

August 31, 2006

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 17-24E**

*Surface Location:* 703' FNL & 546' FWL, Lot 1 (NW/4 NW/4), Section 19, T10S, R20E, SLB&M  
*Target Location:* 100' FNL & 150' FEL, NE/4 NE/4, Section 24, 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 three copies of the Application for Permit to Drill (APD) for the above referenced BLM administered directional 20-acre in-field well. The location of the surface and target location as well as all points along the intended well bore path are not within 460 feet of the unit boundary or any uncommitted tracts. 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  
Ken Secrest, Dominion

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DIV. OF OIL, GAS & MINING

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UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
**APPLICATION FOR PERMIT TO DRILL OR REENTER**

FORM APPROVED  
OMB No. 1004-0137  
Expires March 31, 2007

5. Lease Serial No. <b>U 013794</b>	
6. If Indian, Allottee or Tribe Name <b>N/A</b>	
7. If Unit or CA Agreement, Name and No. <b>River Bend Unit</b>	
8. Lease Name and Well No. <b>RBU 17-24E</b>	
9. API Well No. <b>43-047-38549</b>	
1a. Type of work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER	10. Field and Pool, or Exploratory <b>Natural Buttes</b>
1b. Type of Well: <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone	11. Sec., T. R. M. or Blk. and Survey or Area <b>19, T10S, R20E</b>
2. Name of Operator <b>Dominion Exploration &amp; Production, Inc.</b>	12. County or Parish <b>Uintah</b>
3a. Address <b>14000 Quail Springs Parkway, Suite 600 Oklahoma City, OK 73134</b>	13. State <b>UT</b>
3b. Phone No. (include area code) <b>405-749-5263</b>	
4. Location of Well (Report location clearly and in accordance with any State requirements.) At surface <b>703' FNL &amp; 546' FWL, Lot 1 (NW/4 NW/4), Section 19, T10S, R20E, SLB</b> At proposed prod. zone <b>100' FNL &amp; 150' FEL, NE/4 NE/4, Section 24, T10S, R19E, SLB&amp;M</b>	
14. Distance in miles and direction from nearest town or post office* <b>10.55 miles southwest of Ouray, Utah</b>	
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) <b>546'</b>	16. No. of acres in lease <b>800 acres</b>
17. Spacing Unit dedicated to this well <b>20 acres</b>	18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. <b>10'</b>
19. Proposed Depth <b>8,600' TVD (8,825' MD)</b>	20. BLM/BIA Bond No. on file <b>WY 3322</b>
21. Elevations (Show whether DF, KDB, RT, GL, etc.) <b>5,133' GR</b>	22. Approximate date work will start* <b>11/15/2006</b>
23. Estimated duration <b>14 days</b>	

**24. Attachments**

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

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

25. Signature <b>Don Hamilton</b>	Name (Printed/Typed) <b>Don Hamilton</b>	Date <b>08/31/2006</b>
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Title **Agent for Dominion**

Approved by (Signature)	Name (Printed/Typed) <b>BRADLEY G. HILL</b>	Date <b>09-25-06</b>
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Title **ENVIRONMENTAL MANAGER**

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, are attached.

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

\*(Instructions on page 2)

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Surf  
609450X  
4421477Y  
39.938224  
-109.718988

BHL 609233X  
4421660Y  
39.939908  
-109.721497

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 17-24E  
SHL: 703' FNL & 546' FWL Section 19-10S-20E  
BHL: 100' FNL & 150' FEL Section 24-10S-19E  
Uintah County, UT

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

<u>Formation</u>	<u>Depth</u>
Wasatch Tongue	4,140'
Uteland Limestone	4,500'
Wasatch	4,660'
Chapita Wells	5,550'
Uteland Buttes	6,780'
Mesaverde	7,670'

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

<u>Formation</u>	<u>Depth</u>	<u>Type</u>
Wasatch Tongue	4,140'	Oil
Uteland Limestone	4,500'	Oil
Wasatch	4,660'	Gas
Chapita Wells	5,550'	Gas
Uteland Buttes	6,780'	Gas
Mesaverde	7,670'	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	STC	0'	3,320'	12-1/4"
Production	5-1/2"	17.0 ppf	MAV-80	LTC	0'	8,600'	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 surface to total depth. The blind rams will be tested once per day from surface 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 out surface casing shoe and anytime a new casing string is set. 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 the surface hole until water influx becomes too great.
- KCL mud system will be used to drill well.
- The mud system will be monitored manually/visually.

<u>Depths</u>	<u>Mud Weight (ppg)</u>	<u>Mud System</u>
0' - 500'	8.4	Air foam mist, no pressure control
500' - 3,320'	8.6	Fresh water, rotating head and diverter
3,320' - 8,600'	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 constant 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 80' 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 H<sub>2</sub>S 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. Polyflake (volume includes 70% excess). Top out as necessary. Casing to be centralized with a total of 5 centralizers.

**b. Intermediate Casing Cement:**

- Drill 12-1/4" hole to 3,320'±, 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 one joint off bottom e) bottom three joints thread locked f) pump job with bottom plug only. Casing to be centralized with a total of 15 centralizers.
- Cement to surface not required due to surface casing set deeper than normal.

Type	Sacks	Interval	Density	Yield	Hole Volume	Cement Volume
Lead	389	0'-2,820'	10.5 ppg	4.14 CFS	921 CF	1,612 CF
Tail	254	2,820-3,320'	15.6 ppg	1.2 CFS	174 CF	304 CF

Intermediate design volumes based on 75% excess of gauge hole.

**Lead Mix:** Halliburton Prem Plus V blend. Blend includes Class "C" cement, gel, salt, gilsonite, EX-1 and HR-7.  
 Slurry yield: 4.14 cf/sack      Slurry weight: 10.5 #/gal.  
 Water requirement: 26.07 gal/sack  
 Compressives @ 110°F: 72 psi after 24 hours

**Tail Mix:** Class "G" Cement, 1/4 lb/sk Cellophane Flakes + 2% bwoc Calcium Chloride + 46.5% fresh water.  
 Slurry yield: 1.20 cf/sack      Slurry weight: 15.6 #/gal.  
 Pump Time: 1 hr. 5 min. @ 110 °F.  
 Compressives @ 110 °F: 2,500 psi after 24 hours

**c. Production Casing Cement:**

- Drill 7-7/8" hole to 8,600'±, run and cement 5 1/2".
- Pump 20 bbl Mud Clean II unweighted spacer, followed by 20 Bbls fresh H2O spacer.
- Displace with 2% KCL.
- Production casing to be centralized with 30 centralizers.

Type	Sacks	Interval	Density	Yield	Hole Volume	Cement Volume
Lead	90	3,860'-4,660'	11.5 ppg	3.12 CFS	139 CF	277 CF
Tail	790	4,660'-8,600'	13.0 ppg	1.75 CFS	683 CF	1365 CF

Production design volumes based on 35% excess of gauge hole. Actual volumes will be calculated from caliper log to bring lead cement to 800' above top of Wasatch + 15% excess, and tail cement to top of Wasatch +15%.

**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, 2006  
 Duration: 14 Days



**Dominion™**

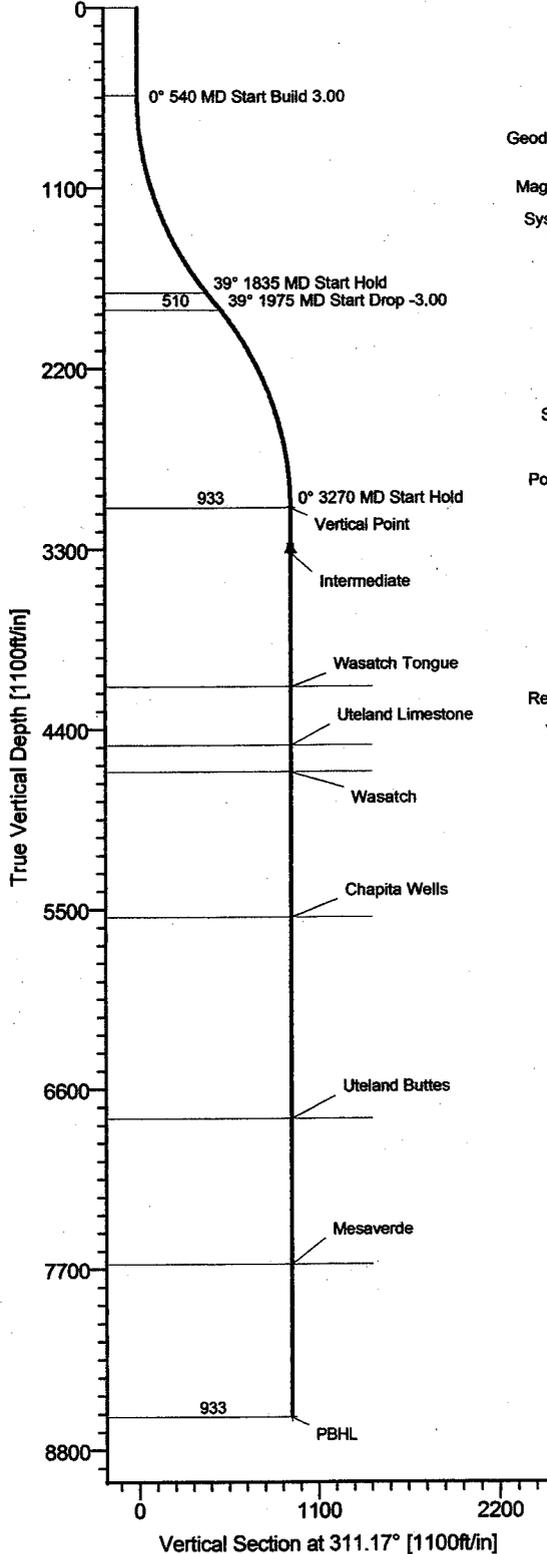
### Dominion Exploration & Production

Field: Uintah County, Utah  
Site: RBU 17-24E  
Well: RBU 17-24E  
Wellpath: Original Hole  
Plan: Plan #1



Azimuths to True North  
Magnetic North: 11.77°

Magnetic Field  
Strength: 52800nT  
Dip Angle: 65.90°  
Date: 8/23/2006  
Model: igrf2005



#### FIELD DETAILS

Uintah County, Utah  
Utah - Natural Buttes  
USA

Geodetic System: US State Plane Coordinate System 1983  
Ellipsoid: GRS 1980  
Zone: Utah, Central Zone  
Magnetic Model: igrf2005

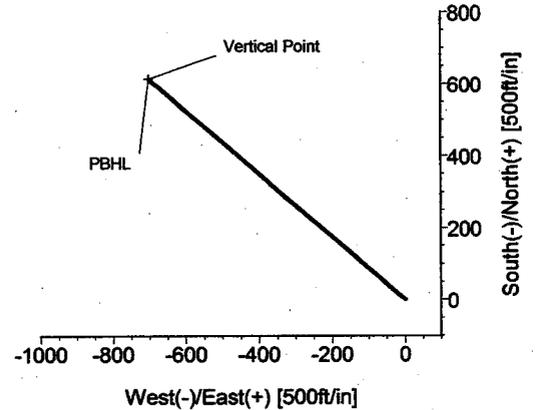
System Datum: Mean Sea Level  
Local North: True North

#### SITE DETAILS

RBU 17-24E  
Sec 19 10S, 20 E  
Uintah County, Utah

Site Centre Latitude: 39°56'17.650N  
Longitude: 109°43'10.930W

Ground Level: 5133.00  
Positional Uncertainty: 0.00  
Convergence: 1.14



#### WELLPATH DETAILS

Original Hole

Rig:	Est RKB	5150.00ft	
Ref. Datum:			
V. Section Angle	Origin +N/-S	Origin +E/-W	Starting From TVD
311.17°	0.00	0.00	8600.00

#### WELL DETAILS

Name	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
RBU 17-24E	0.00	0.00	7151208.20	2139560.81	39°56'17.650N	109°43'10.930W	N/A

#### TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Shape
Vertical Point	3045.00	614.04	-702.08	Point
PBHL	8600.00	614.04	-702.08	Point

#### FORMATION TOP DETAILS

No.	TVDPath	MDPath	Formation
1	4140.00	4364.90	Wasatch Tongue
2	4500.00	4724.90	Uteland Limestone
3	4660.00	4884.90	Wasatch
4	5550.00	5774.90	Chapita Wells
5	6780.00	7004.90	Uteland Buttes
6	7670.00	7894.90	Mesaverde

#### SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.00	0.00	311.17	0.00	0.00	0.00	0.00	0.00	0.00	
2	540.00	0.00	311.17	540.00	0.00	0.00	0.00	0.00	0.00	
3	1834.99	38.85	311.17	1738.02	278.13	-318.01	3.00	311.17	422.48	
4	1974.90	38.85	311.17	1846.98	335.91	-384.07	0.00	0.00	510.24	
5	3269.90	0.00	311.17	3045.00	614.04	-702.08	3.00	180.00	932.72	Vertical Point
6	8624.90	0.00	311.17	8600.00	614.04	-702.08	0.00	311.17	932.72	PBHL

Ryan Energy Technologies  
19510 Oil Center Blvd  
Houston, TX 77073  
Ph: 281-443-1414  
Fx: 281-443-1676



Plan: Plan #1 (RBU 17-24E/Original Hole)  
Created By: Alicia Gonzalez Date: 8/24/2006  
Checked: \_\_\_\_\_ Date: \_\_\_\_\_  
Reviewed: \_\_\_\_\_ Date: \_\_\_\_\_  
Approved: \_\_\_\_\_ Date: \_\_\_\_\_

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# Ryan Energy Technologies Planning Report



<b>Company:</b> Dominion Exploration & Product	<b>Date:</b> 8/24/2006	<b>Time:</b> 08:23:19	<b>Page:</b> 1
<b>Field:</b> Uintah County, Utah	<b>Co-ordinate(NE) Reference:</b> Well: RBU 17-24E, True North		
<b>Site:</b> RBU 17-24E	<b>Vertical (TVD) Reference:</b> Est RKB 5150.0		
<b>Well:</b> RBU 17-24E	<b>Section (VS) Reference:</b> Well (0.00N,0.00E,311.17Azi)		
<b>Wellpath:</b> Original Hole	<b>Plan:</b> Plan #1		

<b>Field:</b> Uintah County, Utah Utah - Natural Buttes USA	<b>Map Zone:</b> Utah, Central Zone
<b>Map System:</b> US State Plane Coordinate System 1983	<b>Coordinate System:</b> Well Centre
<b>Geo Datum:</b> GRS 1980	<b>Geomagnetic Model:</b> igrf2005
<b>Sys Datum:</b> Mean Sea Level	

<b>Site:</b> RBU 17-24E Sec 19 10S, 20 E Uintah County, Utah			
<b>Site Position:</b>	<b>Northing:</b> 7151208.20 ft	<b>Latitude:</b> 39 56 17.650 N	
<b>From:</b> Geographic	<b>Easting:</b> 2139560.81 ft	<b>Longitude:</b> 109 43 10.930 W	
<b>Position Uncertainty:</b> 0.00 ft		<b>North Reference:</b> True	
<b>Ground Level:</b> 5133.00 ft		<b>Grid Convergence:</b> 1.14 deg	

<b>Well:</b> RBU 17-24E	<b>Slot Name:</b>
<b>Well Position:</b> +N/-S 0.00 ft	<b>Northing:</b> 7151208.20 ft
+E/-W 0.00 ft	<b>Easting:</b> 2139560.81 ft
<b>Position Uncertainty:</b> 0.00 ft	
	<b>Latitude:</b> 39 56 17.650 N
	<b>Longitude:</b> 109 43 10.930 W

<b>Wellpath:</b> Original Hole	<b>Drilled From:</b> Surface
<b>Current Datum:</b> Est RKB	<b>Tie-on Depth:</b> 0.00 ft
<b>Magnetic Data:</b> 8/23/2006	<b>Above System Datum:</b> Mean Sea Level
<b>Field Strength:</b> 52800 nT	<b>Declination:</b> 11.77 deg
<b>Vertical Section:</b> Depth From (TVD)	<b>Mag Dip Angle:</b> 65.90 deg
ft	+N/-S
	+E/-W
	Direction
	deg
8600.00	0.00
	0.00
	311.17

<b>Plan:</b> Plan #1	<b>Date Composed:</b> 8/23/2006
<b>Principal:</b> Yes	<b>Version:</b> 1
	<b>Tied-to:</b> From Surface

**Plan Section Information**

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg	Target
0.00	0.00	311.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
540.00	0.00	311.17	540.00	0.00	0.00	0.00	0.00	0.00	0.00	
1834.99	38.85	311.17	1738.02	278.13	-318.01	3.00	3.00	0.00	311.17	
1974.90	38.85	311.17	1846.98	335.91	-384.07	0.00	0.00	0.00	0.00	
3269.90	0.00	311.17	3045.00	614.04	-702.08	3.00	-3.00	0.00	180.00	Vertical Point
8824.90	0.00	311.17	8600.00	614.04	-702.08	0.00	0.00	0.00	311.17	PBHL

**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
540.00	0.00	311.17	540.00	0.00	0.00	0.00	0.00	0.00	0.00	
600.00	1.80	311.17	599.99	0.62	-0.71	0.94	3.00	3.00	0.00	
700.00	4.80	311.17	699.81	4.41	-5.04	6.70	3.00	3.00	0.00	
800.00	7.80	311.17	799.20	11.63	-13.30	17.67	3.00	3.00	0.00	
900.00	10.80	311.17	897.87	22.27	-25.46	33.83	3.00	3.00	0.00	
1000.00	13.80	311.17	995.57	36.29	-41.50	55.13	3.00	3.00	0.00	
1100.00	16.80	311.17	1092.01	53.66	-61.36	81.51	3.00	3.00	0.00	
1200.00	19.80	311.17	1186.94	74.33	-84.99	112.91	3.00	3.00	0.00	
1300.00	22.80	311.17	1280.10	98.24	-112.33	149.23	3.00	3.00	0.00	
1400.00	25.80	311.17	1371.23	125.33	-143.30	190.38	3.00	3.00	0.00	
1500.00	28.80	311.17	1460.08	155.52	-177.82	236.24	3.00	3.00	0.00	
1600.00	31.80	311.17	1546.41	188.74	-215.80	286.69	3.00	3.00	0.00	
1700.00	34.80	311.17	1629.98	224.88	-257.12	341.58	3.00	3.00	0.00	
1800.00	37.80	311.17	1710.57	263.85	-301.67	400.78	3.00	3.00	0.00	
1834.99	38.85	311.17	1738.02	278.13	-318.01	422.48	3.00	3.00	0.00	



# Ryan Energy Technologies Planning Report



**Company:** Dominion Exploration & Product  
**Field:** Uintah County, Utah  
**Site:** RBU 17-24E  
**Well:** RBU 17-24E  
**Wellpath:** Original Hole

**Date:** 8/24/2006      **Time:** 08:23:19  
**Co-ordinate(NE) Reference:** Well: RBU 17-24E, True North  
**Vertical (TVD) Reference:** Est RKB 5150.0  
**Section (VS) Reference:** Well (0.00N,0.00E,311.17Azi)  
**Plan:** Plan #1

**Page:** 2

**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
1900.00	38.85	311.17	1788.64	304.98	-348.70	463.25	0.00	0.00	0.00	
1974.90	38.85	311.17	1846.98	335.91	-384.07	510.24	0.00	0.00	0.00	
2000.00	38.10	311.17	1866.63	346.19	-395.82	525.85	3.00	-3.00	0.00	
2100.00	35.10	311.17	1946.90	385.43	-440.69	585.47	3.00	-3.00	0.00	
2200.00	32.10	311.17	2030.19	421.86	-482.34	640.79	3.00	-3.00	0.00	
2300.00	29.10	311.17	2116.25	455.36	-520.65	691.69	3.00	-3.00	0.00	
2400.00	26.10	311.17	2204.87	485.86	-555.52	738.01	3.00	-3.00	0.00	
2500.00	23.10	311.17	2295.78	513.25	-586.84	779.63	3.00	-3.00	0.00	
2600.00	20.10	311.17	2388.75	537.48	-614.55	816.43	3.00	-3.00	0.00	
2700.00	17.10	311.17	2483.52	558.48	-638.55	848.32	3.00	-3.00	0.00	
2800.00	14.10	311.17	2579.83	576.18	-658.79	875.20	3.00	-3.00	0.00	
2900.00	11.10	311.17	2677.41	590.53	-675.20	897.01	3.00	-3.00	0.00	
3000.00	8.10	311.17	2776.00	601.51	-687.75	913.68	3.00	-3.00	0.00	
3100.00	5.10	311.17	2875.32	609.07	-696.40	925.16	3.00	-3.00	0.00	
3200.00	2.10	311.17	2975.11	613.20	-701.12	931.44	3.00	-3.00	0.00	
3269.90	0.00	311.17	3045.00	614.04	-702.08	932.72	3.00	-3.00	0.00	Vertical Point
3300.00	0.00	311.17	3075.10	614.04	-702.08	932.72	0.00	0.00	0.00	
3400.00	0.00	311.17	3175.10	614.04	-702.08	932.72	0.00	0.00	0.00	
3500.00	0.00	311.17	3275.10	614.04	-702.08	932.72	0.00	0.00	0.00	
3544.90	0.00	311.17	3320.00	614.04	-702.08	932.72	0.00	0.00	0.00	Intermediate
3600.00	0.00	311.17	3375.10	614.04	-702.08	932.72	0.00	0.00	0.00	
3700.00	0.00	311.17	3475.10	614.04	-702.08	932.72	0.00	0.00	0.00	
3800.00	0.00	311.17	3575.10	614.04	-702.08	932.72	0.00	0.00	0.00	
3900.00	0.00	311.17	3675.10	614.04	-702.08	932.72	0.00	0.00	0.00	
4000.00	0.00	311.17	3775.10	614.04	-702.08	932.72	0.00	0.00	0.00	
4100.00	0.00	311.17	3875.10	614.04	-702.08	932.72	0.00	0.00	0.00	
4200.00	0.00	311.17	3975.10	614.04	-702.08	932.72	0.00	0.00	0.00	
4300.00	0.00	311.17	4075.10	614.04	-702.08	932.72	0.00	0.00	0.00	
4364.90	0.00	311.17	4140.00	614.04	-702.08	932.72	0.00	0.00	0.00	Wasatch Tongue
4400.00	0.00	311.17	4175.10	614.04	-702.08	932.72	0.00	0.00	0.00	
4500.00	0.00	311.17	4275.10	614.04	-702.08	932.72	0.00	0.00	0.00	
4600.00	0.00	311.17	4375.10	614.04	-702.08	932.72	0.00	0.00	0.00	
4700.00	0.00	311.17	4475.10	614.04	-702.08	932.72	0.00	0.00	0.00	
4724.90	0.00	311.17	4500.00	614.04	-702.08	932.72	0.00	0.00	0.00	Uteland Limestone
4800.00	0.00	311.17	4575.10	614.04	-702.08	932.72	0.00	0.00	0.00	
4884.90	0.00	311.17	4660.00	614.04	-702.08	932.72	0.00	0.00	0.00	Wasatch
4900.00	0.00	311.17	4675.10	614.04	-702.08	932.72	0.00	0.00	0.00	
5000.00	0.00	311.17	4775.10	614.04	-702.08	932.72	0.00	0.00	0.00	
5100.00	0.00	311.17	4875.10	614.04	-702.08	932.72	0.00	0.00	0.00	
5200.00	0.00	311.17	4975.10	614.04	-702.08	932.72	0.00	0.00	0.00	
5300.00	0.00	311.17	5075.10	614.04	-702.08	932.72	0.00	0.00	0.00	
5400.00	0.00	311.17	5175.10	614.04	-702.08	932.72	0.00	0.00	0.00	
5500.00	0.00	311.17	5275.10	614.04	-702.08	932.72	0.00	0.00	0.00	
5600.00	0.00	311.17	5375.10	614.04	-702.08	932.72	0.00	0.00	0.00	
5700.00	0.00	311.17	5475.10	614.04	-702.08	932.72	0.00	0.00	0.00	
5774.90	0.00	311.17	5550.00	614.04	-702.08	932.72	0.00	0.00	0.00	Chapita Wells
5800.00	0.00	311.17	5575.10	614.04	-702.08	932.72	0.00	0.00	0.00	
5900.00	0.00	311.17	5675.10	614.04	-702.08	932.72	0.00	0.00	0.00	
6000.00	0.00	311.17	5775.10	614.04	-702.08	932.72	0.00	0.00	0.00	
6100.00	0.00	311.17	5875.10	614.04	-702.08	932.72	0.00	0.00	0.00	
6200.00	0.00	311.17	5975.10	614.04	-702.08	932.72	0.00	0.00	0.00	
6300.00	0.00	311.17	6075.10	614.04	-702.08	932.72	0.00	0.00	0.00	
6400.00	0.00	311.17	6175.10	614.04	-702.08	932.72	0.00	0.00	0.00	
6500.00	0.00	311.17	6275.10	614.04	-702.08	932.72	0.00	0.00	0.00	



