal	GW	P	
4304736610	RBU 14-3E	SESW	03	100S	190E	U-013765	7050	Federal	GW	P	
4304736686	RBU 13-3E	NWSW	03	100S	190E	U-013765	15235	Federal	GW	P	
4304736810	RBU 1-3E	NENE	03	100S	190E	U-013765	7050	Federal	GW	DRL	
4304736850	RBU 2-10F	NWNE	10	100S	200E	U-7206	7050	Federal	GW	P	
4304736851	RBU 8-21F	SENE	21	100S	200E	U-013793-A	7050	Federal	GW	P	
4304737033	RBU 4-10E	SWNW	10	100S	190E	U-035316	7050	Federal	GW	P	
4304737057	RBU 11-17E	NWSE	17	100S	190E	U-03505	7050	Federal	GW	DRL	
4304737058	RBU 3-17E	NENW	17	100S	190E	U-03505	7050	Federal	GW	P	
4304737201	RBU 3-23F	NENW	23	100S	200E	U-013793-A	7050	Federal	OW	P	
4304737341	RBU 11-20F	NESW	20	100S	200E	U-0143520-A	7050	Federal	GW	P	
4304737342	RBU 5-15F	SWNW	15	100S	200E	U-7206	7050	Federal	OW	P	
4304737343	RBU 10-16F	NWSE	16	100S	200E	U-7206	7050	Federal	OW	P	
4304737344	RBU 9-16F	NESE	16	100S	200E	U-7206	7050	Federal	OW	S	
4304737450	RBU 14-17E	SESW	17	100S	190E	U-03505	7050	Federal	GW	P	
4304737747	RBU 15-9E	NWNE	16	100S	190E	U-013765	7050	Federal	GW	DRL	
4304737893	RBU 9-4EA	SENE	04	100S	190E	U-03505	7050	Federal	GW	P	
4304737998	RBU 13-23F	SWSW	23	100S	200E	U-01470-A	7050	Federal	GW	P	
4304738181	RBU 12-4E	SWNW	04	100S	190E	U-03576	99999	Federal	GW	DRL	
4304738182	RBU 11-4E	SE/4	04	100S	190E	U-03505	99999	Federal	GW	DRL	
4304738294	RBU 2-4E	NWNE	04	100S	190E	U-013792	7050	Federal	GW	DRL	
4304738295	RBU 5-4E	SWNW	04	100S	190E	U-03576	99999	Federal	GW	DRL	
4304738543	RBU 28-18F	NESE	13	100S	190E	U 013793-A	7050	Federal	GW	DRL	
4304738548	RBU 32-13E	NESE	13	100S	190E	U-013765	7050	Federal	GW	DRL	
4304738555	RBU 27-18F	SWSW	18	100S	200E	U-013793	7050	Federal	GW	DRL	
4304738556	RBU 27-18F2	SWSW	18	100S	200E	U-013793	7050	Federal	GW	DRL	
4304738557	RBU 30-18F	SWSW	18	100S	200E	U-013793	7050	Federal	GW	P	
4304738558	RBU 29-18F	SWSW	18	100S	200E	U-013793	7050	Federal	GW	DRL	
4304738595	RBU 31-10E	NENE	15	100S	190E	U-013792	7050	Federal	GW	DRL	
4304738596	RBU 17-15E	NENE	15	100S	190E	U-013766	7050	Federal	GW	DRL	
4304738780	RBU 8B-17E	SENE	17	100S	190E	U-013766	7050	Federal	GW	DRL	

N1095 DOMINION E and P, INC. to N2615 XTO ENERGY, INC.

RIVER BEND UNIT

api	well_name	qtr_qtr	sec	twp	rng	lease_num	entity	Lease	well	stat
4304730153	NATURAL 1-2	SEnw	02	100S	200E	ML-10716	11377	State	OW	PA
4304730260	RBU 11-16E	NEsw	16	100S	190E	ML-13214	7050	State	GW	S
4304730583	RBU 11-36B	NEsw	36	090S	190E	ML-22541	99998	State	NA	PA
4304730608	RBU 8-16D	SEne	16	100S	180E	ML-13216	99998	State	NA	PA
4304730760	RBU 11-2F	NEsw	02	100S	200E	ML-10716	9966	State	OW	S
4304731740	RBU 1-16E	NEne	16	100S	190E	ML-13214	7050	State	GW	P
4304732026	RBU 16-2F	SEse	02	100S	200E	ML-10716	7050	State	GW	P
4304732042	RBU 9-16E	NEse	16	100S	190E	ML-13214	7050	State	GW	P
4304732108	RBU 14-2F	SEsw	02	100S	200E	ML-10716	7050	State	GW	P
4304732136	RBU 8-2F	SEne	02	100S	200E	ML-10716	7050	State	GW	P
4304732137	RBU 5-16E	SWnw	16	100S	190E	ML-13214	7050	State	GW	P
4304732245	RBU 7-16E	SWne	16	100S	190E	ML-13214	7050	State	GW	PA
4304732250	RBU 13-16E	SWsw	16	100S	190E	ML-13214	7050	State	GW	S
4304732292	RBU 15-16E	SWse	16	100S	190E	ML-13214	7050	State	GW	PA
4304732314	RBU 10-2F	NWse	02	100S	200E	ML-10716	7050	State	GW	P
4304732352	RBU 3-16F	NEnw	16	100S	200E	ML-3393-A	7050	State	GW	P
4304733360	RBU 1-16F	NEne	16	100S	200E	ML-3393	7050	State	GW	P
4304734061	RBU 6-16E	SWne	16	100S	190E	ML-13214	7050	State	GW	P
4304734167	RBU 1-2F	NEne	02	100S	200E	ML-10716		State	GW	LA
4304734315	STATE 11-2D	NEsw	02	100S	180E	ML-26968		State	GW	LA
4304734903	RBU 14-16E	SWsw	16	100S	190E	ML-13214	7050	State	D	PA
4304735020	RBU 8-16E	SEne	16	100S	190E	ML-13214	7050	State	GW	P
4304735021	RBU 10-16E	SWse	16	100S	190E	ML-13214	7050	State	GW	P
4304735022	RBU 12-16E	NEsw	16	100S	190E	ML-13214	7050	State	GW	P
4304735023	RBU 16-16E	SWsw	15	100S	190E	ML-13214	7050	State	GW	P
4304735033	RBU 2-16E	NWne	16	100S	190E	ML-13214	7050	State	GW	P
4304735081	RBU 15-2F	SWse	02	100S	200E	ML-10716	7050	State	GW	P
4304735348	RBU 13-16F	NWNw	21	100S	200E	ML-3394	7050	State	GW	DRL
4304736169	RBU 4-16E	NEnw	16	100S	190E	ML-13214	7050	State	GW	P
4304736170	RBU 3-16E	NEnw	16	100S	190E	ML-13214	7050	State	GW	P



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

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



IN REPLY REFER TO  
3180  
UT-922

Dominion Exploration & Production, Inc.  
Attn: James D. Abercrombie  
14000 Quail Springs Parkway, #600  
Oklahoma City, OK 73134-2600

August 10, 2007

Re: River Bend Unit  
Uintah County, Utah

Gentlemen:

On August 8, 2007, we received an indenture dated June 30, 2007, whereby Dominion Exploration & Production, Inc. resigned as Unit Operator and XTO Energy Inc. was designated as Successor Unit Operator for the River Bend Unit, Uintah County, Utah.

This indenture was executed by all required parties and the signatory parties have complied with Sections 5 and 6 of the unit agreement. The instrument is hereby approved effective August 15, 2007. In approving this designation, the Authorized Officer neither warrants nor certifies that the designated party has obtained all required approval that would entitle it to conduct operations under the River Bend Unit Agreement.

Your statewide oil and gas bond No. UTB000138 will be used to cover all operations within the River Bend Unit.

It is requested that you notify all interested parties of the change in unit operator. Copies of the approved instruments are being distributed to the appropriate federal offices, with one copy returned herewith.

Sincerely,

*/s/ Greg J. Noble*

Greg J. Noble  
Acting Chief, Branch of Fluid Minerals

Enclosure

RECEIVED  
AUG 16 2007  
DIV. OF OIL, GAS & MINING

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

FORM 9

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>		5. LEASE DESIGNATION AND SERIAL NUMBER: U-3505
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:
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER: _____		7. UNIT or CA AGREEMENT NAME: RIVERBEND UNIT
2. NAME OF OPERATOR: XTO ENERGY INC.		8. WELL NAME and NUMBER: RBU 11-17E
3. ADDRESS OF OPERATOR: 382 CR 3100 CITY AZTEC STATE NM ZIP 87410		9. API NUMBER: 4304737057
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1991' FSL & 2275' FEL COUNTY: UINTAH QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWSE 17 10S 19E STATE: UTAH		10. FIELD AND POOL, OR WILDCAT: WSTCH MVRD

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>12/15/2007</u>	<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/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"/> TEMPORARILY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUT-OFF <input checked="" type="checkbox"/> OTHER: <u>CHG. CSG.CMT DESIGN</u>
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only)  Date of work completion: _____			

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

XTO Energy Inc. proposes to change the casing/cement design per attached.

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

NAME (PLEASE PRINT) <u>HOLLY C. PERKINS</u>	TITLE <u>REGULATORY COMPLIANCE TECH</u>
SIGNATURE <u>Holly C. Perkins</u>	DATE <u>12/13/2007</u>

(This space for State use only)

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

# XTO ENERGY INC.

RBV 11-17E

APD Data

October 31, 2007

Location: 1991' FSL & 2275' FEL, Sec. 17, T10S, R19E County: Uintah

State: Utah

Bottomhole Location: 1500' FSL & 2100' FWL, Sec. 17, T10S, R19E

GREATEST PROJECTED TD: 8815' MD/8650' TVD  
APPROX GR ELEV: 5052'

OBJECTIVE: Wasatch/Mesaverde  
Est KB ELEV: 5066' (14' AGL)

## 1. MUD PROGRAM:

INTERVAL	0' to 500'	500' to 4400'	4400' to 8815'
HOLE SIZE	17.5"	12.25"	7.875"
MUD TYPE	FW/Spud Mud	FW/Polymer	KCl Based LSND / Gel Chemical
WEIGHT	8.4	8.4-8.8	8.6-9.20
VISCOSITY	NC	28-40	30-60
WATER LOSS	NC	NC	8-15

Remarks: Use fibrous materials as needed to control seepage and lost circulation. Pump high viscosity sweeps as needed for hole cleaning. Raise viscosity at TD for logging. Reduce viscosity after logging for cementing purposes. The mud system will be monitored visually/manually.

## 2. CASING PROGRAM:

Surface Casing: 13.375" casing set at  $\pm 500'$  in a 17.5" hole filled with 8.4 ppg mud

Interval	Length	Wt	Gr	Cplg	Coll Rating (psi)	Burst Rating (psi)	Jt Str (M-lbs)	ID (in)	Drift (in)	SF Coll	SF Burst	SF Ten
0'-500'	500'	48#	H-40	ST&C	770	7.56	322	12.715	12.56	3.37	7.56	13.42

Intermediate Casing: 9.625" casing set at  $\pm 4400'$  MD/4233' TVD in a 12.25" hole filled with 8.8 ppg mud

Interval	Length	Wt	Gr	Cplg	Coll Rating (psi)	Burst Rating (psi)	Jt Str (M-lbs)	ID (in)	Drift (in)	SF Coll	SF Burst	SF Ten
0'-4400'	4400'	36#	J-55	ST&C	2020	3520	394	8.921	8.765	1.33	2.33	2.49

Collapse and burst loads calculated at TVD with 0.1 psi/ft gas gradient back up.

Production Casing: 5.5" casing set at  $\pm 8815'$  MD/8650' TVD in a 7.875" hole filled with 9.2 ppg mud.

Interval	Length	Wt	Gr	Cplg	Coll Rating (psi)	Burst Rating (psi)	Jt Str (M-lbs)	ID (in)	Drift (in)	SF Coll	SF Burst	SF Ten
0'-8815'	8815'	17#	N-80	LT&C	6280	7740	348	4.892	4.767	1.92	2.36	2.32

Collapse and burst loads calculated at TVD with 0.1 psi/ft gas gradient back up.

## 3. WELLHEAD:

- A. Casing Head: Larkin Fig 92 (or equivalent), 13" nominal, 2,000 psig WP (4,000 psig test) with 13-3/8" weld on bottom and an 11" flange on top.
- B. Tubing Head: Larkin Fig 612 (or equivalent), 7-1/16" nominal, 5,000 psig WP, 5-1/2" 8rnd female thread on bottom (or slip-on, weld-on), with a 2-1/16" 5M flange on top.

## 4. CEMENT PROGRAM:

- A. Surface: 13.375", 48#, H-40, ST&C casing to be set at  $\pm 500'$  in 17.5" hole.

±337 sx of Type V cement (or equivalent) typically containing accelerator and LCM.

*Total estimated slurry volume for the 13.375" surface casing is 646.3 ft<sup>3</sup>. Slurry includes 67% excess of calculated open hole annular volume to 500'.*

B. Intermediate: 9.625", 36#, J-55 (or equiv.), ST&C casing to be set at ±4400' in 12.25" hole.

LEAD:

±504 sx of Premium Plus V Blend. (Type V/Poz/Gel) or equivalent, with dispersant, fluid loss, accelerator, & LCM mixed at 11.0 ppg, 3.82 ft<sup>3</sup>/sk, 22.95 gal wtr/sx.

TAIL:

350 sx Class G or equivalent cement with bonding additive, LCM, dispersant, & fluid loss mixed at 15.6 ppg, 1.2 cuft/sx

*Total estimated slurry volume for the 9.625" intermediate casing is 2345 ft<sup>3</sup>. Slurry includes 75% excess of calculated open hole annular volume to 4400'.*

C. Production: 5.5", 17#, N-80 (or equiv.), LT&C casing to be set at ±8815' in 7.875" hole.

LEAD:

±103 sx of Premium Plus V Blend. (Type V/Poz/Gel) or equivalent, with dispersant, fluid loss, accelerator, & LCM mixed at 11.6 ppg, 3.12 ft<sup>3</sup>/sk, 17.71 gal wtr/sx.

TAIL:

400 sx Class G or equivalent cement with poz, bonding additive, LCM, dispersant, & fluid loss mixed at 13.0 ppg, 1.75 cuft/sx, 9.09 gal/sx.

*Total estimated slurry volume for the 5.5" production casing is 1020 ft<sup>3</sup>. Slurry includes 15% excess of calculated open hole annular volume.*

*Note: The slurry design may change slightly based upon actual conditions. Final cement volumes will be determined from the caliper logs plus 15% or greater excess. The cement is designed to circulate on surface and intermediate casing strings. The production casing is designed for 3900' top of cement.*

5. LOGGING PROGRAM:

- A. Mud Logger: The mud logger will come on at intermediate casing point and will remain on the hole until TD. The mud will be logged in 10' intervals.
- B. Open Hole Logs as follows: Run Array Induction/SFL/GR/SP ft/TD (8815') to the bottom of the intermediate csg. Run Neutron/Lithodensity/Pe/GR/Cal from TD (8815') to 4400'.

6. FORMATION TOPS:

Please see attached directional plan.

7. **ANTICIPATED OIL, GAS, & WATER ZONES:**

A.

Formation	Expected Fluids	TV Depth Top
Wasatch Tongue	Oil/Gas/Water	
Green River Tongue	Oil/Gas/Water	
Wasatch	Gas/Water	
Chapita Wells	Gas/Water	
Uteland Buttes	Gas/Water	
Mesaverde	Gas/Water	

- A. Appropriately weighted mud will be used to isolate potential gas, oil, and water zones until such time as casing can be cemented into place for zonal isolation.
- B. There are no known potential sources of H<sub>2</sub>S.
- C. The bottomhole pressure is anticipated to be between 4200 psi and 4600 psi.

8. **BOP EQUIPMENT:**

Surface will not utilize a bop stack.

Intermediate hole will be drilled using a diverter stack with rotating head rated at 250 psi.

Production hole will be drilled with a 3000 psi BOP stack.

Minimum specifications for pressure control equipment are as follows:

Ram Type: 11" Hydraulic double ram with annular, 3000 psi w.p.

Ram type preventers and associated equipment shall be tested to stack working pressure if isolated by test plug or to 70% of internal yield pressure of casing. Pressure shall be maintained for at least 10 minutes or until requirements of test are met, whichever is longer. If a test plug is utilized, no bleed-off pressure is acceptable. For a test not utilizing a test plug, if a decline in pressure of more than 10% in 30 minutes occurs, the test shall be considered to have failed. Valve on casing head below test plug shall be open during test of BOP stack.

Annular type preventers (if used) shall be tested to 50% of rated working pressure. Pressure shall be maintained at least 10 minutes or until provisions of test are met, whichever is longer.

As a minimum, the above test shall be performed:

- a. when initially installed:
- b. whenever any seal subject to test pressure is broken
- c. following related repairs: and
- d. at 30 day intervals

Valves shall be tested from working pressure side during BOPE tests with all down stream valves open.

When testing the kill line valve(s) shall be held open or the ball removed.

Annular preventers (if used) shall be functionally operated at least weekly.

Pipe and blind rams shall be activated each trip, however, this function need not be performed more than once a day.

A BOPE pit level drill shall be conducted weekly for each drilling crew.

The BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No.2 for equipment and testing requirements, procedures, etc., and individual components shall be operable as designed. Chart recorders shall be used for all pressure tests. Pressure tests shall apply to all related well control equipment.

BOP systems shall be consistent with API RP53. Pressure tests will be conducted before drilling out from under casing strings which have been set and cemented in place. Test pressures for BOP equipment are as follows:

- Annular BOP -- 1500 psi
- Ram type BOP -- 3000 psi
- Kill line valves -- 3000 psi
- Choke line valves and choke manifold valves -- 3000 psi
- Chokes -- 3000 psi
- Casing, casinghead & weld -- 1500 psi
- Upper kelly cock and safety valve -- 3000 psi
- Dart valve -- 3000 psi

Blowout preventer controls will be installed prior to drilling the surface casing plug and will remain in use until the well is completed or abandoned. Preventers will be inspected and operated at least daily to ensure good mechanical working order, and this inspection will be recorded on the daily drilling report. Preventers will be pressure tested before drilling casing cement plugs.

The BLM in Vernal, UT shall be notified, at least 24 hours prior to initiating the pressure test, in order to have a BLM representative on location during pressure testing.

- a. The size and rating of the BOP stack is shown on the attached diagram.
- b. A choke line and a kill line are to be properly installed.
- c. The accumulator system shall have a pressure capacity to provide for repeated operation of hydraulic preventers.
- d. Drill string safety valve(s), to fit all tools in the drill string, are to be maintained on the rig floor while drilling operations are in progress.
- e. See attached BOP & Choke manifold diagrams.

9. **COMPANY PERSONNEL:**

<u>Name</u>	<u>Title</u>	<u>Office Phone</u>	<u>Home Phone</u>
John Egelston	Drilling Engineer	505-333-3163	505-330-6902
Bobby Jackson	Drilling Superintendent	505-333-3224	505-486-4706
Glen Christiansen	Project Geologist	817-885-2800	

# **XTO Energy**

Natural Buttes Wells(NAD83)

RBU 11-17E

RBU 11-17E

RBU 11-17E

Plan: Revised Wellbore

## **Standard Planning Report**

31 October, 2007

**XTO Energy, Inc.**  
Planning Report

<b>Database:</b>	EDM 2003.14 Single User Db	<b>Local Co-ordinate Reference:</b>	Well RBU 11-17E
<b>Company:</b>	XTO Energy	<b>TVD Reference:</b>	Rig KB @ 5066.0ft (Frontier #6)
<b>Project:</b>	Natural Buttes Wells(NAD83)	<b>MD Reference:</b>	Rig KB @ 5066.0ft (Frontier #6)
<b>Site:</b>	RBU 11-17E	<b>North Reference:</b>	True
<b>Well:</b>	RBU 11-17E	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	RBU 11-17E		
<b>Design:</b>	Revised Wellbore		

<b>Project</b>	Natural Buttes Wells(NAD83), Vernal, UT		
<b>Map System:</b>	US State Plane 1983	<b>System Datum:</b>	Mean Sea Level
<b>Geo Datum:</b>	North American Datum 1983		Using Well Reference Point
<b>Map Zone:</b>	Utah Northern Zone		

**Site** RBU 11-17E, T10S, R19E

<b>Site Position:</b>		<b>Northing:</b>	3,144,105.76 ft	<b>Latitude:</b>	39° 56' 43.250 N
<b>From:</b>	Lat/Long	<b>Easting:</b>	2,115,656.32 ft	<b>Longitude:</b>	109° 48' 19.110 W
<b>Position Uncertainty:</b>	0.0 ft	<b>Slot Radius:</b>	"	<b>Grid Convergence:</b>	1.12 °

**Well** RBU 11-17E, S-Well to Wasatch/Mesaverde

<b>Well Position</b>	+N-S	0.0 ft	<b>Northing:</b>	3,144,105.76 ft	<b>Latitude:</b>	39° 56' 43.250 N
	+E-W	0.0 ft	<b>Easting:</b>	2,115,656.32 ft	<b>Longitude:</b>	109° 48' 19.110 W
<b>Position Uncertainty</b>		0.0 ft	<b>Wellhead Elevation:</b>	5,052.0 ft	<b>Ground Level:</b>	5,052.0 ft

**Wellbore** RBU 11-17E

<b>Magnetics</b>	<b>Model Name</b>	<b>Sample Date</b>	<b>Declination (°)</b>	<b>Dip Angle (°)</b>	<b>Field Strength (nT)</b>
	IGRF200510	10/31/2007	11.64	65.86	52,637

**Design** Revised Wellbore

**Audit Notes:**

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

<b>Vertical Section:</b>	<b>Depth From (TVD) (ft)</b>	<b>+N-S (ft)</b>	<b>+E-W (ft)</b>	<b>Direction (°)</b>
	0.0	0.0	0.0	241.75

**Plan Sections**

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N-S (ft)	+E-W (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	TFO (°)	Target
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00	0.00	
560.0	0.00	0.00	560.0	0.0	0.0	0.00	0.00	0.00	0.00	
1,205.0	19.35	241.75	1,192.8	-51.1	-95.0	3.00	3.00	0.00	241.75	
3,721.5	19.35	241.75	3,567.2	-445.7	-829.5	0.00	0.00	0.00	0.00	
4,366.5	0.00	0.00	4,200.0	-496.8	-924.6	3.00	-3.00	0.00	180.00	RBU 11-17E -- Reque
8,816.5	0.00	0.00	8,650.0	-496.8	-924.6	0.00	0.00	0.00	0.00	

**XTO Energy, Inc.**  
Planning Report

Database: EDM 2003.14 Single User Db  
 Company: XTO Energy  
 Project: Natural Buttes Wells(NAD83)  
 Site: RBU 11-17E  
 Well: RBU 11-17E  
 Wellbore: RBU 11-17E  
 Design: Revised Wellbore

Local Co-ordinate Reference: Well RBU 11-17E  
 TVD Reference: Rig KB @ 5066.0ft (Frontier #6)  
 MD Reference: Rig KB @ 5066.0ft (Frontier #6)  
 North Reference: True  
 Survey Calculation Method: Minimum Curvature

**Planned Survey**

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
100.0	0.00	0.00	100.0	0.0	0.0	0.0	0.00	0.00	0.00
200.0	0.00	0.00	200.0	0.0	0.0	0.0	0.00	0.00	0.00
300.0	0.00	0.00	300.0	0.0	0.0	0.0	0.00	0.00	0.00
400.0	0.00	0.00	400.0	0.0	0.0	0.0	0.00	0.00	0.00
500.0	0.00	0.00	500.0	0.0	0.0	0.0	0.00	0.00	0.00
13 3/8"									
560.0	0.00	0.00	560.0	0.0	0.0	0.0	0.00	0.00	0.00
600.0	1.20	241.75	600.0	-0.2	-0.4	0.4	3.00	3.00	0.00
700.0	4.20	241.75	699.9	-2.4	-4.5	5.1	3.00	3.00	0.00
800.0	7.20	241.75	799.4	-7.1	-13.3	15.1	3.00	3.00	0.00
900.0	10.20	241.75	898.2	-14.3	-26.6	30.2	3.00	3.00	0.00
1,000.0	13.20	241.75	996.1	-23.9	-44.5	50.5	3.00	3.00	0.00
1,100.0	16.20	241.75	1,092.8	-35.9	-66.8	75.8	3.00	3.00	0.00
1,205.0	19.35	241.75	1,192.8	-51.1	-95.0	107.9	3.00	3.00	0.00
1,300.0	19.35	241.75	1,282.4	-66.0	-122.8	139.4	0.00	0.00	0.00
1,400.0	19.35	241.75	1,376.8	-81.6	-151.9	172.5	0.00	0.00	0.00
1,500.0	19.35	241.75	1,471.1	-97.3	-181.1	205.6	0.00	0.00	0.00
1,600.0	19.35	241.75	1,565.5	-113.0	-210.3	238.8	0.00	0.00	0.00
1,700.0	19.35	241.75	1,659.8	-128.7	-239.5	271.9	0.00	0.00	0.00
1,800.0	19.35	241.75	1,754.2	-144.4	-268.7	305.0	0.00	0.00	0.00
1,900.0	19.35	241.75	1,848.5	-160.1	-297.9	338.2	0.00	0.00	0.00
2,000.0	19.35	241.75	1,942.9	-175.7	-327.1	371.3	0.00	0.00	0.00
2,100.0	19.35	241.75	2,037.3	-191.4	-356.3	404.4	0.00	0.00	0.00
2,200.0	19.35	241.75	2,131.6	-207.1	-385.4	437.6	0.00	0.00	0.00
2,300.0	19.35	241.75	2,226.0	-222.8	-414.6	470.7	0.00	0.00	0.00
2,400.0	19.35	241.75	2,320.3	-238.5	-443.8	503.8	0.00	0.00	0.00
2,500.0	19.35	241.75	2,414.7	-254.2	-473.0	537.0	0.00	0.00	0.00
2,600.0	19.35	241.75	2,509.0	-269.8	-502.2	570.1	0.00	0.00	0.00
2,700.0	19.35	241.75	2,603.4	-285.5	-531.4	603.2	0.00	0.00	0.00
2,800.0	19.35	241.75	2,697.7	-301.2	-560.6	636.4	0.00	0.00	0.00
2,900.0	19.35	241.75	2,792.1	-316.9	-589.8	669.5	0.00	0.00	0.00
3,000.0	19.35	241.75	2,886.4	-332.6	-618.9	702.6	0.00	0.00	0.00
3,100.0	19.35	241.75	2,980.8	-348.3	-648.1	735.8	0.00	0.00	0.00
3,200.0	19.35	241.75	3,075.1	-363.9	-677.3	768.9	0.00	0.00	0.00
3,300.0	19.35	241.75	3,169.5	-379.6	-706.5	802.0	0.00	0.00	0.00
3,400.0	19.35	241.75	3,263.8	-395.3	-735.7	835.2	0.00	0.00	0.00
3,500.0	19.35	241.75	3,358.2	-411.0	-764.9	868.3	0.00	0.00	0.00
3,600.0	19.35	241.75	3,452.5	-426.7	-794.1	901.4	0.00	0.00	0.00
3,700.0	19.35	241.75	3,546.9	-442.4	-823.3	934.6	0.00	0.00	0.00
3,721.5	19.35	241.75	3,567.2	-445.7	-829.5	941.7	0.00	0.00	0.00
3,800.0	17.00	241.75	3,641.7	-457.3	-851.1	966.2	3.00	-3.00	0.00
3,900.0	14.00	241.75	3,738.1	-470.0	-874.6	992.9	3.00	-3.00	0.00
4,000.0	11.00	241.75	3,835.7	-480.2	-893.7	1,014.5	3.00	-3.00	0.00
4,100.0	8.00	241.75	3,934.3	-488.0	-908.2	1,031.0	3.00	-3.00	0.00
4,200.0	5.00	241.75	4,033.7	-493.4	-918.2	1,042.3	3.00	-3.00	0.00
4,296.5	2.10	241.75	4,130.0	-496.2	-923.4	1,048.3	3.00	-3.00	0.00
Wasatch Tongue									
4,300.0	2.00	241.75	4,133.5	-496.2	-923.6	1,048.4	3.00	-3.00	0.00
4,366.5	0.00	0.00	4,200.0	-496.8	-924.6	1,049.6	3.00	-3.00	0.00
RBU 11-17E -- Requested BHL									
4,400.0	0.00	0.00	4,233.5	-496.8	-924.6	1,049.6	0.00	0.00	0.00
9 5/8"									

**XTO Energy, Inc.**  
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 Wellbore: RBU 11-17E  
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 MD Reference: Rig KB @ 5066.0ft (Frontier #6)  
 North Reference: True  
 Survey Calculation Method: Minimum Curvature

**Planned Survey**

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
4,500.0	0.00	0.00	4,333.5	-496.8	-924.6	1,049.6	0.00	0.00	0.00
4,600.0	0.00	0.00	4,433.5	-496.8	-924.6	1,049.6	0.00	0.00	0.00
4,656.5	0.00	0.00	4,490.0	-496.8	-924.6	1,049.6	0.00	0.00	0.00
<b>Uteland Limestone</b>									
4,700.0	0.00	0.00	4,533.5	-496.8	-924.6	1,049.6	0.00	0.00	0.00
4,800.0	0.00	0.00	4,633.5	-496.8	-924.6	1,049.6	0.00	0.00	0.00
4,811.5	0.00	0.00	4,645.0	-496.8	-924.6	1,049.6	0.00	0.00	0.00
<b>Wasatch</b>									
4,900.0	0.00	0.00	4,733.5	-496.8	-924.6	1,049.6	0.00	0.00	0.00
5,000.0	0.00	0.00	4,833.5	-496.8	-924.6	1,049.6	0.00	0.00	0.00
5,100.0	0.00	0.00	4,933.5	-496.8	-924.6	1,049.6	0.00	0.00	0.00
5,200.0	0.00	0.00	5,033.5	-496.8	-924.6	1,049.6	0.00	0.00	0.00
5,300.0	0.00	0.00	5,133.5	-496.8	-924.6	1,049.6	0.00	0.00	0.00
5,400.0	0.00	0.00	5,233.5	-496.8	-924.6	1,049.6	0.00	0.00	0.00
5,500.0	0.00	0.00	5,333.5	-496.8	-924.6	1,049.6	0.00	0.00	0.00
5,600.0	0.00	0.00	5,433.5	-496.8	-924.6	1,049.6	0.00	0.00	0.00
5,700.0	0.00	0.00	5,533.5	-496.8	-924.6	1,049.6	0.00	0.00	0.00
5,800.0	0.00	0.00	5,633.5	-496.8	-924.6	1,049.6	0.00	0.00	0.00
5,801.5	0.00	0.00	5,635.0	-496.8	-924.6	1,049.6	0.00	0.00	0.00
<b>Chapita Wells</b>									
5,900.0	0.00	0.00	5,733.5	-496.8	-924.6	1,049.6	0.00	0.00	0.00
6,000.0	0.00	0.00	5,833.5	-496.8	-924.6	1,049.6	0.00	0.00	0.00
6,100.0	0.00	0.00	5,933.5	-496.8	-924.6	1,049.6	0.00	0.00	0.00
6,200.0	0.00	0.00	6,033.5	-496.8	-924.6	1,049.6	0.00	0.00	0.00
6,300.0	0.00	0.00	6,133.5	-496.8	-924.6	1,049.6	0.00	0.00	0.00
6,400.0	0.00	0.00	6,233.5	-496.8	-924.6	1,049.6	0.00	0.00	0.00
6,500.0	0.00	0.00	6,333.5	-496.8	-924.6	1,049.6	0.00	0.00	0.00
6,600.0	0.00	0.00	6,433.5	-496.8	-924.6	1,049.6	0.00	0.00	0.00
6,700.0	0.00	0.00	6,533.5	-496.8	-924.6	1,049.6	0.00	0.00	0.00
6,800.0	0.00	0.00	6,633.5	-496.8	-924.6	1,049.6	0.00	0.00	0.00
6,900.0	0.00	0.00	6,733.5	-496.8	-924.6	1,049.6	0.00	0.00	0.00
7,000.0	0.00	0.00	6,833.5	-496.8	-924.6	1,049.6	0.00	0.00	0.00
7,071.5	0.00	0.00	6,905.0	-496.8	-924.6	1,049.6	0.00	0.00	0.00
<b>Uteland Buttes</b>									
7,100.0	0.00	0.00	6,933.5	-496.8	-924.6	1,049.6	0.00	0.00	0.00
7,200.0	0.00	0.00	7,033.5	-496.8	-924.6	1,049.6	0.00	0.00	0.00
7,300.0	0.00	0.00	7,133.5	-496.8	-924.6	1,049.6	0.00	0.00	0.00
7,400.0	0.00	0.00	7,233.5	-496.8	-924.6	1,049.6	0.00	0.00	0.00
7,500.0	0.00	0.00	7,333.5	-496.8	-924.6	1,049.6	0.00	0.00	0.00
7,600.0	0.00	0.00	7,433.5	-496.8	-924.6	1,049.6	0.00	0.00	0.00
7,700.0	0.00	0.00	7,533.5	-496.8	-924.6	1,049.6	0.00	0.00	0.00
7,800.0	0.00	0.00	7,633.5	-496.8	-924.6	1,049.6	0.00	0.00	0.00
7,900.0	0.00	0.00	7,733.5	-496.8	-924.6	1,049.6	0.00	0.00	0.00
7,981.5	0.00	0.00	7,815.0	-496.8	-924.6	1,049.6	0.00	0.00	0.00
<b>Mesaverde</b>									
8,000.0	0.00	0.00	7,833.5	-496.8	-924.6	1,049.6	0.00	0.00	0.00
8,100.0	0.00	0.00	7,933.5	-496.8	-924.6	1,049.6	0.00	0.00	0.00
8,200.0	0.00	0.00	8,033.5	-496.8	-924.6	1,049.6	0.00	0.00	0.00
8,300.0	0.00	0.00	8,133.5	-496.8	-924.6	1,049.6	0.00	0.00	0.00
8,400.0	0.00	0.00	8,233.5	-496.8	-924.6	1,049.6	0.00	0.00	0.00
8,500.0	0.00	0.00	8,333.5	-496.8	-924.6	1,049.6	0.00	0.00	0.00
8,600.0	0.00	0.00	8,433.5	-496.8	-924.6	1,049.6	0.00	0.00	0.00
8,700.0	0.00	0.00	8,533.5	-496.8	-924.6	1,049.6	0.00	0.00	0.00

**XTQ Energy, Inc.**  
Planning Report

Database: EDM 2003.14 Single User Db  
 Company: XTO Energy  
 Project: Natural Buttes Wells(NAD83)  
 Site: RBU 11-17E  
 Well: RBU 11-17E  
 Wellbore: RBU 11-17E  
 Design: Revised Wellbore

Local Co-ordinate Reference: Well RBU 11-17E  
 TVD Reference: Rig KB @ 5066.0ft (Frontier #6)  
 MD Reference: Rig KB @ 5066.0ft (Frontier #6)  
 North Reference: True  
 Survey Calculation Method: Minimum Curvature

**Planned Survey**

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
8,800.0	0.00	0.00	8,633.5	-496.8	-924.6	1,049.6	0.00	0.00	0.00
8,815.0	0.00	0.00	8,648.5	-496.8	-924.6	1,049.6	0.00	0.00	0.00
5 1/2"									
8,816.5	0.00	0.00	8,650.0	-496.8	-924.6	1,049.6	0.00	0.00	0.00

**Targets**

**Target Name**

- hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude
RBU 11-17E -- Request - plan hits target - Circle (radius 50.0)	0.00	0.00	4,200.0	-496.8	-924.6	3,143,591.03	2,114,741.61	39° 56' 38.341 N	109° 48' 30.978 W

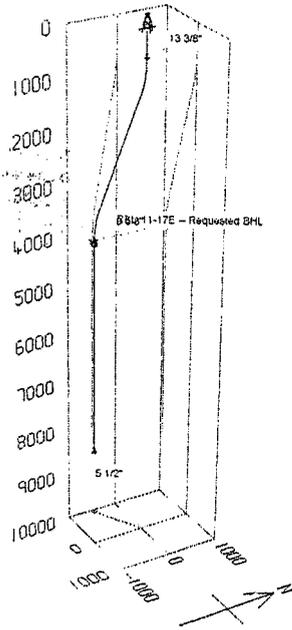
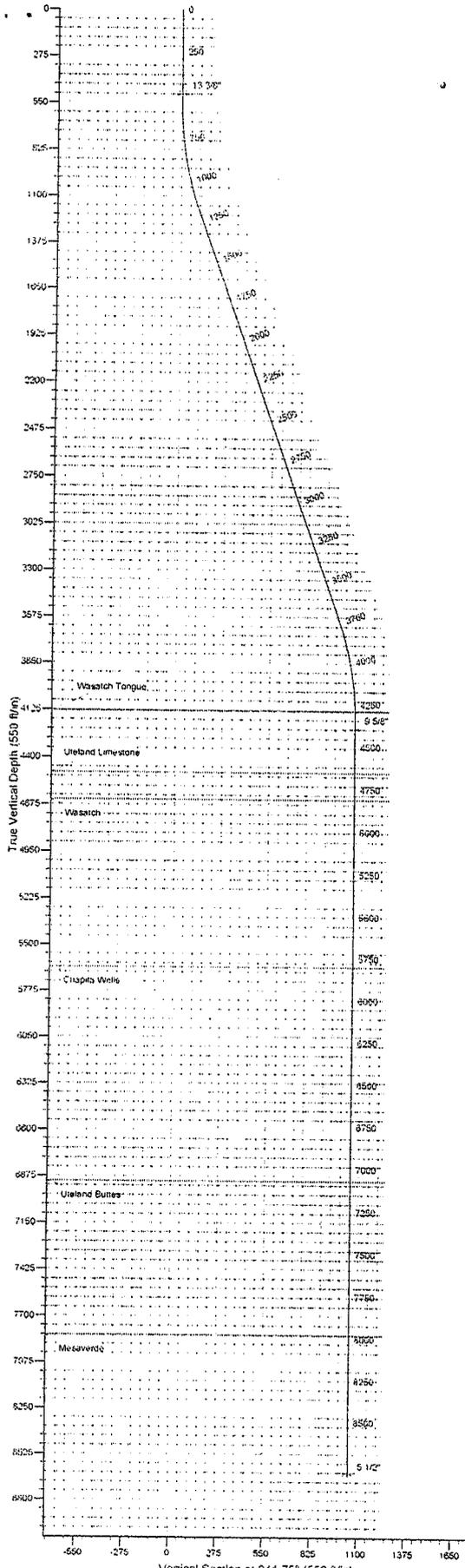
**Casing Points**

Measured Depth (ft)	Vertical Depth (ft)	Name	Casing Diameter (")	Hole Diameter (")
500.0	500.0	13 3/8"	13-3/8	17-1/2
4,400.0	4,233.5	9 5/8"	9-5/8	12-1/4
8,815.0	8,648.5	5 1/2"	5-1/2	7-7/8

**Formations**

Measured Depth (ft)	Vertical Depth (ft)	Name	Lithology	Dip (°)	Dip Direction (°)
4,296.5	4,130.0	Wasatch Tongue		0.00	
4,656.5	4,490.0	Uteland Limestone		0.00	
4,811.5	4,645.0	Wasatch		0.00	
5,801.5	5,635.0	Chapita Wells		0.00	
7,071.5	6,905.0	Uteland Buttes		0.00	
7,981.5	7,815.0	Mesaverde		0.00	

<b>WELL DETAILS: RBU 11-17E</b>	
Ground Level: 5052.0 1981.0 FSL -2275.0 FEL	
Project: Natural Buttes Wells(NAD83) Site: RBU 11-17E Well: RBU 11-17E Wellbore: RBU 11-17E Revised Wellbore	



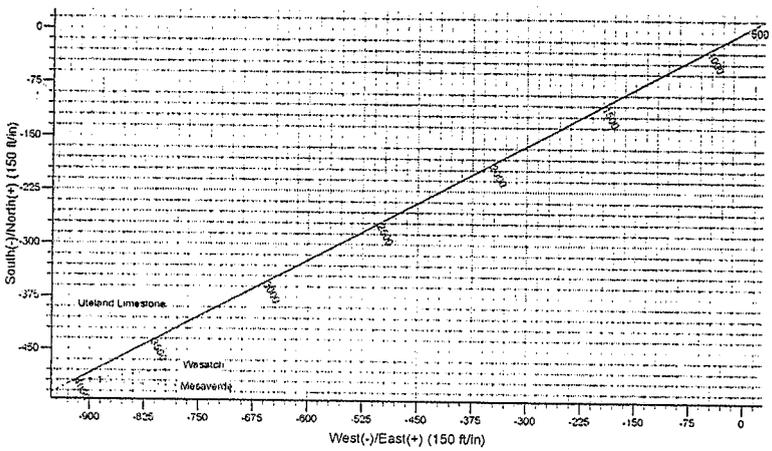
FORMATION TOP DETAILS		
TVDPath	MDPath	Formation
4130.0	4296.5	Wasatch Tongue
4490.0	4656.5	Uteland Limestone
4645.0	4811.5	Wasatch
5635.0	5801.5	Chapala Wells
6905.0	7071.5	Uteland Buttes
7815.0	7981.5	Mesaverde

CASING DETAILS			
TVD	MD	Name	Size
500.0	500.0	13 3/8"	13-3/8
4233.5	4400.0	9 5/8"	9-5/8
8648.5	8815.0	5 1/2"	5-1/2

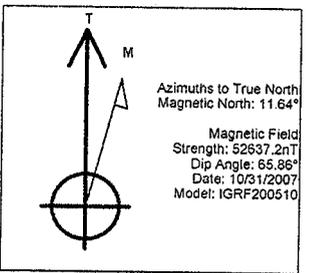
**PROJECT DETAILS: Natural Buttes Wells(NAD83)**

Geodetic System: US State Plane 1983  
Datum: North American Datum 1983  
Ellipsoid: GRS 1980  
Zone: Utah Northern Zone

System Datum: Mean Sea Level



SECTION DETAILS										
Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	560.0	0.00	0.00	560.0	0.0	0.0	0.00	0.00	0.0	
3	1205.0	19.35	241.75	1192.3	-51.1	-95.0	3.00	241.75	107.9	
4	3721.5	19.35	241.75	3567.2	-445.7	-829.5	0.00	0.00	941.7	
5	4366.5	0.00	0.00	4200.0	-496.8	-924.6	3.00	180.00	1049.8	RBU 11-17E -- Requested BHL
6	8816.5	0.00	0.00	8650.0	-496.8	-924.6	0.00	0.00	1049.6	



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

FORM 9

5. LEASE DESIGNATION AND SERIAL NUMBER:  
**U-3505**

**SUNDRY NOTICES AND REPORTS ON WELLS**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:  
**RIVERBEND UNIT**

8. WELL NAME and NUMBER:  
**RBU 11-17E**

9. API NUMBER:  
**4304737057**

1. TYPE OF WELL  
OIL WELL  GAS WELL  OTHER \_\_\_\_\_

2. NAME OF OPERATOR:  
**XTO ENERGY INC.**

3. ADDRESS OF OPERATOR:  
**382 CR 3100 CITY AZTEC STATE NM ZIP 87410**

PHONE NUMBER:  
**(505) 333-3100**

10. FIELD AND POOL, OR WLD CAT:  
**WSTCH MVRD**

4. LOCATION OF WELL  
FOOTAGES AT SURFACE: **1991' FSL & 2275' FEL** COUNTY: **UINTAH**  
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: **NESW 17 10S 19E** STATE: **UTAH**

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

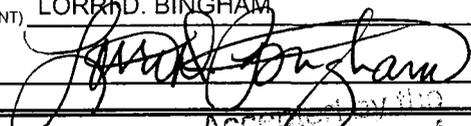
TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER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

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.  
**XTO Energy Inc. proposes to change the drilling program per the attached documents.**

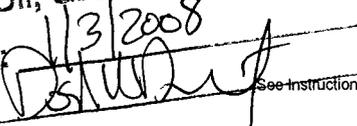
**RECEIVED**

**DEC 24 2007**

DIV. OF OIL, GAS & MINING

NAME (PLEASE PRINT) **LORRD. BINGHAM** TITLE **REGULATORY COMPLIANCE TECH**  
SIGNATURE  DATE **12/19/2007**

(This space for State use only)

Approved by the  
**Utah Division of  
Oil, Gas and Mining**  
Date: **1/3/2008**  
By: 

Federal Approval Of This  
Action Is Necessary

COPY SENT TO OPERATOR  
Date: **1-7-2008**  
Initial: **KS**

RECEIVED

DEC 24 2007

XTO ENERGY INC.

RBV 11-17E

APD Data

October 31, 2007

DIV. OF OIL, GAS & MINING

Location: 1991' FSL & 2275' FEL, Sec. 17, T10S,R19E County: Uintah

State: Utah

Bottomhole Location: 1500' FSL & 2100' FWL, Sec. 17, T10S, R19E

GREATEST PROJECTED TD: 8815' MD/ 8650' TVD
APPROX GR ELEV: 5052'

OBJECTIVE: Wasatch/Mesaverde
Est KB ELEV: 5066' (14' AGL)

1. MUD PROGRAM:

Table with 4 columns: INTERVAL, HOLE SIZE, MUD TYPE, WEIGHT, VISCOSITY, WATER LOSS and 3 rows of data for intervals 0' to 500', 500' to 4400', and 4400' to 8815'.

Remarks: Use fibrous materials as needed to control seepage and lost circulation. Pump high viscosity sweeps as needed for hole cleaning. Raise viscosity at TD for logging. Reduce viscosity after logging for cementing purposes. The mud system will be monitored visually/manually.

2. CASING PROGRAM:

Surface Casing: 13.375" casing set at ± 500' in a 17.5" hole filled with 8.4 ppg mud

Table with 13 columns: Interval, Length, Wt, Gr, Cplg, Coll Rating (psi), Burst Rating (psi), Jt Str (M-lbs), ID (in), Drift (in), SF Coll, SF Burst, SF Ten. Row 1: 0'-500', 500', 48#, H-40, ST&C, 770, 7.56, 322, 12.715, 12.56, 3.37, 7.56, 13.42.

Intermediate Casing: 9.625" casing set at ±4400'MD/4233'TVD in a 12.25" hole filled with 8.8 ppg mud

Table with 13 columns: Interval, Length, Wt, Gr, Cplg, Coll Rating (psi), Burst Rating (psi), Jt Str (M-lbs), ID (in), Drift (in), SF Coll, SF Burst, SF Ten. Row 1: 0'-4400', 4400', 36#, J-55, ST&C, 2020, 3520, 394, 8.921, 8.765, 1.33, 2.33, 2.49.

Collapse and burst loads calculated at TVD with 0.1 psi/ft gas gradient back up.