# Ryan Energy Technologies Planning Report



**Company:** Dominion Exploration & Product  
**Field:** Uintah County, Utah  
**Site:** RBU 17-24E  
**Well:** RBU 17-24E  
**Wellpath:** Original Hole

**Date:** 8/24/2006 **Time:** 08:23:19 **Page:** 3  
**Co-ordinate(NE) Reference:** Well: RBU 17-24E, True North  
**Vertical (TVD) Reference:** Est RKB 5150.0  
**Section (VS) Reference:** Well (0.00N,0.00E,311.17Azi)  
**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
6600.00	0.00	311.17	6375.10	614.04	-702.08	932.72	0.00	0.00	0.00	
6700.00	0.00	311.17	6475.10	614.04	-702.08	932.72	0.00	0.00	0.00	
6800.00	0.00	311.17	6575.10	614.04	-702.08	932.72	0.00	0.00	0.00	
6900.00	0.00	311.17	6675.10	614.04	-702.08	932.72	0.00	0.00	0.00	
7000.00	0.00	311.17	6775.10	614.04	-702.08	932.72	0.00	0.00	0.00	
7004.90	0.00	311.17	6780.00	614.04	-702.08	932.72	0.00	0.00	0.00	Uteland Buttes
7100.00	0.00	311.17	6875.10	614.04	-702.08	932.72	0.00	0.00	0.00	
7200.00	0.00	311.17	6975.10	614.04	-702.08	932.72	0.00	0.00	0.00	
7300.00	0.00	311.17	7075.10	614.04	-702.08	932.72	0.00	0.00	0.00	
7400.00	0.00	311.17	7175.10	614.04	-702.08	932.72	0.00	0.00	0.00	
7500.00	0.00	311.17	7275.10	614.04	-702.08	932.72	0.00	0.00	0.00	
7600.00	0.00	311.17	7375.10	614.04	-702.08	932.72	0.00	0.00	0.00	
7700.00	0.00	311.17	7475.10	614.04	-702.08	932.72	0.00	0.00	0.00	
7800.00	0.00	311.17	7575.10	614.04	-702.08	932.72	0.00	0.00	0.00	
7894.90	0.00	311.17	7670.00	614.04	-702.08	932.72	0.00	0.00	0.00	Mesaverde
7900.00	0.00	311.17	7675.10	614.04	-702.08	932.72	0.00	0.00	0.00	
8000.00	0.00	311.17	7775.10	614.04	-702.08	932.72	0.00	0.00	0.00	
8100.00	0.00	311.17	7875.10	614.04	-702.08	932.72	0.00	0.00	0.00	
8200.00	0.00	311.17	7975.10	614.04	-702.08	932.72	0.00	0.00	0.00	
8300.00	0.00	311.17	8075.10	614.04	-702.08	932.72	0.00	0.00	0.00	
8400.00	0.00	311.17	8175.10	614.04	-702.08	932.72	0.00	0.00	0.00	
8500.00	0.00	311.17	8275.10	614.04	-702.08	932.72	0.00	0.00	0.00	
8600.00	0.00	311.17	8375.10	614.04	-702.08	932.72	0.00	0.00	0.00	
8700.00	0.00	311.17	8475.10	614.04	-702.08	932.72	0.00	0.00	0.00	
8800.00	0.00	311.17	8575.10	614.04	-702.08	932.72	0.00	0.00	0.00	
8824.90	0.00	311.17	8600.00	614.04	-702.08	932.72	0.00	0.00	0.00	PBHL

### Targets

Name	Description Dip. Dir.	TVD ft	+N/-S ft	+E/-W ft	Map Northing ft	Map Easting ft	← Latitude →			← Longitude →				
							Deg	Min	Sec	Deg	Min	Sec		
Vertical Point		3045.00	614.04	-702.08	7151808.142138846.64		39	56	23.719	N	109	43	19.944	W
-Plan hit target														
PBHL		8600.00	614.04	-702.08	7151808.142138846.64		39	56	23.719	N	109	43	19.944	W
-Plan hit target														

### Casing Points

MD ft	TVD ft	Diameter in	Hole Size in	Name
3544.90	3320.00	9.625	9.625	Intermediate

### Formations

MD ft	TVD ft	Formations	Lithology	Dip Angle deg	Dip Direction deg
4364.90	4140.00	Wasatch Tongue		0.00	0.00
4724.90	4500.00	Uteland Limestone		0.00	0.00
4884.90	4660.00	Wasatch		0.00	0.00
5774.90	5550.00	Chapita Wells		0.00	0.00
7004.90	6780.00	Uteland Buttes		0.00	0.00
7894.90	7670.00	Mesaverde		0.00	0.00

## 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 17-24E  
SHL: 703' FNL & 546' FWL Section 19-10S-20E  
BHL: 100' FNL & 150' FEL Section 24-10S-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 BLM onsite inspection for the referenced well was conducted on Thursday, August 10, 2006 at approximately 11:36 am. In attendance at the onsite inspection were the following individuals:

Karl Wright  
Brandon McDonald  
Ken Secrest  
Brandon Bowthorpe  
Billy McClure  
Randy Jackson  
Don Hamilton

Nat. Res. Prot. Spec.  
Wildlife Biologist  
Field Foreman  
Surveyor  
Foreman  
Foreman  
Agent

Bureau of Land Management – Vernal  
Bureau of Land Management – Vernal  
Dominion E & P, Inc.  
Uintah Engineering & Land Surveying  
LaRose Construction  
Jackson Construction  
Buys & Associates, Inc.

1. Existing Roads:

- a. No upgrades to existing roads and no new roads are proposed at this time since access will utilize the existing road to the existing well site.
- b. The proposed well site is located approximately 10.60 miles south of Ouray, UT.
- c. Directions to the proposed well site have been attached at the end of Exhibit B.
- d. 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.
- e. 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 any 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 and both utilize entirely existing disturbance.

2. Planned Access Roads:

- a. The proposed well utilizes the existing wellsite RBU 4-19F with no new access proposed.
- b. The operator will be responsible for all maintenance of the existing 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 or Carlsbad Canyon 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.
- f. No new pipeline corridors are proposed at this time since gas transportation will utilize the existing pipeline network to the existing well site.
- g. The existing pipeline will be upgrade to 10" or less, as needed, from the proposed well to the existing Compressor #3 to provide additional production transportation capacity from the proposed 20 acre in-field wells.
- h. The upgraded gas pipeline will be a 10" 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.
- i. Dominion intends on installing the upgraded 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.

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 Ute Tribal or 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 northeast 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 16 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 west.
- 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 (Interim Reclamation and Final Reclamation):

- 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. 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 re-contoured to the approximate natural contours.
- c. Following BLM published Best Management Practices the interim reclamation will be completed within 90 days of completion of the well to reestablish vegetation, reduce dust and erosion and compliment the visual resources of the area.
  - a. All equipment and debris will be removed from the area proposed for interim reclamation and the pit area will be backfilled and re-contoured.
  - b. The area outside of the rig anchors and other disturbed areas not needed for the operation of the well will be re-contoured to blend with the surrounding area and reseeded at 12 lbs /acre with the following native grass seeds:
    - 1. Crested Wheat Grass (4 lbs / acre)
    - 2. Needle and Thread Grass (4 lbs / acre)
    - 3. Rice Grass (4 lbs / acre)
  - c. Reclaimed areas receiving incidental disturbance during the life of the producing well will be re-contoured and reseeded as soon as practical.
- d. 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 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.
- e. Prior to final abandonment of 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. No drainage crossings that require additional State or Federal approval are being crossed.
  - c. **A pipeline upgrade is proposed with this application.**

13. Operator's Representative and Certification

Title	Name	Office Phone
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: 8-31-06

**DOMINION EXPLR. & PROD., INC.**  
**RBU #19-19F, #20-19F & #17-24E**  
**SECTION 19, T10S, R20E, 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, THEN SOUTHWESTERLY DIRECTION APPROXIMATELY 3.4 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHWEST; TURN LEFT AND PROCEED IN A SOUTHWESTERLY, THEN SOUTHERLY DIRECTION APPROXIMATELY 1.6 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTHEAST; TURN LEFT AND PROCEED IN A NORTHEASTERLY DIRECTION APPROXIMATELY 0.6 MILES TO THE EXISTING #4-19F AND THE PROPOSED LOCATION.

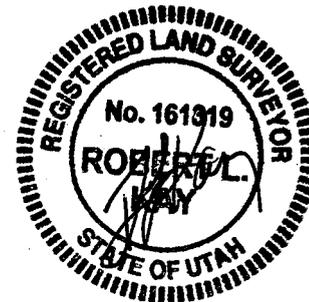
TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 51.8 MILES.



# DOMINION EXPLR. & PROD., INC.

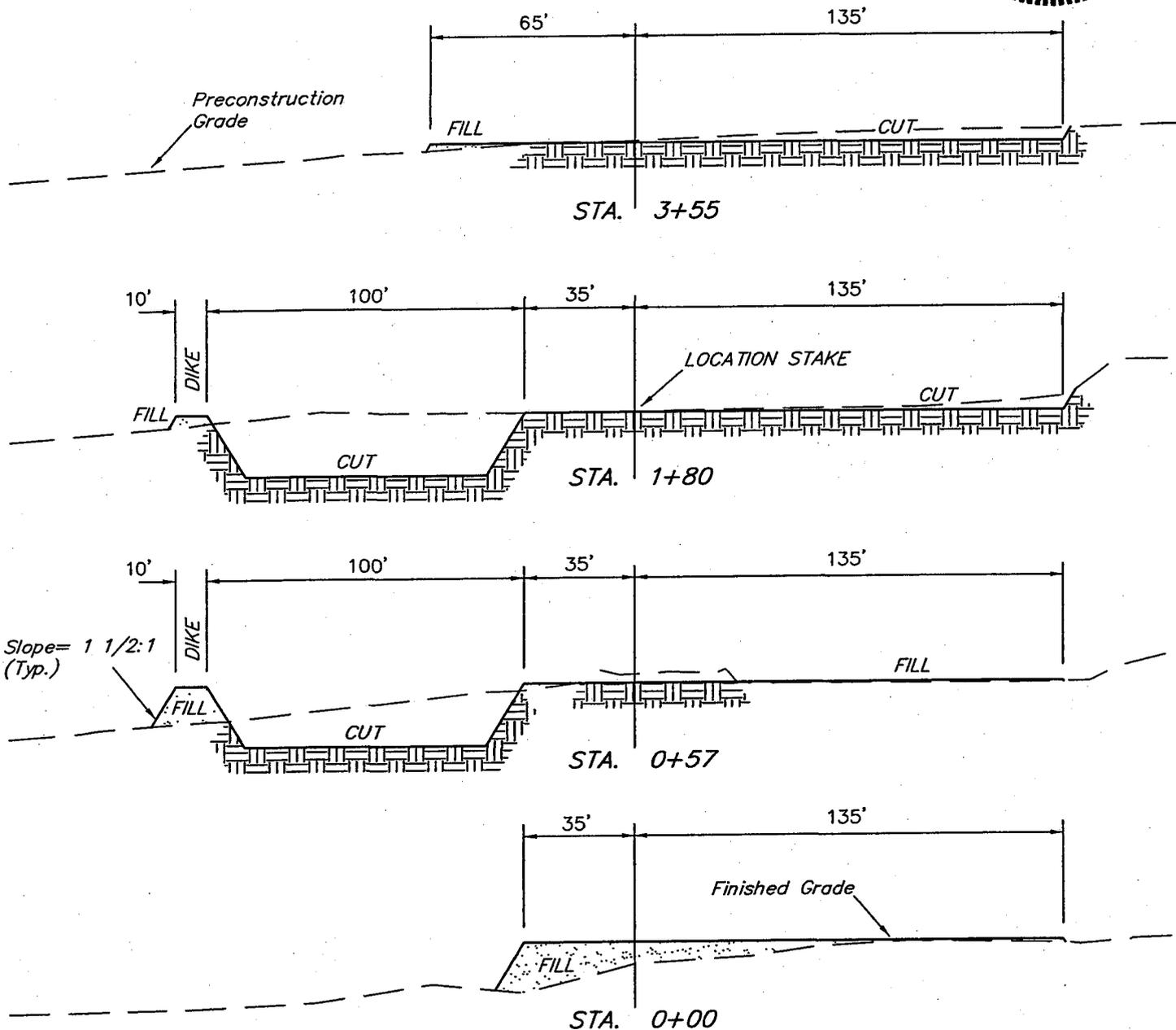
## TYPICAL CROSS SECTIONS FOR

RBU #19-19F, #20-19F & #17-24E  
SECTION 19, T10S, R20E, S.L.B.&M.  
LOT 1



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

DATE: 07-21-06  
Drawn By: L.K.



\* NOTE:  
FILL QUANTITY INCLUDES  
5% FOR COMPACTION

### APPROXIMATE YARDAGES

TOTAL CUT = 4,070 CU.YDS.  
FILL = 1,040 CU.YDS.

EXCESS MATERIAL = 3,030 Cu. Yds.  
Pit Backfill = 1,690 Cu. Yds.  
(1/2 Pit Vol.)  
EXCESS UNBALANCE = 1,340 Cu. Yds.  
(After Rehabilitation)

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

# DOMINION EXPLR. & PROD., INC.

RBU #19-19F, #20-19F & #17-24E

LOCATED IN UINTAH COUNTY, UTAH

SECTION 19, T10S, R20E, S.L.B.&M.

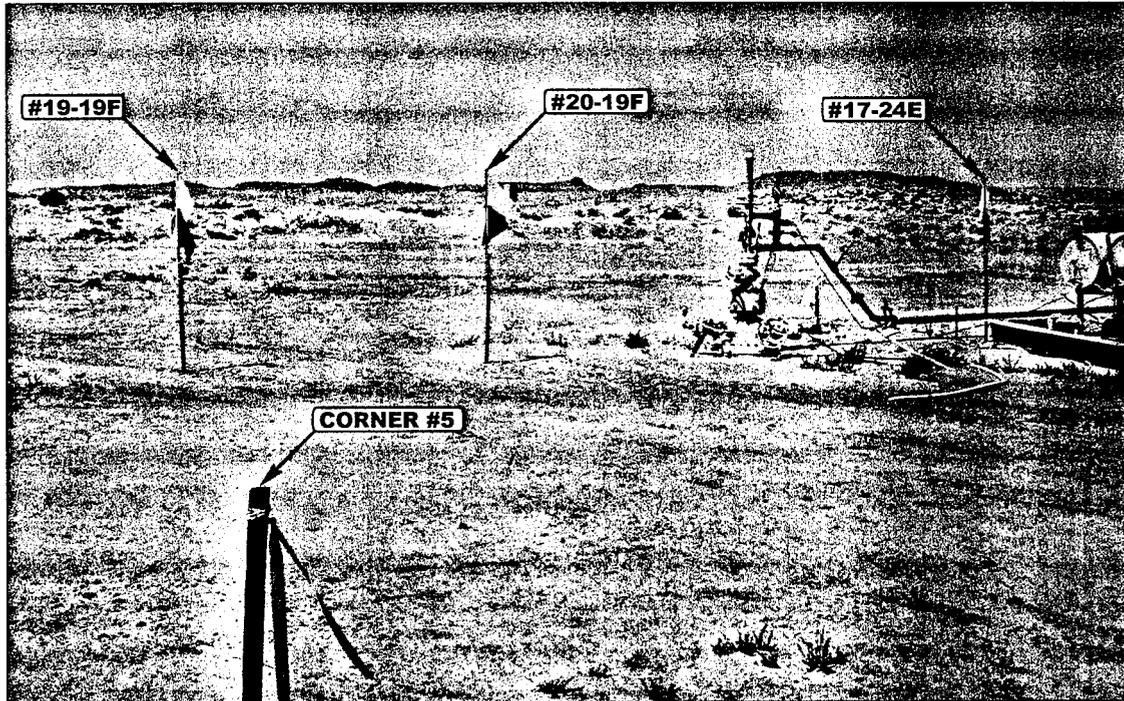


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKES

CAMERA ANGLE: SOUTHWESTERLY

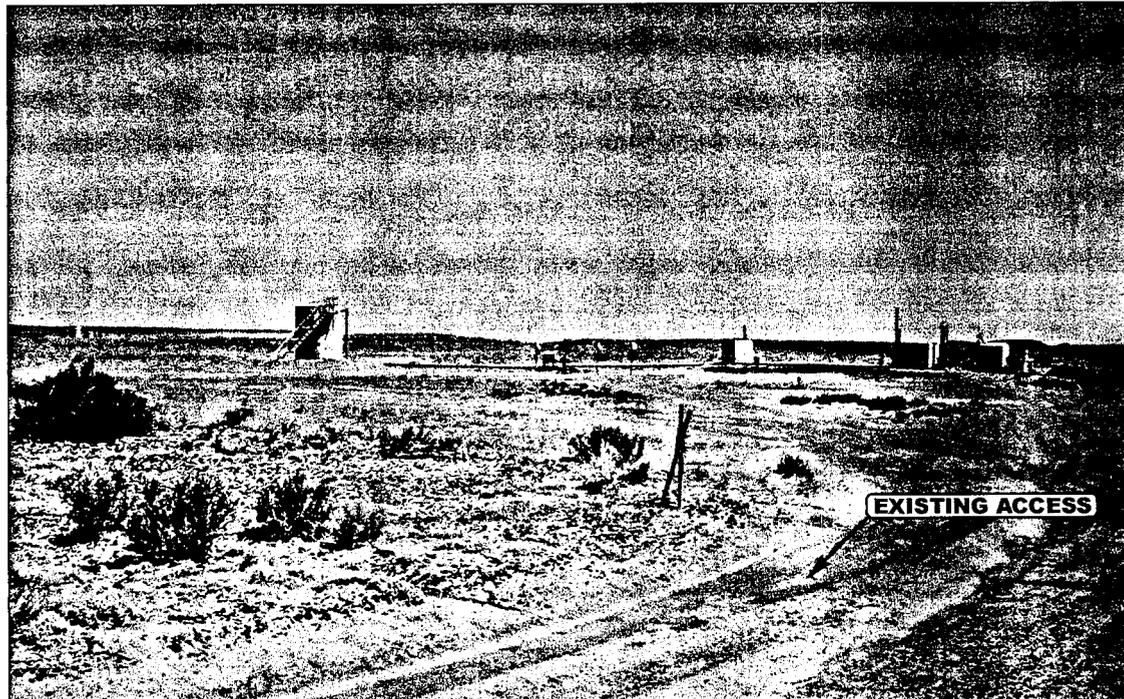


PHOTO: VIEW OF EXISTING ACCESS

CAMERA ANGLE: NORTHWESTERLY



- Since 1964 -

**E L S**

Uintah Engineering & Land Surveying

85 South 200 East Vernal, Utah 84078  
435-789-1017 uels@uelsinc.com

LOCATION PHOTOS

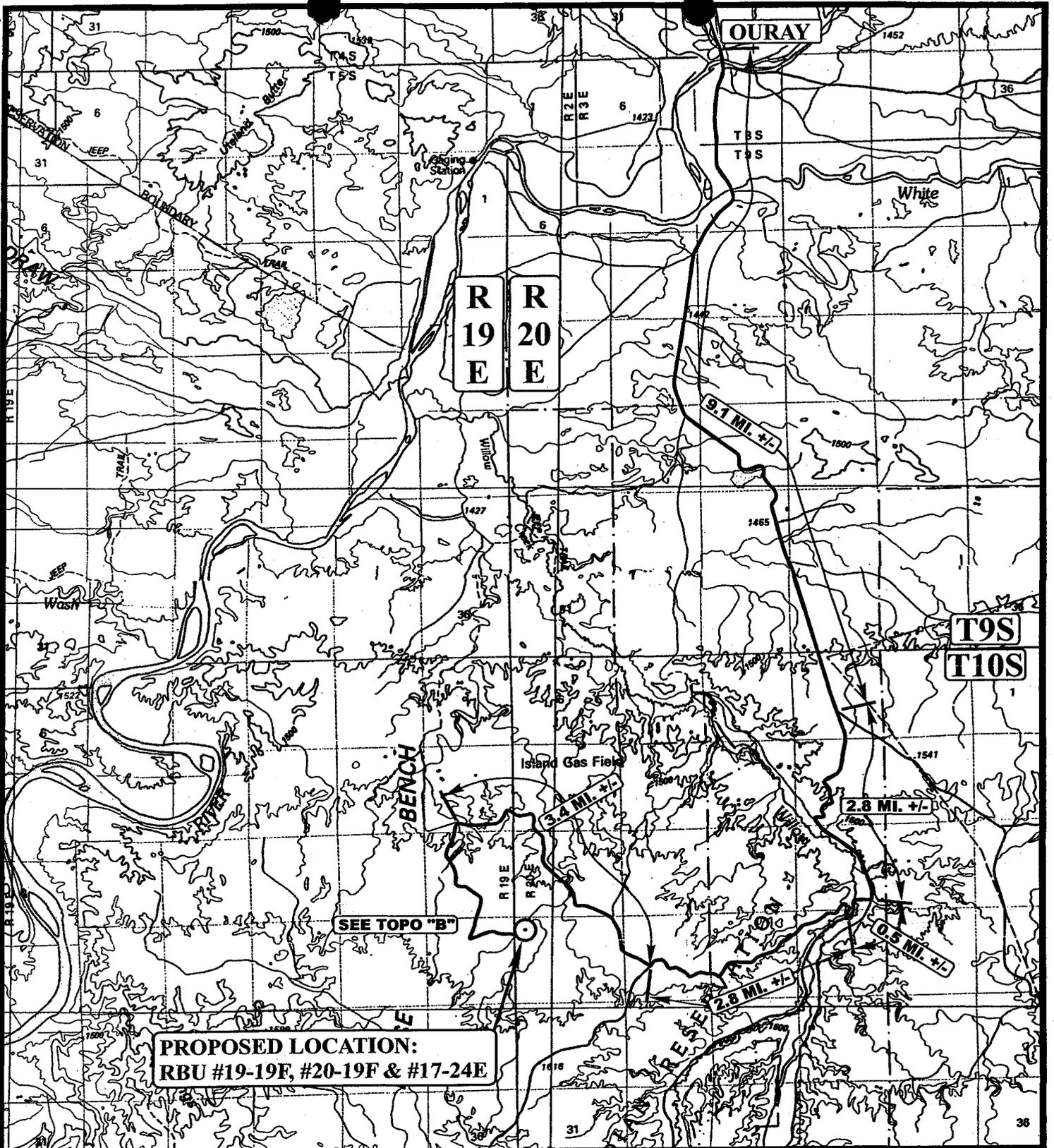
07 18 06  
MONTH DAY YEAR

PHOTO

TAKEN BY: B.B.

DRAWN BY: B.C.

REVISED: 00-00-00



**PROPOSED LOCATION:  
 RBU #19-19F, #20-19F & #17-24E**

SEE TOPO "B"

**LEGEND:**

○ PROPOSED LOCATION



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

**RBU #19-19F, #20-19F & #17-24E  
 SECTION 19, T10S, R20E, S.L.B.&M.  
 LOT 1**



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

**TOPOGRAPHIC  
 MAP**

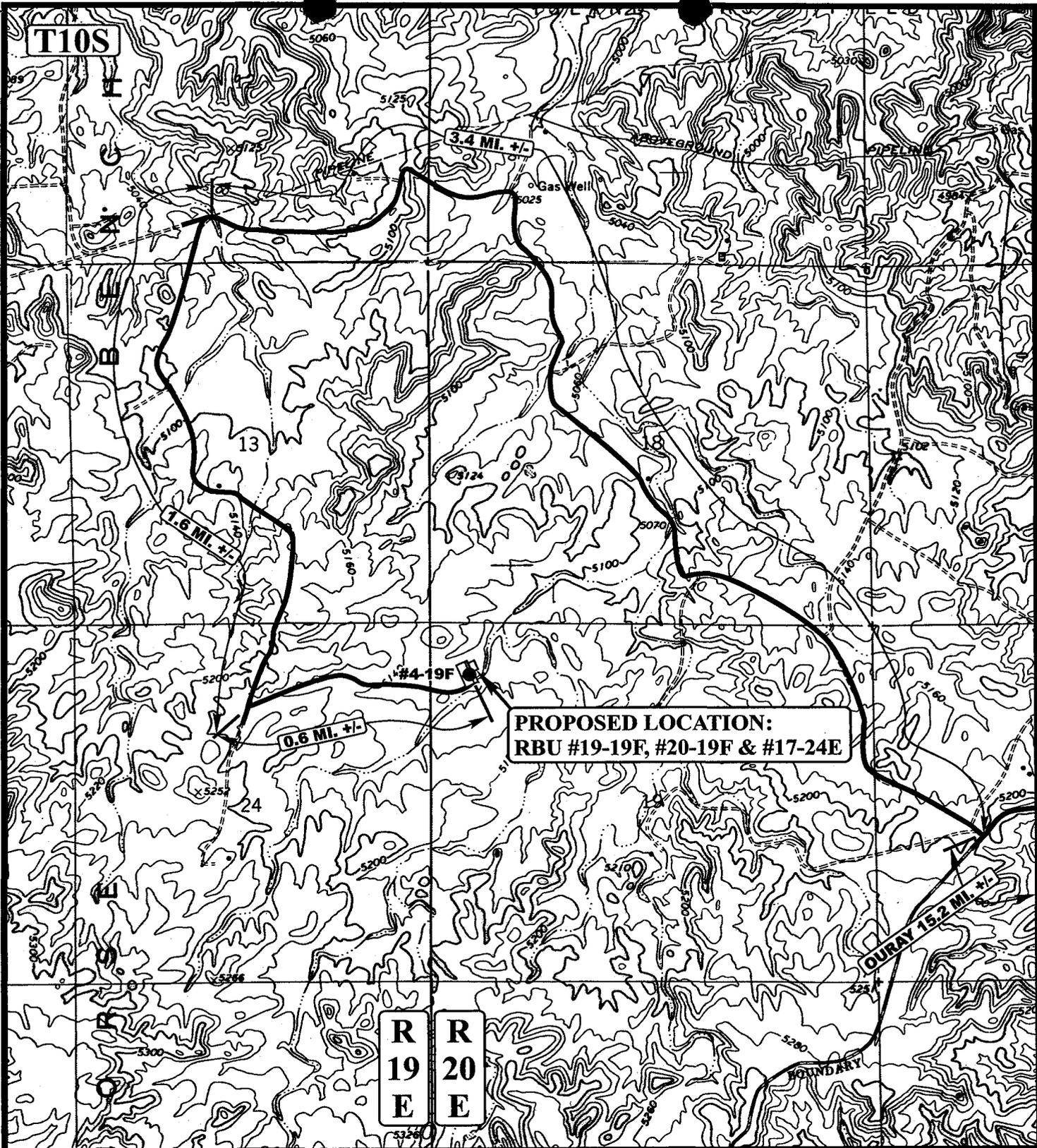
**07 18 06**  
 MONTH DAY YEAR

SCALE: 1:100,000

DRAWN BY: B.C.

REVISED: 00-00-00





**PROPOSED LOCATION:  
RBU #19-19F, #20-19F & #17-24E**

**R  
19  
E**     **R  
20  
E**

<b>LEGEND:</b> EXISTING ROAD	<b>N</b> 	<b>DOMINION EXPLR. &amp; PROD., INC.</b>			
		<b>RBU #19-19F, #20-19F &amp; #17-24E</b> <b>SECTION 19, T10S, R20E, S.L.B.&amp;M.</b> <b>LOT 1</b>			
<b>Uintah Engineering &amp; Land Surveying</b> 85 South 200 East Vernal, Utah 84078 (435) 789-1017 * FAX (435) 789-1813	<b>TOPOGRAPHIC</b>		<b>07</b>	<b>18</b>	<b>06</b>
	<b>MAP</b>		MONTH	DAY	YEAR
<b>SCALE: 1" = 2000'</b>		<b>DRAWN BY: B.C.</b>	<b>REVISED: 00-00-00</b>		<b>B</b> <b>TOPO</b>

T10S

**PROPOSED LOCATION:  
RBU #19-19F, #20-19F & #17-24E**

R  
19  
E

R  
20  
E

**LEGEND:**

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

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

**RBU #19-19F, #20-19F & #17-24E  
SECTION 19, T10S, R20E, S.L.B.&M.  
LOT 1**

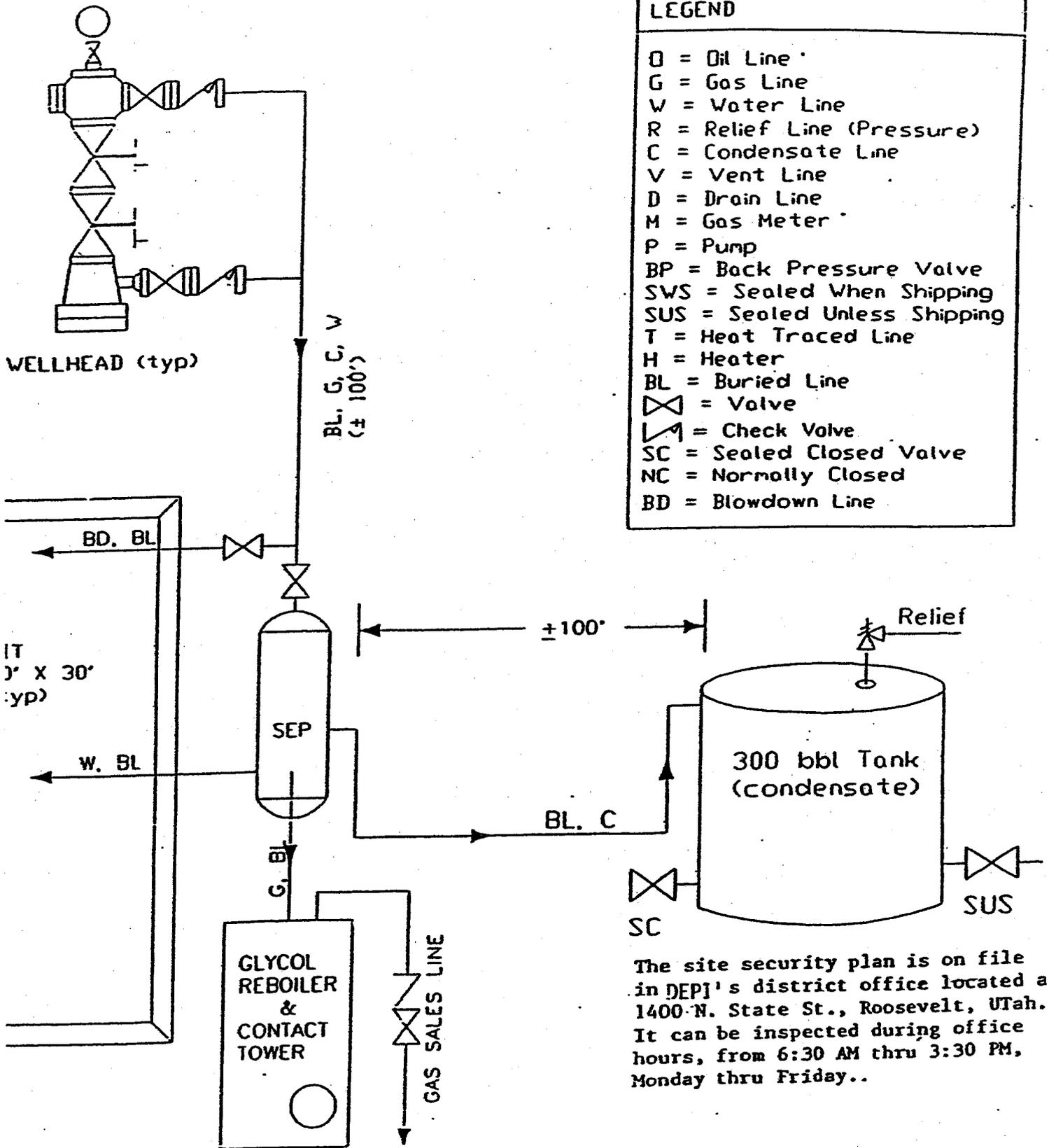


**Utah Engineering & Land Surveying**  
85 South 200 East Vernal, Utah 84078  
(435) 789-1017 \* FAX (435) 789-1813



**TOPOGRAPHIC MAP**  
07 18 06  
MONTH DAY YEAR  
SCALE: 1" = 2000' DRAWN BY: B.C. REVISED: 00-00-00





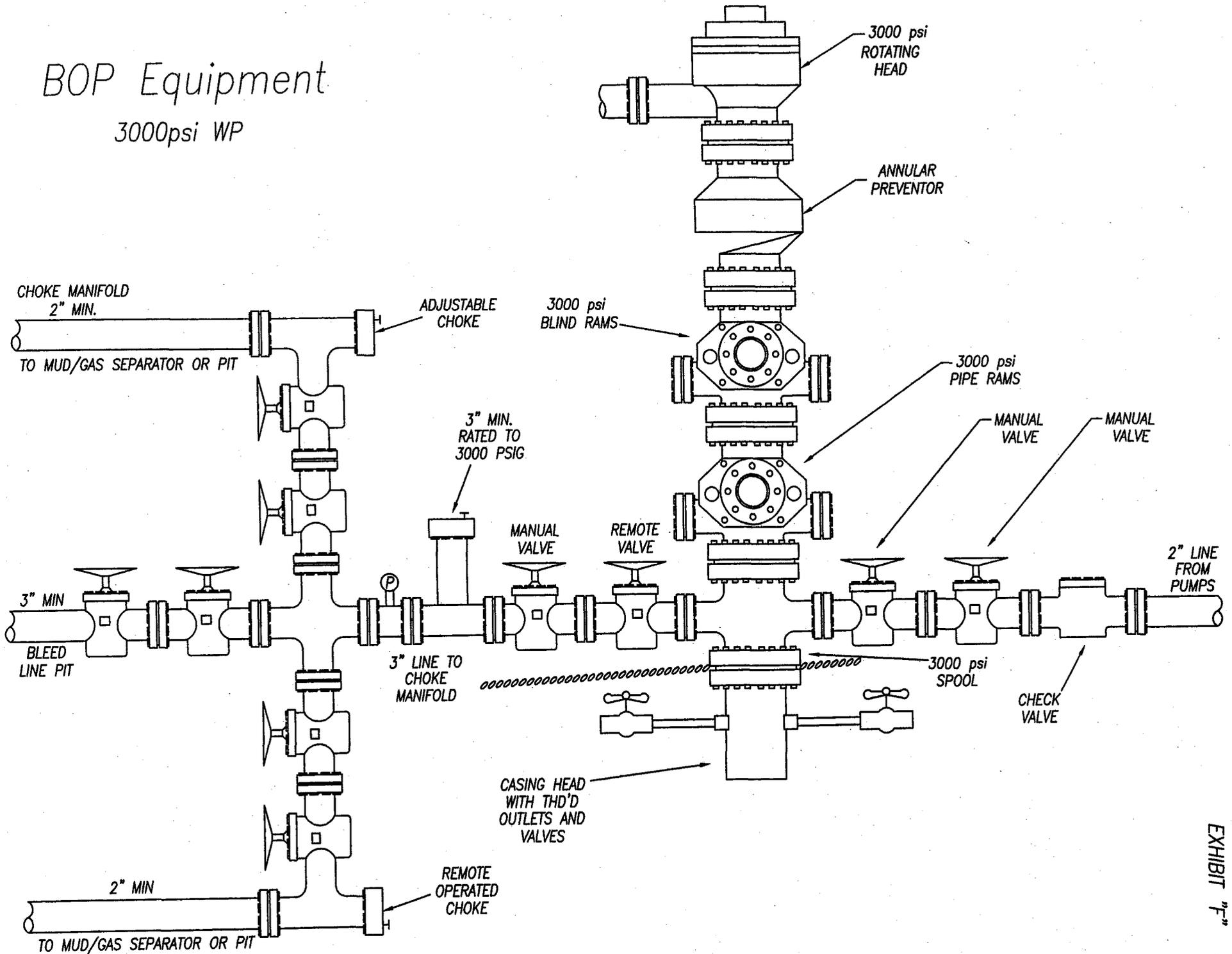
**LEGEND**

- O = Oil Line
- G = Gas Line
- W = Water Line
- R = Relief Line (Pressure)
- C = Condensate Line
- V = Vent Line
- D = Drain Line
- M = Gas Meter
- P = Pump
- BP = Back Pressure Valve
- SWS = Sealed When Shipping
- SUS = Sealed Unless Shipping
- T = Heat Traced Line
- H = Heater
- BL = Buried Line
- ⊗ = Valve
- ⤴ = Check Valve
- SC = Sealed Closed Valve
- NC = Normally Closed
- BD = Blowdown Line

The site security plan is on file in DEPI'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..

# BOP Equipment

3000psi WP



**WORKSHEET  
APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 08/31/2006

API NO. ASSIGNED: 43-047-38549
--------------------------------

WELL NAME: RBU 17-24E  
 OPERATOR: DOMINION EXPL & PROD ( N1095 )  
 CONTACT: DON HAMILTON

PHONE NUMBER: 405-749-5263

PROPOSED LOCATION:

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

NWNW 19 100S 200E  
 SURFACE: 0703 FNL 0546 FWL  
 BOTTOM: 0100 FNL 0150 FEL *R19E*  
 COUNTY: UINTAH  
 LATITUDE: 39.93823 LONGITUDE: -109.7190  
 UTM SURF EASTINGS: 609450 NORTHINGS: 4421477  
 FIELD NAME: NATURAL BUTTES ( 630 )

LEASE TYPE: 1 - Federal  
 LEASE NUMBER: U-013794  
 SURFACE OWNER: 1 - Federal

PROPOSED FORMATION: MVRD  
 COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

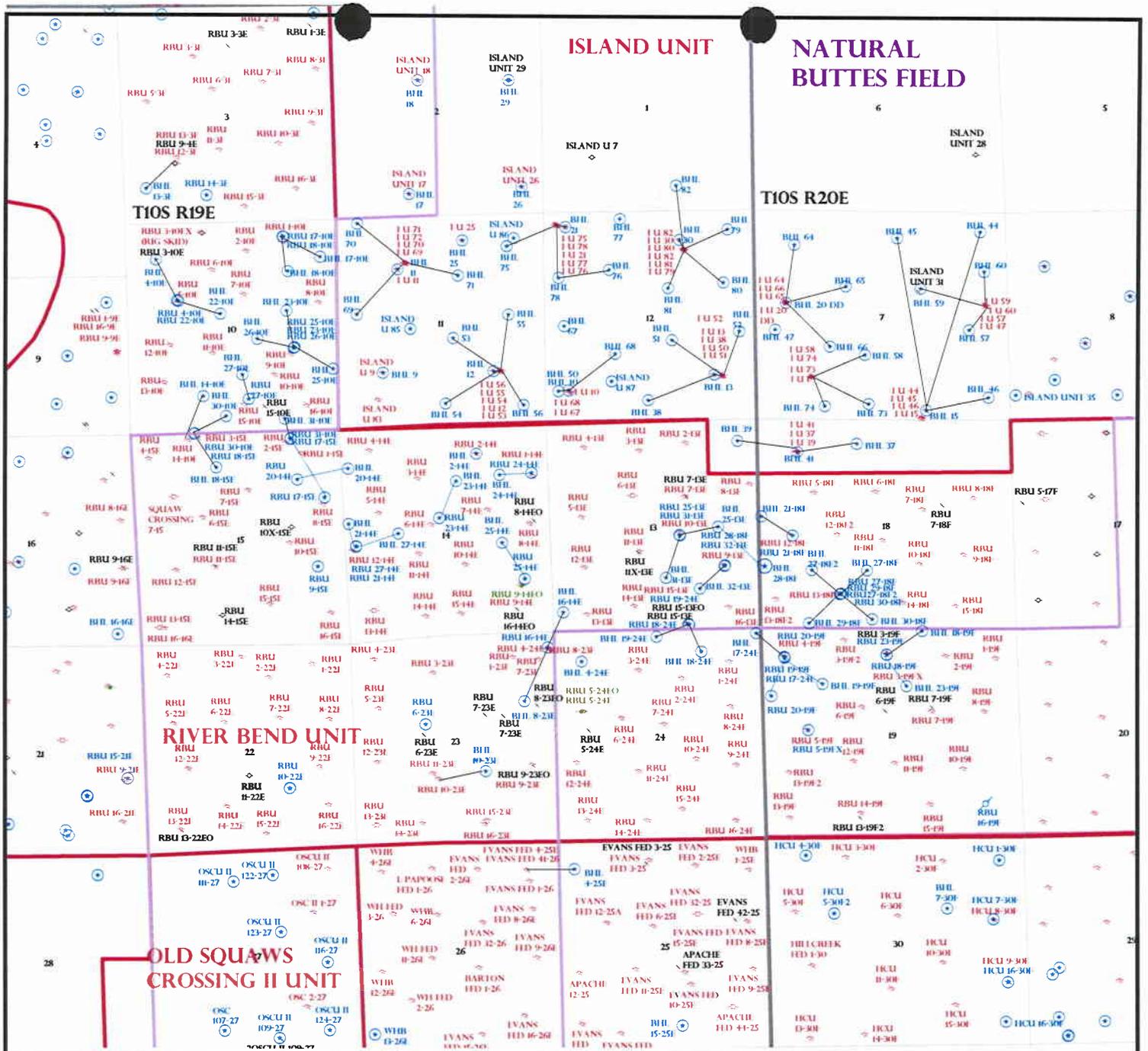
- Plat
- Bond: Fed[1] Ind[] Sta[] Fee[]  
(No. WY 3322 )
- Potash (Y/N)
- Oil Shale 190-5 (B) or 190-3 or 190-13
- Water Permit  
(No. 43-10447 )
- RDCC Review (Y/N)  
(Date: \_\_\_\_\_ )
- Fee Surf Agreement (Y/N)
- Intent to Commingle (Y/N)

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: 259-01  
Eff Date: 8-16-06  
Siting: Subsided R649-3-11
- \_\_\_\_ R649-3-11. Directional Drill

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

STIPULATIONS: 1- Federal Approval  
2- OIL SHALE



OPERATOR: DOMINION EXPL & PROD (N1095)

SEC: 18,19 T.10S R. 20E

FIELD: NATURAL BUTTES (630)

COUNTY: UTAH

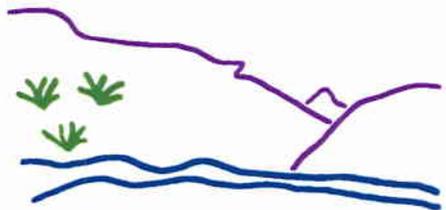
SPACING: R649-3-11 / DIRECTIONAL DRILLING

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

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

**Wells Status**

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



Utah Oil Gas and Mining



PREPARED BY: DIANA WHITNEY  
DATE: 31-AUGUST-2006

# 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 19, 2006

### Memorandum

To: Assistant District Manager Minerals, Vernal District

From: Michael Coulthard, Petroleum Engineer

Subject: 2006 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 2006 within the River Bend Unit, Uintah County, Utah.

API#	WELL NAME	LOCATION
(Proposed PZ MesaVerde)		
43-047-38582	RBU 17-10E Sec 10 T10S R19E 0477 FNL 1390 FEL BHL Sec 10 T10S R19E 1000 FNL 0465 FEL	
43-047-38584	RBU 27-10E Sec 10 T10S R19E 0723 FSL 2350 FEL BHL Sec 10 T10S R19E 1350 FSL 2500 FEL	
43-047-38585	RBU 26-10E Sec 10 T10S R19E 1995 FSL 1184 FEL BHL Sec 10 T10S R19E 2250 FSL 2100 FEL	
43-047-38586	RBU 25-10E Sec 10 T10S R19E 2013 FSL 1160 FEL BHL Sec 10 T10S R19E 1450 FSL 0200 FEL	
43-047-38587	RBU 23-10E Sec 10 T10S R19E 2007 FSL 1168 FEL BHL Sec 10 T10S R19E 2350 FNL 1350 FEL	
43-047-38588	RBU 22-10E Sec 10 T10S R19E 2064 FNL 1241 FWL BHL Sec 10 T10S R19E 2400 FNL 2300 FWL	
43-047-38543	RBU 28-18F Sec 13 T10S R19E 1640 FSL 0901 FEL BHL Sec 18 T20S R20E 1600 FSL 0100 FWL	
43-047-38544	RBU 18-24E Sec 13 T10S R19E 0143 FSL 1844 FEL	

BHL Sec 24 T10S R19E 0550 FNL 1550 FEL

Page 2

43-047-38545 RBU 19-24E Sec 13 T10S R19E 0159 FSL 1855 FEL  
BHL Sec 24 T10S R19E 0150 FNL 2550 FWL

43-047-38546 RBU 25-13E Sec 13 T10S R19E 2418 FSL 2023 FEL  
BHL Sec 13 T10S R19E 2700 FNL 1050 FEL

43-047-38547 RBU 31-13E Sec 13 T10S R19E 2433 FSL 2036 FEL  
BHL Sec 13 T10S R19E 1350 FSL 2400 FEL

43-047-38589 RBU 21-14E Sec 14 T10S R19E 2240 FSL 0210 FWL  
BHL Sec 14 T10S R19E 2500 FNL 0050 FWL

43-047-38590 RBU 27-14E Sec 14 T10S R19E 2230 FSL 0209 FWL  
BHL Sec 14 T10S R19E 2550 FSL 1300 FWL

43-047-38592 RBU 24-14E Sec 14 T10S R19E 1257 FNL 0432 FEL  
BHL Sec 14 T10S R19E 1300 FNL 1250 FEL

43-047-38593 RBU 23-14E Sec 14 T10S R19E 2375 FNL 2360 FWL  
BHL Sec 14 T10S R19E 1450 FNL 2350 FEL

43-047-38595 RBU 31-10E Sec 15 T10S R19E 0305 FNL 1324 FEL  
BHL Sec 10 T10S R19E 0200 FSL 1450 FEL

43-047-38596 RBU 17-15E Sec 15 T10S R19E 0320 FNL 1324 FEL  
BHL Sec 15 T10S R19E 1350 FNL 1200 FEL

43-047-38597 RBU 18-15E Sec 15 T10S R19E 0125 FNL 1570 FWL  
BHL Sec 15 T10S R19E 1000 FNL 2100 FWL

43-047-38598 RBU 20-14E Sec 15 T10S R19E 1821 FNL 0532 FEL  
BHL Sec 14 T10S R19E 1100 FNL 0100 FWL

43-047-38554 RBU 21-18F Sec 18 T10S R20E 2379 FSL 0834 FWL  
BHL Sec 18 T10S R20E 2450 FNL 0050 FWL

43-047-38555 RBU 27-18F Sec 18 T10S R20E 0902 FSL 2032 FWL  
BHL Sec 18 T10S R20E 1500 FSL 2700 FWL

43-047-38556 RBU 27-18F2 Sec 18 T10S R20E 0888 FSL 2005 FWL  
BHL Sec 18 T10S R20E 1500 FSL 1300 FWL

43-047-38557 RBU 30-18F Sec 18 T10S R20E 0897 FSL 2023 FWL  
BHL Sec 18 T10S R20E 0250 FSL 2800 FWL

43-047-38558 RBU 29-18F Sec 18 T10S R20E 0884 FSL 1996 FWL  
BHL Sec 18 T10S R20E 0150 FSL 1200 FWL

43-047-28549 RBU 17-24E Sec 19 T10S R20E 0703 FNL 0546 FWL  
BHL Sec 24 T10S R19E 0100 FNL 0150 FEL

43-047-38550 RBU 18-19F Sec 19 T10S R20E 0650 FNL 3147 FWL  
BHL Sec 19 T10S R20E 0050 FNL 2400 FEL

Page 3

43-047-38551 RBU 19-19F Sec 19 T10S R20E 0730 FNL 0558 FWL  
BHL Sec 19 T10S R20E 1400 FNL 1500 FWL

43-047-38552 RBU 20-19F Sec 19 T10S R20E 0721 FNL 0554 FWL  
BHL Sec 19 T10S R20E 1700 FNL 0200 FWL

43-047-38553 RBU 23-19F Sec 19 T10S R20E 0654 FNL 3156 FWL  
BHL Sec 19 T10S R20E 1450 FNL 2850 FEL

43-047-38548 RBU 32-13E Sec 13 T10S R19E 1624 FSL 0913 FEL  
BHL Sec 13 T10S R19E 1050 FSL 1550 FEL

43-047-38583 RBU 18-10E Sec 10 T10S R19E 0471 FNL 1409 FEL  
BHL Sec 10 T10S R19E 1350 FNL 1300 FEL

43-047-38591 RBU 25-14E Sec 14 T10S R19E 1380 FSL 0721 FEL  
BHL Sec 14 T10S R19E 2300 FSL 1250 FEL

43-047-38594 RBU 30-10E Sec 15 T10S R19E 0123 FNL 1590 FWL  
BHL Sec 10 T10S R19E 0300 FSL 2400 FWL

Our records indicate the RBU 25-10E is closer than 460 feet from the River Bend Unit boundary.