Production Casing: 5.5" casing set at ±8815'MD/8650'TVD in a 7.875" hole filled with 9.2 ppg mud.

Table with 13 columns: Interval, Length, Wt, Gr, Cplg, Coll Rating (psi), Burst Rating (psi), Jt Str (M-lbs), ID (in), Drift (in), SF Coll, SF Burst, SF Ten. Row 1: 0'-8815', 8815', 17#, N-80, LT&C, 6280, 7740, 348, 4.892, 4.767, 1.92, 2.36, 2.32.

Collapse and burst loads calculated at TVD with 0.1 psi/ft gas gradient back up.

3. WELLHEAD:

- A. Casing Head: Larkin Fig 92 (or equivalent), 13" nominal, 2,000 psig WP (4,000 psig test) with 13-3/8" weld on bottom and an 11" flange on top.
B. Tubing Head: Larkin Fig 612 (or equivalent), 7-1/16" nominal, 5,000 psig WP, 5-1/2" 8rnd female thread on bottom (or slip-on, weld-on), with a 2-1/16" 5M flange on top.

4. CEMENT PROGRAM:

- A. Surface: 13.375", 48#, H-40, ST&C casing to be set at ±500' in 17.5" hole.

±337 sx of Type V cement (or equivalent) typically containing accelerator and LCM.

*Total estimated slurry volume for the 13.375" surface casing is 646.3 ft<sup>3</sup>. Slurry includes 67% excess of calculated open hole annular volume to 500'.*

B. Intermediate: 9.625", 36#, J-55 (or equiv.), ST&C casing to be set at ±4400' in 12.25" hole.

LEAD:

±504 sx of Premium Plus V Blend. (Type V/Poz/Gel) or equivalent, with dispersant, fluid loss, accelerator, & LCM mixed at 11.0 ppg, 3.82 ft<sup>3</sup>/sk, 22.95 gal wtr/sx.

TAIL:

350 sx Class G or equivalent cement with bonding additive, LCM, dispersant, & fluid loss mixed at 15.6 ppg, 1.2 cuft/sx

*Total estimated slurry volume for the 9.625" intermediate casing is 2345 ft<sup>3</sup>. Slurry includes 75% excess of calculated open hole annular volume to 4400'.*

C. Production: 5.5", 17#, N-80 (or equiv.), LT&C casing to be set at ±8815' in 7.875" hole.

LEAD:

±103 sx of Premium Plus V Blend. (Type V/Poz/Gel) or equivalent, with dispersant, fluid loss, accelerator, & LCM mixed at 11.6 ppg, 3.12 ft<sup>3</sup>/sk, 17.71 gal wtr/sx.

TAIL:

400 sx Class G or equivalent cement with poz, bonding additive, LCM, dispersant, & fluid loss mixed at 13.0 ppg, 1.75 cuft/sx, 9.09 gal/sx.

*Total estimated slurry volume for the 5.5" production casing is 1020 ft<sup>3</sup>. Slurry includes 15% excess of calculated open hole annular volume.*

*Note: The slurry design may change slightly based upon actual conditions. Final cement volumes will be determined from the caliper logs plus 15% or greater excess. The cement is designed to circulate on surface and intermediate casing strings. The production casing is designed for 3900' top of cement..*

**5. LOGGING PROGRAM:**

- A. Mud Logger: The mud logger will come on at intermediate casing point and will remain on the hole until TD. The mud will be logged in 10' intervals.
- B. Open Hole Logs as follows: Run Array Induction/SFL/GR/SP fr/TD (8815') to the bottom of the intermediate csg. Run Neutron/Lithodensity/Pe/GR/Cal from TD (8815') to 4400'.

**6. FORMATION TOPS:**

Please see attached directional plan.

7. **ANTICIPATED OIL, GAS, & WATER ZONES:**

A.

Formation	Expected Fluids	TV Depth Top
Wasatch Tongue	Oil/Gas/Water	
Green River Tongue	Oil/Gas/Water	
Wasatch	Gas/Water	
Chapita Wells	Gas/Water	
Uteland Buttes	Gas/Water	
Mesaverde	Gas/Water	

- A. Appropriately weighted mud will be used to isolate potential gas, oil, and water zones until such time as casing can be cemented into place for zonal isolation.
- B. There are no known potential sources of H<sub>2</sub>S.
- C. The bottomhole pressure is anticipated to be between 4200 psi and 4600 psi.

8. **BOP EQUIPMENT:**

Surface will not utilize a bop stack.

Intermediate hole will be drilled using a diverter stack with rotating head rated at 250 psi.

Production hole will be drilled with a 3000 psi BOP stack.

Minimum specifications for pressure control equipment are as follows:

Ram Type: 11" Hydraulic double ram with annular, 3000 psi w.p.

Ram type preventers and associated equipment shall be tested to stack working pressure if isolated by test plug or to 70% of internal yield pressure of casing. Pressure shall be maintained for at least 10 minutes or until requirements of test are met, whichever is longer. If a test plug is utilized, no bleed-off pressure is acceptable. For a test not utilizing a test plug, if a decline in pressure of more than 10% in 30 minutes occurs, the test shall be considered to have failed. Valve on casing head below test plug shall be open during test of BOP stack.

Annular type preventers (if used) shall be tested to 50% of rated working pressure. Pressure shall be maintained at least 10 minutes or until provisions of test are met, whichever is longer.

As a minimum, the above test shall be performed:

- a. when initially installed:
- b. whenever any seal subject to test pressure is broken
- c. following related repairs: and
- d. at 30 day intervals

Valves shall be tested from working pressure side during BOPE tests with all down stream valves open.

When testing the kill line valve(s) shall be held open or the ball removed.

Annular preventers (if used) shall be functionally operated at least weekly.

Pipe and blind rams shall be activated each trip, however, this function need not be performed more than once a day.

A BOPE pit level drill shall be conducted weekly for each drilling crew.

The BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No.2 for equipment and testing requirements, procedures, etc., and individual components shall be operable as designed. Chart recorders shall be used for all pressure tests. Pressure tests shall apply to all related well control equipment.

BOP systems shall be consistent with API RP53. Pressure tests will be conducted before drilling out from under casing strings which have been set and cemented in place. Test pressures for BOP equipment are as follows:

- Annular BOP -- 1500 psi
- Ram type BOP -- 3000 psi
- Kill line valves -- 3000 psi
- Choke line valves and choke manifold valves -- 3000 psi
- Chokes -- 3000 psi
- Casing, casinghead & weld -- 1500 psi
- Upper kelly cock and safety valve -- 3000 psi
- Dart valve -- 3000 psi

Blowout preventer controls will be installed prior to drilling the surface casing plug and will remain in use until the well is completed or abandoned. Preventers will be inspected and operated at least daily to ensure good mechanical working order, and this inspection will be recorded on the daily drilling report. Preventers will be pressure tested before drilling casing cement plugs.

The BLM in Vernal, UT shall be notified, at least 24 hours prior to initiating the pressure test, in order to have a BLM representative on location during pressure testing.

- a. The size and rating of the BOP stack is shown on the attached diagram.
- b. A choke line and a kill line are to be properly installed.
- c. The accumulator system shall have a pressure capacity to provide for repeated operation of hydraulic preventers.
- d. Drill string safety valve(s), to fit all tools in the drill string, are to be maintained on the rig floor while drilling operations are in progress.
- e. See attached BOP & Choke manifold diagrams.

9. **COMPANY PERSONNEL:**

<b><u>Name</u></b>	<b><u>Title</u></b>	<b><u>Office Phone</u></b>	<b><u>Home Phone</u></b>
John Egelston	Drilling Engineer	505-333-3163	505-330-6902
Bobby Jackson	Drilling Superintendent	505-333-3224	505-486-4706
Glen Christiansen	Project Geologist	817-885-2800	

# **XTO Energy**

**Natural Buttes Wells(NAD83)**

**RBU 11-17E**

**RBU 11-17E**

**RBU 11-17E**

**Plan: Revised Wellbore**

## **Standard Planning Report**

**31 October, 2007**

**XTO Energy, Inc.**  
Planning Report

Database: EDM 2003.14 Single User Db  
 Company: XTO Energy  
 Project: Natural Buttes Wells(NAD83)  
 Site: RBU 11-17E  
 Well: RBU 11-17E  
 Wellbore: RBU 11-17E  
 Design: Revised Wellbore

Local Co-ordinate Reference: Well RBU 11-17E  
 TVD Reference: Rig KB @ 5066.0ft (Frontier #6)  
 MD Reference: Rig KB @ 5066.0ft (Frontier #6)  
 North Reference: True  
 Survey Calculation Method: Minimum Curvature

<b>Project</b>	Natural Buttes Wells(NAD83), Vernal, UT		
<b>Map System:</b>	US State Plane 1983	<b>System Datum:</b>	Mean Sea Level
<b>Geo Datum:</b>	North American Datum 1983		Using Well Reference Point
<b>Map Zone:</b>	Utah Northern Zone		

<b>Site</b>	RBU 11-17E, T10S, R19E				
<b>Site Position:</b>		<b>Northing:</b>	3,144,105.76 ft	<b>Latitude:</b>	39° 56' 43.250 N
<b>From:</b>	Lat/Long	<b>Easting:</b>	2,115,656.32 ft	<b>Longitude:</b>	109° 48' 19.110 W
<b>Position Uncertainty:</b>	0.0 ft	<b>Slot Radius:</b>	"	<b>Grid Convergence:</b>	1.12 °

<b>Well</b>	RBU 11-17E, S-Well to Wasatch/Mesaverde					
<b>Well Position</b>	<b>+N/-S</b>	0.0 ft	<b>Northing:</b>	3,144,105.76 ft	<b>Latitude:</b>	39° 56' 43.250 N
	<b>+E/-W</b>	0.0 ft	<b>Easting:</b>	2,115,656.32 ft	<b>Longitude:</b>	109° 48' 19.110 W
<b>Position Uncertainty</b>		0.0 ft	<b>Wellhead Elevation:</b>	5,052.0 ft	<b>Ground Level:</b>	5,052.0 ft

<b>Wellbore</b>	RBU 11-17E				
<b>Magnetics</b>	<b>Model Name</b>	<b>Sample Date</b>	<b>Declination (°)</b>	<b>Dip Angle (°)</b>	<b>Field Strength (nT)</b>
	IGRF200510	10/31/2007	11.64	65.86	52,637

<b>Design</b>	Revised Wellbore			
<b>Audit Notes:</b>				
<b>Version:</b>	<b>Phase:</b>	PROTOTYPE	<b>Tie On Depth:</b>	0.0
<b>Vertical Section:</b>	<b>Depth From (TVD)</b>	<b>+N/-S (ft)</b>	<b>+E/-W (ft)</b>	<b>Direction (°)</b>
	0.0	0.0	0.0	241.75

<b>Plan Sections</b>										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	TFO (°)	Target
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00	0.00	
560.0	0.00	0.00	560.0	0.0	0.0	0.00	0.00	0.00	0.00	
1,205.0	19.35	241.75	1,192.8	-51.1	-95.0	3.00	3.00	0.00	241.75	
3,721.5	19.35	241.75	3,567.2	-445.7	-829.5	0.00	0.00	0.00	0.00	
4,366.5	0.00	0.00	4,200.0	-496.8	-924.6	3.00	-3.00	0.00	180.00	RBU 11-17E -- Reque
8,816.5	0.00	0.00	8,650.0	-496.8	-924.6	0.00	0.00	0.00	0.00	

**XTO Energy, Inc.**  
Planning Report

Database: EDM 2003.14 Single User Db  
 Company: XTO Energy  
 Project: Natural Buttes Wells(NAD83)  
 Site: RBU 11-17E  
 Well: RBU 11-17E  
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Local Co-ordinate Reference: Well RBU 11-17E  
 TVD Reference: Rig KB @ 5066.0ft (Frontier #6)  
 MD Reference: Rig KB @ 5066.0ft (Frontier #6)  
 North Reference: True  
 Survey Calculation Method: Minimum Curvature

**Planned Survey**

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
100.0	0.00	0.00	100.0	0.0	0.0	0.0	0.00	0.00	0.00
200.0	0.00	0.00	200.0	0.0	0.0	0.0	0.00	0.00	0.00
300.0	0.00	0.00	300.0	0.0	0.0	0.0	0.00	0.00	0.00
400.0	0.00	0.00	400.0	0.0	0.0	0.0	0.00	0.00	0.00
500.0	0.00	0.00	500.0	0.0	0.0	0.0	0.00	0.00	0.00
<b>13 3/8"</b>									
560.0	0.00	0.00	560.0	0.0	0.0	0.0	0.00	0.00	0.00
600.0	1.20	241.75	600.0	-0.2	-0.4	0.4	3.00	3.00	0.00
700.0	4.20	241.75	699.9	-2.4	-4.5	5.1	3.00	3.00	0.00
800.0	7.20	241.75	799.4	-7.1	-13.3	15.1	3.00	3.00	0.00
900.0	10.20	241.75	898.2	-14.3	-26.6	30.2	3.00	3.00	0.00
1,000.0	13.20	241.75	996.1	-23.9	-44.5	50.5	3.00	3.00	0.00
1,100.0	16.20	241.75	1,092.8	-35.9	-66.8	75.8	3.00	3.00	0.00
1,205.0	19.35	241.75	1,192.8	-51.1	-95.0	107.9	3.00	3.00	0.00
1,300.0	19.35	241.75	1,282.4	-66.0	-122.8	139.4	0.00	0.00	0.00
1,400.0	19.35	241.75	1,376.8	-81.6	-151.9	172.5	0.00	0.00	0.00
1,500.0	19.35	241.75	1,471.1	-97.3	-181.1	205.6	0.00	0.00	0.00
1,600.0	19.35	241.75	1,565.5	-113.0	-210.3	238.8	0.00	0.00	0.00
1,700.0	19.35	241.75	1,659.8	-128.7	-239.5	271.9	0.00	0.00	0.00
1,800.0	19.35	241.75	1,754.2	-144.4	-268.7	305.0	0.00	0.00	0.00
1,900.0	19.35	241.75	1,848.5	-160.1	-297.9	338.2	0.00	0.00	0.00
2,000.0	19.35	241.75	1,942.9	-175.7	-327.1	371.3	0.00	0.00	0.00
2,100.0	19.35	241.75	2,037.3	-191.4	-356.3	404.4	0.00	0.00	0.00
2,200.0	19.35	241.75	2,131.6	-207.1	-385.4	437.6	0.00	0.00	0.00
2,300.0	19.35	241.75	2,226.0	-222.8	-414.6	470.7	0.00	0.00	0.00
2,400.0	19.35	241.75	2,320.3	-238.5	-443.8	503.8	0.00	0.00	0.00
2,500.0	19.35	241.75	2,414.7	-254.2	-473.0	537.0	0.00	0.00	0.00
2,600.0	19.35	241.75	2,509.0	-269.8	-502.2	570.1	0.00	0.00	0.00
2,700.0	19.35	241.75	2,603.4	-285.5	-531.4	603.2	0.00	0.00	0.00
2,800.0	19.35	241.75	2,697.7	-301.2	-560.6	636.4	0.00	0.00	0.00
2,900.0	19.35	241.75	2,792.1	-316.9	-589.8	669.5	0.00	0.00	0.00
3,000.0	19.35	241.75	2,886.4	-332.6	-618.9	702.6	0.00	0.00	0.00
3,100.0	19.35	241.75	2,980.8	-348.3	-648.1	735.8	0.00	0.00	0.00
3,200.0	19.35	241.75	3,075.1	-363.9	-677.3	768.9	0.00	0.00	0.00
3,300.0	19.35	241.75	3,169.5	-379.6	-706.5	802.0	0.00	0.00	0.00
3,400.0	19.35	241.75	3,263.8	-395.3	-735.7	835.2	0.00	0.00	0.00
3,500.0	19.35	241.75	3,358.2	-411.0	-764.9	868.3	0.00	0.00	0.00
3,600.0	19.35	241.75	3,452.5	-426.7	-794.1	901.4	0.00	0.00	0.00
3,700.0	19.35	241.75	3,546.9	-442.4	-823.3	934.6	0.00	0.00	0.00
3,721.5	19.35	241.75	3,567.2	-445.7	-829.5	941.7	0.00	0.00	0.00
3,800.0	17.00	241.75	3,641.7	-457.3	-851.1	966.2	3.00	-3.00	0.00
3,900.0	14.00	241.75	3,738.1	-470.0	-874.6	992.9	3.00	-3.00	0.00
4,000.0	11.00	241.75	3,835.7	-480.2	-893.7	1,014.5	3.00	-3.00	0.00
4,100.0	8.00	241.75	3,934.3	-488.0	-908.2	1,031.0	3.00	-3.00	0.00
4,200.0	5.00	241.75	4,033.7	-493.4	-918.2	1,042.3	3.00	-3.00	0.00
4,296.5	2.10	241.75	4,130.0	-496.2	-923.4	1,048.3	3.00	-3.00	0.00
<b>Wasatch Tongue</b>									
4,300.0	2.00	241.75	4,133.5	-496.2	-923.6	1,048.4	3.00	-3.00	0.00
4,366.5	0.00	0.00	4,200.0	-496.8	-924.6	1,049.6	3.00	-3.00	0.00
<b>RBU 11-17E -- Requested BHL</b>									
4,400.0	0.00	0.00	4,233.5	-496.8	-924.6	1,049.6	0.00	0.00	0.00
<b>9 5/8"</b>									

**XTO Energy, Inc.**  
Planning Report

**Database:** EDM 2003.14 Single User Db  
**Company:** XTO Energy  
**Project:** Natural Buttes Wells(NAD83)  
**Site:** RBU 11-17E  
**Well:** RBU 11-17E  
**Wellbore:** RBU 11-17E  
**Design:** Revised Wellbore

**Local Co-ordinate Reference:** Well RBU 11-17E  
**TVD Reference:** Rig KB @ 5066.0ft (Frontier #6)  
**MD Reference:** Rig KB @ 5066.0ft (Frontier #6)  
**North Reference:** True  
**Survey Calculation Method:** Minimum Curvature

**Planned Survey**

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
4,500.0	0.00	0.00	4,333.5	-496.8	-924.6	1,049.6	0.00	0.00	0.00
4,600.0	0.00	0.00	4,433.5	-496.8	-924.6	1,049.6	0.00	0.00	0.00
4,656.5	0.00	0.00	4,490.0	-496.8	-924.6	1,049.6	0.00	0.00	0.00
<b>Uteland Limestone</b>									
4,700.0	0.00	0.00	4,533.5	-496.8	-924.6	1,049.6	0.00	0.00	0.00
4,800.0	0.00	0.00	4,633.5	-496.8	-924.6	1,049.6	0.00	0.00	0.00
4,811.5	0.00	0.00	4,645.0	-496.8	-924.6	1,049.6	0.00	0.00	0.00
<b>Wasatch</b>									
4,900.0	0.00	0.00	4,733.5	-496.8	-924.6	1,049.6	0.00	0.00	0.00
5,000.0	0.00	0.00	4,833.5	-496.8	-924.6	1,049.6	0.00	0.00	0.00
5,100.0	0.00	0.00	4,933.5	-496.8	-924.6	1,049.6	0.00	0.00	0.00
5,200.0	0.00	0.00	5,033.5	-496.8	-924.6	1,049.6	0.00	0.00	0.00
5,300.0	0.00	0.00	5,133.5	-496.8	-924.6	1,049.6	0.00	0.00	0.00
5,400.0	0.00	0.00	5,233.5	-496.8	-924.6	1,049.6	0.00	0.00	0.00
5,500.0	0.00	0.00	5,333.5	-496.8	-924.6	1,049.6	0.00	0.00	0.00
5,600.0	0.00	0.00	5,433.5	-496.8	-924.6	1,049.6	0.00	0.00	0.00
5,700.0	0.00	0.00	5,533.5	-496.8	-924.6	1,049.6	0.00	0.00	0.00
5,800.0	0.00	0.00	5,633.5	-496.8	-924.6	1,049.6	0.00	0.00	0.00
5,801.5	0.00	0.00	5,635.0	-496.8	-924.6	1,049.6	0.00	0.00	0.00
<b>Chapita Wells</b>									
5,900.0	0.00	0.00	5,733.5	-496.8	-924.6	1,049.6	0.00	0.00	0.00
6,000.0	0.00	0.00	5,833.5	-496.8	-924.6	1,049.6	0.00	0.00	0.00
6,100.0	0.00	0.00	5,933.5	-496.8	-924.6	1,049.6	0.00	0.00	0.00
6,200.0	0.00	0.00	6,033.5	-496.8	-924.6	1,049.6	0.00	0.00	0.00
6,300.0	0.00	0.00	6,133.5	-496.8	-924.6	1,049.6	0.00	0.00	0.00
6,400.0	0.00	0.00	6,233.5	-496.8	-924.6	1,049.6	0.00	0.00	0.00
6,500.0	0.00	0.00	6,333.5	-496.8	-924.6	1,049.6	0.00	0.00	0.00
6,600.0	0.00	0.00	6,433.5	-496.8	-924.6	1,049.6	0.00	0.00	0.00
6,700.0	0.00	0.00	6,533.5	-496.8	-924.6	1,049.6	0.00	0.00	0.00
6,800.0	0.00	0.00	6,633.5	-496.8	-924.6	1,049.6	0.00	0.00	0.00
6,900.0	0.00	0.00	6,733.5	-496.8	-924.6	1,049.6	0.00	0.00	0.00
7,000.0	0.00	0.00	6,833.5	-496.8	-924.6	1,049.6	0.00	0.00	0.00
7,071.5	0.00	0.00	6,905.0	-496.8	-924.6	1,049.6	0.00	0.00	0.00
<b>Uteland Buttes</b>									
7,100.0	0.00	0.00	6,933.5	-496.8	-924.6	1,049.6	0.00	0.00	0.00
7,200.0	0.00	0.00	7,033.5	-496.8	-924.6	1,049.6	0.00	0.00	0.00
7,300.0	0.00	0.00	7,133.5	-496.8	-924.6	1,049.6	0.00	0.00	0.00
7,400.0	0.00	0.00	7,233.5	-496.8	-924.6	1,049.6	0.00	0.00	0.00
7,500.0	0.00	0.00	7,333.5	-496.8	-924.6	1,049.6	0.00	0.00	0.00
7,600.0	0.00	0.00	7,433.5	-496.8	-924.6	1,049.6	0.00	0.00	0.00
7,700.0	0.00	0.00	7,533.5	-496.8	-924.6	1,049.6	0.00	0.00	0.00
7,800.0	0.00	0.00	7,633.5	-496.8	-924.6	1,049.6	0.00	0.00	0.00
7,900.0	0.00	0.00	7,733.5	-496.8	-924.6	1,049.6	0.00	0.00	0.00
7,981.5	0.00	0.00	7,815.0	-496.8	-924.6	1,049.6	0.00	0.00	0.00
<b>Mesaverde</b>									
8,000.0	0.00	0.00	7,833.5	-496.8	-924.6	1,049.6	0.00	0.00	0.00
8,100.0	0.00	0.00	7,933.5	-496.8	-924.6	1,049.6	0.00	0.00	0.00
8,200.0	0.00	0.00	8,033.5	-496.8	-924.6	1,049.6	0.00	0.00	0.00
8,300.0	0.00	0.00	8,133.5	-496.8	-924.6	1,049.6	0.00	0.00	0.00
8,400.0	0.00	0.00	8,233.5	-496.8	-924.6	1,049.6	0.00	0.00	0.00
8,500.0	0.00	0.00	8,333.5	-496.8	-924.6	1,049.6	0.00	0.00	0.00
8,600.0	0.00	0.00	8,433.5	-496.8	-924.6	1,049.6	0.00	0.00	0.00
8,700.0	0.00	0.00	8,533.5	-496.8	-924.6	1,049.6	0.00	0.00	0.00

**XTO Energy, Inc.**  
Planning Report

Database: EDM 2003.14 Single User Db  
 Company: XTO Energy  
 Project: Natural Buttes Wells(NAD83)  
 Site: RBU 11-17E  
 Well: RBU 11-17E  
 Wellbore: RBU 11-17E  
 Design: Revised Wellbore

Local Co-ordinate Reference: Well RBU 11-17E  
 TVD Reference: Rig KB @ 5066.0ft (Frontier #6)  
 MD Reference: Rig KB @ 5066.0ft (Frontier #6)  
 North Reference: True  
 Survey Calculation Method: Minimum Curvature

Planned Survey										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	
8,800.0	0.00	0.00	8,633.5	-496.8	-924.6	1,049.6	0.00	0.00	0.00	
8,815.0	0.00	0.00	8,648.5	-496.8	-924.6	1,049.6	0.00	0.00	0.00	
5 1/2"										
8,816.5	0.00	0.00	8,650.0	-496.8	-924.6	1,049.6	0.00	0.00	0.00	

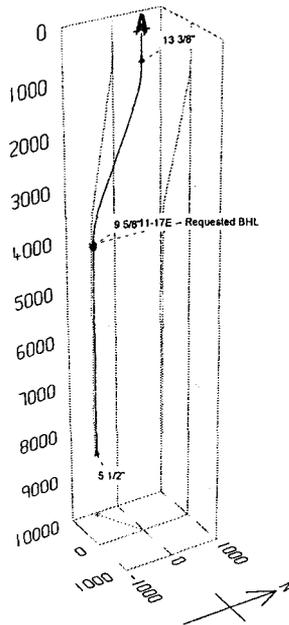
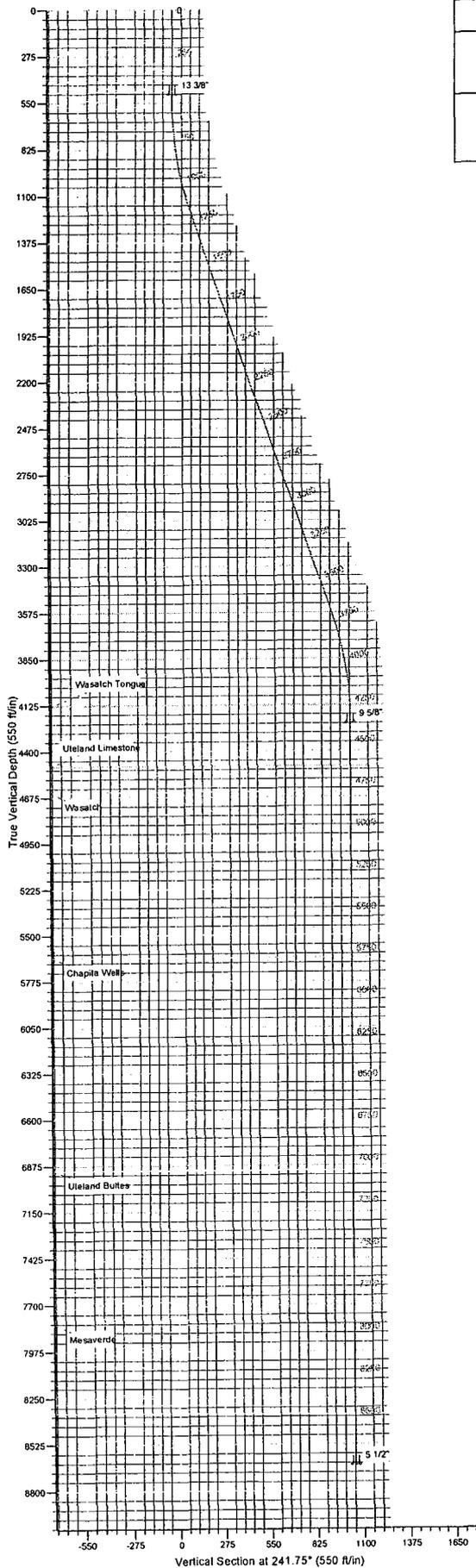
Targets									
Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude
RBU 11-17E -- Request - hit/miss target - Shape - Circle (radius 50.0)	0.00	0.00	4,200.0	-496.8	-924.6	3,143,591.03	2,114,741.61	39° 56' 38.341 N	109° 48' 30.978 W

Casing Points						
Measured Depth (ft)	Vertical Depth (ft)	Name	Casing Diameter (")	Hole Diameter (")		
500.0	500.0	13 3/8"	13-3/8	17-1/2		
4,400.0	4,233.5	9 5/8"	9-5/8	12-1/4		
8,815.0	8,648.5	5 1/2"	5-1/2	7-7/8		

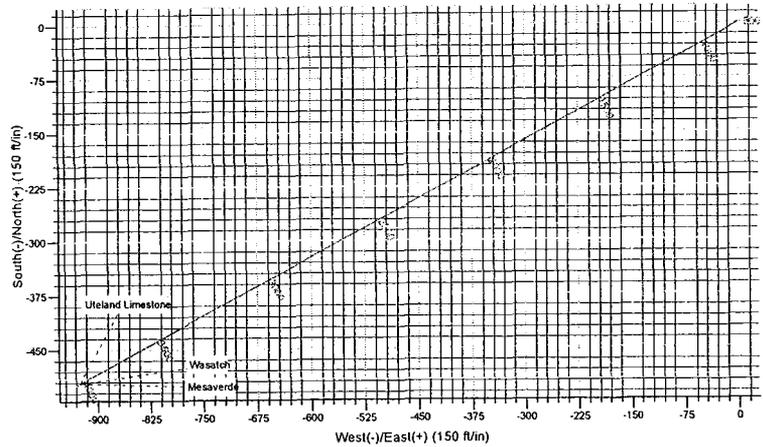
Formations						
Measured Depth (ft)	Vertical Depth (ft)	Name	Lithology	Dip (°)	Dip Direction (°)	
4,296.5	4,130.0	Wasatch Tongue		0.00		
4,656.5	4,490.0	Uteland Limestone		0.00		
4,811.5	4,645.0	Wasatch		0.00		
5,801.5	5,635.0	Chapita Wells		0.00		
7,071.5	6,905.0	Uteland Buttes		0.00		
7,981.5	7,815.0	Mesaverde		0.00		



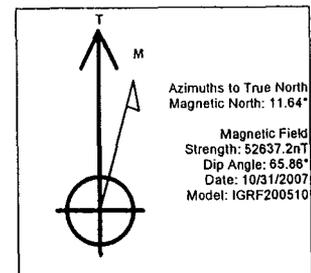
<b>WELL DETAILS: RBU 11-17E</b>	
Ground Level: 5052.0 1981.0 FSL -2275.0 FEL	
Project: Natural Buttes Wells(NAD83) Site: RBU 11-17E Well: RBU 11-17E Wellbore: RBU 11-17E Revised Wellbore	



FORMATION TOP DETAILS			
TVDPATH	MDPATH	FORMATION	
4130.0	4296.5	Wasatch Tongue	
4490.0	4656.5	Uteland Limestone	
4645.0	4811.5	Wasatch	
5835.0	5801.5	Chapita Wells	
6905.0	7071.5	Uteland Buttes	
7815.0	7981.5	Mesaverde	
CASING DETAILS			
TVD	MD	Name	Size
500.0	500.0	13 3/8"	13-3/8
4233.5	4400.0	9 5/8"	9-5/8
8648.5	8815.0	5 1/2"	5-1/2
PROJECT DETAILS: Natural Buttes Wells(NAD83)			
Geodetic System: US State Plane 1983 Datum: North American Datum 1983 Ellipsoid: GRS 1980 Zone: Utah Northern Zone System Datum: Mean Sea Level			



SECTION DETAILS										
Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	560.0	0.00	0.00	560.0	0.0	0.0	0.00	0.00	0.0	
3	1205.0	19.35	241.75	1192.8	-51.1	-95.0	3.00	241.75	107.9	
4	3721.5	19.35	241.75	3567.2	-445.7	-829.5	0.00	0.00	941.7	
5	4366.5	0.00	0.00	4200.0	-496.8	-924.6	3.00	180.00	1049.6RBU 11-17E -- Requested BHL	
6	8816.5	0.00	0.00	8650.0	-496.8	-924.6	0.00	0.00	1049.6	



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

FORM 9

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>		5. LEASE DESIGNATION AND SERIAL NUMBER: <b>U03505</b>
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:
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		7. UNIT or CA AGREEMENT NAME: <b>RIVERBEND UNIT</b>
2. NAME OF OPERATOR: <b>XTO ENERGY INC.</b>		8. WELL NAME and NUMBER: <b>RBU 11-17E</b>
3. ADDRESS OF OPERATOR: <b>382 CR 3100</b> CITY <b>AZTEC</b> STATE <b>NM</b> ZIP <b>87410</b>		9. API NUMBER: <b>4304737057</b>
4. LOCATION OF WELL FOOTAGES AT SURFACE: <b>1500' FSL &amp; 2100' FWL</b>		10. FIELD AND POOL, OR WLD CAT: <b>NATURAL BUTTES</b>
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: <b>NWSE 17 10S 19E S</b>		COUNTY: <b>UINTAH</b> STATE: <b>UTAH</b>

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: <b>1/10/2008</b>	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <b>MONTHLY REPORTING</b>
	<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.  
Attached is XTO Energy's monthly report for the period of 10/05/2007 to 01/10/2008.

**RECEIVED**  
**JAN 18 2008**  
**DIV. OF OIL, GAS & MINING**

NAME (PLEASE PRINT) <u>DOLENA JOHNSON</u>	TITLE <u>OFFICE CLERK</u>
SIGNATURE <u><i>Dolena Johnson</i></u>	DATE <u>1/15/2008</u>

(This space for State use only)

UJINTAH

**RBU 11-17E**

LOCATION : BHL: 1500° FSL; 2100° FWL, SEC 17-10S-19E  
CONTRACTOR: Frontier Drilling, 6  
WI %:  
AFE#: 0700572  
API#: 43-47-37057  
DATE FIRST RPT: 2/21/2007

DATE: 12/22/2007  
OPERATION: MI&RU  
DFS: 305                      Footage Made:                      Measured Depth:  
MW:                              VISC:  
WOB:                             RPM:  
DMC:                            CMC:                              DWC:                              CWC:                              131,213.00  
TIME DIST: (24.00) MI&RU.

**RBU 11-17E**

LOCATION : BHL: 1500° FSL; 2100° FWL, SEC 17-10S-19E  
CONTRACTOR:  
WI %:  
AFE#: 715568  
API#: 43-47-37057  
DATE FIRST RPT: 12/22/2007

DATE: 12/22/2007  
OPERATION: MI&RU  
DFS: -4.96                      Footage Made:                      Measured Depth:  
MW:                              VISC:  
WOB:                             RPM:  
DMC:                            CMC:                              DWC:                              CWC:                              19,278.00  
TIME DIST: (24.00) MI&RU FROM AP 11-2 J.

DATE: 12/23/2007  
OPERATION: MI&RU  
DFS: -3.96                      Footage Made:                      Measured Depth:  
MW:                              VISC:  
WOB:                             RPM:  
DMC:                            CMC:                              DWC:                              CWC:                              38,556.00  
TIME DIST: (24.00) MI & RU.

DATE: 12/24/2007  
OPERATION: REPAIR LINE SHAFT IN DWRK  
DFS: -2.96                      Footage Made:                      Measured Depth:  
MW:                              VISC:  
WOB:                             RPM:  
DMC:                            CMC:                              DWC:                              CWC:                              73,657.00  
TIME DIST: (24.00) REPAIR LINE SHAFT IN DWRK.

DATE: 12/25/2007  
OPERATION: STAND DOWN FOR CHRISTMAS  
DFS: -1.96                      Footage Made:                      Measured Depth:  
MW:                              VISC:  
WOB:                             RPM:  
DMC:                            CMC:                              DWC:                              CWC:                              92,935.00  
TIME DIST: (24.00) REPAIR LINE SHAFT IN DWRK.

DATE: 12/26/2007  
OPERATION: PREPAIR TO START UP RIG  
DFS: -0.96                      Footage Made:                      Measured Depth:  
MW:                              VISC:  
WOB:                             RPM:  
DMC:                            CMC:                              DWC:                              CWC:                              112,213.00  
TIME DIST: (24.00) SHUT DOWN FOR CHRISTMAS.

DATE: 12/27/2007  
OPERATION: DRILLING @ 560'  
DFS: 0.04                      Footage Made: 16                      Measured Depth: 560  
MW: 8.5                              VISC: 35  
WOB: 5                                RPM: 110  
DMC:                            CMC:                              DWC:                              CWC:                              141,436.00

TIME DIST: (6.00) SRTAP & P/U BHA. (1.00) TRIP OUT. (3.00) MAKE USED BIT & TRIP IN HOLE. (6.00) DRILL CMT & FLOAT EQ. F/440' T/544' AND MUD UP. (0.50) SURVEY @ 544' 3/4 Deg. (0.50) TRIP OUT TO P/U MWD TOOLS. (5.00) P/U MOTOR & MWD TOOLS AND ORIENT. (1.00) TRIP IN WITH BIT #1 & MWD. (1.00) DRILL F/544' T/560'.

DATE: 12/28/2007  
OPERATION: DRILLING @ 1443'  
DFS: 1.04 Footage Made: 883 Measured Depth: 1,443  
MW: 8.7 VISC: 34  
WOB: 15 RPM: 130  
DMC: CMC: DWG: 171,341.00 CWC: 312,777.00  
TIME DIST: (9.50) DRILL SLIDE & ROT. TO BUILD ANGLE F/544' T/749'. (0.50) RIG SERVICE. (14.00) DRILL SLIDE & ROT. F/749' T/1443'.

DATE: 12/29/2007  
OPERATION: DRILLING @ 2238'  
DFS: 2.04 Footage Made: 795 Measured Depth: 2,238  
MW: 8.8 VISC: 38  
WOB: 25 RPM: 130  
DMC: CMC: DWG: 40,387.00 CWC: 353,164.00  
TIME DIST: (8.50) DRLG. SL/ROT F/1443' T/1856'. (0.50) RIG SERVICE. (0.50) RESTART MWD. (14.50) DRLG. SL/ROT F/1856' T/2238'.

DATE: 12/30/2007  
OPERATION: DRILLING @ 2905'  
DFS: 3.04 Footage Made: 667 Measured Depth: 2,905  
MW: 8.8 VISC: 38  
WOB: 25 RPM: 130  
DMC: CMC: DWG: 53,426.00 CWC: 406,590.00  
TIME DIST: (9.00) DRLG. SL/ROT F/2238' T/2588'. (0.50) RIG SERVICE. (14.50) DRLG. SL/ROT F/2588' T/2905'.

DATE: 12/31/2007  
OPERATION: DRILLING @ 3490'  
DFS: 4.04 Footage Made: 585 Measured Depth: 3,490  
MW: 8.9 VISC: 39  
WOB: 25 RPM: 130  
DMC: CMC: DWG: 38,522.00 CWC: 445,112.00  
TIME DIST: (0.50) RESTART MWD. (9.00) DRLG. SL/ROT F/2905' T/3189'. (0.50) RIG SERVICE. (14.00) DRLG. SL/ROT F/3189' T/3490'.

DATE: 1/1/2008  
OPERATION: DRILLING @ 3804'  
DFS: 5.04 Footage Made: 314 Measured Depth: 3,804  
MW: 9.5 VISC: 38  
WOB: 30 RPM: 130  
DMC: CMC: DWG: 53,461.00 CWC: 498,573.00  
TIME DIST: (9.00) DRLG. SL/ROT F/3490' T/3634'. (0.50) RIG SERVICE. (14.50) DRLG. SL/ROT F/3634' T/3804' DROPPING ANGLE.

DATE: 1/2/2008  
OPERATION: DRILLING @ 3953'  
DFS: 6.04 Footage Made: 149 Measured Depth: 3,953  
MW: 9.8 VISC: 39  
WOB: 45 RPM: 130  
DMC: CMC: DWG: 37,287.00 CWC: 535,860.00  
TIME DIST: (4.50) DRLG. SL/ROT F/3804' T/3839' DROPPING ANGLE. (2.50) TRIP OUT FOR MUD MOTOR. (1.00) CHANGE BIT & MOTOR - ORIENT MWD. (2.00) TRIP IN - BRIDGE @ 3650'. (4.00) WASH & REAM F/3650' T/3839'. (10.00) DRLG. SL/ROT. F/3839' T/3953'.

DATE: 1/3/2008  
OPERATION: DRILLING @ 4208' DROPPING ANGLE  
DFS: 7.04 Footage Made: 255 Measured Depth: 4,208  
MW: 9.8 VISC: 39  
WOB: 45 RPM: 130  
DMC: CMC: DWG: 70,016.00 CWC: 605,876.00  
TIME DIST: (8.50) DRLG. F/3953' T/4049'. (0.50) RIG SERVICE. (15.00) DRLG. F/4049' T/4208'.

DATE: 1/4/2008  
OPERATION: RUNNING 9 5/8" CSG.

**DFS:** 8.04 **Footage Made:** 202 **Measured Depth:** 4,410  
**MW:** 9.8 **VISC:** 40  
**WOB:** 45 **RPM:** 130  
**DMC:** **CMC:** **DWC:** 63,925.00 **CWC:** 669,801.00  
**TIME DIST:** (7.00) DRLG. SL/ROT F/4208' T/4303'. (0.50) RIG SERVICE. (7.50) DRLG. SL/ROT F/4303 T/4410'. (1.00) CIRC. & COND.. (4.00) TRIP OUT TO RUN 9 5/8" CSG.. (4.00) RIG UP WEATHERFORD TRS & RUN 9 5/8" CSG..

**DATE:** 1/5/2008  
**OPERATION:** PRESS. TEST BOP  
**DFS:** 9.04 **Footage Made:** 0 **Measured Depth:** 4,410  
**MW:** **VISC:**  
**WOB:** **RPM:**  
**DMC:** **CMC:** **DWC:** 183,836.00 **CWC:** 853,637.00  
**TIME DIST:** (5.00) RAN 98 JTS. 9 5/8" 36# J-55 WITH FLOAT SHOE & COLLAR TOTAL 4401'. (2.50) CIRC. & COND. - RIG UP HALLIBURTON. (3.00) CMT. WITH HALLIBURTON LEAD = 520 SK TYPE III WT. 10.5 YIELD 4.14 383 BBL - TAIL = 240 SK TYPE I WT. 15.6 YIELD 1.20 51BBL - DROP PULG & DISP. WITH 336 BBL WATER PLUG BUMPED FLOATS HELD +/- 60 BBL CMT TO SURF. - HOLE STAYED FULL. (8.50) NIPPLE DOWN 13 5/8" DIVERTER & NIPPLE UP 11" BOP. (5.00) PRESSURE TEST BOP & CHOKE T/3000 psi ANNULAR & CSG. T/1500 psi.

**DATE:** 1/6/2008  
**OPERATION:** DRILLING @ 4822'  
**DFS:** 10.04 **Footage Made:** 412 **Measured Depth:** 4,822  
**MW:** 8.5 **VISC:** 28  
**WOB:** 15 **RPM:** 115  
**DMC:** **CMC:** **DWC:** 37,739.00 **CWC:** 891,376.00  
**TIME DIST:** (5.00) TEST BOP & CHOKE T/3000 psi ANNULAR & CSG. T/1500 psi AND SET WEAR BUSHING. (2.50) STRIGHTEN BENT KELLY. (3.50) P/U BHA & TRIP IN HOLE. (4.00) DRILL CMT. & FLOAT EQ. F/4340 T/4410'. (6.00) DRLG. F/4410' T/4727'. (0.50) SURVEY @ 4661' 2 Deg.. (2.50) DRLG. F/4727' T/4822'.

**DATE:** 1/7/2008  
**OPERATION:** DRILLING @ 6157'  
**DFS:** 11.04 **Footage Made:** 1,335 **Measured Depth:** 6,157  
**MW:** 8.5 **VISC:** 28  
**WOB:** 20 **RPM:** 115  
**DMC:** **CMC:** **DWC:** 34,908.00 **CWC:** 926,284.00  
**TIME DIST:** (6.50) DRLG. F/4822' T/5204'. (0.50) RIG SERVICE. (0.50) SURVEY @ 5130' 2 Deg.. (6.00) DRLG. F/5204' T/5681'. (0.50) SURVEY @ 5615' 1 1/4 Deg.. (9.50) DRLG. F/5681' T/6157'. (0.50) RUNNING SURVEY.

**DATE:** 1/8/2008  
**OPERATION:** DRILLING @ 7397'  
**DFS:** 12.04 **Footage Made:** 1,240 **Measured Depth:** 7,397  
**MW:** 8.6 **VISC:** 28  
**WOB:** 25 **RPM:** 115  
**DMC:** **CMC:** **DWC:** 34,908.00 **CWC:** 961,192.00  
**TIME DIST:** (10.50) DRLG. F/6157' T/6826'. (0.50) RIG SERVICE. (5.00) DRLG. F/6826' T/7111'. (0.50) SURVEY @ 7077' 2 1/2 Deg.. (7.50) DRLG. F/7111' T/7397'.

**DATE:** 1/9/2008  
**OPERATION:** DRILLING @ 8443'  
**DFS:** 13.04 **Footage Made:** 1,046 **Measured Depth:** 8,443  
**MW:** 8.6 **VISC:** 28  
**WOB:** 25 **RPM:** 115  
**DMC:** **CMC:** **DWC:** 47,713.00 **CWC:** 1,008,905.00  
**TIME DIST:** (9.50) DRLG. F/7397' T/7874'. (0.50) RIG SERVICE. (14.00) DRLG. F/7874' T/8443'.

**DATE:** 1/10/2008  
**OPERATION:** TRIP IN WITH BIT #4  
**DFS:** 14.04 **Footage Made:** 286 **Measured Depth:** 8,729  
**MW:** 9 **VISC:** 38  
**WOB:** 15 **RPM:** 115  
**DMC:** **CMC:** **DWC:** 45,719.00 **CWC:** 1,054,624.00  
**TIME DIST:** (10.00) DRLG. F/8443' T/8665'. (0.50) RIG SERVICE. (5.50) DRLG. F/8665' T/8729'. (3.00) TRIP OUT FOR BIT #4 - NO TIGHT HOLE. (5.00) CHANGE BIT FUNCTION TEST BOP & TRIP IN TO 8720'.