We have no objections to permitting the wells so long as the unit operator receives an exception to the locating and siting requirements of the State of Utah (R649-3-2).

/s/ Michael L. Coulthard

bcc: File – River Bend Unit  
Division of Oil Gas and Mining



**State of Utah**

**Department of  
Natural Resources**

MICHAEL R. STYLER  
*Executive Director*

**Division of  
Oil, Gas & Mining**

JOHN R. BAZA  
*Division Director*

JON M. HUNTSMAN, JR.  
*Governor*

GARY R. HERBERT  
*Lieutenant Governor*

September 25, 2006

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

Re: River Bend Unit 17-24E Well, Surface Location 703' FNL, 546' FWL, NW NW,  
Sec. 19, T. 10 South, R. 20 East, Bottom Location 100' FNL, 150' FEL, NE NE,  
Sec. 24, 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 43-047-38549.

Sincerely,

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 17-24E  
API Number: 43-047-38549  
Lease: U 013794

Surface Location: NW NW      Sec. 19      T. 10 South      R. 20 East  
Bottom Location: NE NE      Sec. 24      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 In accordance with Order in Cause No. 190-5(b) dated October 28, 1982, the Operator shall comply with requirements of Rules R649-3-31 and R649-3-27 pertaining to Designated Oil Shale Areas. Additionally, the operator shall ensure that the surface and/or production casing is properly cemented over the entire oil shale interval as defined by Rule R649-3-31. The Operator shall report the actual depth the oil shale is encountered to the Division.

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 Springs Parkway, OKC, OK 73134

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

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
 706' FNL & 546' FWL, NW NW, Section 19-10S-20E  
 100' FNL & 150' FEL, NE NE, Section 24-10S-19E

5. Lease Serial No.  
 U-013794

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 17-24E

9. API Well No.  
 43-047-38549

10. Field and Pool, or Exploratory Area  
 Natural Buttes

11. County or Parish, State  
 Uintah, UT

**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 Drilling Plan

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.)

Please find attached a new drilling plan. Previous plan submitted with APD showed formation tops at TVD, the corrected plan shows measured depth.

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

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

Name (Printed/Typed)  
 Keri Pfeifer

Signature *Keri Pfeifer*

Title Associate Regulatory Specialist

Date 11/6/2006

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

Office \_\_\_\_\_

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.

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.

**RECEIVED**  
**NOV 16 2006**  
 DIV. OF OIL, GAS & MINING

## 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 17-24E  
SHL: 703' FNL & 546' FWL Section 19-10S-20E  
BHL: 100' FNL & 150' FEL Section 24-10S-19E  
Uintah County, UT

1. GEOLOGIC SURFACE FORMATION Uintah

2. ESTIMATED DEPTHS OF IMPORTANT GEOLOGIC MARKERS

<u>Formation</u>	<u>Depth</u>
Wasatch Tongue	4,365'
Uteland Limestone	4,725'
Wasatch	4,885'
Chapita Wells	5,775'
Uteland Buttes	7,005'
Mesaverde	7,895'

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

<u>Formation</u>	<u>Depth</u>	<u>Type</u>
Wasatch Tongue	4,365'	Oil
Uteland Limestone	4,725'	Oil
Wasatch	4,885'	Gas
Chapita Wells	5,775'	Gas
Uteland Buttes	7,005'	Gas
Mesaverde	7,895'	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	STC	0'	3,545'	12-1/4"
Production	5-1/2"	17.0 ppf	MAV-80	LTC	0'	8,825'	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 surface to total depth. The blind rams will be tested once per day from surface to total depth if operations permit.

## 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 out surface casing shoe and anytime a new casing string is set.. 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.
- The mud system will be monitored manually/visually.

<u>Depths</u>	<u>Mud Weight (ppg)</u>	<u>Mud System</u>
0' – 500'	8.4	Air foam mist, no pressure control
500' – 3,545'	8.6	Fresh water, rotating head and diverter
3,545' – 8,825'	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 80' 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 well 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

## 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. Polyflake (volume includes 70% excess). Top out as necessary. Casing to be centralized with a total of 5 centralizers.

##### b. Intermediate Casing Cement:

- Drill 12-1/4" hole to 3,545'±, 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 one joint off bottom e) bottom three joints thread locked f) pump job with bottom plug only. Casing to be centralized with a total of 15 centralizers.
- 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>Volume</u>	<u>Cement</u> <u>Volume</u>
Lead	419	0'-3,045'	10.5 ppg	4.14 CFS	992 CF	1,735 CF
Tail	254	3,045'-3,545'	15.6 ppg	1.2 CFS	174 CF	304 CF

Intermediate design volumes based on 75% excess of gauge hole.

Lead Mix: Halliburton Prem Plus V blend. Blend includes Class "C" cement, gel, salt, gilsonite, EX-1 and HR-7.  
Slurry yield: 4.14 cf/sack                      Slurry weight: 10.5 #/gal.  
Water requirement: 26.07 gal/sack  
Compressives @ 110°F: 72 psi after 24 hours

Tail Mix: Class "G" Cement, 1/4 lb/sk Cellophane Flakes + 2% bwoc Calcium Chloride + 46.5% fresh water.  
Slurry yield: 1.20 cf/sack                      Slurry weight: 15.6 #/gal.  
Pump Time: 1 hr. 5 min. @ 110 °F.  
Compressives @ 110 °F: 2,500 psi after 24 hours

##### c. Production Casing Cement:

- Drill 7-7/8" hole to 8,825'±, run and cement 5 1/2".
- Pump 20 bbl Mud Clean II unweighted spacer, followed by 20 Bbls fresh H2O spacer.
- Displace with 2% KCL.
- Production casing to be centralized with 30 centralizers.

<u>Type</u>	<u>Sacks</u>	<u>Interval</u>	<u>Density</u>	<u>Yield</u>	<u>Hole</u> <u>Volume</u>	<u>Cement</u> <u>Volume</u>
Lead	90	4,085'-4,885'	11.5 ppg	3.12 CFS	139 CF	277 CF
Tail	790	4,885'-8,825'	13.0 ppg	1.75 CFS	683 CF	1365 CF

Production design volumes based on 35% excess of gauge hole. Actual volumes will be calculated from caliper log to bring lead cement to 800' above top of Wasatch + 15% excess, and tail cement to top of Wasatch +15%.

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, 2006  
Duration: 14 Days

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UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

AUG 30 2006

APPLICATION FOR PERMIT TO DRILL OR REENTER

1a. Type of work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. U 013794
1b. Type of Well: <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name N/A
2. Name of Operator Dominion Exploration & Production, Inc.		7. If Unit or CA Agreement, Name and No. River Bend Unit
3a. Address 14000 Quail Springs Parkway, Suite 600 Oklahoma City, OK 73134		8. Lease Name and Well No. RBU 17-24E
3b. Phone No. (include area code) 405-749-5263		9. API Well No. 4304738549
4. Location of Well (Report location clearly and in accordance with any State requirements *) At surface 703' FNL & 546' FWL, Lot 1 (NW/4 NW/4), Section 19, T10S, R20E, SLB At proposed prod. zone 100' FNL & 150' FEL, NE/4 NE/4, Section 24, T10S, R19E, SLB&M		10. Field and Pool, or Exploratory Natural Buttes
14. Distance in miles and direction from nearest town or post office* 10.55 miles southwest of Ouray, Utah		11. Sec., T. R. M. or Blk. and Survey or Area
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 546'	16. No. of acres in lease 800 acres	17. Spacing Unit dedicated to this well 20 acres
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. 10'	19. Proposed Depth 8,600' TVD (8,825' MD)	20. BLM/BIA Bond No. on file WY 3322
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5,133' GR	22. Approximate date work will start* 11/15/2006	23. Estimated duration 14 days

24. Attachments

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

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

25. Signature <i>Don Hamilton</i>	Name (Printed/Typed) Don Hamilton	Date 08/31/2006
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Title  
Agent for Dominion

Approved by (Signature) <i>Jerry Kencoka</i>	Name (Printed/Typed) Jerry Kencoka	Date 2/23/2007
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Title **Assistant Field Manager**  
**Lands & Mineral Resources**  
Office **VERNAL FIELD OFFICE**

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, are attached.

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

\*(Instructions on page 2)

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DIV. OF OIL, GAS & MINING ORIGINAL

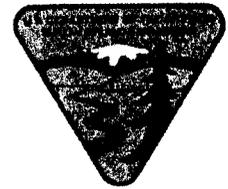
*UDOBM*

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 Exp. & Production** Location: **Lot 1, Sec 19, T10S, R20E**  
Well No: **RBU 17-24E** Lease No: **UTU-013794**  
API No: **43-047-38549** 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
Petroleum Engineer:	Jim Ashley	Office: 435-781-4470	Cell: 435-828-
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	Cell: 435-828-7381
Natural Resource Specialist:	Scott Ackerman	Office: 435-781-4437	
<b>After Hours Contact Number: 435-781-4513</b>		Fax: 435-781-4410	

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

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

**NOTIFICATION REQUIREMENTS**

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

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

**SITE SPECIFIC CONDITIONS OF APPROVAL**

1. 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 re-spreading of the top soil up to the rig anchor points; and, reseeding the area using appropriate reclamation methods.

2. The interim seed mix for reclamation would be:

Hy-crest Crested Wheatgrass	<i>Agropyron cristatum</i>	4 lbs per acre
Indian rice grass	<i>Orazopsis hymenoides</i>	4 lbs per acre
Needle and Threadgrass	<i>Stipa comata</i>	4 lbs per acre

3. 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.

4. 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 re-spread over the surface; and, the surface re-vegetated. The surface of approved staging areas where construction activities did not occur may require disking or ripping and reseeding.

**GENERAL SURFACE CONDITIONS OF APPROVAL**

1. Operator shall notify any active gilsonite mining operation within 2 miles of the location 48 hours prior to any blasting during construction for this well.

## ***DOWNHOLE CONDITIONS OF APPROVAL***

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

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

1. Production casing cement top shall be at a minimum of 200' above the intermediate casing shoe.

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

1. There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well. Any changes in operation must have prior approval from the BLM, Vernal Field Office Petroleum Engineers.
2. The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
3. **Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.**
4. Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.

All BOPE components shall be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a test pump with a chart recorder and **NOT** by the rig pumps. Test shall be reported in the driller's log.

BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.

Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.

No aggressive/fresh hard-banded drill pipe shall be used within casing.

5. All shows of fresh water and minerals shall be reported and protected. A sample shall be taken of any water flows and a water analysis furnished the BLM, Vernal Field Office. All oil and gas shows shall be adequately tested for commercial possibilities, reported, and protected.
6. Cement baskets shall not be run on surface casing.
7. No location shall be constructed or moved, no well shall be plugged, and no drilling or workover equipment shall be removed from a well to be placed in a suspended status without prior

approval of the BLM, Vernal Field Office. If operations are to be suspended for more than 30 days, prior approval of the BLM, Vernal Field Office shall be obtained and notification given before resumption of operations.

8. Chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.

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

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

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

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

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

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

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

All measurement points shall be identified as point of sales or allocation for royalty determination prior to the installation of facilities.

11. Oil and gas meters shall be calibrated in place prior to any deliveries. The Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports shall be submitted to the BLM, Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement.
12. 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.
13. This APD is approved subject to the requirement that, should the well be successfully completed for production, the BLM, Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
  - a. Operator name, address, and telephone number.
  - b. Well name and number.
  - c. Well location ( $\frac{1}{4}$ / $\frac{1}{4}$ , Sec., Twn, Rng, and P.M.).
  - d. Date well was placed in a producing status (date of first production for which royalty will be paid).
  - e. The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
  - f. The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
  - g. Unit agreement and / or participating area name and number, if applicable.
  - h. Communitization agreement number, if applicable.
14. Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from Field Office Petroleum Engineers.
15. All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than

Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production.

16. 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.
17. 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.

**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-013794</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: <b>N/A</b>
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		7. UNIT or CA AGREEMENT NAME: <b>River Bend Unit</b>
2. NAME OF OPERATOR: <b>XTO Energy</b>		8. WELL NAME and NUMBER: <b>RBU 17-24E</b>
3. ADDRESS OF OPERATOR: <b>P.O. Box 1360</b> CITY <b>Roosevelt</b> STATE <b>UT</b> ZIP <b>84066</b>		9. API NUMBER: <b>4304738549</b>
4. LOCATION OF WELL FOOTAGES AT SURFACE: <b>703' FNL &amp; 546' FWL</b>		10. FIELD AND POOL, OR WILDCAT: <b>Natural Buttes</b>
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: <b>NWNW 14 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: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u>Permit Extension</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

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

XTO Energy. hereby requests a one year extension of the state permit for the referenced well.

This is the first extension that has been requested.

Approved by the  
Utah Division of  
Oil, Gas and Mining

Date: 10-02-07  
By: [Signature]

COPY SENT TO OPERATOR  
Date: 10-3-07  
Initials: RM

NAME (PLEASE PRINT) <u>Marnie Griffin</u>	TITLE <u>Agent for XTO Energy</u>
SIGNATURE <u>[Signature]</u>	DATE <u>9/7/2007</u>

(This space for State use only)

**RECEIVED**  
**SEP 10 2007**

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

<b>ROUTING</b>
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
- 4a. Is the new operator registered in the State of Utah: Business Number: 5655506-0143
- 4b. If **NO**, the operator was contacted on: \_\_\_\_\_
- 5a. (R649-9-2)Waste Management Plan has been received on: IN PLACE
- 5b. Inspections of LA PA state/fee well sites complete on: n/a
- 5c. Reports current for Production/Disposition & Sundries on: 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
- 3a. (R649-3-1) The **NEW** operator of any state/fee well(s) listed covered by Bond Number 104312762
- 3b. 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

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

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

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 <u><i>Edwin S. Ryan, Jr.</i></u>	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

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

**Request to Transfer Application or Permit to Drill**

(This form should accompany a Sundry Notice, Form 9, requesting APD transfer)

Well name:	SEE ATTACHED LIST
API number:	
Location:	Qtr-Qtr:                      Section:                      Township                      Range
Company that filed original application:	DOMINION E&P
Date original permit was issued:	
Company that permit was issued to:	DOMINION E&P

Check one	Desired Action:
<input type="checkbox"/>	<b>Transfer pending (unapproved) Application for Permit to Drill to new operator</b>
	The undersigned as owner with legal rights to drill on the property, hereby verifies that the information as submitted in the pending Application for Permit to Drill, remains valid and does not require revision. The new owner of the application accepts and agrees to the information and procedures as stated in the application.
<input checked="" type="checkbox"/>	<b>Transfer approved Application for Permit to Drill to new operator</b>
	The undersigned as owner with legal rights to drill on the property as permitted, 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.	Yes	No
If located on private land, has the ownership changed?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
If so, has the surface agreement been updated?	<input type="checkbox"/>	<input type="checkbox"/>
Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Have there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Have there been any changes to the access route including ownership or right-of-way, which could affect the proposed location?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Has the approved source of water for drilling changed?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
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?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Is bonding still in place, which covers this proposed well? Bond No. <u>104312762</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Any desired or necessary changes to either a pending or approved Application for Permit to Drill that is being transferred, should be filed on a Sundry Notice, Form 9, or amended Application for Permit to Drill, Form 3, as appropriate, with necessary supporting information as required.

Name (please print) HOLLY C. PERKINS Title REGULATORY COMPLIANCE TECH  
 Signature *Holly C. Perkins* Date 08/27/2007  
 Representing (company name) XTO ENERGY INC.

The person signing this form must have legal authority to represent the company or individual(s) to be listed as the new operator on the Application for Permit to Drill.

**AUG 30 2007**

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
4304736202	RBU 2-20E	NWNE	20	100S	190E	U-03505		Federal	GW	APD
4304736203	RBU 15-20E	SWSE	20	100S	190E	U-03505		Federal	GW	APD
4304736204	RBU 10-20E	NWSE	20	100S	190E	U-03505		Federal	GW	APD
4304736205	RBU 14-21E	SESW	21	100S	190E	U-013766		Federal	GW	APD
4304736295	RBU 10-21E	NWSE	21	100S	190E	U-013766		Federal	GW	APD
4304736426	RBU 7-9E	NWSE	09	100S	190E	U-03505		Federal	GW	APD
4304736430	RBU 16-20E	SESE	20	100S	190E	U-03505		Federal	GW	APD
4304736431	RBU 13-21E	SESE	20	100S	190E	U-013766		Federal	GW	APD
4304736606	RBU 14-11F	SESW	11	100S	200E	U-7206		Federal	GW	APD
4304737032	RBU 1-4E	NENE	04	100S	190E	U-013792		Federal	GW	APD
4304737423	RBU 2-21F	SWSE	16	100S	200E	U-013793-A		Federal	OW	APD
4304737569	RBU 14-15F	SESW	15	100S	200E	U-7206		Federal	OW	APD
4304737648	RBU 6-4E	SWNE	04	100S	190E	U-013792		Federal	GW	APD
4304737649	RBU 12-17E	NWSW	17	100S	190E	U-03505		Federal	GW	APD
4304737650	RBU 13-17E	SWSW	17	100S	190E	U-03505		Federal	GW	APD
4304737651	RBU 6-23E	SESW	23	100S	190E	U-013766		Federal	GW	APD
4304737652	RBU 7-16F	SWNE	16	100S	200E	U-7206		Federal	GW	APD
4304737748	RBU 14-16F	SWSE	16	100S	200E	U-7206		Federal	GW	APD
4304738341	RBU 15-21E	SWSE	21	100S	190E	U 013766		Federal	GW	APD
4304738544	RBU 18-24E	SWSE	13	100S	190E	U 013794		Federal	GW	APD
4304738545	RBU 19-24E	SWSE	13	100S	190E	U 013794		Federal	GW	APD
4304738546	RBU 25-13E	NWSE	13	100S	190E	U-013765		Federal	GW	APD
4304738547	RBU 31-13E	NWSE	13	100S	190E	U-013765		Federal	GW	APD
4304738549	RBU 17-24E	NWNW	19	100S	200E	U-013794		Federal	GW	APD
4304738550	RBU 18-19F	NENW	19	100S	200E	U 013769-A		Federal	GW	APD
4304738551	RBU 19-19F	NWNW	19	100S	200E	U 013769-A		Federal	GW	APD
4304738552	RBU 20-19F	NWNW	19	100S	200E	U 013769-A		Federal	GW	APD
4304738553	RBU 23-19F	NENW	19	100S	200E	U013769-A		Federal	GW	APD
4304738554	RBU 21-18F	NWSW	18	100S	200E	U013769-A		Federal	GW	APD
4304738582	RBU 17-10E	NWNE	10	100S	190E	U-013792		Federal	GW	APD
4304738583	RBU 18-10E	NWNE	10	100S	190E	U-013792		Federal	GW	APD
4304738584	RBU 27-10E	SWSE	10	100S	190E	U-013792		Federal	GW	APD
4304738585	RBU 26-10E	NESE	10	100S	190E	U-013792		Federal	GW	APD
4304738586	RBU 25-10E	NESE	10	100S	190E	U-013792		Federal	GW	APD
4304738587	RBU 23-10E	NESE	10	100S	190E	U-013792		Federal	GW	APD
4304738588	RBU 22-10E	SWNW	10	100S	190E	U-035316		Federal	GW	APD
4304738589	RBU 21-14E	NWSW	14	100S	190E	U-013792		Federal	GW	APD
4304738590	RBU 27-14E	NWSW	14	100S	190E	U-013792		Federal	GW	APD
4304738591	RBU 25-14E	NESE	14	100S	190E	U-013792		Federal	GW	APD
4304738592	RBU 24-14E	NENE	14	100S	190E	U-013792		Federal	GW	APD
4304738593	RBU 23-14E	SESW	14	100S	190E	U-013792		Federal	GW	APD
4304738594	RBU 30-10E	NENW	15	100S	190E	U-013792		Federal	GW	APD
4304738597	RBU 18-15E	NENW	15	100S	190E	U-013766		Federal	GW	APD
4304738598	RBU 20-14E	SENE	15	100S	190E	U-013792		Federal	GW	APD



# 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

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

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

API: 4304738549  
Well Name: RBU 17-24E  
Location: 24-10S-19E 703' FNL & 546' FWL  
Company Permit Issued to: XTO Energy  
Date Original Permit Issued: 9/25/2006

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

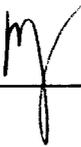
Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes  No

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

  
\_\_\_\_\_  
Signature

9/7/2007  
\_\_\_\_\_  
Date

Title: Agent  
\_\_\_\_\_

Representing: XTO Energy  
\_\_\_\_\_

**RECEIVED**  
**SEP 10 2007**  
DIV. OF OIL, GAS & MINING

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0137  
Expires: March 31, 2007

**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-013794**  
RECEIVED  
INTERNAL FIELD OFFICE

6. If Indian, Allottee or Tribe Name  
N/A  
2008 JAN -7 PM 1:12

**SUBMIT IN TRIPLICATE- Other instructions on reverse side.**

7. If Unit or CA/Agreement, Name and/or No.  
**River Bend Unit**  
BUREAU OF LAND MGMT.

1. Type of Well  
 Oil Well  Gas Well  Other

8. Well Name and No.  
**RBU 17-24E**

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

9. API Well No.  
**4304738549**

3a. Address **PO Box 1360; 978 North Crescent, Roosevelt, UT 84066**  
3b. Phone No. (include area code) **435-722-4521**

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

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
**703' FNL & 546' FWL, NW/4 NW/4, Section 19, T10S, R20E, SLB&M**

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

**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"/> Water Shut-Off
<input 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 type="checkbox"/> Other <u>Permit Extension</u>
	<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	

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

**XTO Energy hereby requests a one year extension of the federal permit for the referenced well that expires on 2-23-08.**

**This is the first extension that has been requested. The federal permit was formerly in the name of Dominion Exploration & Production, Inc.**

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

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

**Don Hamilton**

Title **Agent for XTO Energy, Inc.**

Signature **Don Hamilton**

Date **12-31-07**

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

Approved by

*[Signature]*

**Petroleum Engineer**

Date

**JAN 14 2008**

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

Office

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

(Instructions on page 2)



CONDITIONS OF APPROVAL ATTACHED

# CONDITIONS OF APPROVAL

## XTO Energy, Inc.

### Notice of Intent APD Extension

**Lease:** UTU-013794  
**Well:** RBU 17-24E  
**Location:** NWNW Sec 19-T10S-R20E

An extension for the referenced APD is granted with the following conditions:

---

1. The extension and APD shall expire on 2/23/09.
2. No other extension shall be granted.

If you have any other questions concerning this matter, please contact Ryan Angus of this office at (435) 781-4430

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0137  
Expires: March 31, 2007

**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 <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. <b>U 013794</b>
2. Name of Operator <b>XTO ENERGY INC.</b>		6. If Indian, Allottee or Tribe Name <b>N/A</b>
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>703' FNL &amp; 546' FWL NWNW SEC 19, T10S, R20E, SLB&amp;M</b>		8. Well Name and No. <b>RBV 17-24E</b>
		9. API Well No. <b>43-047-38549</b>
		10. Field and Pool, or Exploratory Area <b>NATURAL BUTTES</b>
		11. County or Parish, State <b>UINTAH, UT</b>

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"/> Water Shut-Off
<input 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 type="checkbox"/> Other
	<input checked="" 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	

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 must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

XTO Energy Inc. proposes to change elements of the drilling program as detailed in the attached documents.