# HALLIBURTON

# Cementing Job Summary

105 19E 17 The Road to Excellence Starts with Safety

Sold To #: 301599	Ship To #: UNKNOWN	Quote #:	Sales Order #: 5603516
Customer: XTO ENERGY INC		Customer Rep: SEELEY, SCOTT	
Well Name: River Bend Unit <b>RBU</b>	Well #: 11-17E	API/UWI #: <b>43DA737D57</b>	
Field: NATURAL BUTTES	City (SAP): UNKNOWN	County/Parish: Uintah	State: Utah
Contractor: Frontier Drilling	Rig/Platform Name/Num: Frontier 6		
Job Purpose: Cement Production Casing			
Well Type: Development Well	Job Type: Cement Production Casing		
Sales Person: KRUGER, ROBERT	Srvc Supervisor: HUBBELL, JARED	MBU ID Emp #: 293464	

### Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
DEARING, KEN A	6.0	239372	HUBBELL, JARED Winston	6.0	293464	JOHNSON, DAVID	6.0	418417
SHAVER, SCOTT L	6.0	361436	STEVENS, HARRY J	6.0	388655			

### Equipment

HES Unit #	Distance-1 way						

### Job Hours

Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours
1/11/08	6.5	2						
<b>TOTAL</b>			<i>Total is the sum of each column separately</i>					

### Job

### Job Times

Formation Name	Formation Depth (MD) Top	Bottom	Called Out	Date	Time	Time Zone
			On Location	11 - Jan - 2008	12:00	MST
Form Type	BHST	158 degF	Job Started	11 - Jan - 2008	14:30	MST
Job depth MD	8650. ft	Job Depth TVD	Job Completed	11 - Jan - 2008	18:00	MST
Water Depth		Wk Ht Above Floor	Job Started	11 - Jan - 2008	19:25	MST
Perforation Depth (MD) From		To	Job Completed	11 - Jan - 2008	20:30	MST
			Departed Loc	11 - Jan - 2008		MST

### Well Data

Description	New / Used	Max pressure psig	Size in	ID in	Weight lbm/ft	Thread	Grade	Top MD ft	Bottom MD ft	Top TVD ft	Bottom TVD ft
9 5/8" Surface	Used		9.625	8.921	36.		J-55		4400.		
7 7/8" Open Hole				7.875				4400.	8650.		
5 1/2" Production	Used		5.5	4.892	17.				8650.		

### Tools and Accessories

Type	Size	Qty	Make	Depth	Type	Size	Qty	Make	Depth	Type	Size	Qty	Make
Guide Shoe					Packer					Top Plug			
Float Shoe					Bridge Plug					Bottom Plug			
Float Collar					Retainer					SSR plug set			
Insert Float										Plug Container			
Stage Tool										Centralizers			

### Miscellaneous Materials

Gelling Agt	Conc	Surfactant	Conc	Acid Type	Qty	Conc	%
Treatment Fld	Conc	Inhibitor	Conc	Sand Type	Size	Qty	

### Fluid Data

Stage/Plug #: 1											
Fluid #	Stage Type	Fluid Name	Qty	Qty uom	Mixing Density lbm/gal	Yield ft <sup>3</sup> /sk	Mix Fluid Gal/sk	Rate bbl/min	Total Mix Fluid Gal/sk		

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# HALLIBURTON

## Cementing Job Summary

Stage/Plug #: 1										
Fluid #	Stage Type	Fluid Name	Qty	Qty uom	Mixing Density lbm/gal	Yield ft <sup>3</sup> /sk	Mix Fluid Gal/sk	Rate bbl/min	Total Mix Fluid Gal/sk	
1	MUD FLUSH	MUD FLUSH - ZI - SBM (13383)	20.0	bbl	8.4	.0	.0	5.0		
2	3% KCL Water		10.0	bbl	8.48	.0	.0	5.0		
3	Lead Cement	HIGHFILL CEMENT - SBM (17579)	40.0	sacks	11.6	3.12	17.83	5.0	17.83	
		17.804 Gal								
		FRESH WATER								
4	Tail Cement	HALLIBURTON LIGHT PREMIUM PLUS - SBM (14241)	750.0	sacks	13.	1.75	9.06	5.0	9.06	
		3 %	POTASSIUM CHLORIDE 7% (100001585)							
		1 %	ECONOLITE (100001580)							
		0.6 %	HALAD(R)-322, 50 LB (100003646)							
		0.2 %	HR-5, 50 LB SK (100005050)							
		9.06 Gal	FRESH WATER							
5	3% KCL Displacement		202.5	bbl	8.48	.0	.0	5.0		
Calculated Values			Pressures			Volumes				
Displacement	203.3	Shut In: Instant		Lost Returns		Cement Slurry		Pad		
Top Of Cement		5 Min		Cement Returns		Actual Displacement		Treatment		
Frac Gradient		15 Min		Spacers		Load and Breakdown		Total Job		
Rates										
Circulating		Mixing		Displacement		Avg. Job				
Cement Left in Pipe	Amount	40 ft	Reason	Shoe Joint						
Frac Ring # 1 @	ID	Frac ring # 2 @	ID	Frac Ring # 3 @	ID	Frac Ring # 4 @	ID			
The Information Stated Herein Is Correct				Customer Representative Signature						

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

FORM 9

5. LEASE DESIGNATION AND SERIAL NUMBER:

U-03505

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

RIVERBEND UNIT

8. WELL NAME and NUMBER:

RBU 11-17E

9. API NUMBER:

4304737057

10. FIELD AND POOL, OR WILDCAT:

NATURAL BUTTES

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

1. TYPE OF WELL OIL WELL  GAS WELL  OTHER \_\_\_\_\_

2. NAME OF OPERATOR:  
XTO ENERGY INC.

3. ADDRESS OF OPERATOR:  
382 CR 3100 CITY AZTEC STATE NM ZIP 87410

PHONE NUMBER:  
(505) 333-3100

4. LOCATION OF WELL  
FOOTAGES AT SURFACE: 1991' FSL & 2275' FEL  
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWSE 17 10S 19E 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 type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: 1/31/2008	<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: MONTHLY DRILLING REPORT
	<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.

Attached is XTO Energy's monthly report for the period of 01/01/2008 to 01/31/2008.

NAME (PLEASE PRINT) DOLENA JOHNSON TITLE OFFICE CLERK  
SIGNATURE *Dolena Johnson* DATE 2/5/2008

(This space for State use only)

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FEB 08 2008

DIV. OF OIL, GAS & MINING

**UINTAH**

**RBU 11-17E**

LOCATION: BHL: 1500° FSL; 2100° FWL, SEC 17-10S-19E  
CONTRACTOR: Frontier Drilling, 6  
WI %:  
AFE#: 715568  
API#: 43-47-37057  
DATE FIRST RPT: 12/22/2007

DATE: 1/1/2008  
OPERATION: DRILLING @ 3804'  
DFS: 5.04 Footage Made: 314 Measured Depth: 3,804  
MW: 9.5 VISC: 38  
WOB: 30 RPM: 130  
DMC: CMC: DWC: 53,461.00 CWC: 498,573.00  
TIME DIST: (9.00) DRLG. SL/ROT F/3490' T/3634'. (0.50) RIG SERVICE. (14.50) DRLG. SL/ROT F/3634' T/3804' DROPPING ANGLE.

DATE: 1/2/2008  
OPERATION: DRILLING @ 3953'  
DFS: 6.04 Footage Made: 149 Measured Depth: 3,953  
MW: 9.8 VISC: 39  
WOB: 45 RPM: 130  
DMC: CMC: DWC: 37,287.00 CWC: 535,860.00  
TIME DIST: (4.50) DRLG. SL/ROT F/3804' T/3839' DROPPING ANGLE. (2.50) TRIP OUT FOR MUD MOTOR. (1.00) CHANGE BIT & MOTOR - ORIENT MWD. (2.00) TRIP IN - BRIDGE @ 3650'. (4.00) WASH & REAM F/3650' T/3839'. (10.00) DRLG. SL/ROT. F/3839' T/3953'.

DATE: 1/3/2008  
OPERATION: DRILLING @ 4208' DROPPING ANGLE  
DFS: 7.04 Footage Made: 255 Measured Depth: 4,208  
MW: 9.8 VISC: 39  
WOB: 45 RPM: 130  
DMC: CMC: DWC: 70,016.00 CWC: 605,876.00  
TIME DIST: (8.50) DRLG. F/3953' T/4049'. (0.50) RIG SERVICE. (15.00) DRLG. F/4049' T/4208'.

DATE: 1/4/2008  
OPERATION: RUNNING 9 5/8" CSG.  
DFS: 8.04 Footage Made: 202 Measured Depth: 4,410  
MW: 9.8 VISC: 40  
WOB: 45 RPM: 130  
DMC: CMC: DWC: 63,925.00 CWC: 669,801.00  
TIME DIST: (7.00) DRLG. SL/ROT F/4208' T/4303'. (0.50) RIG SERVICE. (7.50) DRLG. SL/ROT F/4303 T/4410'. (1.00) CIRC. & COND.. (4.00) TRIP OUT TO RUN 9 5/8" CSG.. (4.00) RIG UP WEATHERFORD TRS & RUN 9 5/8" CSG..

DATE: 1/5/2008  
OPERATION: PRESS.TEST BOP  
DFS: 9.04 Footage Made: 0 Measured Depth: 4,410  
MW: VISC:  
WOB: RPM:  
DMC: CMC: DWC: 183,836.00 CWC: 853,637.00  
TIME DIST: (5.00) RAN 98 JTS. 9 5/8" 36# J-55 WITH FLOAT SHOE & COLLAR TOTAL 4401'. (2.50) CIRC. & COND. - RIG UP HALLIBURTON. (3.00) CMT. WITH HALLIBURTON LEAD = 520 SK TYPE III WT. 10.5 YIELD 4.14 383 BBL - TAIL = 240 SK TYPE I WT.15.6 YIELD1.20 51BBL - DROP PULG & DISP. WITH 336 BBL WATER PLUG BUMPED FLOATS HELD +/- 60 BBL CMT TO SURF. - HOLE STAYED FULL. (8.50) NIPPLE DOWN 13 5/8 DIVERTER & NIPPLE UP 11" BOP. (5.00) PRESSURE TEST BOP & CHOKE T/3000 psi ANNULAR & CSG. T/1500 psi.

DATE: 1/6/2008  
OPERATION: DRILLING @ 4822'  
DFS: 10.04 Footage Made: 412 Measured Depth: 4,822  
MW: 8.5 VISC: 28  
WOB: 15 RPM: 115  
DMC: CMC: DWC: 37,739.00 CWC: 891,376.00  
TIME DIST: (5.00) TEST BOP & CHOKE T/3000 psi ANNULAR & CSG. T/1500 psi AND SET WEAR BUSHING. (2.50) STRIGHTEN BENT KELLY. (3.50) P/U BHA & TRIP IN HOLE. (4.00) DRILL CMT. & FLOAT EQ. F/4340 T/4410'. (6.00) DRLG. F/4410' T/4727'. (0.50) SURVEY @ 4661' 2 Deg.. (2.50) DRLG. F/4727' T/4822'.

**DATE:** 1/7/2008  
**OPERATION:** DRILLING @ 6157'  
**DFS:** 11.04 **Footage Made:** 1,335 **Measured Depth:** 6,157  
**MW:** 8.5 **VISC:** 28  
**WOB:** 20 **RPM:** 115  
**DMC:** **CMC:** **DWC:** 34,908.00 **CWC:** 926,284.00  
**TIME DIST:** (6.50) DRLG. F/4822' T/5204'. (0.50) RIG SERVICE. (0.50) SURVEY @ 5130' 2 Deg.. (6.00) DRLG. F/5204' T/5681'. (0.50) SURVEY @ 5615' 1 1/4 Deg.. (9.50) DRLG. F/5681' T/6157'. (0.50) RUNNING SURVEY.

**DATE:** 1/8/2008  
**OPERATION:** DRILLING @ 7397'  
**DFS:** 12.04 **Footage Made:** 1,240 **Measured Depth:** 7,397  
**MW:** 8.6 **VISC:** 28  
**WOB:** 25 **RPM:** 115  
**DMC:** **CMC:** **DWC:** 34,908.00 **CWC:** 961,192.00  
**TIME DIST:** (10.50) DRLG. F/6157' T/6826'. (0.50) RIG SERVICE. (5.00) DRLG. F/6826' T/7111'. (0.50) SURVEY @ 7077' 2 1/2 Deg.. (7.50) DRLG. F/7111' T/7397'.

**DATE:** 1/9/2008  
**OPERATION:** DRILLING @ 8443'  
**DFS:** 13.04 **Footage Made:** 1,046 **Measured Depth:** 8,443  
**MW:** 8.6 **VISC:** 28  
**WOB:** 25 **RPM:** 115  
**DMC:** **CMC:** **DWC:** 47,713.00 **CWC:** 1,008,905.00  
**TIME DIST:** (9.50) DRLG. F/7397' T/7874'. (0.50) RIG SERVICE. (14.00) DRLG. F/7874' T/8443'.

**DATE:** 1/10/2008  
**OPERATION:** TRIP IN WITH BIT #4  
**DFS:** 14.04 **Footage Made:** 286 **Measured Depth:** 8,729  
**MW:** 9 **VISC:** 38  
**WOB:** 15 **RPM:** 115  
**DMC:** **CMC:** **DWC:** 45,719.00 **CWC:** 1,054,624.00  
**TIME DIST:** (10.00) DRLG. F/8443' T/8665'. (0.50) RIG SERVICE. (5.50) DRLG. F/8665' T/8729'. (3.00) TRIP OUT FOR BIT # 4 - NO TIGHT HOLE. (5.00) CHANGE BIT FUNCTION TEST BOP & TRIP IN TO 8720'.

**DATE:** 1/11/2008  
**OPERATION:** LAY DOWN D.P.  
**DFS:** 15.04 **Footage Made:** -8,623 **Measured Depth:** 8,835  
**MW:** 9.1 **VISC:** 39  
**WOB:** 15 **RPM:** 115  
**DMC:** **CMC:** **DWC:** 38,788.00 **CWC:** 1,093,412.00  
**TIME DIST:** (2.00) DRLG. F/8729' T/8835'. (3.00) CIRC. & COND.. (4.50) TRIP OUT TO LOG - NO TIGHT HOLE. (6.50) R/U SCHLUMBERGER & RAN PLATFORM EXPRESS WITH DIRECTIONAL LOG - LOGGERS T.D. 8834'. (3.50) TRIP IN. (3.50) CIRC. & COND.. (1.00) LAY DOWN D.P..

**DATE:** 1/12/2008  
**OPERATION:** RIGGING DOWN  
**DFS:** 16.04 **Footage Made:** 0 **Measured Depth:** 8,835  
**MW:** **VISC:**  
**WOB:** **RPM:**  
**DMC:** **CMC:** **DWC:** 227,287.00 **CWC:** 1,320,699.00  
**TIME DIST:** (4.00) LAY DOWN D.P. & BHA. (6.00) RIG UP WEATHERFORD TRS & RAN 198 JTS. 5 1/2" 17# N-80 LT&C WITH DIFF FILL FLOAT & SHOE - SHOE SET @ 8821'. (2.00) CIRC. & COND. FOR CMT.. (2.00) CMT. WITH HALLIBURTON PUMPED30 BBLs FLUSH AHEAD OF LEAD = 40 SK HIGHFILL WT 11.6 YIELD 3.12 22.3 BBL - TAIL = 750 SK LIGHT PLUS WT 13.0 YIELD 1.75 233.8 BBL - DROP PLUG & DISP. WITH 203 BBL 2% KCL WATER - PLUG BUMPED FLOATS HELD - HAD FULL RET.. (8.00) NIPPLE DOWN & CLEAN MUD TANKS. (2.00) RELEASED RIG @ 04:00 1/12/08 RIG DOWN & PREPAIR TO MOVE TO RBU 17-10 E.

**DATE:** 1/13/2008  
**OPERATION:** RIG DOWN & PREPAIER TO MOVE TO RBU 17-10E  
**DFS:** 17.04 **Footage Made:** 0 **Measured Depth:** 8,835  
**MW:** **VISC:**  
**WOB:** **RPM:**  
**DMC:** **CMC:** **DWC:** 20,451.00 **CWC:** 1,341,150.00  
**TIME DIST:** (24.00) RIG DOWN AND PREPAIR TO MOVE TO RBU 17-10 E.

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

FORM 9

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>		5. LEASE DESIGNATION AND SERIAL NUMBER: <b>U-03505</b>
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:
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		7. UNIT or CA AGREEMENT NAME: <b>RIVERBEND UNIT</b>
2. NAME OF OPERATOR: <b>XTO ENERGY INC.</b>		8. WELL NAME and NUMBER: <b>RBU 11-17E</b>
3. ADDRESS OF OPERATOR: 382 CR 3100 CITY <b>AZTEC</b> STATE <b>NM</b> ZIP <b>87410</b>	PHONE NUMBER: <b>(505) 333-3100</b>	9. API NUMBER: <b>4304737057</b>
4. LOCATION OF WELL FOOTAGES AT SURFACE: <b>1991' FSL &amp; 2275' FEL</b> QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: <b>NWSE 17 10S 19E S</b>		10. FIELD AND POOL, OR WLD CAT: <b>NATURAL BUTTES</b> COUNTY: <b>UINTAH</b> STATE: <b>UTAH</b>

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate)  Approximate date work will start: _____  <input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only)  Date of work completion: <b>2/29/2008</b>	<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/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"/> TEMPORARILY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUT-OFF <input checked="" type="checkbox"/> OTHER: <b>FEB'08 MONTHLY REPORTING</b>

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

Attached is XTO Energy's monthly report for the period of 02/01/2008 through 02/29/2008.

NAME (PLEASE PRINT) <u>DOLENA JOHNSON</u>	TITLE <u>OFFICE CLERK</u>
SIGNATURE <u><i>Dolena Johnson</i></u>	DATE <u>3/1/2008</u>

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## Farmington Well Workover Report

RIVERBEND UNIT	Well # 011-17E	MV/WSTC
<b>Objective:</b>	Drill & Complete	
<b>First Report:</b>	12/10/2007	
<b>AFE:</b>	715568	
<b>2/2/08</b>	Std MI equip to loc. SDFWE.	
<b>2/4/08</b>	Compl MI equip to loc. Std stringing out 336', welded 168' of 4" .188W X42 steel gas line. Std pre-fabrication of 3" mtr run tie in. Compl 5 – 2" welds, 9 – 4" welds & 5 – 4" bvls. SDFN.	
<b>2/6/08</b>	Compl MI equip to loc. Compl stringing out 336', Cont welding 294' of 4" .188W X42 steel gas line. Compl pre-fabrication of 3" mtr run tie in. Compl 10 – 4" welds, 3 – 3" welds & 1 – 2" bvls. Cont transitioned 3 - 4" fittings. SDFN.	
<b>2/7/08</b>	Compl 3 – 4" welds, 2 – 2" welds. Compl inst of 1 – 4" pipeline ancor. SDFN.	
<b>2/8/08</b>	Compl PT on 4" .188W X42 steel gas line for 8 hrs @ 900 psig. PT good. SDFN.	
<b>2/11/08</b>	Compl PT on 4" .188W X42 steel gas line for 8 hrs @ 900 psig. PT good. SDFN.	
<b>2/15/08</b>	Rpt for AFE #715568 to D&C. MI build pads for sep/dehy combo unit, tk & mtr. Set 12' x 15' US Tankco O tk (SN 1) w/500K htr & 12' x 15' US Tankco wtr tk (SN 2) w/500k htr. Set 3 ph Pessco sep/dehy combo unit w/pre htr w/250k heater & 16" X 8'4" sep (SN 206666) & 16" x 14' absorber tower (SN 102416) & dehy w/125k htr. Build pad & set 3" sales mtr run w/Daniels Simplex w/600 psig flgs. Run 2" sch 80 TBE bare pipe fr/WH to combo unit & fr/combo unit to prod tk. Run 2" In fr/combo unit to sales mtr. Run 1/2" steel tbg for heat tr to tk & WH. Inst tk containment ring 44" x 52' x 16 ga painted Carlsbad Tan. Ins & tin flw ln & tk ln. Susp rpt pending further activity.	

**STATE OF UTAH**  
DEPARTMENT OF NATURAL RESOURCES  
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FORM 9

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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:
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		7. UNIT or CA AGREEMENT NAME: <b>RIVERBEND UNIT</b>
2. NAME OF OPERATOR: <b>XTO ENERGY INC.</b>		8. WELL NAME and NUMBER: <b>RBU 11-17E</b>
3. ADDRESS OF OPERATOR: 382 CR 3100 CITY <b>AZTEC</b> STATE <b>NM</b> ZIP <b>87410</b>	PHONE NUMBER: <b>(505) 333-3100</b>	9. API NUMBER: <b>4304737057</b>
4. LOCATION OF WELL FOOTAGES AT SURFACE: <b>1991' FSL &amp; 2275' FEL</b> COUNTY: <b>UINTAH</b> QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: <b>NWSE 17 10S 19E S</b> STATE: <b>UTAH</b>		10. FIELD AND POOL, OR WLD CAT: <b>NATURAL BUTTES</b>

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: <b>3/31/2008</b>	<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: <b>MARCH MONTHLY REPORT</b>
	<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.

XTO Energy has nothing to report on this well for the period of 03/01/2008 thru 03/31/2008.

NAME (PLEASE PRINT) <u>DOLENA JOHNSON</u>	TITLE <u>OFFICE CLERK</u>
SIGNATURE <u><i>Dolena Johnson</i></u>	DATE <u>4/3/2008</u>

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

FORM 9

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>			5. LEASE DESIGNATION AND SERIAL NUMBER: <b>U-03505</b>
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:
1. TYPE OF WELL    OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____			7. UNIT or CA AGREEMENT NAME: <b>RIVERBEND UNIT</b>
2. NAME OF OPERATOR: <b>XTO ENERGY INC.</b>			8. WELL NAME and NUMBER: <b>RBU 11-17E</b>
3. ADDRESS OF OPERATOR: <b>382 CR 3100</b>		CITY <b>AZTEC</b> STATE <b>NM</b> ZIP <b>87410</b>	9. API NUMBER: <b>4304737057</b>
4. LOCATION OF WELL FOOTAGES AT SURFACE: <b>1991' FSL &amp; 2275' FEL</b>			10. FIELD AND POOL, OR WMLDCAT: <b>NATURAL BUTTES</b>
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: <b>NWSE 17 10S 19E S</b>			COUNTY: <b>UINTAH</b>
			STATE: <b>UTAH</b>

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate)  Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
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	<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 checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only)  Date of work completion: <b>4/30/2008</b>	<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: <b>APRIL MONTHLY REPORT</b>
	<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.

Attached is XTO Energy's monthly report for the period of 4/01/2008 thru 4/30/2008.

NAME (PLEASE PRINT) <u>WANETT MCCAULEY</u>	TITLE <u>FILE CLERK</u>
SIGNATURE <u><i>Wanett McCauley</i></u>	DATE <u>5/2/2008</u>

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**MAY 08 2008**

DIV. OF OIL, GAS & MINING

**Farmington Well Workover Report**

<b>RIVERBEND UNIT</b>	<b>Well # 011-17E</b>	<b>MV/WSTC</b>
-----------------------	-----------------------	----------------

**Objective:** Drill & Complete

**First Report:** 12/10/2007

**AFE:** 715568

**4/1/08** SICP 0 psig. MIRU HES, and Casedhole Solutions. Held safety mtg & PT all surface lines to 8,000 psig, held gd. BD MV stg #1 perfs w/2% KCL wtr and EIR. A. MV perfs fr/8,585' - 8,667' w/1250 gals of 7-1/2% NEFE HCL ac & 96 Bio-BS @ 12 BPM dwn 5-1/2" csg. ISIP 2,824 psig, 5" SIP 3,073 psig, 10" SIP 2,966 psig, surge balls off perfs & SD 20". Frac'd MV stg #1 perfs fr/8,585' - 8,667', dwn 5-1/2" csg w/34,969 gals wtr, 70Q CO2 foam fld (Pure Gel 3), 2% KCl wtr carrying 100,600 lbs Premium White 20/40 sd, coated w/Expedite Lite. Max sd conc 4 ppg, ISIP 3,490 psig, 5" SIP 3,398 psig. Used 127 tons of CO2, 833 BLWTR (stg 1). RIH & set 10K CBP @ 8,560'. PT plg to 6,000 psig, gd tst. RIH w/3-3/8" csg guns loaded w/Titan EXP-3323-321T, 25 gm chrgs. Perf stage #2 intv fr/8,396' - 8,400', 8,405' - 8,410', 8,418' - 8,420', 8,440' - 8,444' & 8,456' - 8,460' w/3 JSPF (120 deg phasing, 0.41" EHD, 45.16" pene., 62 holes). POH & LD perf guns. BD MV stg #2 perfs w/2% KCL wtr and EIR. A. MV perfs fr/8,396' - 8,460' w/1250 gals of 7-1/2% NEFE HCL ac & 93 Bio-BS @ 12 BPM dwn 5-1/2" csg. ISIP 3,408 psig, 5" SIP 3,073 psig, 10" SIP 2,966 psig, surge balls off perfs & SD 20". Frac'd MV stg #2 perfs fr/8,396' - 8,460', dwn 5-1/2" csg w/47,806 gals wtr, 70Q CO2 foam fld (Pure Gel 3), 2% KCl wtr carrying 180,500 lbs Premium White 20/40 sd, coated w/Expedite Lite. Max sd conc 4 ppg, ISIP 3,425 psig, 5" SIP 3,233 psig. Used 230 tons of CO2, 1138 BLWTR (stg 2). RIH & set 10K CBP @ 8,160'. PT plg to 6,000 psig, gd tst. RIH w/3-3/8" csg guns loaded w/Titan EXP-3323-321T, 25 gm chrgs. Perf stage #3 intv fr/8,006' - 8,012' & 8,020' - 8,024' w/3 JSPF (120 deg phasing, 0.41" EHD, 45.16" pene., 32 holes). POH & LD perf guns. BD MV stg #3 perfs w/2% KCL wtr and EIR. A. MV perfs fr/8,006' - 8,024' w/750 gals of 7-1/2% NEFE HCL ac & 48 Bio-BS @ 12 BPM dwn 5-1/2" csg. ISIP 3,844 psig, 5" SIP 3,607 psig, 10" SIP 3,496 psig, surge balls off perfs & SD 20". Frac'd MV stg #3 perfs fr/8,006' - 8,024', dwn 5-1/2" csg w/29,294 gals wtr, 70Q CO2 foam fld (Pure Gel 3), 2% KCl wtr carrying 49,000 lbs Premium White 20/40 sd, coated w/Expedite Lite. Max sd conc 4 ppg, ISIP 3,998 psig, 5" SIP 3,740 psig. Used 230 tons of CO2, 698 BLWTR (stg 3). RIH & set 10K CBP @ 6,900'. PT plg to 6,000 psig, gd tst. RIH w/3-3/8" csg guns loaded w/Titan EXP-3323-321T, 25 gm chrgs. Perf stage #4 intv fr/6,677' - 6,688', w/3 JSPF (120 deg phasing, 0.41" EHD, 45.16" pene., 34 holes). POH & LD perf guns. SWI & SDFN. 2669 BLWTR ttl. Rpts suspd until further activity.

**4/15/08** SICP 0 psig. MIRU Casedhole Solutions WLU and HES. Hold safety mtg & PT surf lines to 7000 psig. BD CW stg #4 perfs w/2% KCL wtr and EIR. A. CW perfs fr/6,677' - 6,688' w/750 gals of 7-1/2% NEFE HCL ac and 51 Bio-balls @ 12 bpm dwn 5-1/2" csg. ISIP 5,991 psig, 5" 2,058 psig, 10" 2,038, (Gd ball action) surge balls off perfs & SD 20". Frac'd CW stg #4 perfs fr/6,677' - 6,688', dwn 5-1/2" csg w/12,611 gals wtr, 70Q N2 foamed fld (13 cp Delta 200), 2% KCl wtr carrying 28,692 lbs Premium White 20/40 sd, coated w/Expedite Lite. Max sd conc 4 ppg, ISIP 2,313 psig, 5" SIP 2,109 psig, used 429 mscf of N2, 495 BLWTR. RIH & set CFP @ 6,440', PT plg to 5000 psig. Gd tst. RIH w/ 3-3/8" csg guns loaded w/Titan EXP-3323-321T, 25 gm chrgs. Perf stage #5 intv fr/6,224' - 6,244' w/3 SPF (120 deg phasing, 0.41" EHD, 45.16" pene., 61 holes). POH & LD perf guns. BD CW stg #5 perfs w/2% KCL wtr & EIR. A. MV perfs fr/6,224' - 6,244' w/1,250 gals of 7-1/2% NEFE HCL ac & 92 Bio-BS @ 12 BPM dwn 5-1/2" csg ISIP 1,558 psig, 5" SIP 1,488 psig, 10" SIP 1,442 psig, (Gd ball action) surge balls off perfs & SD 20". Frac'd CW stg #5 perfs fr/6,224' - 6,244' dwn 5-1/2" csg w/21,200 gals wtr, 70Q N2 foamed fld (13 cp Delta 200), 2% KCl wtr carrying 89,700 lbs Premium White 20/40 sd, coated w/Expedite Lite. Max sd conc 4 ppg, ISIP 3,436 psig, 5" SIP 3,190 psig, used 1,186 mscf of N2, 592 BLWTR. SWI for 4 hrs. 1087 ttl BLWTR. RDMO Casedhole Solutions & HES. Ttl BLWTR for 5 stages 3756. OWU @ 5:00 p.m. SICP 2900 psig. FCP 1200 psig. F. 0 B0, 132 BLW, 12 hrs, 12/64 ck, rets of fld & N2. 3624 BLWTR.

Flow

<b>Zone:</b>	CASTLE GATE			
<b>Event Desc:</b>	FLOW BACK		<b>Top Interval:</b> 6,224	<b>Bottom Interval:</b> 6,244
	<b>Avg</b>	<b>Choke</b>	<b>BBLs</b>	
<b>Time</b>	<b>Press</b>	<b>Size</b>	<b>Rec</b>	<b>Comments</b>
5:00:00 PM	2,900	12/64	0	OWU.
6:00:00 PM	2,600	12/64	20	Fld & N2.
7:00:00 PM	2,500	12/64	18	Fld & N2.
8:00:00 PM	2,150	12/64	13	Fld & N2.
9:00:00 PM	1,900	12/64	9	Fld & N2.
10:00:00 PM	1,750	12/64	8	Fld & N2.
11:00:00 PM	1,600	12/64	10	Fld & N2.
12:00:00 AM	1,500	12/64	9	Fld & N2.
1:00:00 AM	1,450	12/64	8	Fld & N2.
2:00:00 AM	1,350	12/64	8	Fld & N2.

3:00:00 AM	1,300	12/64	12	Fld & N2.
4:00:00 AM	1,250	12/64	8	Fld & N2.
5:00:00 AM	1,200	12/64	9	Fld & N2.

**Ttl Bbls:** 132

4/16/08 FCP 1150 psig. F. 0 B0, 201 BLW, 24 hrs, fcp 1150 - 1200 psig, 18/64 ck. Rets of gas, wtr & lt sd. 3423 BLWTR.

Flow	Zone:	CASTLE GATE		Top Interval:	6,224	Bottom Interval:	6,244
	Event Desc:	FLOW BACK					
		Avg	Choke	BBLs			
	Time	Press	Size	Rec	Comments		
	6:00:00 AM	1,150	18/64	9	Tr of sd.		
	7:00:00 AM	1,150	18/64	9			
	8:00:00 AM	1,250	18/64	7			
	9:00:00 AM	1,350	18/64	9			
	10:00:00 AM	1,350	18/64	10			
	11:00:00 AM	1,250	18/64	7			
	12:00:00 PM	1,300	18/64	8			
	1:00:00 PM	1,300	18/64	6	Tr of sd.		
	2:00:00 PM	1,300	18/64	77			
	3:00:00 PM	1,300	18/64	10			
	4:00:00 PM	1,300	18/64	8			
	5:00:00 PM	1,300	18/64	9			
	6:00:00 PM	1,300	18/64	7			
	7:00:00 PM	1,300	18/64	9	Tr of sd.		
	8:00:00 PM	1,400	18/64	8			
	9:00:00 PM	1,300	18/64	9			
	10:00:00 PM	1,300	18/64	8			
	11:00:00 PM	1,300	18/64	7	Tr of sd.		
	12:00:00 AM	1,300	18/64	10			
	1:00:00 AM	1,200	18/64	9			
	2:00:00 AM	1,200	18/64	8			
	3:00:00 AM	1,200	18/64	10			
	4:00:00 AM	1,200	18/64	9	Tr of sd.		
	5:00:00 AM	1,200	18/64	8			
			<b>Ttl Bbls:</b>	271			

4/18/08 FCP 1200 psig. F. 0 B0, 45 BLW, 24 hrs, FCP 1200- 800 psig, 18/64' ck. Rets of gas, wtr & tr of sd. 3332 BLWTR

Flow	Zone:	CASTLE GATE		Top Interval:	6,224	Bottom Interval:	6,244
	Event Desc:	FLOW BACK					
		Avg	Choke	BBLs			
	Time	Press	Size	Rec	Comments		
	6:00:00 AM	1,200	18/64	1	Gas & wtr.		
	7:00:00 AM	1,200	18/64	2			
	8:00:00 AM	1,200	18/64	1			
	9:00:00 AM	1,200	18/64	3			
	10:00:00 AM	1,200	18/64	2			
	11:00:00 AM	1,250	18/64	1			
	12:00:00 PM	1,250	18/64	1			
	1:00:00 PM	1,100	18/64	4	Gas & wtr.		
	2:00:00 PM	1,100	18/64	1			

3:00:00 PM	1,125	18/64	3	
4:00:00 PM	1,100	18/64	2	
5:00:00 PM	1,100	18/64	2	
6:00:00 PM	950	18/64	2	
7:00:00 PM	1,000	18/64	1	Gas & wtr.
8:00:00 PM	1,000	18/64	2	
9:00:00 PM	950	18/64	3	
10:00:00 PM	950	18/64	3	
11:00:00 PM	900	18/64	1	Gas & wtr.
12:00:00 AM	850	18/64	2	
1:00:00 AM	850	18/64	3	
2:00:00 AM	800	18/64	3	
3:00:00 AM	800	18/64	1	
4:00:00 AM	800	18/64	1	Gas & wtr.
5:00:00 AM	800	18/64	1	
<b>Ttl Bbls:</b>			<b>46</b>	

4/19/08 FCP 800 psig. F. 0 B0, 43 BLW, 24 hrs, FCP 800 - 500 psig, 18/64" ck. Rets of gas, wtr, lt sd. 3289 BLWTR.

<i>Flow</i>	<b>Zone:</b>	CASTLE GATE			
	<b>Event Desc:</b>	FLOW BACK		<b>Top Interval:</b> 6,224	<b>Bottom Interval:</b> 6,244
		<b>Avg</b>	<b>Choke</b>	<b>BBLs</b>	
	<b>Time</b>	<b>Press</b>	<b>Size</b>	<b>Rec</b>	<b>Comments</b>
	6:00:00 AM	800	18/64	1	Gas & wtr.
	7:00:00 AM	900	18/64	2	
	8:00:00 AM	1,000	18/64	1	
	9:00:00 AM	900	18/64	3	
	10:00:00 AM	700	18/64	1	
	11:00:00 AM	700	18/64	1	
	12:00:00 PM	700	18/64	3	
	1:00:00 PM	700	18/64	2	Gas & wtr.
	2:00:00 PM	600	18/64	1	
	3:00:00 PM	550	18/64	1	
	4:00:00 PM	550	18/64	3	
	5:00:00 PM	500	18/64	1	
	6:00:00 PM	950	18/64	2	
	7:00:00 PM	500	18/64	2	Gas & wtr.
	8:00:00 PM	500	18/64	1	
	9:00:00 PM	500	18/64	2	
	10:00:00 PM	500	18/64	2	
	11:00:00 PM	500	18/64	3	Gas & wtr.
	12:00:00 AM	500	18/64	1	
	1:00:00 AM	500	18/64	2	
	2:00:00 AM	500	18/64	2	
	3:00:00 AM	500	18/64	2	
	4:00:00 AM	500	18/64	2	Gas & wtr.
	5:00:00 AM	500	18/64	3	
	<b>Ttl Bbls:</b>			<b>44</b>	

4/20/08 FCP 500 psig. F. 0 B0, 35 BLW, 24 hrs, 18/64" ck. Rets of gas & wtr. 3254 BLWTR. SWI & WO rig.

*Flow* **Zone:** CASTLE GATE

Event Desc:	FLOW BACK		Top Interval: 6,224	Bottom Interval: 6,244	
	Avg	Choke	BBLS		
Time	Press	Size	Rec	Comments	
6:00:00 AM	500	18/64	2	Gas & wtr.	
7:00:00 AM	500	18/64	3		
8:00:00 AM	500	18/64	1		
9:00:00 AM	500	18/64	1		
10:00:00 AM	500	18/64	2		
11:00:00 AM	500	18/64	1		
12:00:00 PM	500	18/64	1		
1:00:00 PM	500	18/64	2	Gas & wtr.	
2:00:00 PM	500	18/64	1		
3:00:00 PM	500	18/64	2		
4:00:00 PM	500	18/64	2		
5:00:00 PM	500	18/64	1		
6:00:00 PM	500	18/64	1		
7:00:00 PM	500	18/64	2	Gas & wtr.	
8:00:00 PM	500	18/64	2		
9:00:00 PM	500	18/64	1		
10:00:00 PM	500	18/64	1		
11:00:00 PM	500	18/64	1	Gas & wtr.	
12:00:00 AM	500	18/64	1		
1:00:00 AM	500	18/64	3		
2:00:00 AM	500	18/64	2		
3:00:00 AM	500	18/64	1		
4:00:00 AM	500	18/64	1	Gas & wtr.	
5:00:00 AM	500	18/64	1		
			<b>Ttl Bbls:</b>	36	

4/25/08 SICP 1200 psig. MIRU CTU & tst manifold. SDFN.

4/26/08 SICP 1200 psig. CTU on loc. Tst CT & surf equip to 5000 psig. TIH w/4-1/2" 5 blade mill, motor assy & 2" CT. Estb circ w/trtd 2% KCl wtr. DO CBP's @ 6440', 7600', 8160' & 8560'. Circ cln & cont TIH. CO sd to PBTD @ 8762'. Circ cln. TOH w/CT & BHA. RDMO CTU. 5:00 p.m. turn over to flw crew. FCP 1200 psig. F. 0 BO, 80 BLW, 12 hrs, 18/64" ck, FCP 1200 - 1300 psig. Rets of gas, wtr & lt sd. 3174 BLWTR.

Flow

Event Desc:	FLOW BACK		Top Interval: 6,224	Bottom Interval: 8,667	
	Avg	Choke	BBLS		
Time	Press	Size	Rec	Comments	
5:00:00 PM	1,200	18/64	0	Reduce ck after CO.	
6:00:00 PM	1,300	18/64	7	Gas, wtr, & lt sd.	
7:00:00 PM	1,400	18/64	7	Gas, wtr, & lt sd.	
8:00:00 PM	1,400	18/64	6	Gas, wtr, & lt sd.	
9:00:00 PM	1,400	18/64	8	Gas, wtr, & lt sd.	
10:00:00 PM	1,400	18/64	5	Gas, wtr, & lt sd.	
11:00:00 PM	1,400	18/64	5	Gas, wtr, & lt sd.	
12:00:00 AM	1,400	18/64	7	Gas, wtr, & lt sd.	
1:00:00 AM	1,400	18/64	7	Gas, wtr, & lt sd.	
2:00:00 AM	1,400	18/64	7	Gas, wtr, & lt sd.	
3:00:00 AM	1,400	18/64	5	Gas, wtr, & lt sd.	
4:00:00 AM	1,400	18/64	6	Gas, wtr, & lt sd.	
5:00:00 AM	1,400	18/64	5	Gas, wtr, & lt sd.	

Ttl Bbls: 75

4/27/08 FCP 1200 psig. F. 0 BO, 147 BLW, 24 hrs, 18/64" ck, FCP 1200 - 1050 psig. Rets of gas, wtr & lt sd. 3027 BLWTR.

Flow	Zone:	MV/WSTC				Top Interval: 6,224	Bottom Interval: 8,667
	Event Desc:	FLOW BACK					
			Avg	Choke	BBLS		
	Time	Press	Size	Rec	Comments		
	6:00:00 AM	1,200	18/64	7	Gas, wtr & lt sd.		
	7:00:00 AM	1,300	18/64	6	Gas, wtr & lt sd.		
	8:00:00 AM	1,300	18/64	0	Gas, wtr & lt sd.		
	9:00:00 AM	1,300	18/64	0	Gas, wtr & lt sd.		
	10:00:00 AM	1,200	18/64	7	Gas, wtr & lt sd.		
	11:00:00 AM	1,200	18/64	6	Gas, wtr & lt sd.		
	12:00:00 PM	1,200	18/64	8	Gas, wtr & lt sd.		
	1:00:00 PM	1,200	18/64	7	Gas, wtr & lt sd.		
	2:00:00 PM	1,200	18/64	7	Gas, wtr & lt sd.		
	3:00:00 PM	1,200	18/64	6	Gas, wtr & lt sd.		
	4:00:00 PM	1,150	18/64	8	Gas, wtr & lt sd.		
	5:00:00 PM	1,150	18/64	6	Gas, wtr & lt sd.		
	6:00:00 PM	1,100	18/64	8	Gas, wtr & lt sd.		
	7:00:00 PM	1,050	18/64	7	Gas, wtr & lt sd.		
	8:00:00 PM	1,050	18/64	5	Gas, wtr & lt sd.		
	9:00:00 PM	1,050	18/64	7	Gas, wtr & lt sd.		
	10:00:00 PM	1,050	18/64	5	Gas, wtr & lt sd.		
	11:00:00 PM	1,050	18/64	8	Gas, wtr & lt sd.		
	12:00:00 AM	1,050	18/64	6	Gas, wtr & lt sd.		
	1:00:00 AM	1,050	18/64	6	Gas, wtr & lt sd.		
	2:00:00 AM	1,050	18/64	7	Gas, wtr & lt sd.		
	3:00:00 AM	1,050	18/64	8	Gas, wtr & lt sd.		
	4:00:00 AM	1,050	18/64	6	Gas, wtr & lt sd.		
	5:00:00 AM	1,050	18/64	5	Gas, wtr & lt sd.		
					Ttl Bbls:	146	

4/28/08 FCP 900 psig. F. 0 BO, 161 BLW, 24 hrs, 18/64" ck, FCP 1050 - 900 psig. Rets of gas, wtr & lt sd. 2866 BLWTR.

Flow	Zone:	MV/WSTC				Top Interval: 6,224	Bottom Interval: 8,667
	Event Desc:	FLOW BACK					
			Avg	Choke	BBLS		
	Time	Press	Size	Rec	Comments		
	6:00:00 AM	1,050	18/64	8	Gas, wtr & lt sd.		
	7:00:00 AM	1,050	18/64	8	Gas, wtr & lt sd.		
	8:00:00 AM	1,050	18/64	6	Gas, wtr & lt sd.		
	9:00:00 AM	1,050	18/64	7	Gas, wtr & lt sd.		
	10:00:00 AM	1,050	18/64	8	Gas, wtr & lt sd.		
	11:00:00 AM	1,050	18/64	5	Gas, wtr & lt sd.		
	12:00:00 PM	1,050	18/64	3	Gas, wtr & lt sd.		
	1:00:00 PM	1,050	18/64	8	Gas, wtr & lt sd.		
	2:00:00 PM	1,050	18/64	7	Gas, wtr & lt sd.		
	3:00:00 PM	1,050	18/64	9	Gas, wtr & lt sd.		
	4:00:00 PM	1,050	18/64	8	Gas, wtr & lt sd.		
	5:00:00 PM	900	18/64	8	Gas, wtr & lt sd.		

6:00:00 PM	900	18/64	7	Gas, wtr & lt sd.
7:00:00 PM	900	18/64	4	Gas, wtr & lt sd.
8:00:00 PM	900	18/64	8	Gas, wtr & lt sd.
9:00:00 PM	900	18/64	6	Gas, wtr & lt sd.
10:00:00 PM	900	18/64	2	Gas, wtr & lt sd.
11:00:00 PM	900	18/64	8	Gas, wtr & lt sd.
12:00:00 AM	900	18/64	7	Gas, wtr & lt sd.
1:00:00 AM	900	18/64	5	Gas, wtr & lt sd.
2:00:00 AM	900	18/64	7	Gas, wtr & lt sd.
3:00:00 AM	900	18/64	6	Gas, wtr & lt sd.
4:00:00 AM	900	18/64	8	Gas, wtr & lt sd.
5:00:00 AM	900	18/64	8	Gas, wtr & lt sd.

Ttl Bbls: 161

4/29/08 FCP 800 psig. F. 0 BO, 184 BLW, 24 hrs, 18/64 ck, fcp 850 - 800 psig. Rets of gas, wtr & lt sd. 2682 BLWTR.

Flow Zone: MV/WSTC  
 Event Desc: FLOW BACK Top Interval: 6,224 Bottom Interval: 8,667

Time	Avg Press	Choke Size	BBLS Rec	Comments
6:00:00 AM	850	18/64	14	Gas, wtr & lt sd.
7:00:00 AM	850	18/64	8	Gas, wtr & lt sd.
8:00:00 AM	850	18/64	6	Gas, wtr & lt sd.
9:00:00 AM	850	18/64	9	Gas, wtr & lt sd.
10:00:00 AM	850	18/64	11	Gas, wtr & lt sd.
11:00:00 AM	850	18/64	7	Gas, wtr & lt sd.
12:00:00 PM	850	18/64	6	Gas, wtr & lt sd.
1:00:00 PM	850	18/64	9	Gas, wtr & lt sd.
2:00:00 PM	850	18/64	8	Gas, wtr & lt sd.
3:00:00 PM	850	18/64	7	Gas, wtr & lt sd.
4:00:00 PM	850	18/64	6	Gas, wtr & lt sd.
5:00:00 PM	850	18/64	8	Gas, wtr & lt sd.
6:00:00 PM	850	18/64	7	Gas, wtr & lt sd.
7:00:00 PM	850	18/64	8	Gas, wtr & lt sd.
8:00:00 PM	850	18/64	6	Gas, wtr & lt sd.
9:00:00 PM	850	18/64	5	Gas, wtr & lt sd.
10:00:00 PM	850	18/64	8	Gas, wtr & lt sd.
11:00:00 PM	850	18/64	7	Gas, wtr & lt sd.
12:00:00 AM	850	18/64	9	Gas, wtr & lt sd.
1:00:00 AM	850	18/64	5	Gas, wtr & lt sd.
2:00:00 AM	850	18/64	9	Gas, wtr & lt sd.
3:00:00 AM	850	18/64	8	Gas, wtr & lt sd.
4:00:00 AM	850	18/64	6	Gas, wtr & lt sd.
5:00:00 AM	850	18/64	7	Gas, wtr & lt sd.

Ttl Bbls: 184

4/30/08 FCP 850 psig. F. 0 BO, 108 BLW, 24 hrs, 18/64" ck, FCP 850 psig. Rets of gas & wtr. 2682 BLWTR.