**COPY SENT TO OPERATOR**

Date: 6-17-2008  
Initials: KS

Accepted by the  
Utah Division of  
Oil, Gas and Mining

Date: 6/13/08  
By: [Signature]

Federal Approval Of This  
Action Is Necessary

**RECEIVED**  
**JUN 02 2008**

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

**WANETT MCCAULEY**

Title

**FILE CLERK**

Signature

[Signature]

Date

**05/27/2008**

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

Approved by

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.

Title

Date

Office

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

(Instructions on page 2)

*DOG M Copy*

# XTO ENERGY INC.

RBU 17-24E

APD Data

May 23, 2008

Location: 703' FNL & 546' FWL, Sec. 19, T10S, R20E County: Uintah

State: Utah

Bottomhole Location: 100' FNL & 150' FWL, Sec. 24, T10S, R19E

GREATEST PROJECTED TD: 8717' MD/ 8600' TVD

OBJECTIVE: Wasatch/Mesaverde

APPROX GR ELEV: 5133'

Est KB ELEV: 5147' (14' AGL)

## 1. MUD PROGRAM:

INTERVAL	0' to 2255'	2255' to 8717'
HOLE SIZE	12.25"	7.875"
MUD TYPE	FW/Spud Mud	KCl Based LSND / Gel Chemical
WEIGHT	8.80	8.6-9.2
VISCOSITY	NC	30-60
WATER LOSS	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: 9.625" casing set at ±2255'MD/2200'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'-2255'	2255'	36#	J-55	ST&C	2020	3520	394	8.921	8.765	2.57	4.47	4.85

Production Casing: 5.5" casing set at ±8717'MD/8600'TVD in a 7.875" hole filled with 9.20 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'-8717'	8717'	17#	N-80	LT&C	6280	7740	348	4.892	4.767	1.93	2.38	2.35

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), 9" nominal, 2,000 psig WP (4,000 psig test) with 9-5/8" 8rnd thread on bottom (or slip-on, weld-on) and 11-3/4" 8rnd thread on top.
- B. Tubing Head: Larkin Fig 612 (or equivalent), 6.456" nominal, 5,000 psig WP, 5-1/2" 8rnd female thread on bottom (or slip-on, weld-on), 8-5/8" 8rnd thread on top.

## 4. CEMENT PROGRAM:

- A. Surface: 9.625", 36#, J-55 (or equiv.), ST&C casing to be set at ±2255' in 12.25" hole.

### LEAD:

±223 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 1270.2 ft<sup>3</sup>. Slurry includes 75% excess of calculated open hole annular volume to 2255'.*

B. Production: 5.5", 17#, N-80 (or equiv.), LT&C casing to be set at ±8717' in 7.875" hole.

LEAD:

±268 sx of Premium Plus V Blend. (Type V/Poz/Gel) or equivalent, with dispersant, fluid loss, accelerator, & LCM mixed at 11.6 ppg, 3.10 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, 1.49 cuft/sx, 9.09 gal/sx.

*Total estimated slurry volume for the 5.5" production casing is 1427.8 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 casing string. The production casing is designed for 1755' 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 (8717') to the bottom of the surface csg. Run Neutron/Lithodensity/Pe/GR/Cal from TD (8717') to 2255'. Run Gamma Ray to surface.

**8. BOP EQUIPMENT:**

Surface will not utilize a bop stack.

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	



# Well Name: RBU 17-24E

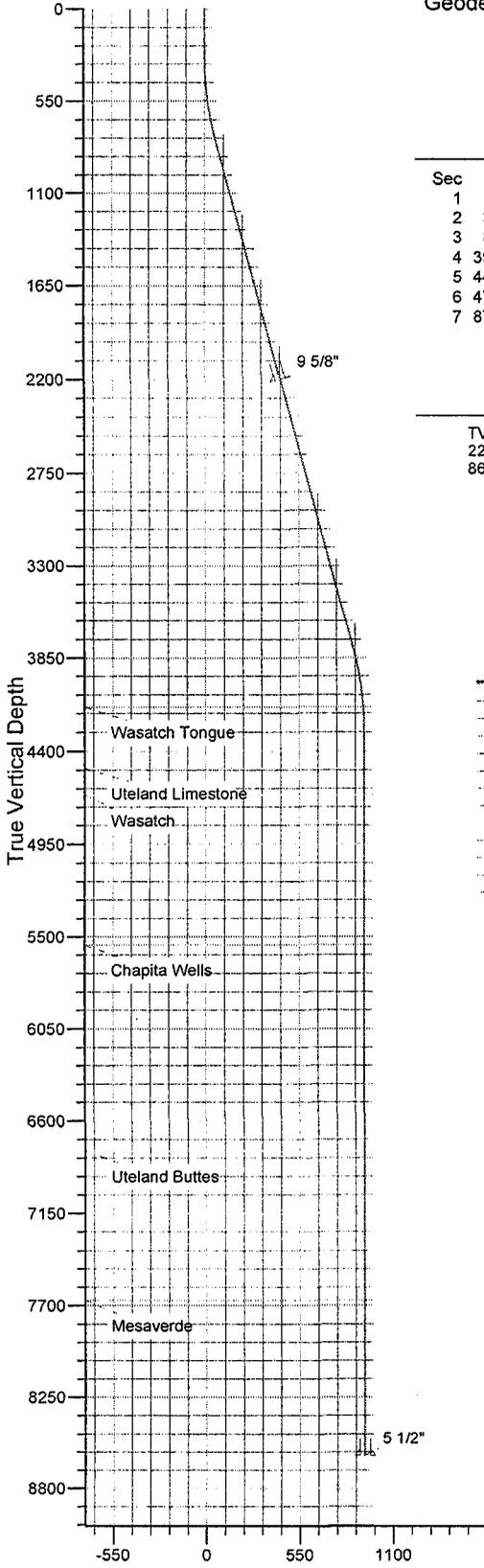
San Juan Division  
Drilling Department

Calculation Method: Minimum Curvature  
Geodetic Datum: North American Datum 1983  
Lat: 39° 56' 17.560 N  
Long: 109° 43' 10.870 W



Azimuths to True North  
Magnetic North: 11.53°

Magnetic Field  
Strength: 52591.7nT  
Dip Angle: 65.86°  
Date: 5/23/2008  
Model: IGRF200510



Vertical Section at 311.17°

### SECTION DETAILS

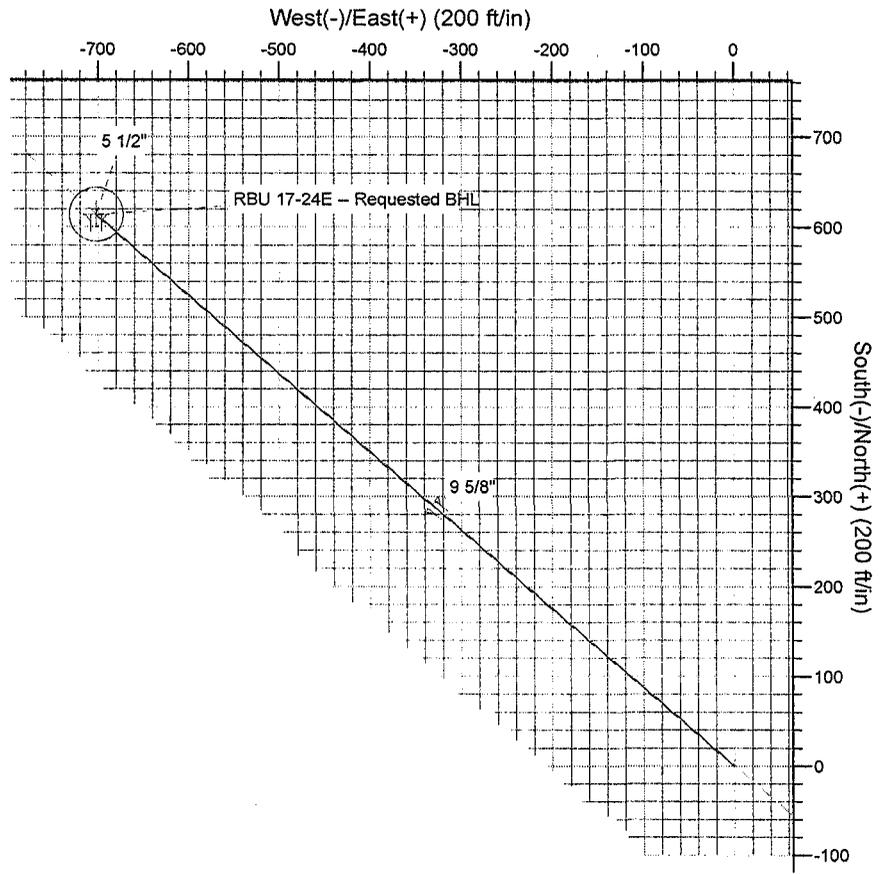
Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	300.0	0.00	0.00	300.0	0.0	0.0	0.00	0.00	0.0	
3	800.0	15.00	311.17	794.3	42.8	-49.0	3.00	311.17	65.1	
4	3900.9	15.00	311.17	3789.5	571.2	-653.1	0.00	0.00	867.6	
5	4400.9	0.00	0.00	4283.8	614.0	-702.1	3.00	180.00	932.7	
6	4777.0	0.00	0.00	4660.0	614.0	-702.1	0.00	0.00	932.7	RBU 17-24E -- Requested BHL
7	8717.0	0.00	0.00	8600.0	614.0	-702.1	0.00	0.00	932.7	

### CASING DETAILS

TVD	MD	Name	Size
2200.0	2255.3	9 5/8"	9-5/8
8600.0	8717.0	5 1/2"	5-1/2

### FORMATION TOP DETAILS

TVDPath	MDPath	Formation
4140.0	4256.9	Wasatch Tongue
4500.0	4617.0	Uteland Limestone
4660.0	4777.0	Wasatch
5550.0	5667.0	Chapita Wells
6780.0	6897.0	Uteland Buttes
7670.0	7787.0	Mesaverde



# **XTO Energy**

**Natural Buttes Wells(NAD83)**

**RBU 4-19F**

**RBU 17-24E**

**RBU 17-24E**

**Plan: Sundry'd Wellbore**

## **Standard Planning Report**

**23 May, 2008**

# XTO Energy, Inc.

## Planning Report

**Database:** EDM 2003.14 Single User Db  
**Company:** XTO Energy  
**Project:** Natural Buttes Wells(NAD83)  
**Site:** RBU 4-19F  
**Well:** RBU 17-24E  
**Wellbore:** RBU 17-24E  
**Design:** Sundry'd Wellbore

**Local Co-ordinate Reference:** Well RBU 17-24E  
**TVD Reference:** Rig KB @ 5147.0ft (Frontier #6)  
**MD Reference:** Rig KB @ 5147.0ft (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 4-19F, T10S, R20E		
<b>Site Position:</b>		<b>Northing:</b>	3,141,986.24 ft
<b>From:</b>	Lat/Long	<b>Easting:</b>	2,139,717.24 ft
<b>Position Uncertainty:</b>	0.0 ft	<b>Slot Radius:</b>	"
		<b>Latitude:</b>	39° 56' 17.560 N
		<b>Longitude:</b>	109° 43' 10.870 W
		<b>Grid Convergence:</b>	1.17 °

<b>Well</b>	RBU 17-24E, S-Well to Wasatch/Mesaverde		
<b>Well Position</b>	<b>+N/-S</b>	0.0 ft	<b>Northing:</b> 3,141,995.25 ft
	<b>+E/-W</b>	0.0 ft	<b>Easting:</b> 2,139,712.29 ft
<b>Position Uncertainty</b>	0.0 ft	<b>Wellhead Elevation:</b>	5,133.0 ft
		<b>Ground Level:</b>	5,133.0 ft

<b>Wellbore</b>	RBU 17-24E				
<b>Magnetics</b>	<b>Model Name</b>	<b>Sample Date</b>	<b>Declination (°)</b>	<b>Dip Angle (°)</b>	<b>Field Strength (nT)</b>
	IGRF200510	5/23/2008	11.54	65.86	52,592

<b>Design</b>	Sundry'd 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</b>	<b>+E/-W</b>	<b>Direction</b>
	(ft)	(ft)	(ft)	(°)
	0.0	0.0	0.0	311.17

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	
300.0	0.00	0.00	300.0	0.0	0.0	0.00	0.00	0.00	0.00	
800.0	15.00	311.17	794.3	42.8	-49.0	3.00	3.00	0.00	311.17	
3,900.9	15.00	311.17	3,789.5	571.2	-653.1	0.00	0.00	0.00	0.00	
4,400.9	0.00	0.00	4,283.8	614.0	-702.1	3.00	-3.00	0.00	180.00	
4,777.0	0.00	0.00	4,660.0	614.0	-702.1	0.00	0.00	0.00	0.00	RBU 17-24E -- Reque
8,717.0	0.00	0.00	8,600.0	614.0	-702.1	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 4-19F  
**Well:** RBU 17-24E  
**Wellbore:** RBU 17-24E  
**Design:** Sundry'd Wellbore

**Local Co-ordinate Reference:** Well RBU 17-24E  
**TVD Reference:** Rig KB @ 5147.0ft (Frontier #6)  
**MD Reference:** Rig KB @ 5147.0ft (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	3.00	311.17	400.0	1.7	-2.0	2.6	3.00	3.00	0.00
500.0	6.00	311.17	499.6	6.9	-7.9	10.5	3.00	3.00	0.00
600.0	9.00	311.17	598.8	15.5	-17.7	23.5	3.00	3.00	0.00
700.0	12.00	311.17	697.1	27.5	-31.4	41.7	3.00	3.00	0.00
800.0	15.00	311.17	794.3	42.8	-49.0	65.1	3.00	3.00	0.00
900.0	15.00	311.17	890.9	59.9	-68.5	91.0	0.00	0.00	0.00
1,000.0	15.00	311.17	987.5	76.9	-88.0	116.8	0.00	0.00	0.00
1,100.0	15.00	311.17	1,084.1	94.0	-107.4	142.7	0.00	0.00	0.00
1,200.0	15.00	311.17	1,180.7	111.0	-126.9	168.6	0.00	0.00	0.00
1,300.0	15.00	311.17	1,277.3	128.0	-146.4	194.5	0.00	0.00	0.00
1,400.0	15.00	311.17	1,373.9	145.1	-165.9	220.4	0.00	0.00	0.00
1,500.0	15.00	311.17	1,470.5	162.1	-185.4	246.3	0.00	0.00	0.00
1,600.0	15.00	311.17	1,567.0	179.1	-204.9	272.1	0.00	0.00	0.00
1,700.0	15.00	311.17	1,663.6	196.2	-224.3	298.0	0.00	0.00	0.00
1,800.0	15.00	311.17	1,760.2	213.2	-243.8	323.9	0.00	0.00	0.00
1,900.0	15.00	311.17	1,856.8	230.3	-263.3	349.8	0.00	0.00	0.00
2,000.0	15.00	311.17	1,953.4	247.3	-282.8	375.7	0.00	0.00	0.00
2,100.0	15.00	311.17	2,050.0	264.3	-302.3	401.5	0.00	0.00	0.00
2,200.0	15.00	311.17	2,146.6	281.4	-321.7	427.4	0.00	0.00	0.00
2,255.3	15.00	311.17	2,200.0	290.8	-332.5	441.7	0.00	0.00	0.00
<b>9 5/8"</b>									
2,300.0	15.00	311.17	2,243.2	298.4	-341.2	453.3	0.00	0.00	0.00
2,400.0	15.00	311.17	2,339.8	315.4	-360.7	479.2	0.00	0.00	0.00
2,500.0	15.00	311.17	2,436.4	332.5	-380.2	505.1	0.00	0.00	0.00
2,600.0	15.00	311.17	2,533.0	349.5	-399.7	531.0	0.00	0.00	0.00
2,700.0	15.00	311.17	2,629.6	366.6	-419.2	556.8	0.00	0.00	0.00
2,800.0	15.00	311.17	2,726.2	383.6	-438.6	582.7	0.00	0.00	0.00
2,900.0	15.00	311.17	2,822.8	400.6	-458.1	608.6	0.00	0.00	0.00
3,000.0	15.00	311.17	2,919.3	417.7	-477.6	634.5	0.00	0.00	0.00
3,100.0	15.00	311.17	3,015.9	434.7	-497.1	660.4	0.00	0.00	0.00
3,200.0	15.00	311.17	3,112.5	451.8	-516.6	686.2	0.00	0.00	0.00
3,300.0	15.00	311.17	3,209.1	468.8	-536.1	712.1	0.00	0.00	0.00
3,400.0	15.00	311.17	3,305.7	485.8	-555.5	738.0	0.00	0.00	0.00
3,500.0	15.00	311.17	3,402.3	502.9	-575.0	763.9	0.00	0.00	0.00
3,600.0	15.00	311.17	3,498.9	519.9	-594.5	789.8	0.00	0.00	0.00
3,700.0	15.00	311.17	3,595.5	536.9	-614.0	815.7	0.00	0.00	0.00
3,800.0	15.00	311.17	3,692.1	554.0	-633.5	841.5	0.00	0.00	0.00
3,900.9	15.00	311.17	3,789.5	571.2	-653.1	867.6	0.00	0.00	0.00
4,000.0	12.03	311.17	3,885.9	586.4	-670.6	890.8	3.00	-3.00	0.00
4,100.0	9.03	311.17	3,984.2	598.4	-684.3	909.1	3.00	-3.00	0.00
4,200.0	6.03	311.17	4,083.3	607.1	-694.2	922.2	3.00	-3.00	0.00
4,256.9	4.32	311.17	4,140.0	610.4	-698.0	927.3	3.00	-3.00	0.00
<b>Wasatch Tongue</b>									
4,300.0	3.03	311.17	4,183.0	612.3	-700.1	930.1	3.00	-3.00	0.00
4,400.9	0.00	0.00	4,283.8	614.0	-702.1	932.7	3.00	-3.00	0.00
4,500.0	0.00	0.00	4,383.0	614.0	-702.1	932.7	0.00	0.00	0.00
4,600.0	0.00	0.00	4,483.0	614.0	-702.1	932.7	0.00	0.00	0.00
4,617.0	0.00	0.00	4,500.0	614.0	-702.1	932.7	0.00	0.00	0.00
<b>Uteland Limestone</b>									

# XTO Energy, Inc.

## Planning Report

**Database:** EDM 2003.14 Single User Db  
**Company:** XTO Energy  
**Project:** Natural Buttes Wells(NAD83)  
**Site:** RBU 4-19F  
**Well:** RBU 17-24E  
**Wellbore:** RBU 17-24E  
**Design:** Sundry'd Wellbore

**Local Co-ordinate Reference:** Well RBU 17-24E  
**TVD Reference:** Rig KB @ 5147.0ft (Frontier #6)  
**MD Reference:** Rig KB @ 5147.0ft (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)
4,700.0	0.00	0.00	4,583.0	614.0	-702.1	932.7	0.00	0.00	0.00
4,777.0	0.00	0.00	4,660.0	614.0	-702.1	932.7	0.00	0.00	0.00
<b>Wasatch - RBU 17-24E -- Requested BHL</b>									
4,800.0	0.00	0.00	4,683.0	614.0	-702.1	932.7	0.00	0.00	0.00
4,900.0	0.00	0.00	4,783.0	614.0	-702.1	932.7	0.00	0.00	0.00
5,000.0	0.00	0.00	4,883.0	614.0	-702.1	932.7	0.00	0.00	0.00
5,100.0	0.00	0.00	4,983.0	614.0	-702.1	932.7	0.00	0.00	0.00
5,200.0	0.00	0.00	5,083.0	614.0	-702.1	932.7	0.00	0.00	0.00
5,300.0	0.00	0.00	5,183.0	614.0	-702.1	932.7	0.00	0.00	0.00
5,400.0	0.00	0.00	5,283.0	614.0	-702.1	932.7	0.00	0.00	0.00
5,500.0	0.00	0.00	5,383.0	614.0	-702.1	932.7	0.00	0.00	0.00
5,600.0	0.00	0.00	5,483.0	614.0	-702.1	932.7	0.00	0.00	0.00
5,667.0	0.00	0.00	5,550.0	614.0	-702.1	932.7	0.00	0.00	0.00
<b>Chapita Wells</b>									
5,700.0	0.00	0.00	5,583.0	614.0	-702.1	932.7	0.00	0.00	0.00
5,800.0	0.00	0.00	5,683.0	614.0	-702.1	932.7	0.00	0.00	0.00
5,900.0	0.00	0.00	5,783.0	614.0	-702.1	932.7	0.00	0.00	0.00
6,000.0	0.00	0.00	5,883.0	614.0	-702.1	932.7	0.00	0.00	0.00
6,100.0	0.00	0.00	5,983.0	614.0	-702.1	932.7	0.00	0.00	0.00
6,200.0	0.00	0.00	6,083.0	614.0	-702.1	932.7	0.00	0.00	0.00
6,300.0	0.00	0.00	6,183.0	614.0	-702.1	932.7	0.00	0.00	0.00
6,400.0	0.00	0.00	6,283.0	614.0	-702.1	932.7	0.00	0.00	0.00
6,500.0	0.00	0.00	6,383.0	614.0	-702.1	932.7	0.00	0.00	0.00
6,600.0	0.00	0.00	6,483.0	614.0	-702.1	932.7	0.00	0.00	0.00
6,700.0	0.00	0.00	6,583.0	614.0	-702.1	932.7	0.00	0.00	0.00
6,800.0	0.00	0.00	6,683.0	614.0	-702.1	932.7	0.00	0.00	0.00
6,897.0	0.00	0.00	6,780.0	614.0	-702.1	932.7	0.00	0.00	0.00
<b>Uteland Buttes</b>									
6,900.0	0.00	0.00	6,783.0	614.0	-702.1	932.7	0.00	0.00	0.00
7,000.0	0.00	0.00	6,883.0	614.0	-702.1	932.7	0.00	0.00	0.00
7,100.0	0.00	0.00	6,983.0	614.0	-702.1	932.7	0.00	0.00	0.00
7,200.0	0.00	0.00	7,083.0	614.0	-702.1	932.7	0.00	0.00	0.00
7,300.0	0.00	0.00	7,183.0	614.0	-702.1	932.7	0.00	0.00	0.00
7,400.0	0.00	0.00	7,283.0	614.0	-702.1	932.7	0.00	0.00	0.00
7,500.0	0.00	0.00	7,383.0	614.0	-702.1	932.7	0.00	0.00	0.00
7,600.0	0.00	0.00	7,483.0	614.0	-702.1	932.7	0.00	0.00	0.00
7,700.0	0.00	0.00	7,583.0	614.0	-702.1	932.7	0.00	0.00	0.00
7,787.0	0.00	0.00	7,670.0	614.0	-702.1	932.7	0.00	0.00	0.00
<b>Mesaverde</b>									
7,800.0	0.00	0.00	7,683.0	614.0	-702.1	932.7	0.00	0.00	0.00
7,900.0	0.00	0.00	7,783.0	614.0	-702.1	932.7	0.00	0.00	0.00
8,000.0	0.00	0.00	7,883.0	614.0	-702.1	932.7	0.00	0.00	0.00
8,100.0	0.00	0.00	7,983.0	614.0	-702.1	932.7	0.00	0.00	0.00
8,200.0	0.00	0.00	8,083.0	614.0	-702.1	932.7	0.00	0.00	0.00
8,300.0	0.00	0.00	8,183.0	614.0	-702.1	932.7	0.00	0.00	0.00
8,400.0	0.00	0.00	8,283.0	614.0	-702.1	932.7	0.00	0.00	0.00
8,500.0	0.00	0.00	8,383.0	614.0	-702.1	932.7	0.00	0.00	0.00
8,600.0	0.00	0.00	8,483.0	614.0	-702.1	932.7	0.00	0.00	0.00
8,700.0	0.00	0.00	8,583.0	614.0	-702.1	932.7	0.00	0.00	0.00
8,717.0	0.00	0.00	8,600.0	614.0	-702.1	932.7	0.00	0.00	0.00
<b>5 1/2"</b>									

# XTO Energy, Inc.

## Planning Report

**Database:** EDM 2003.14 Single User Db  
**Company:** XTO Energy  
**Project:** Natural Buttes Wells(NAD83)  
**Site:** RBU 4-19F  
**Well:** RBU 17-24E  
**Wellbore:** RBU 17-24E  
**Design:** Sundry'd Wellbore

**Local Co-ordinate Reference:** Well RBU 17-24E  
**TVD Reference:** Rig KB @ 5147.0ft (Frontier #6)  
**MD Reference:** Rig KB @ 5147.0ft (Frontier #6)  
**North Reference:** True  
**Survey Calculation Method:** Minimum Curvature

### 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 17-24E -- Request - plan hits target - Circle (radius 30.0)	0.00	0.00	4,660.0	614.0	-702.1	3,142,594.75	2,138,997.74	39° 56' 23.716 N	109° 43' 19.943 W

### Casing Points

Measured Depth (ft)	Vertical Depth (ft)	Name	Casing Diameter (")	Hole Diameter (")
2,255.3	2,200.0	9 5/8"	9-5/8	12-1/4
8,717.0	8,600.0	5 1/2"	5-1/2	7-7/8

### Formations

Measured Depth (ft)	Vertical Depth (ft)	Name	Lithology	Dip (°)	Dip Direction (°)
4,256.9	4,140.0	Wasatch Tongue		0.00	
4,617.0	4,500.0	Uteland Limestone		0.00	
4,777.0	4,660.0	Wasatch		0.00	
5,667.0	5,550.0	Chapita Wells		0.00	
6,897.0	6,780.0	Uteland Buttes		0.00	
7,787.0	7,670.0	Mesaverde		0.00	

**DIVISION OF OIL, GAS AND MINING**

**SPUDDING INFORMATION**

Name of Company: XTO ENERGY INC

Well Name: RBU 17-24E

Api No: 43-047-38549 Lease Type: FEDERAL

Section 19 Township 10S Range 20E County UINTAH

Drilling Contractor PETE MARTIN DRLG RIG # RATHOLE

**SPUDDED:**

Date 07/30/08

Time 12:00 NOON

How DRY

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

Reported by JIM NOWELL

Telephone # (435) 828-1454

Date 08/01/08 Signed CHD

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 013794</b>
2. Name of Operator <b>XTO Energy Inc.</b>		6. If Indian, Allottee or Tribe Name <b>N/A</b>
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: 703' FNL &amp; 546' FWL NWNW SEC 19-T10S-R20E SLB&amp;M</b> <b>EHL: 100' FNL &amp; 150' FEL NENE SEC 24-T10S-R19E</b>		8. Well Name and No. <b>RBU 17-24E</b>
		9. API Well No. <b>43-047-38549</b>
		10. Field and Pool, or Exploratory Area <b>NATURAL BUTTES</b>
		11. County or Parish, State <b>UINTAH UT</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 <u>SPUD</u>
	<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	

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.)