Flow Zone: MV/WSTC  
 Event Desc: FLOW BACK Top Interval: 6,224 Bottom Interval: 8,667

Time	Avg Press	Choke Size	BBLS Rec	Comments
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6:00:00 AM	850	18/64	4	Gas & wtr.
7:00:00 AM	850	18/64	6	Gas & wtr.
8:00:00 AM	850	18/64	3	Gas & wtr.
9:00:00 AM	850	18/64	8	Gas & wtr.
10:00:00 AM	850	18/64	5	Gas & wtr.
11:00:00 AM	850	18/64	4	Gas & wtr.
12:00:00 PM	850	18/64	6	Gas & wtr.
1:00:00 PM	850	18/64	5	Gas & wtr.
2:00:00 PM	850	18/64	5	Gas & wtr.
3:00:00 PM	800	18/64	3	Gas & wtr.
4:00:00 PM	850	18/64	5	Gas & wtr.
5:00:00 PM	850	18/64	4	Gas & wtr.
6:00:00 PM	850	18/64	4	Gas & wtr.
7:00:00 PM	850	18/64	5	Gas & wtr.
8:00:00 PM	850	18/64	6	Gas & wtr.
9:00:00 PM	850	18/64	42	Gas & wtr.
10:00:00 PM	850	18/64	3	Gas & wtr.
11:00:00 PM	850	18/64	5	Gas & wtr.
12:00:00 AM	850	18/64	5	Gas & wtr.
1:00:00 AM	850	18/64	4	Gas & wtr.
2:00:00 AM	850	18/64	6	Gas & wtr.
3:00:00 AM	850	18/64	3	Gas & wtr.
4:00:00 AM	850	18/64	3	Gas & wtr.
5:00:00 AM	850	18/64	5	Gas & wtr.

**Ttl Bbls:** 149

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

FORM 9

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>		5. LEASE DESIGNATION AND SERIAL NUMBER: <b>U-03505</b>
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:
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		7. UNIT or CA AGREEMENT NAME: <b>RIVERBEND UNIT</b>
2. NAME OF OPERATOR: <b>XTO ENERGY INC.</b>		8. WELL NAME and NUMBER: <b>RBU 11-17E</b>
3. ADDRESS OF OPERATOR: 382 CR 3100 CITY <b>AZTEC</b> STATE <b>NM</b> ZIP <b>87410</b>		9. API NUMBER: <b>4304737057</b>
4. LOCATION OF WELL FOOTAGES AT SURFACE: <b>1991' FSL &amp; 2275' FEL</b>		10. FIELD AND POOL, OR WLD CAT: <b>NATURAL BUTTES</b>
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: <b>NWSE 17 10S 19E S</b>		COUNTY: <b>UINTAH</b>
		STATE: <b>UTAH</b>

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate)  Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only)  Date of work completion: <b>5/2/2008</b>	<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: <b>1ST DELIVERY</b>
	<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.  
**XTO Energy Inc. 1st Delivered this well on 05/02/2008 @ 11:00 a.m. to Questar Gas thru the RBU 9-17E CDP. IFR of 800 MCFPD.**

NAME (PLEASE PRINT) <b>JENNIFER HEMBRY</b>	TITLE <b>FILE CLERK</b>
SIGNATURE	DATE <b>5/5/2008</b>

(This space for State use only)

**RECEIVED**  
**MAY 08 2008**  
DIV. OF OIL, GAS & MINING

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

**SUNDRY NOTICES AND REPORTS ON WELLS**  
*Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.*

**SUBMIT IN TRIPLICATE - Other instructions on page 2**

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. <b>U-03505</b>
2. Name of Operator <b>XTO Energy Inc.</b>		6. If Indian, Allottee or Tribe Name
3a. Address <b>382 CR 3100 Aztec, NM 87410</b>	3b. Phone No. (include area code) <b>505-333-3100</b>	7. If Unit or CA/Agreement, Name and/or No. <b>RIVERBEND UNIT</b>
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) <b>1991' FSL &amp; 2275' FEL NWSE SEC 17-T10S-R19E</b>		8. Well Name and No. <b>REU 11-17E</b>
		9. API Well No. <b>43-047-37057</b>
		10. Field and Pool, or Exploratory Area <b>NATURAL BUTTES</b>
		11. County or Parish, State <b>UINTAH UTAH</b>

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal
			<input type="checkbox"/> Water Shut-Off
			<input type="checkbox"/> Well Integrity
			<input checked="" type="checkbox"/> Other <u>May 08</u>
			<u>MONTHLY REPORTING</u>

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

Attached is XTO Energy's monthly report for the period of 05/01/2008 to 05/31/2008.

**RECEIVED**  
**JUN 06 2008**  
DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct Name (Printed/Typed) <b>WANETT MCCAULEY</b>		Title <b>FILE CLERK</b>
Signature <i>Wanett McCauley</i>		Date <b>06/03/2008</b>

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

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

Title 18 U.S.C. Section 1001, and Title 43 U.S.C. Section 1212, 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.

DOG-M COPY

**Farmington Well Workover Report**

<b>RIVERBEND UNIT</b>	<b>Well # 011-17E</b>	<b>MV/WSTC</b>
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**Objective:** Drill & Complete

**First Report:** 12/10/2007

**AFE:** 715568

**5/1/08** FCP 800 psig. F. 0 BO, 76 BLW, 24 hrs, 18/64" ck, FCP 800 - 850 psig. Rets of gas & wtr. 2498 BLWTR.

*Flow* **Zone:** MV/WSTC

**Event Desc:** FLOW BACK **Top Interval:** 6,224 **Bottom Interval:** 8,667

<u>Time</u>	<u>Avg Press</u>	<u>Choke Size</u>	<u>BBLs</u>	
			<u>Rec</u>	<u>Comments</u>
6:00:00 AM	800	18/64	5	Gas & wtr.
7:00:00 AM	800	18/64	8	Gas & wtr.
8:00:00 AM	800	18/64	4	Gas & wtr.
9:00:00 AM	800	18/64	2	Gas & wtr.
10:00:00 AM	800	18/64	3	Gas & wtr.
11:00:00 AM	800	18/64	4	Gas & wtr.
12:00:00 PM	800	18/64	2	Gas & wtr.
1:00:00 PM	800	18/64	3	Gas & wtr.
2:00:00 PM	800	18/64	1	Gas & wtr.
3:00:00 PM	800	18/64	2	Gas & wtr.
4:00:00 PM	800	18/64	4	Gas & wtr.
5:00:00 PM	800	18/64	8	Gas & wtr.
6:00:00 PM	800	18/64	2	Gas & wtr.
7:00:00 PM	800	18/64	5	Gas & wtr.
8:00:00 PM	800	18/64	2	Gas & wtr.
9:00:00 PM	800	18/64	2	Gas & wtr.
10:00:00 PM	800	18/64	3	Gas & wtr.
11:00:00 PM	800	18/64	5	Gas & wtr.
12:00:00 AM	800	18/64	1	Gas & wtr.
1:00:00 AM	800	18/64	2	Gas & wtr.
2:00:00 AM	800	18/64	2	Gas & wtr.
3:00:00 AM	800	18/64	4	Gas & wtr.
4:00:00 AM	800	18/64	1	Gas & wtr.
5:00:00 AM	800	18/64	1	Gas & wtr.

**Ttl Bbls:** 76

**5/2/08** FCP 800 psig. F. 0 BO, 128 BLW, 24 hrs, 18/64 ck, FCP 800 - 600 psig. Rets of gas & wtr. Turn well over to prod dwn sales ln. 2370 BLWTR.

*Flow* **Zone:** MV/CH

**Event Desc:** Flow Back **Top Interval:** 6,224 **Bottom Interval:** 8,667

<u>Time</u>	<u>Avg Press</u>	<u>Choke Size</u>	<u>BBLs</u>	
			<u>Rec</u>	<u>Comments</u>
6:00:00 AM	750	18/64	6	Gas & wtr.
7:00:00 AM	700	18/64	4	Gas & wtr.
8:00:00 AM	700	18/64	5	Gas & wtr.
9:00:00 AM	650	18/64	4	Gas & wtr.
10:00:00 AM	650	18/64	7	Gas & wtr.
11:00:00 AM	650	18/64	9	Gas & wtr.

12:00:00 PM	650	18/64	6	Gas & wtr.
1:00:00 PM	650	18/64	5	Gas & wtr.
2:00:00 PM	600	18/64	5	Gas & wtr.
3:00:00 PM	600	18/64	4	Gas & wtr.
4:00:00 PM	600	18/64	6	Gas & wtr.
5:00:00 PM	600	18/64	7	Gas & wtr.
6:00:00 PM	600	18/64	6	Gas & wtr.
7:00:00 PM	600	18/64	3	Gas & wtr.
8:00:00 PM	700	18/64	5	Gas & wtr.
9:00:00 PM	800	18/64	5	Gas & wtr.
10:00:00 PM	800	18/64	4	Gas & wtr.
11:00:00 PM	750	18/64	5	Gas & wtr.
12:00:00 AM	700	18/64	7	Gas & wtr.
1:00:00 AM	600	18/64	4	Gas & wtr.
2:00:00 AM	600	18/64	5	Gas & wtr.
3:00:00 AM	600	18/64	6	Gas & wtr.
4:00:00 AM	600	18/64	5	Gas & wtr.
5:00:00 AM	600	18/64	5	Gas & wtr.

**Ttl Bbls:** 128

---

**5/3/08** Cont rpt for XTO River Bend Unit 11-17E, AFE # 715568, to D & C MV well. FCP 1000 psig. OWU @ 11:00 a.m., 5-2-08. Delv first gas sales to Questar Gas Management vis XTO 9-17E CDP. IFR of 800 MCFPD.

---

**5/4/08** F. 0 , 0 , 137 MCF, FTP 0 psig, FCP 1157 psig, 18/64, LP 65 psig, SP 0 psig, DP 0 psig, 13 hrs.

---

**5/5/08** F. 0 , 0 , 780 MCF, FTP 0 psig, FCP 1215 psig, 20/64, LP 60 psig, SP 0 psig, DP 0 psig, 24 hrs.

---

**5/6/08** F. 0 , 1 , 851 MCF, FTP 0 psig, FCP 1126 psig, 20/64, LP 62 psig, SP 0 psig, DP 0 psig, 24 hrs.

---

**5/7/08** F. 0 , 1 , 907 MCF, FTP 0 psig, FCP 1120 psig, 20/64, LP 62 psig, SP 0 psig, DP 0 psig, 24 hrs.

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UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

**SUNDRY NOTICES AND REPORTS ON WELLS**  
*Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.*

**SUBMIT IN TRIPLICATE - Other instructions on page 2**

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. <b>U-03505</b>
2. Name of Operator <b>XTO Energy Inc.</b>		6. If Indian, Allottee or Tribe Name
3a. Address <b>382 CR 3100 Aztec, NM 87410</b>	3b. Phone No. (include area code) <b>505-333-3100</b>	7. If Unit or CA/Agreement, Name and/or No. <b>RIVERBEND UNIT</b>
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) <b>SHL: 1991' FSL &amp; 2275' FEL NWSE SEC 17-T10S-R19E SLB&amp;M</b> <b>BHL: 1500' FSL &amp; 2100' FWL NESW SEC 17-T10S-R19E SLB&amp;M</b>		8. Well Name and No. <b>RBU 11-17E</b>
		9. API Well No. <b>43-047-37057</b>
		10. Field and Pool, or Exploratory Area <b>NATURAL BUTTES</b>
		11. County or Parish, State <b>UINTAH UTAH</b>

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

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize <input type="checkbox"/> Deepen <input type="checkbox"/> Production (Start/Resume) <input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing <input type="checkbox"/> Fracture Treat <input type="checkbox"/> Reclamation <input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair <input type="checkbox"/> New Construction <input type="checkbox"/> Recomplete <input checked="" type="checkbox"/> Other <b>JUNE '08</b>
	<input type="checkbox"/> Change Plans <input type="checkbox"/> Plug and Abandon <input type="checkbox"/> Temporarily Abandon <b>MONTHLY REPORTING</b>
	<input type="checkbox"/> Convert to Injection <input type="checkbox"/> Plug Back <input type="checkbox"/> Water Disposal

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

Attached is XTO Energy's monthly report for the period of 06/01/2008 thru 06/30/2008.

RECEIVED  
JUL 07 2008  
DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct	
Name (Printed/Typed) <b>WANETT MCCAULEY</b>	Title <b>FILE CLERK</b>
Signature <i>Wanett McCauley</i>	Date <b>07/01/2008</b>

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

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

**DOGM COPY**

## Farmington Well Workover Report

<b>RIVERBEND UNIT</b>	<b>Well # 011-17E</b>	<b>MV/WSTC</b>
-----------------------	-----------------------	----------------

**Objective:** Drill & Complete

**First Report:** 12/10/2007

**AFE:** 715568

**6/17/08** FCP 365 psig on 24/64" ck. MIRU Key # 6013. Bd well. Pmp 50 bbls trtd 2% KCl dwn csg & KW. ND frac vlv, NU BOP. PU & TIH w/mule shoe col, 2-3/8" SN & 150 jts new 2-3/8", 4.7#, L-80, EUE, 8rd tbg fr/XTO stk. EOT @ 4730'. SWI & SDFN. 100 BLWTR

**6/18/08** SICP 850 psig. SITP 800 psig. Bd tbg. Pmp 20 bbls trtd 2% KCl wtr dwn tbg & KW. PU & TIH w/mule shoe col, 2-3/8" SN & 277 jts new 2-3/8", 4.7#, L-80, EUE, 8rd tbg fr/XTO stk. Tgd @ 8760' ( 2' fill ). TOH & LD 9 jts 2-3/8" tbg. Ld tbg w/hgr as follows; 268 jts 2-3/8", 4.7#, J-55, 8rd, EUE tbg, 2-3/8" SN w/mule shoe col. SN @ 8,489', EOT @ 8,491'. WA/MV perms fr/6224' - 8667'. ND BOP. NU WH. RU & RIH w/1.91" tbg broach to 8,489'. No ti spots. POH & Ld broach. RU swb tls & RIH. BFL @ 7,400' FS. Made 1 run & KO well flwg to tst tnk 2 hrs, recd 20 BLW. RWTP @ 4:00pm. FTP 250 psig, SICP 650 psig. 48/64 ck. 100 BLWTR. RDMO Key Energy #6013.

**6/19/08** PL. 8 , 65 , 514 MCF, FTP 360 psig, SICP 420 psig, 18/64, LP 60 psig, SP 0 psig, DP 0 psig, 8 hrs.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0135  
Expires: November 30, 2000

**SUNDRY NOTICES AND REPORTS ON WELLS**  
**Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.**

5. Lease Serial No.  
**U-03505**

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

7. If Unit or CA/Agreement, Name and/or No.  
**891016035-A**

8. Well Name and No.  
**River Bend unit 11-17E**

9. API Well No.  
**43-047-37057**

10. Field and Pool, or Exploratory Area  
**Natural Buttes**

11. County or Parish, State  
**Uintah County, Utah**

1. Type of Well  
 Oil Well     Gas Well     Other

2. Name of Operator  
**XTO Energy, Inc.**

3a. Address  
**978 North Crescent Road, Roosevelt, UT. 84066**

3b. Phone No. (include area code)  
**435-722-4521**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
**1991' FSL & 2275' FEL NW/SE Sec17,10s,19E SLB & M**

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Fracture Treat	<input checked="" type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	<b>Interim Reclamation</b>
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

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

Reclaim reserve pit & reseeded on 7/3/08 by Jackson Construction

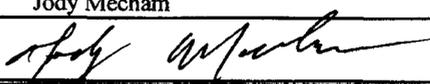
**RECEIVED**

**AUG 01 2008**

DIV. OF OIL, GAS & MINING

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

Name (Printed/Typed) **Jody Mecham** Title **Construction Coordinator**

Signature  Date **7/29/08**

Approved by \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_

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

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

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

AMENDED REPORT  FORM 8  
(highlight changes)

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

5. LEASE DESIGNATION AND SERIAL NUMBER:  
**U-3505**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT or CA AGREEMENT NAME  
**RIVER BEND UNIT**

8. WELL NAME and NUMBER:  
**RBU 11-17E**

9. API NUMBER:  
**4304737057**

10. FIELD AND POOL, OR WLD/CAT  
**NATURAL BUTTES**

11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:  
**NWSE 17 10S 19E**

12. COUNTY  
**UINTAH**

13. STATE  
**UTAH**

14. DATE SPUNDED: **2/20/2007**

15. DATE T.D. REACHED: **1/10/2008**

16. DATE COMPLETED: **5/2/2008** ABANDONED  READY TO PRODUCE

17. ELEVATIONS (DF, RKB, RT, GL):  
**5052' GR**

18. TOTAL DEPTH: MD **8,835** TVD **8677**

19. PLUG BACK T.D.: MD **8,772** TVD **8614**

20. IF MULTIPLE COMPLETIONS, HOW MANY? \*

21. DEPTH BRIDGE MD PLUG SET: TVD

4. LOCATION OF WELL (FOOTAGES)  
AT SURFACE: **1991' FSL & 2275' FEL**  
AT TOP PRODUCING INTERVAL REPORTED BELOW:  
AT TOTAL DEPTH: **4500' FSL & 2100' FWL** *1516 fsl 2151 fwl* **per DKD review**

22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each)  
**GR/CCL/CBL/AH**  
**Coal, Dex, DS**

23.  
WAS WELL CORED? NO  YES  (Submit analysis)  
WAS DST RUN? NO  YES  (Submit report)  
DIRECTIONAL SURVEY? NO  YES  (Submit copy)

**24. CASING AND LINER RECORD (Report all strings set in well)**

HOLE SIZE	SIZE/GRADE	WEIGHT (#/ft.)	TOP (MD)	BOTTOM (MD)	STAGE CEMENTER DEPTH	CEMENT TYPE & NO. OF SACKS	SLURRY VOLUME (BBL)	CEMENT TOP **	AMOUNT PULLED
17 1/2"	13 3/4 H40	48#	0	520		G 500	0	SURF	0
12 1/4"	9 5/8 J55	36#	0	4,401		III 760	0	SURF	0
7 7/8"	5 1/2 J55	17#	0	8,821		790	0	SURF	0

**25. TUBING RECORD**

SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)

26. PRODUCING INTERVALS					27. PERFORATION RECORD				
FORMATION NAME	TOP (MD)	BOTTOM (MD)	TOP (TVD)	BOTTOM (TVD)	INTERVAL (Top/Bot - MD)	SIZE	NO. HOLES	PERFORATION STATUS	
(A) MESAVERDE	8,012	8,667			8,012 8,667	0.41	158	Open <input checked="" type="checkbox"/>	Squeezed <input type="checkbox"/>
(B) WASATCH	6,677	6,688			6,224 6,688	0.41"	95	Open <input checked="" type="checkbox"/>	Squeezed <input type="checkbox"/>
(C)								Open <input type="checkbox"/>	Squeezed <input type="checkbox"/>
(D)								Open <input type="checkbox"/>	Squeezed <input type="checkbox"/>

**28. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC.**

DEPTH INTERVAL	AMOUNT AND TYPE OF MATERIAL
8012' - 8667'	Acidized w/3,250 gals 7.5% NEFE HCl acid. Frac'd w/112,069 gals wtr, 70Q CO2 foam fld (Pure Gel 3) carrying 330,100#
6224' - 6688'	Acidized w/2,000 gals 7.5% NEFE HCl acid. Frac'd w/42,811 gals wtr, 70Q CO2 (Con't on back)

29. ENCLOSED ATTACHMENTS:

ELECTRICAL/MECHANICAL LOGS       GEOLOGIC REPORT       DST REPORT       DIRECTIONAL SURVEY

SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICATION       CORE ANALYSIS       OTHER: \_\_\_\_\_

**RECEIVED**

30. WELL STATUS:

31. INITIAL PRODUCTION

INTERVAL A (As shown in item #26)

DATE FIRST PRODUCED: 5/2/2008		TEST DATE: 5/4/2008		HOURS TESTED: 24		TEST PRODUCTION RATES: →		OIL – BBL: 0	GAS – MCF: 137	WATER – BBL: 0	PROD. METHOD:
CHOKE SIZE: 18/64	TBG. PRESS. 0	CSG. PRESS. 1,157	API GRAVITY	BTU – GAS 1	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL: 0	GAS – MCF: 137	WATER – BBL: 0	INTERVAL STATUS:	

INTERVAL B (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →		OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:	

INTERVAL C (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →		OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:	

INTERVAL D (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →		OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:	

32. DISPOSITION OF GAS (Sold, Used for Fuel, Vented, Etc.)

TO BE SOLD

33. SUMMARY OF POROUS ZONES (Include Aquifers):

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

34. FORMATION (Log) MARKERS:

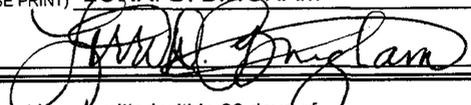
Formation	Top (MD)	Bottom (MD)	Descriptions, Contents, etc.	Name	Top (Measured Depth)
(Con't)	6,224	6,688	foam fld (Pure Gel 3), 2% KCl carrying 118,392# Premium White 20/40 sand, coated w/Expedite Lite.	GREEN RIVER MAHOGENY BENCH WASATCH TONGUE UTELAND LIMESTONE WASATCH CHAPITA WELLS UTELAND BUTTE MESAVERDE	1,108 1,992 4,241 4,620 4,776 5,664 7,050 7,912

35. ADDITIONAL REMARKS (Include plugging procedure)

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

NAME (PLEASE PRINT) LORRI D. BINGHAM

TITLE REGULATORY COMPLIANCE TECH

SIGNATURE 

DATE 7/1/2008

This report must be submitted within 30 days of

- completing or plugging a new well
- drilling horizontal laterals from an existing well bore
- recompleting to a different producing formation
- reentering a previously plugged and abandoned well
- significantly deepening an existing well bore below the previous bottom-hole depth
- drilling hydrocarbon exploratory holes, such as core samples and stratigraphic tests

\* ITEM 20: Show the number of completions if production is measured separately from two or more formations.

\*\* ITEM 24: Cement Top – Show how reported top(s) of cement were determined (circulated (CIR), calculated (CAL), cement bond log (CBL), temperature survey (TS)).

Send to: Utah Division of Oil, Gas and Mining  
1594 West North Temple, Suite 1210  
Box 145801  
Salt Lake City, Utah 84114-5801

Phone: 801-538-5340  
Fax: 801-359-3940

**DIRECTIONAL SURVEY REPORT**

**XTO ENERGY**

**RBU 11 – 17E**

**UINTAH COUNTY, UT**

**PREPARED BY: Bret Wolford**

**RECEIVED**

**JUL 07 2008**

**DIV. OF OIL, GAS & MINING**

January 17, 2008

**XTO ENERGY**  
2700 Farmington Ave Bldg K, Suite 1  
Farmington , NM 87401

**Attn: John Egelston**

**RE: XTO ENERGY**  
**RBU 11 – 17E**  
**Uintah Co., UT**  
**RIG: Frontier 6**  
**FILENAME: 101007001-WY-WY**

**Dear Sir:**

**We hereby certify that the enclosed Original Field Survey Data contained in this report represents to the best of our knowledge, a true and accurate survey of the well at the time the survey was ran.**

**SURVEY DATA**

- 1 - Original survey report and plot**
- 2 - Survey report copies and plots**

**We appreciate the opportunity to work with you and we look forward to your business support. If you have any questions, I can be reached at (307) 265-3145.**

**Sincerely,**

**Bret Wolford**  
**Operations Coordinator**  
**PathFinder Energy Services**

**DIRECTIONAL SURVEY COMPANY REPORT:**

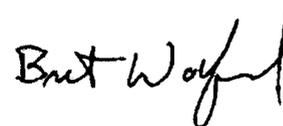
1. NAME OF SURVEYING COMPANY: PATHFINDER ENERGY SERVICES
2. NAME OF PERSON(S) PERFORMING SURVEY:
  - A. Dan Walker
  - B. Ben Ezeaku
  - C. Mike Brunk
3. POSITION OF SAID PERSON(S): (A ,B, & C) SURVEYOR FIELD ENGINEER(s).
4. DATE(S) ON WHICH SURVEY WAS PERFORMED: 12/27/07 TO 01/03/08
5. STATE IN WHICH SURVEY WAS PERFORMED: ONSHORE, UTAH
6. LOCATION OF WELL: UINTAH CO., UT
7. TYPE OF SURVEY(S) PERFORMED: MWD
8. COMPLETE IDENTIFICATION OF WELL:

XTO ENERGY

RBU 11-17E

Uintah Co., UT

RIG:       Frontier 6
9. SURVEY CERTIFIED FROM: 560 TO 4,358 FEET MEASURED DEPTH.
10. THIS IS TO VERIFY THAT ATTACHED DOCUMENTS SHOWING THE WELL TO BE DISPLACED AT 1008.89 FEET ON A BEARING OF 241.94 DEGREES FROM THE CENTER OF THE ROTARY TABLE AT PROJECTED MEASURED DEPTH OF 4,410 FEET ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE.