**XTO Energy Inc. spudded 20" conductor hole 7/30/2008 & drilled to 40'. Set 14" conductor csg @ 40' & cemented to surface w/5 yds Redimix cement.**

Drilling ahead. . . .

**RECEIVED**

**AUG 04 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>8/01/2008</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	

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.

**DOGM COPY**

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

FORM 6

ENTITY ACTION FORM

Operator: XTO ENERGY INC. Operator Account Number: N 2615  
Address: 382 CR 3100  
city AZTEC  
state NM zip 87410 Phone Number: (505) 333-3100

Well 1

API Number	Well Name		QQ	Sec	Twp	Rng	County
4304738549	RBU 17-24E		NWNW	19	10S	20E	UINTAH
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
<i>A B</i>	<i>99999</i>	<i>7050</i>	<i>7/30/2008</i>		<i>8/14/08</i>		
Comments: <i>MVRB = WSMVD BAL = Sec 24 NENE T 10S R 19E</i>							

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)

WANETT MCCAULEY

Name (Please Print)

Signature

FILE CLERK

Title

8/1/2008

Date

(5/2000)

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AUG 04 2008

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: <b>U 013794</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: <b>N/A</b>
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 17-24E</b>
3. ADDRESS OF OPERATOR: 382 CR 3100 CITY <b>AZTEC</b> STATE <b>NM</b> ZIP <b>87410</b>		9. API NUMBER: <b>4304738549</b>
4. LOCATION OF WELL FOOTAGES AT SURFACE: <b>703' FNL &amp; 546' FWL</b> QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: <b>NWNW 19 10S 20E S</b>		10. FIELD AND POOL, OR WILDCAT: <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 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>8/31/2008</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>AUGUST '08</b>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	<b>MONTHLY REPORT</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 8/01/2008 thru 8/31/2008.

NAME (PLEASE PRINT) <b>WANETT MCCAULEY</b>	TITLE <b>FILE CLERK</b>
SIGNATURE <i>Wanett McCauley</i>	DATE <b>9/3/2008</b>

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**RECEIVED**  
**SEP 08 2008**

DIV. OF OIL, GAS & MINING

EXECUTIVE SUMMARY REPORT

8/1/2008 - 8/31/2008  
Report run on 9/2/2008 at 12:17 PM

Riverbend Unit 17-24E - Natural Buttes, 19, 10S, 20E, Uintah, Utah, ,  
Roosevelt,

AFE: 717111

Objective: Drill & Complete a Natural Buttes gas well

8/3/2008           ROCKED OUT ABOUT 4'   DOWN, WILL HAVE TO BRING IN JACK HAMMER

=====  
Riverbend Unit 17-24E  
=====

8/4/2008           CRANE BROKE DOWN ON OTHER LOCATION FUEL PUMP WENT OUT HAMMEROUT & SET CELLAR  
RING, MOVE RIG OVER

=====  
Riverbend Unit 17-24E  
=====

8/5/2008           MOVE IN RIG UP

=====  
Riverbend Unit 17-24E  
=====

8/6/2008           DRILL/F 40' TO 1215'  
DRLG WITH WATER , LAST SURVEY @ 1134' 14 DEG AND 310 AZ

=====  
Riverbend Unit 17-24E  
=====

8/7/2008           DRILL/F 1215' TO 2264', CIRC SWEEP OUT PUMP PILL, POOH L/D 8" DC, RIG UP  
CASERS START RUN 9 5/8 CASING.  
CALLED BLM & STATE OF UTAH ON RUNNING CSG & CMT JOB AND AND ALSO BOP TEST,  
MUD WT 8.5 VIS 34 AND LAST SURVEY @2151 13.90 DEG , AZ 308

=====  
Riverbend Unit 17-24E  
=====

8/8/2008           RUN 52 JTS 9 5/8 36# J-55 CSG WITH FLOAT EQUIPMENT SET @ 2228' , CMT WITH  
BIG 4 CEMENTERS PUMP 250 SK HI FILL CMT LEAD, AND 250 SK PREMIUM CMT TAIL  
GOOD RETURNS. 35 BBLs GOOD CMT TO SURF, CMT FELL MIX AND PUMP 50SK CMT TOP  
JOB HOLE STAYED FULL AND FLOATS DID HOLD.NIPPLE DWN HYDRILL NIPPLE UP BOP AND  
TEST

=====  
Riverbend Unit 17-24E  
=====

8/9/2008           DRILL OUT CMT FLOAT & SHOE ,DRILL / F 2264' TO 3579' ,HAD TROUBLE WITHMWD  
TOOLS FROM 04:30 TO 06:00

=====  
Riverbend Unit 17-24E  
=====

8/10/2008          DRILL/F 3579' TO 3602' , BUILD & PUMP PILL POOH FOR DIRC TOOLS, PICK UP NEW  
TOOLS TIH DRILL/F 3602' TO 4532' CIRC OUT GAS KICK TOOK ON 9800 UNITS WITH A  
40' FLAIR  
CIRC OUT GAS KICK TOOK ON 9800 UNITS WITH A 40' FLAIR, LAST SURVEY @ 4460'  
1.2 DEG 303 AZ, DRILLING WITH WATER

=====  
Riverbend Unit 17-24E  
=====

8/11/2008          DRILL / 4532' TO 6150'  
MUD WT 8.8 VIS 33 SURVEY @ 6100' 1.6 DEG AZ 191.20



**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 013794</b>
			6. IF INDIAN, ALLOTTEE OR TRIBE NAME: <b>N/A</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.			7. UNIT or CA AGREEMENT NAME: <b>RIVERBEND UNIT</b>
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____			8. WELL NAME and NUMBER: <b>RBU 17-24E</b>
2. NAME OF OPERATOR: <b>XTO ENERGY INC.</b>			9. API NUMBER: <b>4304738549</b>
3. ADDRESS OF OPERATOR: <b>382 CR 3100</b> CITY <b>AZTEC</b> STATE <b>NM</b> ZIP <b>87410</b>		PHONE NUMBER: <b>(505) 333-3100</b>	10. FIELD AND POOL, OR WILDCAT: <b>NATURAL BUTTES</b>
4. LOCATION OF WELL FOOTAGES AT SURFACE: <b>703' FNL &amp; 546' FWL</b>			COUNTY: <b>UINTAH</b>
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: <b>NWNW 19 10S 20E S</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>9/30/2008</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>SEPTEMBER '08 MONTHLY REPORT</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 9/01/2008 thru 9/30/2008.

NAME (PLEASE PRINT) <b>WANETT MCCAULEY</b>	TITLE <b>FILE CLERK</b>
SIGNATURE	DATE <b>10/3/2008</b>

(This space for State use only)

**RECEIVED**  
**OCT 06 2008**

DIV. OF OIL, GAS & MINING

**EXECUTIVE SUMMARY REPORT**

9/1/2008 - 9/30/2008  
Report run on 10/1/2008 at 12:48 PM

**Riverbend Unit 17-24E - Natural Buttes, 19, 10S, 20E, Uintah, Utah, ,  
Roosevelt,**

**AFE: 717111**

Objective: Drill & Complete a Natural Buttes gas well

9/11/2008 MIRU CHS WL RIH W/ 4.65" OD GR TO 8810'. POH W/ Tls. RIH w/ GR/CCL/GR logging tls. Tgd @ 8810'. Run CBL under 750 psig fr 8810'- 430' FS. Log indic TOC @ 630'. POH & LD logging tls. RU pmp trk. PT csg to 2500 psig for 30" & 5000 psig for 10" Tst (OK) POH & RDMO WL. SWI & SDFN. Rpts suspd until further activity.

===== Riverbend Unit 17-24E =====

9/15/2008 MIRU Casedhole Solutions. RIH perf MV stg #1 w/3-1/8" csg guns loaded w/ Titan EXP-3323-361T, 22.7 gm chrgs, fr/8,557' - 8,564', 8,642' - 8,646', 8,668' - 8,672', 8,726' - 8,729', & 8,737' - 8,740' w/2 JSPF (120 deg phasing, 0.36" EHD, 35.63" pene., 47 holes). POH & LD perf guns. SWI & SDFN.

===== Riverbend Unit 17-24E =====

9/16/2008 MIRU HES and CHS WLU. Held safety mtg & PT all surface lines to 7,500 psig, held gd. BD MV stg #1 perfs w/2% KCL wtr and EIR. A. MV perfs fr/8,557' - 8,740' w/1,300 gals of 7-1/2% NEFE HCL ac & 70 Bio-BS @ 12 bpm dwn 5-1/2" csg. ISIP 3,087 psig, surge balls off perfs & wait 5". Frac'd MV stg #1 perfs fr/8,557' - 8,740', dwn 5-1/2" csg w/39,359 gals wtr, 60Q N2 foam gelled fld (Delta-R Foam Frac), 2% KCl wtr carrying 70,300# BASF 20/40 sd, coated w/Expedite Lite. Max sd conc 3 ppg, ATP 4,841 psig, ISIP 3,052 psig, 5" SIP N/A psig, Frac vlv leaking, used 1,118,000 mscf of N2, 1,025 BLWTR. RIH & set 5K CBP @ 8,520'. SD ops dwn to repair frac vlv. Rep vlv & PT plg to 6,000 psig, gd tst. RIH w/3-1/8" csg guns loaded w/Titan EXP-3323-361T, 22.7 gm chrgs. Perf MV stage #2 intv fr/8,254' - 8,256', 8,261' - 8,266' & 8,397' - 8,401' w/2 JSPF (120 deg phasing, 0.36" EHD, 35.63" pene., 25 holes). POH & LD perf guns. BD MV stg #2 perfs w/2% KCL wtr and EIR. A. MV perfs fr/8,254' - 8,401' w/750 gals of 7-1/2% NEFE HCL ac & 37 Bio-BS @ 12 bpm dwn 5-1/2" csg. ISIP 3,390 psig, surge balls off perfs & SD 5". Frac'd MV stg #2 perfs fr/8,254' - 8,401', dwn 5-1/2" csg w/32,405 gals wtr, 60Q N2 foam gelled fld (Delta-R Foam Frac), 2% KCl wtr carrying 59,600# BASF 20/40 sd, coated w/Expedite Lite. Max sd conc 3 ppg, ATP 5,212 psig, ISIP 4,190 psig, 5" SIP 4,271 psig, used 746,212 mscf of N2, 772 BLWTR. RIH & set 5K CBP @ 8,020'. PT plg to 6,000 psig, gd tst. RIH w/3-1/8" csg guns loaded w/Titan EXP-3323-361T, 22.7 gm chrgs. Perf MV/UB stage #3 intv fr/7,655' - 7,660', 7,689' - 7,693', 7,774' - 7,778' & 7,838' - 7,842' w/2 JSPF (120 deg phasing, 0.36" EHD, 35.63" pene., 38 holes). POH & LD perf guns. BD MV/UB stg #3 perfs w/2% KCL wtr and EIR. A. MV/UB perfs fr/7,655' - 7,842' w/1,100 gals of 7-1/2% NEFE HCL ac and 57 Bio-BS @ 12 bpm dwn 5-1/2" csg. ISIP 1,981 psig, surge balls off perfs & SD 5". Frac'd MV/UB stg #3 perfs fr/7,655' - 7,842', dwn 5-1/2" csg w/34,490 gals wtr, 70Q N2 foam gelled fld (Delta-R Foam Frac), 2% KCl wtr carrying 96,300# BASF 20/40 sd, the last 25,000#'s of 3# sd coated w/Expedite Lite. Max sd conc 3 ppg, ATP 5,422 psig, ISIP 3,635 psig, 5" SIP 3,550 psig, used 1,526,000 mscf of N2, 821 BLWTR. SWI & SDFN. 2,618 BLWTR ttl.

EXECUTIVE SUMMARY REPORT

9/1/2008 - 9/30/2008  
Report run on 10/1/2008 at 12:48 PM

===== Riverbend Unit 17-24E =====

9/17/2008

SICP psig. W/HES and Casedhole Solutions allready rigged up. Held safety mtg & PT all surface lines to 7,500 psig, held gd. RIH & set 5K CBP @ 7,200'. PT plg to 6,000 psig, gd tst. RIH perf UB stg #4 w/3-1/8" csg guns loaded w/ Titan EXP-3323-361T, 22.7 gm chrsg, fr/7,000' - 7,006', & 7,045' - 7,050', w/2 JSPF (120 deg phasing, 0.36" EHD, 35.63" pene., 24 holes). Spearhead 1,000 gals 7.5% HCL and frac'd UB stg #4 perfs fr/7,000' - 7,050', dwn 5-1/2" csg w/20,663 gallons wtr, 70Q N2 foam gelled fld (Delta-R Foam Frac), 2% KCl wtr carrying 60,500# BASF 20/40 sd, the last 15,000#'s sd coated w/ Expedite Lite. Max sd conc 4 ppg, ATP 4,312, ISIP 2,860 psig, 5" SIP 2,640 psig, used 816,000 mscf of N2, 492 BLWTR. RIH & set 5K CBP @ 6,560'. PT plg to 6,000 psig, gd tst. RIH w/ 3-1/8" csg guns loaded w/ Titan EXP-3323-361T, 22.7 gm chrsg. Perf UB stage #5 intv fr/6,417' - 6,426', & 6,436' - 6,441', w/2 JSPF (120 deg phasing, 0.36" EHD, 35.63" pene., 30 holes). POH & LD perf guns. Spearhead 1,000 gals 7.5% HCL and frac'd UB stg #5 perfs fr/6,417' - 6,441', dwn 5-1/2" csg w/18,488 gallons wtr, 70Q N2 foam gelled fld (Delta-R Foam Frac), 2% KCl wtr carrying 61,800# BASF 20/40 sd, the last 15,000#'s sd coated w/ Expedite Lite. Max sd conc 4 ppg, ATP 3,659 psig, ISIP 2,350 psig, 5" SIP 2,222 psig, used 703,000 mscf of N2, 440 BLWTR. RIH & set 5K CBP @ 6,290'. PT plg to 6,000 psig, gd tst. RIH w/ 3-1/8" csg guns loaded w/ Titan EXP-3323-361T, 22.7 gm chrsg. Perf CW stage #6 intv fr/5,995' - 5,998', 6,004' - 6,006', 6,072' - 6,076', 6,118' - 6,123', 6,147' - 6,150', 6,157' - 6,160', w/2 JSPF (120 deg phasing, 0.36" EHD, 35.63" pene., 46 holes). POH & LD perf guns. BD CW stg #6 perfs w/2% KCL wtr and EIR. A. CW perfs f/5,995' - 6,160' w/1,300gals of 7-1/2% NEFE HCL acid and 69 Bio-BS @ 12 bpm dwn 5-1/2" csg. ISIP 1,140 psig, surge balls off perfs, wait 5". Frac'd CW stg #6 perfs fr/5,995' - 6,160', dwn 5-1/2" csg w/34,059 gallons wtr, 70Q N2 foam gelled fld (Delta-R Foam Frac), 2% KCl wtr carrying 121,200# BASF 20/40 sd, last 30,000#'s sd coated w/ Expedite Lite. Max sd conc 4 ppg, ATP 3,605 psig, ISIP 1,825 psig, 5" SIP 1,780 psig, used 1,204,000 mscf of N2, 811 BLWTR. RIH & set 5K CBP @ 5,790'. PT plg to 6,000 psig, gd tst. RIH w/ 3-1/8" csg guns loaded w/ Titan EXP-3323-361T, 22.7 gm chrsg. Perf WA stage #7 intv fr/5,629' - 5,632', & 5,642' - 5,646', w/2 JSPF (120 deg phasing, 0.36" EHD, 35.63" pene., 16 holes). POH & LD perf guns. SWI & SDFN. 4,361 BLWTR ttl.

===== Riverbend Unit 17-24E =====

9/18/2008

W/HES & CHS rigged up. Held safety mtg & PT all surface lines to 7,500 psig, held gd. Frac'd WA stg #7 perfs fr/5,629' - 5,646', dwn 5-1/2" csg w/12,415 gallons wtr, 70Q N2 foam gelled fld (Delta-R Foam Frac), 2% KCl wtr carrying 33,500# BASF 20/40 sd, the last 7,500#'s sd coated w/ Expedite Lite. Max sd conc 4 ppg, ATP 3,411 psig, ISIP 2,541 psig, 5" SIP 2,195 psig, used 338,000 mscf of N2, 296 BLWTR. RIH & set 5K CBP @ 4,800'. PT plg to 6,000 psig, gd tst. RIH w/ 3-1/8" csg guns loaded w/ Titan EXP-3323-361T, 22.7 gm chrsg. Perf Uteland Limestone stage #8 intv fr/4,662' - 4,670', w/2 JSPF (120 deg phasing, 0.36" EHD, 35.63" pene., 17 holes). POH & LD perf guns. Spearhead 1,000 gals 7.5% HCL and frac'd Uteland Limestone stg #8 perfs fr/4,662' - 4,672', dwn 5-1/2" csg w/12,243 gallons wtr, 70Q N2 foam gelled fld (Delta-R Foam Frac), 2% KCl wtr carrying 40,600# BASF 20/40 sd, coated w/ Expedite Lite. Max sd conc 4 ppg, ATP 3,148 psig, ISIP 2,510 psig, 5" SIP 2,360 psig, used 332,000 mscf of N2, 292 BLWTR. RIH & set 5K CBP @ 4,580'. PT plg to 6,000 psig, gd tst. RIH w/ 3-1/8" csg guns loaded w/ Titan EXP-3323-361T, 22.7 gm chrsg. Perf WA Tongue stage #9 intv fr/4,490' - 4,494', w/2 JSPF (120 deg phasing, 0.36" EHD, 35.63" pene., 9 holes). POH & LD perf guns. BD WA stg #9 perfs w/2% KCL wtr and EIR. A. WA perfs f/4,490' - 4,494' w/1,000gals of 7-1/2% NEFE HCL acid previously sptd dwn 5-1/2" csg. ISIP 1,420 psig. SWI & SDFN. 4,949 BLWTR ttl. Rpts suspd until further activity.

**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 013794
			6. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A
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.			7. UNIT or CA AGREEMENT NAME: RIVERBEND UNIT
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____			8. WELL NAME and NUMBER: RBU 17-24E
2. NAME OF OPERATOR: XTO ENERGY INC.			9. API NUMBER: 4304738549
3. ADDRESS OF OPERATOR: 382 CR 3100 CITY AZTEC STATE NM ZIP 87410		PHONE NUMBER: (505) 333-3100	10. FIELD AND POOL, OR WILDCAT: NATURAL BUTTES
4. LOCATION OF WELL FOOTAGES AT SURFACE: 703' FNL & 546' FWL  QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWNW 19 10S 20E 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 checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only)  Date of work completion: 10/31/2008	<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: OCTOBER 08 MONTHLY REPORT

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 10/01/2008 thru 10/31/2008.

**RECEIVED**  
**NOV 10 2008**  
DIV. OF OIL, GAS & MINING

NAME (PLEASE PRINT) <u>JENNIFER M. HEMBRY</u>	TITLE <u>FILE CLERK</u>
SIGNATURE <u>Jennifer M. Hembry</u>	DATE <u>11/5/2008</u>

(This space for State use only)

EXECUTIVE SUMMARY REPORT

10/1/2008 - 10/31/2008
Report run on 11/4/2008 at 1:10 PM

Riverbend Unit 17-24E - Natural Buttes, 19, 10S, 20E, Uintah, Utah, ,
Roosevelt,

AFE: 717111

Objective: Drill & Complete a Natural Buttes gas well

10/6/2008 SICP 450 psig. MIRU rig & equip. BD csg. ND frac vlv, NU BOP. Start in
hole w/Weatherford 5-1/2" HD PKR. Well started to flw. Cont to TIH while
flwg well. Set pkr @ 4,512', tbg died , csg flwg. Relsd pkr & PUH, set pkr
@ 4,445', csg died, tbg flwg. CBP @ 4,580'. Opn well to tk on a 32/64" ck
overnight. WA perfs fr/4,490' - 4,494'.

10/7/2008 FTP 50 psig, SICP 0 psig. F. 0 BO, 81 BLW, 14 hrs, FTP 100 - 50 psig, SICP
0 - 0 psig, 32/64" ck. Rets of lt sd, gas, wtr. 0 BLWTR ttl. WA perfs
f/4,490' - 4,494'. Contrl well w/trtd 2% kcl wtr. Rls PKR, TOH LD PKR. TIH
w/4-3/4" rock tooth bit, SS, BRS, SN, & 2-3/8" tbg. DO 5-1/2" CBP's w/ well
energy @ 4,580', 4,780' (CO 20' sd abv plg), 5,790' (CO 25' sd abv plg),
6,290' (CO 20' sd abv plg). Circ well cln. TOH w/tbg, EOT @ 4,610'. SWI &
SDFN. 4,949 BLWTR ttl. WA/UL/CW/UB/MV perfs f/4,490' - 8,740'.

10/8/2008 SITP 0 psig, SICP 1,500 psig. TIH w/4-3/4" rock tooth bit, SS, BRS, SN, & 2-
3/8" tbg. DO 5-1/2" CBP's @ 6,560', (CO 20' sd abv plg), 7,200' (CO 36' sd
abv plg), 8,020' (CO 40' sd abv plg), 8,520' (CO 60' sd abv plg). TIH & CO
70' fill to PBD @ 8,826'. Found hvy blk oil in rets. Circ well cln, LD 10
jts of tbg. Ld 257 jts 2-3/8", 4.7#, L-80, EUE, 8rd tbg on hgr w/EOT @
8,526' & SN 8,524'. WA/MV perfs fr/4490' - 8740'. RU swb tls. RIH w/ XTO's
1.90" tbg broach to SN @ 8,524' (no ti spts). POH & LD broach. ND BOP. NU
WH. Ppd off bit & 1/2 of BRS @ 2,300 psig. SWI & SDFN. Ttl fld ppd 450
bbls, ttl fld rec 820 bbls. 4,579 BLWTR. RDMO rig & equip.

10/9/2008 OWU on 32-64" ck. FTP 1,100 psig, SICP 1,600 psig. F. 0 BO, 222 BLW, 10
hrs, FTP 1,100 - 750 psig, SICP 1,600 - 1,450 psig, 32-24/64" ck. Rets of
tr sd, gas, wtr. 4,352 BLWTR ttl. WA/UL/CW/UB/MV perfs fr/4,490' - 8,740'.

10/10/2008 FTP 500 psig, SICP 1,400 psig. F. 0 BO, 253 BLW, 16 hrs, FTP 500 - 700
psig, SICP 1,400 - 1,150 psig, 24-32-opn-32/64" ck. Rets of tr sd, gas, wtr.
Well died @ 08:00. MIRU Swb rig. RU swb tls. BFL 2,700' FS. S. 0 BO, 56
BLW, 7 runs, 3 hrs, FFL 2,000' FS. FTP 190 psig, SICP 1,300 psig. Fld smpls
showed cln wtr. RD swb tls & ret well to F bk. 4,043 BLWTR ttl.
WA/UL/CW/UB/MV perfs f/4,490' - 8,740'.

10/10/2008 SITP 20 psig, SICP 1300 psig. MIRU Tech Swabbing SWU. Bd tbg. RU & RIH
w/swb tls. SN @ 8,323'. BFL @ 2,700' FS. S 0 BO, 56 BW. 7 runs, 3 hrs.
KO well flwg. FTP 600 psig, SICP 1,450 psig. RWT flow test. RDMO Tech
Swabbing SWU.

10/11/2008 FTP 650 psig, SICP 1,050 psig. F. 0 BO, 278 BLW, 24 hrs, FTP 650 - 800
psig, SICP 1,050 - 1,000 psig, 32-24/64" ck. Rets of tr sd, gas, wtr. 3,765
BLWTR ttl. WA/UL/CW/UB/MV perfs f/4,490' - 8,740'.

Riverbend Unit 17-24E

EXECUTIVE SUMMARY REPORT

10/1/2008 - 10/31/2008  
Report run on 11/4/2008 at 1:10 PM

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10/12/2008 ===== Riverbend Unit 17-24E =====  
FTP 800 psig, SICP 1,000 psig. F. 0 BO, 204 BLW, 24 hrs, FTP 800 - 800  
psig, SICP 1,000 - 1,000 psig, 24/64" ck. Rets of tr sd, gas, wtr. 3,561  
BLWTR ttl. WA/UL/CW/UB/MV perfs f/4,490' - 8,740'.

10/13/2008 ===== Riverbend Unit 17-24E =====  
FTP 800 psig, SICP 1,000 psig. F. 0 BO, 101 BLW, 18 hrs, FTP 800 - 750  
psig, SICP 1,000 - 1,000 psig, 24/64" ck. Rets of tr sd, gas, wtr. 3,460  
BLWTR ttl. WA/UL/CW/UB/MV perfs f/4,490' - 8,740'. SWI @ Noon.

===== Riverbend Unit 17-24E =====

**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 013794</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: <b>N/A</b>
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 17-24E</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>4304738549</b>
4. LOCATION OF WELL FOOTAGES AT SURFACE: <b>703' FNL &amp; 546' FWL</b>		10. FIELD AND POOL, OR WILDCAT: <b>NATURAL BUTTES</b>
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: <b>NWNW 19 10S 20E 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>11/30/2008</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>DECEMBER 08</b>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	<b>MONTHLY REPORT</b>

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

XTO Energy Inc. has nothing to report for the period of 11/01/2008 thru 11/30/2008.

NAME (PLEASE PRINT) <u>JENNIFER M. HEMBRY</u>	TITLE <u>REGULATORY CLERK</u>
SIGNATURE <u>Jennifer M. Hembry</u>	DATE <u>12/5/2008</u>

(This space for State use only)

**RECEIVED**  
**DEC 09 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  
 Oil Well  Gas Well  Other

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

3a. Address  
**382 CR 3100 Aztec, NM 87410**

3b. Phone No. (include area code)  
**505-333-3100**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
**SHL: 703' FNL & 546' FWL NWNW SEC 19-T10S-R20E SLB&M**  
**BHL: 100' FNL & 150' FEL NENE SEC 24-T10S-R19E**

5. Lease Serial No.  
**U 013794**

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

7. If Unit or CA/Agreement, Name and/or No.  
**RIVERBEND UNIT**

8. Well Name and No.  
**RBU 17-24E**

9. API Well No.  
**43-047-38549**

10. Field and Pool, or Exploratory Area  
**NATURAL BUTTES**  
**WASATCH-MESAVERDE**

11. County or Parish, State  
**UINTAH UT**

**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 <b>1ST DELIVERY</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 final site is ready for final inspection.)

**XTO Energy Inc. first delivered this well to Questar Gas Management @ 1730 hours, Wednesday, 12/17/2008.**

IFR 905 MCFPD.

XTO meter: #RS1542RF

RECEIVED

DEC 18 2008

DIV. OF OIL, GAS & MINING

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

**BARBARA A. NICOL**

Title **REGULATORY CLERK**

Signature

*Barbara A. Nicol*

Date **12/18/2008**

**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**

**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 013794</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: <b>N/A</b>
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 17-24E</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>4304738549</b>
4. LOCATION OF WELL FOOTAGES AT SURFACE: <b>703' FNL &amp; 546' FWL</b>		10. FIELD AND POOL, OR WLD/CAT: <b>NATURAL BUTTES</b>
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: <b>NWNW 19 10S 20E 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 checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only)  Date of work completion: <b>12/31/2008</b>	<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>DECEMBER 08</b>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	<b>MONTHLY REPORT</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 12/01/2008 thru 12/31/2008.

NAME (PLEASE PRINT) <u>JENNIFER M. HEMBRY</u>	TITLE <u>REGULATORY CLERK</u>
SIGNATURE <u><i>Jennifer M. Hembry</i></u>	DATE <u>1/5/2009</u>

(This space for State use only)

**RECEIVED**

**JAN 12 2009**

DIV. OF OIL, GAS & MINING

**EXECUTIVE SUMMARY REPORT**

12/1/2008 - 12/31/2008  
Report run on 1/2/2009 at 4:23 PM

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**Riverbend Unit 17-24E - Riverbend Unit 17-24E**

Section 19-10S-20E, Uintah, Utah, Roosevelt

Objective: Drill & Complete a Natural Buttes gas well  
Date First Report: 7/30/2008  
Last Casing String:  
Method of Production: Flowing

12/17/2008

The River Bend Unit 17-24E was first delivered to Questar Gas Management through the #3 Tap CDP @ 5:30 p.m., Wednesday, 12/17/08. IFR 905 MCFPD.

This well is in Uintah County, Utah.  
This well is on Route #205.  
This is a WA/MV well.

Accounting #165650.  
AFE #717111.  
XTO allocation Meter # RS1542RF.  
RTU Group 10  
Address 72.  
#3 Tap CDP Meter #R50931C.  
Tank # E1234.

===== Riverbend Unit 17-24E =====

Objective: Swab & RWTP.  
Date First Report: 12/18/2008  
Last Casing String:  
Method of Production: Flowing

12/18/2008

SITP 160 psig. SICP 1221 psig. MIRU Triple J Services SWU. Bd tbg. RU & RIH w/swb tls. SN @ 8,523'. BFL @ 3,900' FS. S 0 BO, 82 BW. 10 runs, 4 hrs. KO well flwg. FFL @ 3,500' FS. FTP 675 psi, SICP 1,050' psig. RWTP @ 3:15pm, 12-18-2008. RDMO Triple J Services SWU.

===== Riverbend Unit 17-24E =====

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 013794</b>
2. Name of Operator <b>XTO Energy Inc.</b>		6. If Indian, Allottee or Tribe Name <b>N/A</b>
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: 703' FNL &amp; 546' FWL NWNW SEC 19-T10S-R20E SLB&amp;M</b> <b>BHL: 100' FNL &amp; 150' FEL NENE SEC 24-T10S-R19E</b>		8. Well Name and No. <b>RBU 17-24E</b>
		9. API Well No. <b>43-047-38549</b>
		10. Field and Pool, or Exploratory Area <b>NATURAL BUTTES</b>
		11. County or Parish, State <b>UINTAH UT</b>

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"/> Water Shut-Off
<input 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>CEMENT SOZ</b>
	<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	

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.)

XTO Energy Inc. intends to squeeze the Green River perfs in this well per the attached procedure.

**COPY SENT TO OPERATOR**

Date: 1.28.2009

Initials: KS

**RECEIVED**  
**JAN 14 2009**  
DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct Name (Printed/Typed) <b>LORRI D BINGHAM</b>	Title <b>SR. REGULATORY COMPLIANCE TECH</b>
Signature 	Date <b>1/12/09</b>

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

Approved by 	Title <b>Pet. Eng.</b>	Date <b>1/26/09</b>
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 <b>DOGm</b>	Federal Approval Of This Action Is Necessary

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.

**DOGm COPY**

**River Bend Unit 17-24E**  
**Sec 19, T 10 S, R 19 E**  
**Uintah County, Utah**  
**API: 43-047-38549**

**Green River Cement Squeeze Procedure (D&C AFE#717111)**

**Surf csg:** 9-5/8", 36#, J-55, ST&C csg @ 2,228'. Circ cmt to surf.  
**Prod csg:** 5-1/2", 17#, N-80, LT&C csg @ 8,875'. PBDT (FC) @ 8,826'. Marker jt @ 7,630'-53' & 4,402'-24'. Drift = 4.767". Capacity = 0.0232 bbls/ft. Burst = 7,740 psi, 80% = 6,192 psi). Did not circ cmt to surface. TOC @ 1,330'.  
**Tbg:** 257 jts 2-3/8" 4.6#, L-80 tbg. SN @ 8,524', EOT @ 8,526'.  
**Perfs:** **Wasatch Tongue (GR):** 4,490'-4,494'  
**Uteland Limestone (GR):** 4,662'-4,670'  
**Wasatch:** 5,629'-32', 5,642'-46', 5,995'-98', 6,004'-06', 6,072'-76', 6,118'-23', 6,147'-50', 6,157'-60', 6,417'-26', 6,436'-41', 7,000'-06', 7,045'-50', 7,655'-60', 7,689'-93', 7,774'-78'.  
**Mesaverde:** 7,838'-42', 8,254'-56', 8,261'-66', 8,397'-8,401'.

**Purpose:** This well was first delivered on 12/17/08. Within a couple of weeks of first being first delivered the tubing was plugged with thick oil from the Green River. The well is currently shut-in. The Green River formation (4,490'-4,494' and 4,662'-4,670') cannot be commingled with the Wasatch/Mesaverde production in the RBU; therefore, the Green River zones will be swab tested to obtain oil and water samples for testing and to determine production capability for future recompletion and then squeezed with cement.

1. MIRU PU. MI 300' of 2-3/8", 4.7#, L-80, EUE, 8rd tbg. MI 1 - 500 bbl frac tank. Fill the frac tank with 2% KCl water.
2. Kill well with KCl water if necessary. ND WH. NU BOP. TIH with tbg and tag fill. Report fill to Mike Logan. TOH with tbg.
3. TIH with 5-1/2" RBP, RBP release tool, and 5-1/2" packer on 2-3/8" tbg to ±4,530. Set RBP @ +/- 4,570' and Packer @ +/- 4,530' and pressure test casing and RBP to 1,000 psi. Swab test the following intervals below and send oil and water samples to Nalco for full analysis. For the oil analysis test for API gravity, pour point, melt point, cloud point, and other usual tests. For the water samples run full water analysis and determine scaling tendencies.

Interval	RBP Set Depth	PKR set Depth
4,490'-4,494'	+/- 4,570'	+/- 4,460'
4,662'-4,670'	+/- 4,750'	+/- 4,620'

4. Test injection rate through perfs before moving tools. After the intervals are tested, release the packer and dump 1 sack of sand above the RBP @ +/- 4,750'. TOH w/packer and RBP release tool
5. **CONTACT BLM & Utah DOGM PRIOR TO SQUEEZE OPERATIONS.**

6. TIH with cast iron cement retainer on 2-3/8" tubing and set retainer @ +/- 4,620'. Move retainer to closed position and pressure test tubing to 3000 psi. Open retainer, mix and pump 75 sks Class G containing 1% Calcium Chloride, 0.3% FL 200 fluid loss additive, 0.2% CD-20 cement dispersant @ 15.8 ppg, (1.15 cf/sk yield, volumes to be determined). Shut down displacement with 1/2 BBL cement left in tubing; sting out of retainer and dump remaining 1/2 BBL cement on top of retainer. Pull 1 jt tubing, pump additional 1 BBL to clear tubing. Pull tubing to +/- 4,500', mix and pump 75 sks of cement. Pull tbg above cement top and reverse circulate tubing clean. Close backside and squeeze cement into perforations. SWI. WOC 24 hrs prior to drill out. Use Superior cementing or Pro-Petrol service if possible.
7. TIH with 4-3/4" bit, bit sub, and 3-3/8" drill collars on 2-3/8" tubing. DO cement and PT squeezed holes to 750 psi. Circulated well clean to RBP @ 4,750'. TOH with BHA.
8. TIH with RBP release tool, and retrieve RBP @ 4,750'. TOH with RBP.
9. TIH with MS, SN on 2-3/8", 4.7#, L-80, EUE, 8rd tbg. Set EOT @ +/- 8,526'. Swab well until clean fluid is obtained and well kicks off. RWTP. RDMO PU.

**Regulatory:**

- Submit NOI to BLM and Utah DOGM on proposed squeeze on the Green River formation.
- Submit subsequent report to BLM and Utah DOGM.

**Equipment:**

- TBG: 300', 2-3/8" tubing, SN, bit & bit sub.
- Cast iron cement retainer
- 5-1/2" packer and RBP
- 1-500 bbls frac tank filled w/2% KCL water
- Superior cementing services. WOC 24 hrs prior to drill out.

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**  
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5. Lease Serial No.  
**U 013794**

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

7. If Unit or CA/Agreement, Name and/or No.  
**RIVERBEND UNIT**

8. Well Name and No.  
**RBU 17-24E**

9. API Well No.  
**43-047-38549**

10. Field and Pool, or Exploratory Area  
**NATURAL BUTTES**

11. County or Parish, State  
**UINTAH UT**

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

1. Type of Well  
 Oil Well  Gas Well  Other

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

3a. Address  
**382 CR 3100 Aztec, NM 87410**

3b. Phone No. (include area code)  
**505-333-3100**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
**SHL: 703' FNL & 546' FWL NWNW SEC 19-T10S-R20E SLB&M**  
**BHL: 100' FNL & 150' FEL NENE SEC 24-T10S-R19E**

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TYPE OF SUBMISSION	TYPE OF ACTION			
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<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>CEMENT SOZ</b>
	<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	

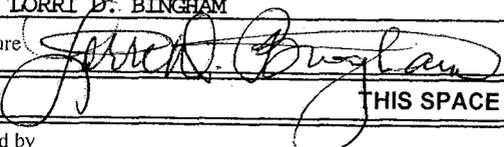
13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplate horizontally, give subsurface locations and measured and true vertical depths 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.)

**XTO Energy Inc. squeezed the Green River perms in this well per the attached morning report.**

**RECEIVED**  
**FEB 18 2009**

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

14. I hereby certify that the foregoing is true and correct  
Name (Printed/Typed) **LORRI D. BINGHAM**

Signature 

Title **SR. REGULATORY COMPLIANCE TECH**

Date **2/12/09**

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

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

Office \_\_\_\_\_

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**DOGM COPY**

EXECUTIVE SUMMARY REPORT

1/1/2008 - 2/12/2009  
Report run on 2/12/2009 at 12:51 PM

Riverbend Unit 17-24E

Objective: Isolate, swb, and squeeze two upper zones.  
Date First Report: 2/2/2009  
Method of Production: Flowing

- 2/2/2009 First rpt for wtr isolation/ GR sqz ops. MIRU. Bd tbg, and opn csg to the pit tk on a 32/64" ck. ND WH, NU BOP. Rmv and LD tbg hgr. TIH w/7 jts tbg, tgd @ 8,738' ( 88' of fill ). LD 1 jt tbg, TOH w/212 jts tbg. Left 51 jts tbg for kill strg in hole, EOT @ 1,606'. SWI & SDFN.
- 2/3/2009 ===== Riverbend Unit 17-24E =====  
Contrl well w/60 bbls of trtd 2% KCl wtr. TOH w/51 jts 2-3/8" tbg. TIH w/Weatherford RBP and pkr. Set plg @ 4,749', and pkr @ 4,718', tst tls to 1,000 psig, gd tst. Move and set pkr @ 4,639'. Isolate perfs fr/4,662' - 4,670'. RU swb tls. BFL @ 1,300' FS. S. 0 BO, 18 BLW, 4 runs, 2 hrs, FFL @ 4,700' FS. Well strtd to F., recd 20 bbls in 2 hrs. Contrl tbg w/10 bbls trtd 2% KCl wtr. Rls pkr & TIH, found 3' of fill on plg. Ppd 80 bbls dwn csg, unable to circ well. Ppd 20 bbls dwn tbg, fluffed fill and latched plg. Rls plg and move to 4,549', and pkr to 4,475'. Isolate perfs fr/4,490' - 4,494'. RU swb tls. BFL @ 2,100' FS. S. 0 BO, 9 BLW, 5 runs, 2.5 hrs, FFL 4,400' FS. Fld smpls showed cln wtr. RD swb tls & SWIFBU, SDFN.
- 2/4/2009 ===== Riverbend Unit 17-24E =====  
SITP 300 psig, SICP 0 psig. Bd tbg, RU swb tls. BFL @ 1,300' FS. S. 0 BO, 12 BLW, 3 runs, 1.5 hrs, FFL @ 3,500' FS. FTP 0 psig, SICP 300 psig. Fld smpls showed cln wtr w/a tr of oil. RD swb tls. Rls pkr, TIH, latch onto and rls RBP. TOH & LD plg and pkr. MIRU CHS WLU, RIH & set CBP @ 4,750'. POH & LD setting tls, RDMO WLU. TIH w/Weatherford 5-1/2" CICR, set ret @ 4,607'. Fill tbg and PT tbg to 2,000 psig, gd tst. EIR of 3 bpm @ 900 psig dwn tbg into perf @ 4,662' - 4,670'. Fill csg and EIR of 3 bpm @ 1,100 psig dwn csg into perfs @ 4,490' - 4,494'. SWI & SDFN.
- 2/5/2009 ===== Riverbend Unit 17-24E =====  
SITP 0 psig. SICP 0 psig. MIRU cmt crew. EIR of 3 BPM @ 780 psig. Sqz UL perfs fr/4662' - 4670' w/100 sx (20 bbls) class G cmt w/add (1% CACL2 accelerator, 0.3% fld loss & 0.2% cmt dispersant). Estb 2500 psig sqz w/80 sxs(16 bbls) in form & 20 sxs (4 bbls) remaining in pipe. Pld out of CICR @ 4607'. RC until cln. TOH w/6 jts tbg. EOT @ 4411'. EIR of 3 BPM @ 520 psig. Sqz WT perfs fr/4490' - 4494' w/100 sxs (20 bbls) class G cmt w/add (1% CACL2 accelerator, 0.3% fld loss & 0.2% cmt dispersant.) Estb 2500 psig sqz w/55 sx (11 bbls) in form & 45 sx (9 bbls) remaing in pipe. RC until cln. RDMO cmt crew. TOH w/133 jts 2-3/8" tbg. LD CICR stinger tl. Press sqz to 1000 psig. SWI & SDFN. Note: Jamie Sparger w/BLM was notified of cmt ops.
- 2/6/2009 ===== Riverbend Unit 17-24E =====  
SICP 0 psig. TIH w/4-3/4" rock tooth bit, bit sub & 133 jts tbg. Tgd TOC @ 4,414'. Estb circ w/rig pmp & DO 193' of cmt to CICR @ 4,607'. PT sqz perfs @ 4,490' - 4,494' to 750 psig, gd tst. DO cmt ret and 70' of cmt to 4,677'. PT sqz perfs @ 4,662' - 4,670' to 750 psig, gd tst. Circ well cln, TOH & LD 4 jts tbg. SWI & SDFWE.
- 2/9/2009 ===== Riverbend Unit 17-24E =====  
SITP 0 psig, SICP 0 psig. TIH w/BHA & 2-3/8" tbg, tgd @ 4,677'. CO 13' of cmt and fell thru. TIH tgd CBP @ 4,750', tstd csg to 750 psig, gd tst. CO CBP, TIH to 8,735', CO 89' of fill to PBTD @ 8,824'. Circ well cln w/AFU. LD 9 jts tbg, TOH w/tbg, LD 4-3/4" bit & BS. TIH w/2-3/8" clr, SN, and 129 jts of tbg. SWI & SDFN.  
===== Riverbend Unit 17-24E =====

EXECUTIVE SUMMARY REPORT

1/1/2008 - 2/12/2009  
Report run on 2/12/2009 at 12:51 PM

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2/10/2009 Opn csg to the pit tk on a 24/64" ck. Contrl tbg w/trtd 2% KCl wtr. TIH & Ld 257 jts of 2-3/8", 4.7#, L-80, 8rd tbg on hgr. EOT @ 8,525', SN @ 8,523'. RU swb tls. RIH w/ XTO's 1.90" tbg broach to SN @ 8,523' (no ti spts). POH & LD broach. ND BOP. NU WH. SITP 0 psig, SICP 1,000 psig. RIH w/swb tls. BFL 3,600' FS. S. 0 BO, 57 BLW, 16 runs, 6 hrs, FFL 4,400' FS. FTP 0 psig, SICP 1,150 psig. Fld smpls showed cln wtr. RD swb tls & SWIFPBU & SDFN. 120 BLWTR ttl.

2/11/2009 ===== Riverbend Unit 17-24E =====  
Bd tbg, RU & RIH w/swb tls. BFL @ 4,300' FS. S. 0 BO, 63 BLW, 18 runs, 6 hrs, FFL @ 3,500' FS, FTP 50 psig, SICP 1,250 psig. Fld smpls showed cln wtr. KO well, RD swb tls & SDFN. RDMO TWS #2. 57 BLWTR. WA/CW/UB/MV perfs fr/5,629' - 8,740'. Final rpt for wtr isolation /GR sqz.