---

BRET WOLFORD  
OPERATIONS COORDINATOR

# PathFinder Energy Services, Inc.

## Survey Report

XTO ENERGY  
 RBU 11-17E  
 UINTAH COUNTY, UTAH  
 Rig:FRONTIER 6  
 PathFinder Office Supervisor: RICH ARNOLD  
 PathFinder Field Engineers: DAN WALKER  
 BEN EZEAKU

Survey Horiz. Reference:WELLHEAD  
 Ref Coordinates: LAT:39.56.43.2492 N LON:109.48.19.1088 W  
 GRID Reference:NAD83 utah central Lambert  
 Ref GRID Coord: X: 2115509.3631 Y: 7153317.3110  
 North Aligned To:TRUE NORTH  
 Total Magnetic Correction:11.62° EAST TO TRUE  
 Vertical Section Plane: 241.75  
 Survey Vert. Reference: 22.00' Rotary Table To Ground  
 Altitude:5052.00' Ground To MSL

Survey Calculations by PathCalc v1.97e using Minimum Curvature

Measured Depth (ft)	Incl (deg)	Drift Dir. (deg)	TVD (ft)	Course Length (ft)	Vertical Section (ft)	TOTAL Rectangular Offsets (ft)		Closure Dist Dir (ft) (deg)		DLS (dg/100ft)
TIE INTO SURFACE										
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00@	0.00	0.00
THE FOLLOWING ARE PATHFINDER MWD SURVEYS										
560.00	0.09	212.63	560.00	560.00	0.38	0.37 S	0.24 W	0.44@	212.63	0.02
576.00	0.09	332.51	576.00	16.00	0.40	0.37 S	0.25 W	0.45@	214.03	0.97
606.00	0.79	260.17	606.00	30.00	0.59	0.38 S	0.46 W	0.60@	230.39	2.56
637.00	2.20	261.40	636.99	31.00	1.35	0.51 S	1.26 W	1.36@	248.03	4.55
668.00	3.08	259.12	667.95	31.00	2.71	0.76 S	2.67 W	2.77@	254.19	2.86
698.00	3.96	256.39	697.90	30.00	4.48	1.15 S	4.47 W	4.61@	255.54	2.99
729.00	5.28	251.91	728.80	31.00	6.92	1.85 S	6.86 W	7.11@	254.94	4.41
760.00	6.42	250.51	759.63	31.00	10.04	2.87 S	9.85 W	10.26@	253.77	3.71
791.00	7.39	250.24	790.41	31.00	13.72	4.12 S	13.36 W	13.98@	252.87	3.13
821.00	8.53	250.77	820.12	30.00	17.83	5.51 S	17.28 W	18.14@	252.33	3.81
853.00	9.58	248.40	851.72	32.00	22.82	7.27 S	22.00 W	23.17@	251.72	3.48
885.00	10.73	245.41	883.22	32.00	28.44	9.49 S	27.18 W	28.79@	250.76	3.95
917.00	11.87	244.79	914.60	32.00	34.69	12.13 S	32.87 W	35.04@	249.75	3.58
947.00	12.57	243.21	943.92	30.00	41.04	14.91 S	38.57 W	41.36@	248.86	2.59
979.00	13.54	242.60	975.09	32.00	48.27	18.21 S	45.01 W	48.55@	247.98	3.06
1011.00	14.42	242.07	1006.14	32.00	56.00	21.80 S	51.85 W	56.25@	247.20	2.78
1043.00	15.56	241.01	1037.05	32.00	64.27	25.74 S	59.13 W	64.49@	246.47	3.66
1075.00	16.62	240.14	1067.80	32.00	73.14	30.10 S	66.85 W	73.32@	245.76	3.40
1107.00	17.67	239.17	1098.38	32.00	82.57	34.87 S	74.99 W	82.70@	245.06	3.40
1138.00	18.73	239.43	1127.83	31.00	92.24	39.81 S	83.32 W	92.34@	244.46	3.43
1170.00	19.61	239.17	1158.05	32.00	102.74	45.18 S	92.35 W	102.81@	243.93	2.76
1202.00	20.31	238.90	1188.13	32.00	113.65	50.80 S	101.72 W	113.70@	243.46	2.21
1266.00	21.90	238.20	1247.83	64.00	136.66	62.83 S	121.38 W	136.67@	242.63	2.52
1329.00	21.10	237.68	1306.45	63.00	159.69	75.08 S	140.94 W	159.69@	241.96	1.31

# PathFinder Energy Services, Inc.

## Survey Report

XTO ENERGY  
 RBU 11-17E  
 UINTAH COUNTY, UTAH  
 RIG:FRONTIER 6

Measured Depth (ft)	Incl (deg)	Drift Dir. (deg)	TVD (ft)	Course Length (ft)	Vertical Section (ft)	TOTAL Rectangular Offsets		Closure Dist Dir		DLS (dg/100ft)
						(ft)	(ft)	(ft)	(deg)	
1393.00	19.79	237.85	1366.42	64.00	181.99	87.01 S	159.85 W	182.00@	241.44	2.05
1457.00	19.61	237.50	1426.67	64.00	203.51	98.54 S	178.08 W	203.53@	241.04	0.34
1521.00	20.49	236.18	1486.79	64.00	225.37	110.55 S	196.45 W	225.42@	240.63	1.55
1584.00	19.17	236.00	1546.05	63.00	246.64	122.47 S	214.19 W	246.73@	240.24	2.10
1648.00	17.41	238.90	1606.82	64.00	266.66	133.29 S	231.10 W	266.78@	240.02	3.10
1712.00	16.44	238.38	1668.05	64.00	285.26	142.99 S	247.01 W	285.41@	239.93	1.53
1775.00	16.62	237.85	1728.44	63.00	303.15	152.45 S	262.23 W	303.32@	239.83	0.37
1807.00	16.71	238.73	1759.10	32.00	312.31	157.28 S	270.03 W	312.50@	239.78	0.84
1839.00	17.06	239.61	1789.72	32.00	321.60	162.04 S	278.01 W	321.79@	239.76	1.35
1871.00	17.41	240.31	1820.28	32.00	331.07	166.79 S	286.22 W	331.27@	239.77	1.27
1902.00	17.85	240.57	1849.83	31.00	340.46	171.42 S	294.39 W	340.66@	239.79	1.44
1934.00	18.38	241.63	1880.24	32.00	350.41	176.22 S	303.10 W	350.61@	239.83	1.95
1966.00	18.73	241.63	1910.58	32.00	360.59	181.06 S	312.06 W	360.78@	239.88	1.09
1997.00	18.99	243.12	1939.91	31.00	370.61	185.71 S	320.94 W	370.80@	239.94	1.77
2029.00	18.47	243.91	1970.22	32.00	380.88	190.29 S	330.14 W	381.05@	240.04	1.81
2061.00	18.82	244.79	2000.54	32.00	391.10	194.72 S	339.36 W	391.25@	240.15	1.40
2093.00	19.35	244.88	2030.78	32.00	401.55	199.17 S	348.83 W	401.68@	240.28	1.66
2125.00	19.87	245.32	2060.92	32.00	412.27	203.69 S	358.57 W	412.38@	240.40	1.69
2156.00	20.14	245.06	2090.05	31.00	422.86	208.14 S	368.20 W	422.95@	240.52	0.92
2188.00	19.87	243.74	2120.12	32.00	433.79	212.87 S	378.07 W	433.88@	240.62	1.64
2220.00	19.35	243.30	2150.27	32.00	444.53	217.66 S	387.68 W	444.60@	240.69	1.69
2252.00	19.08	243.12	2180.48	32.00	455.05	222.40 S	397.08 W	455.12@	240.75	0.86
2284.00	18.73	242.68	2210.76	32.00	465.42	227.13 S	406.31 W	465.48@	240.80	1.18
2315.00	19.08	243.83	2240.09	31.00	475.46	231.65 S	415.28 W	475.52@	240.85	1.65
2379.00	19.70	244.00	2300.46	64.00	496.69	240.99 S	434.36 W	496.74@	240.98	0.97
2443.00	19.87	243.48	2360.68	64.00	518.34	250.57 S	453.79 W	518.38@	241.09	0.38
2507.00	19.35	242.95	2420.97	64.00	539.81	260.25 S	472.97 W	539.84@	241.18	0.86
2570.00	18.94	241.28	2480.48	63.00	560.47	269.91 S	491.23 W	560.50@	241.21	1.09
2602.00	18.55	241.37	2510.78	32.00	570.76	274.85 S	500.25 W	570.78@	241.21	1.22

# PathFinder Energy Services, Inc.

## Survey Report

XTO ENERGY  
 RBU 11-17E  
 UINTAH COUNTY, UTAH  
 RIG:FRONTIER 6

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Measured Depth (ft)	Incl (deg)	Drift Dir. (deg)	TVD (ft)	Course Length (ft)	Vertical Section (ft)	TOTAL Rectangular Offsets		Closure Dist Dir		DLS (dg/100ft)
						(ft)	(ft)	(ft)	(deg)	
2634.00	18.29	241.89	2541.14	32.00	580.87	279.65 S	509.15 W	580.89@	241.22	0.96
2665.00	18.38	241.89	2570.57	31.00	590.62	284.24 S	517.75 W	590.64@	241.23	0.29
2696.00	18.55	241.63	2599.97	31.00	600.44	288.89 S	526.40 W	600.46@	241.24	0.61
2728.00	18.75	242.77	2630.29	32.00	610.67	293.66 S	535.45 W	610.69@	241.26	1.30
2760.00	18.99	243.30	2660.57	32.00	621.02	298.36 S	544.68 W	621.04@	241.29	0.92
2792.00	19.52	243.65	2690.78	32.00	631.56	303.07 S	554.12 W	631.58@	241.32	1.70
2855.00	20.14	242.86	2750.05	63.00	652.93	312.69 S	573.20 W	652.94@	241.39	1.07
2887.00	20.05	242.33	2780.10	32.00	663.92	317.75 S	582.96 W	663.93@	241.41	0.63
2950.00	20.14	242.51	2839.27	63.00	685.57	327.77 S	602.15 W	685.58@	241.44	0.17
3013.00	20.40	242.42	2898.36	63.00	707.39	337.86 S	621.50 W	707.40@	241.47	0.42
3107.00	20.58	241.72	2986.42	94.00	740.29	353.27 S	650.57 W	740.30@	241.50	0.32
3171.00	20.05	241.28	3046.44	64.00	762.51	363.87 S	670.10 W	762.52@	241.50	0.86
3234.00	20.42	241.33	3105.55	63.00	784.30	374.33 S	689.21 W	784.31@	241.49	0.59
3329.00	19.52	239.96	3194.83	95.00	816.74	390.23 S	717.49 W	816.75@	241.46	1.07
3361.00	19.35	238.73	3225.01	32.00	827.38	395.66 S	726.65 W	827.39@	241.43	1.38
3393.00	18.99	238.90	3255.24	32.00	837.87	401.10 S	735.64 W	837.89@	241.40	1.14
3425.00	18.55	239.43	3285.54	32.00	848.16	406.38 S	744.48 W	848.17@	241.37	1.47
3457.00	18.29	240.22	3315.90	32.00	858.26	411.46 S	753.22 W	858.28@	241.35	1.13
3489.00	17.59	240.05	3346.34	32.00	868.11	416.37 S	761.77 W	868.14@	241.34	2.19
3521.00	16.71	239.96	3376.92	32.00	877.55	421.09 S	769.94 W	877.57@	241.33	2.75
3553.00	16.27	240.66	3407.60	32.00	886.63	425.59 S	777.83 W	886.65@	241.32	1.51
3584.00	16.18	241.28	3437.37	31.00	895.29	429.79 S	785.41 W	895.31@	241.31	0.63
3616.00	16.27	241.89	3468.09	32.00	904.23	434.04 S	793.27 W	904.25@	241.31	0.60
3648.00	15.74	242.24	3498.85	32.00	913.05	438.18 S	801.07 W	913.08@	241.32	1.68
3680.00	15.21	242.24	3529.69	32.00	921.59	442.15 S	808.62 W	921.61@	241.33	1.66
3710.00	14.68	242.86	3558.68	30.00	929.32	445.72 S	815.49 W	929.35@	241.34	1.85
3742.00	13.89	244.09	3589.69	32.00	937.22	449.25 S	822.55 W	937.24@	241.36	2.64
3774.00	13.28	244.00	3620.79	32.00	944.73	452.54 S	829.31 W	944.75@	241.38	1.91
3808.00	11.87	243.74	3653.97	34.00	952.12	455.80 S	835.96 W	952.14@	241.40	4.15

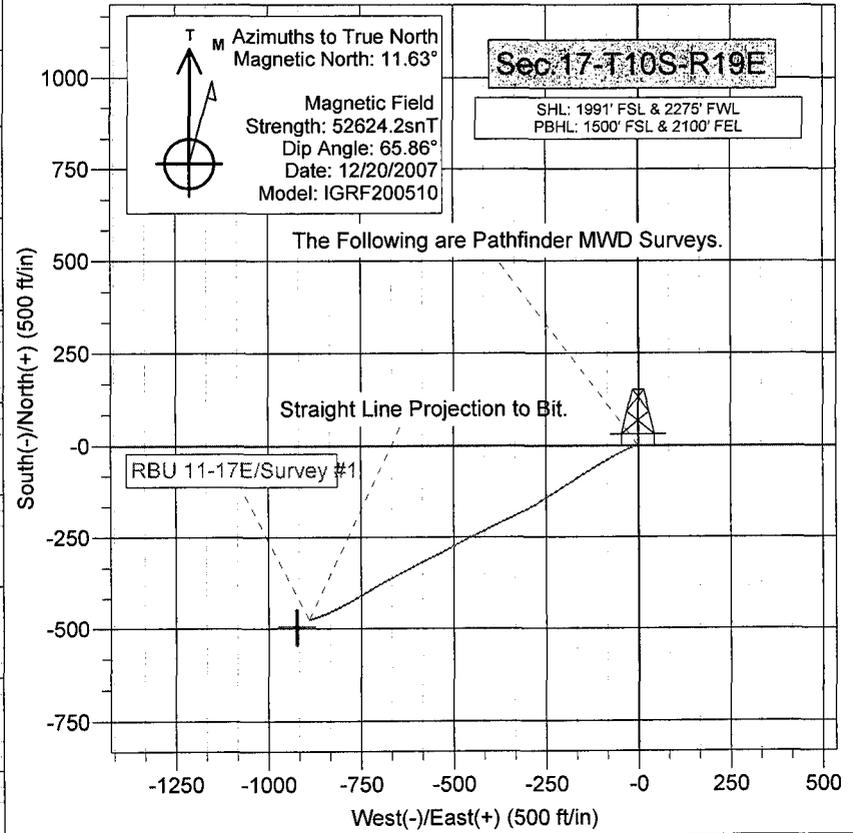
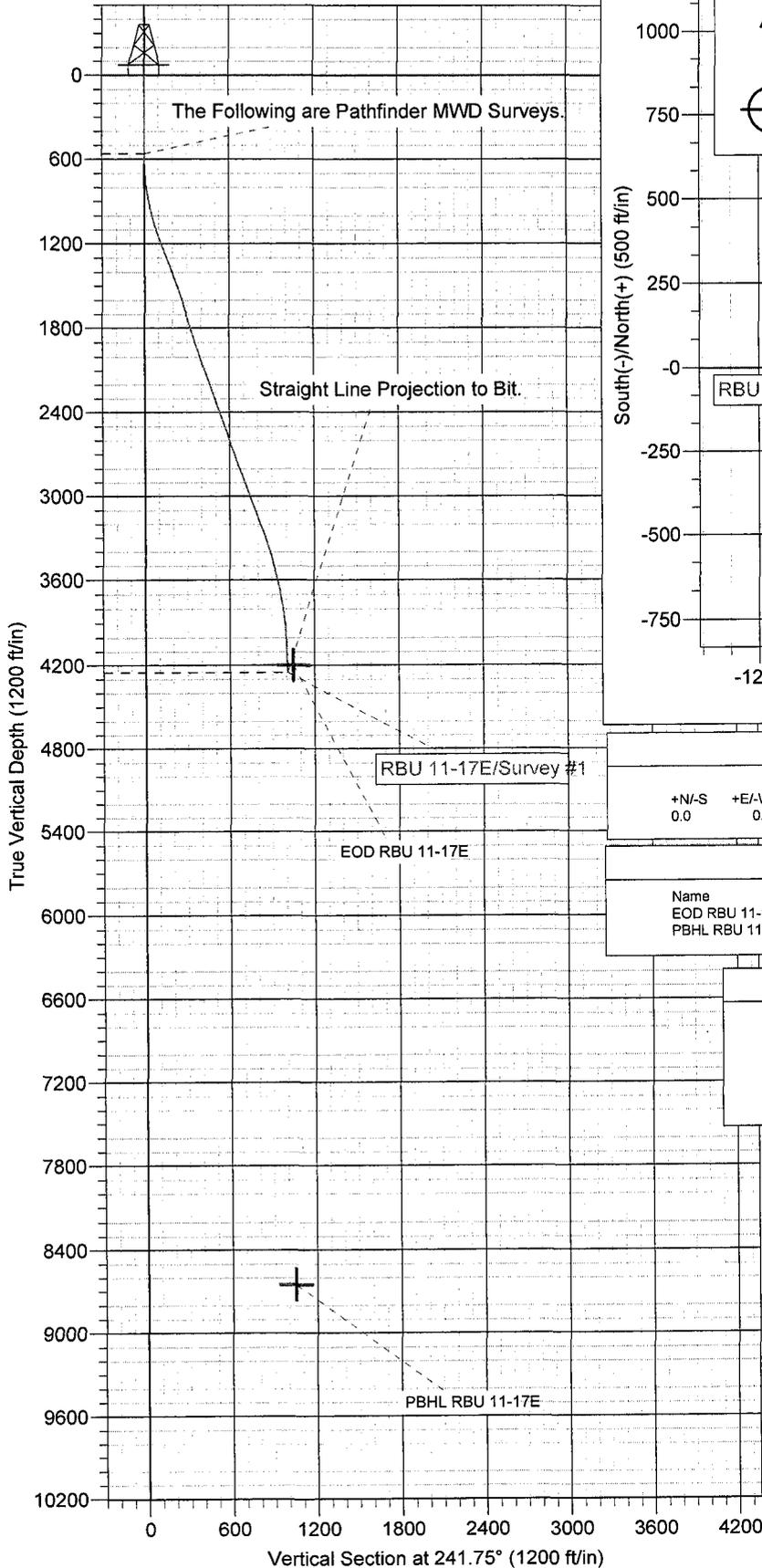
# PathFinder Energy Services, Inc.

## Survey Report

XTO ENERGY  
 RBU 11-17E  
 UINTAH COUNTY, UTAH  
 RIG:FRONTIER 6

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Measured Depth (ft)	Incl (deg)	Drift Dir. (deg)	TVD (ft)	Course Length (ft)	Vertical Section (ft)	TOTAL		Closure		DLS (dg/100ft)
						Rectangular (ft)	Offsets (ft)	Dist (ft)	Dir (deg)	
3838.00	11.17	243.74	3683.37	30.00	958.11	458.45 S	841.33 W	958.13@	241.41	2.33
3870.00	10.64	264.18	3714.80	32.00	963.94	460.12 S	847.05 W	963.95@	241.49	12.13
3901.00	10.11	244.53	3745.31	31.00	969.31	461.58 S	852.35 W	969.31@	241.56	11.49
3933.00	9.15	246.64	3776.85	32.00	974.65	463.80 S	857.23 W	974.65@	241.58	3.20
3965.00	8.18	247.43	3808.49	32.00	979.45	465.68 S	861.66 W	979.45@	241.61	3.05
3997.00	7.65	247.34	3840.18	32.00	983.83	467.37 S	865.73 W	983.83@	241.64	1.66
4029.00	7.03	249.54	3871.92	32.00	987.89	468.88 S	869.53 W	987.89@	241.67	2.13
4060.00	5.63	251.21	3902.73	31.00	991.27	470.03 S	872.75 W	991.27@	241.69	4.55
4090.00	4.57	251.74	3932.61	30.00	993.90	470.88 S	875.28 W	993.90@	241.72	3.54
4124.00	3.78	252.70	3966.52	34.00	996.34	471.64 S	877.63 W	996.34@	241.75	2.33
4156.00	2.90	253.58	3998.47	32.00	998.16	472.18 S	879.42 W	998.16@	241.77	2.75
4188.00	2.46	253.49	4030.43	32.00	999.63	472.61 S	880.85 W	999.63@	241.79	1.38
4220.00	2.37	254.29	4062.40	32.00	1000.95	472.98 S	882.15 W	1000.95@	241.80	0.30
4251.00	2.37	253.93	4093.38	31.00	1002.20	473.33 S	883.38 W	1002.20@	241.82	0.05
4283.00	2.37	256.83	4125.35	32.00	1003.48	473.66 S	884.66 W	1003.48@	241.83	0.37
4315.00	2.55	260.88	4157.32	32.00	1004.80	473.93 S	886.01 W	1004.80@	241.86	0.78
4348.00	2.64	261.58	4190.29	33.00	1006.20	474.16 S	887.48 W	1006.21@	241.89	0.29
4358.00	2.64	262.02	4200.28	10.00	1006.64	474.22 S	887.94 W	1006.64@	241.89	0.20
STRAIGHT LINE PROJECTION TO BIT @ 4410' MD										
4410.00	2.64	262.02	4252.22	52.00	1008.88	474.55 S	890.31 W	1008.89@	241.94	0.00



$T_M$  Azimuths to True North  
 Magnetic North: 11.63°  
 Magnetic Field  
 Strength: 52624.2snT  
 Dip Angle: 65.86°  
 Date: 12/20/2007  
 Model: IGRF200510

**Sec. 17-T10S-R19E**  
 SHL: 1991' FSL & 2275' FWL  
 PBHL: 1500' FSL & 2100' FEL

WELL DETAILS: RBU 11-17E

+N/-S	+E/-W	Northing	Ground Level: 5052.0	Latitude	Longitude	Slot
0.0	0.0	7153317.31	Easting 2115509.36	39° 56' 43.249 N	109° 48' 19.109 W	

WELLBORE TARGET DETAILS (LAT/LONG)

Name	TVD	+N/-S	+E/-W	Latitude	Longitude	Shape
EOD RBU 11-17E	4200.0	-496.8	-924.6	39° 56' 38.339 N	109° 48' 30.981 W	Point
PBHL RBU 11-17E	8650.0	-496.8	-924.6	39° 56' 38.339 N	109° 48' 30.981 W	Point

ANNOTATIONS

TVD	MD	Annotation
0.0	0.0	Tie into Surface.
560.0	560.0	The Following are Pathfinder MWD Surveys.
4252.2	4410.0	Straight Line Projection to Bit.