**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>UTU-013794</b>
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: <b>N/A</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.		7. UNIT or CA AGREEMENT NAME: <b>N/A</b>
		8. WELL NAME and NUMBER: <b>RBU 17-24E</b>
1. TYPE OF WELL <b>OIL WELL</b> <input type="checkbox"/> <b>GAS WELL</b> <input checked="" type="checkbox"/> <b>OTHER</b> _____	2. NAME OF OPERATOR: <b>XTO ENERGY INC.</b>	9. API NUMBER: <b>4304738549</b>
3. ADDRESS OF OPERATOR: <b>382 CR 3100</b> CITY <b>AZTEC</b> STATE <b>NM</b> ZIP <b>87410</b>	PHONE NUMBER: <b>(505) 333-3100</b>	10. FIELD AND POOL, OR WILDCAT: <b>NATURAL BUTTES</b>
4. LOCATION OF WELL FOOTAGES AT SURFACE: <b>703' FNL x 546' FWL</b>		COUNTY: <b>UINTAH</b>
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: <b>NWNW 19 10S 20E S</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
Approximate date work will start:  _____	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only)  Date of work completion: <b>1/31/2009</b>	<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>January 08</b>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	<b>MONTHLY REPORT</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 1/1/2009 thru 1/31/2009

NAME (PLEASE PRINT) <b>EDEN FINE</b>	TITLE <b>REGULATORY CLERK</b>
SIGNATURE	DATE <b>2/6/2009</b>

(This space for State use only)

**RECEIVED**  
**FEB 10 2009**  
**DIV. OF OIL, GAS & MINING**

**EXECUTIVE SUMMARY REPORT**

1/1/2009 - 1/31/2009  
Report run on 2/4/2009 at 4:03 PM

---

**Riverbend Unit 17-24E**

Section 19-10S-20E, Uintah, Utah, Roosevelt  
Objective: Swab & RWTP.  
Date First Report: 1/5/2009  
Method of Production: Flowing

1/5/2009

SITP 0 psig, SICP 1100 psig. MIRU D&S Swabbing SWU. Bd tbg. RU & RIH w/swb  
tls. SN @ 8,523'. BFL @ 3,300' FS. S 0 BO, 10 BW. 6 runs, 7 hrs. Could  
not KO. SWI, RDMO D&S Swabbing SWU, 1-05-09.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

5. Lease Serial No.  
**U-013794**

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

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

7. Unit or CA Agreement Name and No.  
**RIVERBEND UNIT**

8. Lease Name and Well No.  
**RBU #17-24E**

9. API Well No.  
**43-047-38549**

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

3. Address  
**382 CR 3100 Aztec, NM 87410**

3a. Phone No. (include area code)  
**505-333-3100**

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

At surface **703' FNL & 546' FWL**

At top prod. interval reported below

At total depth **153' FNL & 185' FEL**

**RECEIVED  
FEB 17 2009**

10. Field and Pool, or Exploratory  
**NATURAL BUTTES WESTCH MV**

11. Sec., T., R., M., or Block and Survey or Area  
**NWNW SEC 19-T10S-R20E**

12. County or Parish **UINTAH** 13. State **UT**

14. Date Spudded  
**7/30/08**

15. Date T.D. Reached  
**8/13/08**

16. Date Completed  
**12/17/08**

D & A  Ready to Prod.

17. Elevations (DF, RKB, RT, GL)\*  
**5133'**

18. Total Depth: MD **8904'**  
TVD **8789'**

19. Plug Back T.D.: MD **8826'**  
TVD **8711'**

20. Depth Bridge Plug Set: MD  
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)  
**GR/CNL/CBL, PEX, TDL, TC, HRL, CP**

22. Was well cored?  No  Yes (Submit analysis)  
Was DST run  No  Yes (Submit report)  
Directional Survey?  No  Yes (Submit copy)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt.(#ft.)	Top (MD)	Bottom (MD)	Stage Cement Depth	No. of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
20"	14"/J55	133#	SURF	40'		125 REDIMIX		0	
12-1/4"	9-5/8"	36#	SURF	2228'		550 G		0	
7-7/8"	5-1/2"	17#	SURF	8874'		875 G		630'	

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2-3/8"	8526'							

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) WASATCH-MESAVERDE	4490'	8740'		0.36"	205	
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
4490' - 8740'	A. w/8,450 gals 7-1/2% NEFE HCl acid. Frac'd w/191,707 gallons wtr, 60-70Q N2 foam gelled fld (Delta-R Foam Frac), 2% KCl wtr carrying 209,300# BASF 20/40 sd & 214,900# BASF 20/40 coated w/Expedite Lite.

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
12/17/08	10/12/08	24	→	0	2750	204			FLOWING
Choke Size	Tbg. Press. Flwg. SI	Csg. Press. SI	24 Hr.	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	
24/64"	800	1000	→	0	2750	204		PRODUCING	

28a. Production-Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press. SI	24 Hr.	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	
			→						

See instructions and spaces for additional data on page 2)

**DOGM COPY**

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. →	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	

28c. Production-Interval D

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. →	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	

29. Disposition of Gas (Sold, used for fuel, vented, etc.)

TO BE SOLD

30. Summary of Porous Zones (Include Aquifers):

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

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
				GREEN RIVER	1239'
				MAHOGENY BENCH	2088'
				WASATCH TONGUE	4249'
				UTELAND LS	4605'
				WASATCH	4776'
				CHAPITA WELLS	5650'
				UTELAND BUTTE	6899'
				MESAVERDE	7804'

32. Additional remarks (include plugging procedure):

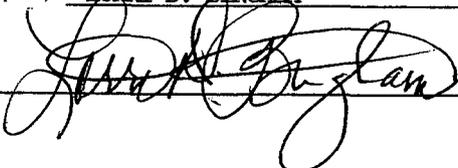
33. Indicate which items have been attached by placing a check in the appropriate boxes:

- Electrical/Mechanical Logs (1 full set req'd)    
  Geologic Report    
  DST Report    
  Directional Survey  
 Sundry Notice for plugging and cement verification    
  Core Analysis    
  Other:

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)\*

Name (please print) LORRI D. BINGHAM

Title SR. REGULATORY COMPLIANCE TECH

Signature 

Date 2/9/09

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

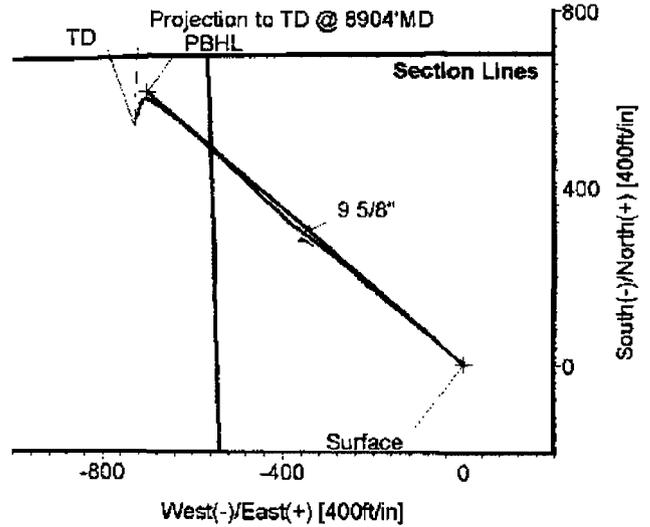
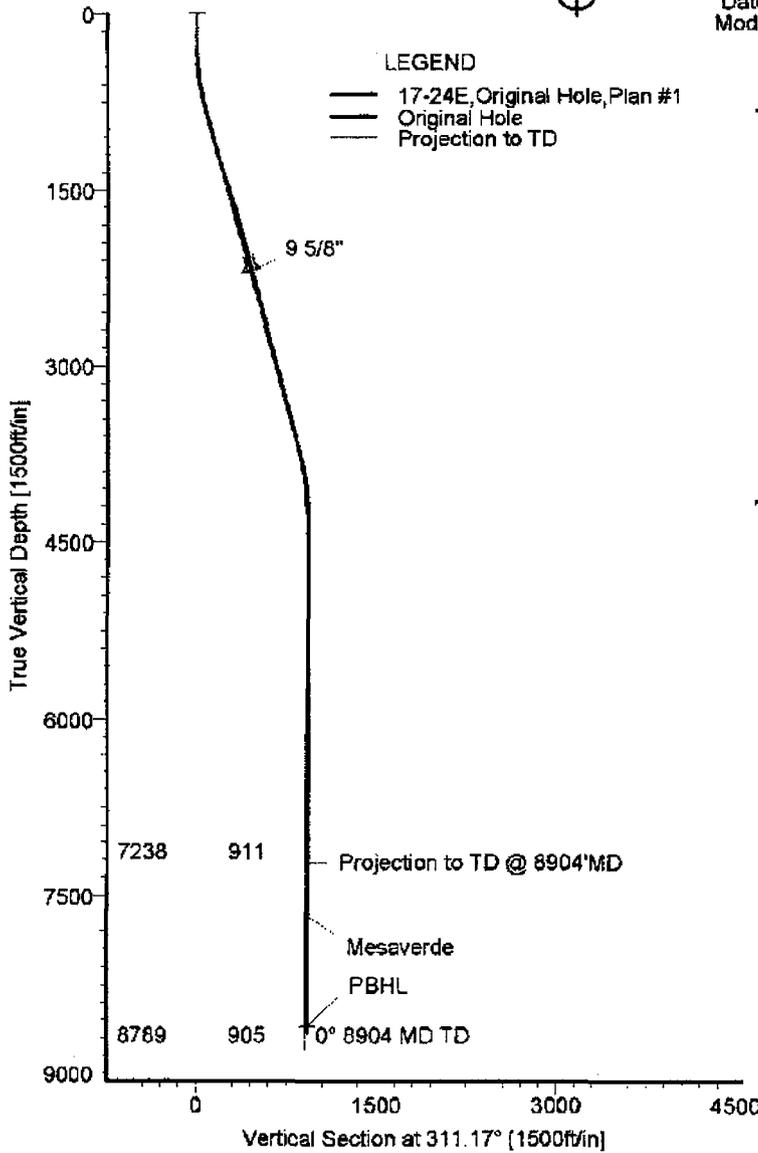
**XTO Energy, Inc.**

Field: Uintah County, UT  
 Site: RBU 17-24E  
 Well: 17-24E  
 Wellpath: Original Hole  
 Plan: Projection to TD



Azimuths to True North  
 Magnetic North: 11.51°

Magnetic Field  
 Strength: 52614nT  
 Dip Angle: 65.85°  
 Date: 8/3/2008  
 Model: igrf2005



**FORMATION TOP DETAILS**

No.	TVDPath	MDPath	Formation
1	7650.00	7764.96	Mesaverde

**CASING DETAILS**

No.	TVD	MD	Name	Size
1	2200.00	2259.00	9 5/8"	9.625

**ANNOTATIONS**

No.	TVD	MD	Annotation
1	7238.05	7353.00	Projection to TD @ 8904'MD

**TARGET DETAILS**

Name	TVD	+N-S	+E-W	Northing	Easting	Latitude	Longitude	Shape
Surface	0.00	0.00	0.00	7151193.90	2139556.53	39°56'17.509N	109°43'10.989W	Point
PBHL	8600.00	614.00	-702.10	7151793.80	2138842.35	39°56'23.578N	109°43'20.003W	Point

**SECTION DETAILS**

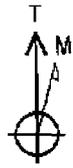
Sec	MD	Inc	Azi	TVD	+N-S	+E-W	DLeg	TFace	VSec	Target
1	7353.00	0.40	187.60	7238.05	549.69	-729.65	0.00	0.00	911.11	
2	8904.00	0.40	187.60	8789.01	538.96	-731.08	0.00	0.00	905.12	

STRATA DIRECTIONAL TECHNOLOGY, LLC.  
 911 Regional Park Drive Houston, Texas 77060  
 Phone: 713-934-9600 Fax: 713-934-9067

Plan: Projection to TD (17-24E/Original Hole)  
 Created By: David Vogler Date: 2/6/2009  
 Checked: \_\_\_\_\_ Date: \_\_\_\_\_

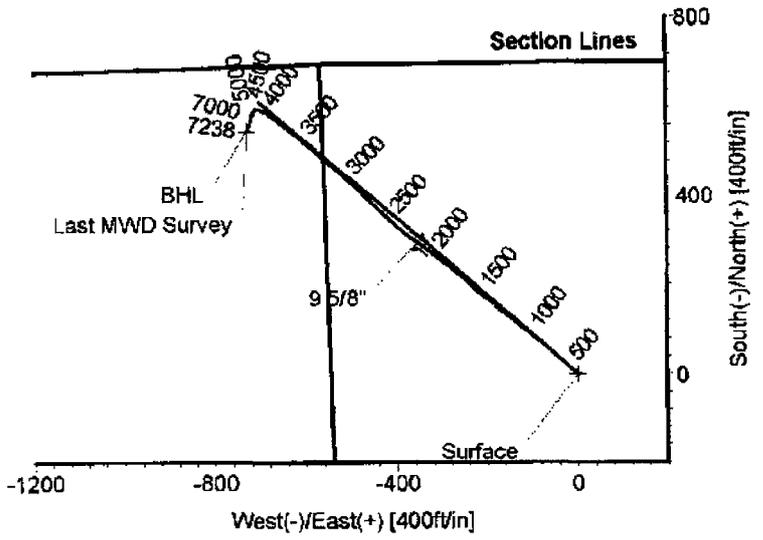
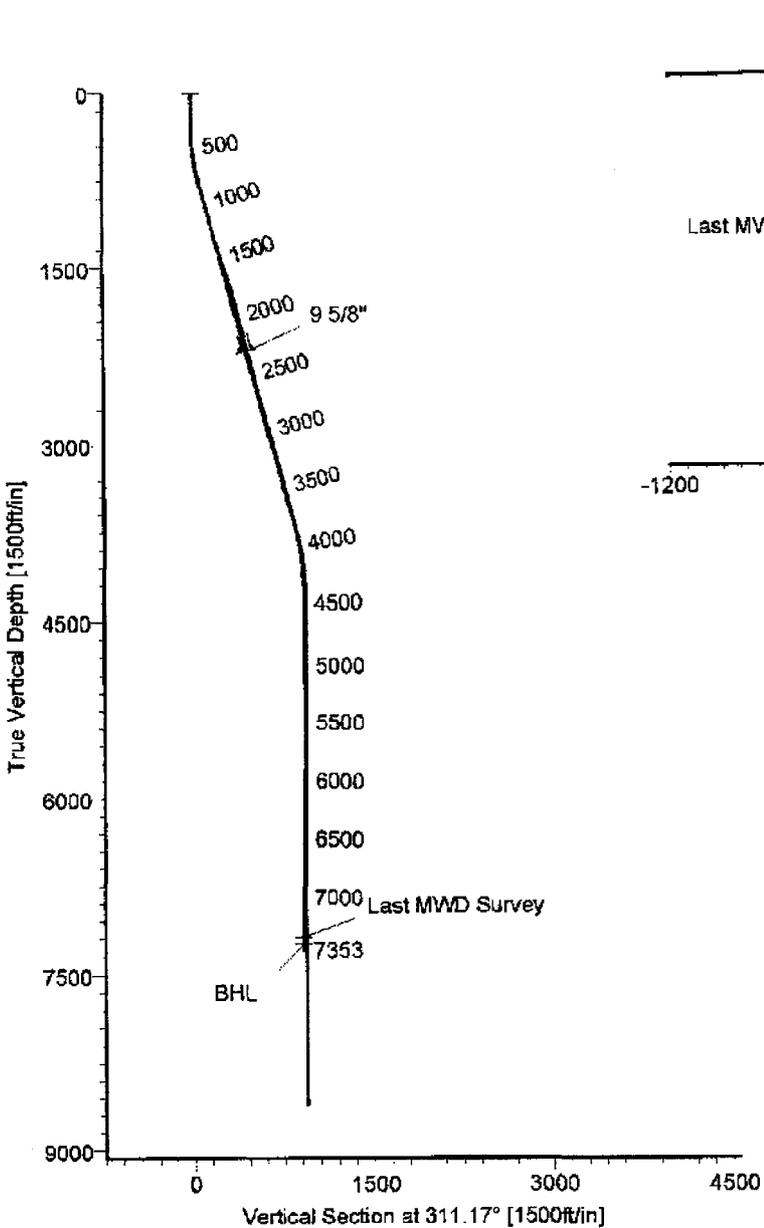
**XTO Energy, Inc.**

Field: Uintah County, UT  
 Site: RBU 17-24E  
 Well: 17-24E  
 Wellpath: Original Hole



Azimuths to True North  
 Magnetic North: 11.51°

Magnetic Field  
 Strength: 52614nT  
 Dip Angle: 65.85°  
 Date: 8/3/2008  
 Model: igrf2005



**LEGEND**

- 17-24E, Original Hole, Plan #1
- Original Hole

**ANNOTATIONS**

No.	TVD	MD	Annotation
1	7188.05	7303.00	Last MWD Survey
2	7238.05	7353.00	BHL

**TARGET DETAILS**

Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Shape
Surface	0.00	0.00	0.00	7151193.90	2139556.53	39°56'17.509N	109°43'10.989W	Point
Last MWD Survey	7188.05	550.03	-729.60	7151729.30	2138816.12	39°56'22.946N	109°43'20.356W	Point
BHL	7238.05	549.69	-729.65	7151728.96	2138816.08	39°56'22.942N	109°43'20.357W	Point



STRATA DIRECTIONAL TECHNOLOGY, LLC.  
 911 Regional Park Drive Houston, Texas 77060  
 Phone: 713-934-9600 Fax: 713-934-9067

Wellpath: (17-24E)Original Hole)  
 Created By: David Vogler Date: 8/13/2008  
 Checked: \_\_\_\_\_ Date: \_\_\_\_\_

# Strata Directional Technology, LLC.

## Survey Report

<b>Company:</b> XTO Energy, Inc.	<b>Date:</b> 8/13/2008	<b>Time:</b> 08:48:26	<b>Page:</b> 1
<b>Field:</b> Uintah County, UT	<b>Co-ordinate(NE) Reference:</b> Well: 17-24E, True North		
<b>Site:</b> RBU 17-24E	<b>Vertical (TVD) Reference:</b> 5133'GL+14'KB 5147.0		
<b>Well:</b> 17-24E	<b>Section (VS) Reference:</b> Well (0.00N,0.00E,311.17Azi)		
<b>Wellpath:</b> Original Hole	<b>Survey Calculation Method:</b> Minimum Curvature	<b>Db:</b> Adapt	

**Field:** Uintah County, UT

<b>Map System:</b> US State Plane Coordinate System 1983	<b>Map Zone:</b> Utah, Central Zone
<b>Geo Datum:</b> GRS 1980	<b>Coordinate System:</b> Well Centre
<b>Sys Datum:</b> Mean Sea Level	<b>Geomagnetic Model:</b> igrf2005

**Site:** RBU 17-24E

<b>Site Position:</b>	<b>Northing:</b> 7151193.90 ft	<b>Latitude:</b> 39 56 17.509 N
<b>From:</b> Map	<b>Easting:</b> 2139556.53 ft	<b>Longitude:</b> 109 43 10.989 W
<b>Position Uncertainty:</b> 0.00 ft		<b>North Reference:</b> True
<b>Ground Level:</b> 5133.00 ft		<b>Grid Convergence:</b> 1.14 deg

**Well:** 17-24E

<b>Well Position:</b>	<b>Slot Name:</b>	
<b>+N-S</b> 0.00 ft	<b>Northing:</b> 7151193.90 ft	<b>Latitude:</b> 39 56 17.509 N
<b>+E-W</b> 0.00 ft	<b>Easting:</b> 2139556.53 ft	<b>Longitude:</b> 109 43 10.989 W
<b>Position Uncertainty:</b> 0.00 ft		

**Wellpath:** Original Hole

<b>Current Datum:</b> 5133'GL+14'KB	<b>Height:</b> 5147.00 ft	<b>Drilled From:</b> Surface
<b>Magnetic Data:</b> 8/3/2008		<b>Tie-on Depth:</b> 0.00 ft
<b>Field Strength:</b> 52614 nT		<b>Above System Datum:</b> Mean Sea Level
<b>Vertical Section:</b> Depth From (TVD)	<b>+N-S</b>	<b>Declination:</b> 11.51 deg
ft	ft	<b>Mag Dip Angle:</b> 65.85 deg
0.00	0.00	<b>+E-W</b>
		ft
		<b>Direction</b>
		deg
		0.00
		311.17

**Survey:** Survey #1

<b>Company:</b> Oilwell Guidance	<b>Engineer:</b>
<b>Tool:</b> MWD;Std MWD	<b>Tied-to:</b> From Surface
<b>Start Date:</b> 8/8/2008	

**Survey:** Survey #1

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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	MWD
245.00	1.60	310.30	244.97	2.21	-2.61	3.42	0.65	0.65	0.00	MWD
307.00	1.90	298.00	306.94	3.25	-4.18	5.29	0.77	0.48	-19.84	MWD
398.00	3.70	311.00	397.83	5.89	-7.72	9.69	2.09	1.98	14.29	MWD
459.00	4.80	312.80	458.66	8.92	-11.08	14.21	1.82	1.80	2.95	MWD
520.00	6.30	312.10	519.37	12.89	-15.44	20.11	2.48	2.46	-1.15	MWD
582.00	8.30	313.50	580.87	18.25	-21.21	27.98	3.24	3.23	2.26	MWD
643.00	9.70	313.50	641.11	24.82	-28.13	37.52	2.30	2.30	0.00	MWD
704.00	11.60	313.20	701.06	32.56	-36.33	48.78	3.12	3.11	-0.49	MWD
765.00	12.80	311.70	760.68	41.25	-45.85	61.67	2.03	1.97	-2.46	MWD
826.00	14.10	311.00	820.01	50.62	-56.50	75.86	2.15	2.13	-1.15	MWD
888.00	15.10	308.90	880.00	60.65	-68.48	91.48	1.82	1.61	-3.39	MWD
949.00	15.10	306.80	938.90	70.40	-81.03	107.34	0.90	0.00	-3.44	MWD
1010.00	15.10	306.80	997.79	79.92	-93.75	123.18	0.00	0.00	0.00	MWD
1070.00	14.80	310.30	1056.79	89.49	-105.78	138.54	1.71	-0.83	5.83	MWD
1134.00	13.90	311.00	1117.82	99.75	-117.73	154.29	1.13	-1.09	1.09	MWD
1197.00	14.80	308.90	1178.85	109.77	-129.71	169.90	1.65	1.43	-3.33	MWD
1261.00	14.80	308.90	1240.73	120.03	-142.43	186.23	0.00	0.00	0.00	MWD
1292.00	16.00	308.20	1270.62	125.16	-148.87	194.46	3.92	3.87	-2.26	MWD
1356.00	17.10	310.70	1331.97	136.75	-162.94	212.68	2.05	1.72	3.91	MWD
1419.00	18.10	311.00	1392.02	149.22	-177.34	231.72	1.59	1.59	0.48	MWD
1483.00	19.00	308.90	1452.69	162.28	-192.96	252.08	1.75	1.41	-3.29	MWD
1546.00	18.70	308.60	1512.31	175.02	-208.83	272.41	0.50	-0.48	-0.48	MWD
1610.00	17.80	310.70	1573.09	187.80	-224.26	292.45	1.74	-1.41	3.28	MWD

# Strata Directional Technology, LLC.

## Survey Report

<b>Company:</b> XTO Energy, Inc.	<b>Date:</b> 8/13/2008	<b>Time:</b> 08:48:26	<b>Page:</b> 2
<b>Field:</b> Uintah County, UT	<b>Co-ordinate(N/E) Reference:</b> Well: 17-24E, True North		
<b>Site:</b> RBU 17-24E	<b>Vertical (TVD) Reference:</b> 5133'GL+14'KB 5147.0		
<b>Well:</b> 17-24E	<b>Section (VS) Reference:</b> Well (0.00N,0.00E,311.17Azi)		
<b>Wellpath:</b> Original Hole	<b>Survey Calculation Method:</b> Minimum Curvature	<b>Db:</b> Adapti	

Survey: Survey #1

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
1674.00	17.40	313.20	1634.10	200.73	-238.66	311.79	1.34	-0.62	3.91	MWD
1737.00	15.80	312.40	1694.47	212.96	-251.86	329.78	2.57	-2.54	-1.27	MWD
1802.00	14.30	309.30	1757.24	224.02	-264.61	346.65	2.62	-2.31	-4.77	MWD
1865.00	14.30	307.90	1818.29	233.72	-276.77	362.20	0.55	0.00	-2.22	MWD
1928.00	14.60	307.90	1879.30	243.38	-289.17	377.89	0.48	0.48	0.00	MWD
1992.00	14.40	307.20	1941.26	253.15	-301.87	393.88	0.42	-0.31	-1.09	MWD
2087.00	14.80	309.30	2033.19	267.97	-320.67	417.80	0.70	0.42	2.21	MWD
2151.00	13.90	308.20	2095.19	277.91	-333.04	433.64	1.47	-1.41	-1.72	MWD
2259.00	14.03	306.37	2200.00	293.69	-353.77	459.64	0.43	0.12	-1.70	9 5/8"
2317.00	14.10	305.40	2256.26	301.95	-365.19	473.67	0.43	0.13	-1.67	MWD
2376.00	14.30	308.20	2313.46	310.82	-376.78	488.10	1.21	0.34	4.75	MWD
2440.00	14.30	313.20	2375.48	320.92	-388.75	503.89	1.93	0.00	7.81	MWD
2504.00	13.90	314.20	2437.55	331.89	-400.02	519.47	0.73	-0.62	1.56	MWD
2567.00	15.50	313.50	2498.49	342.76	-411.55	535.44	2.56	2.54	-1.11	MWD
2662.00	14.30	310.70	2590.29	359.15	-429.66	559.85	1.47	-1.26	-2.95	MWD
2726.00	14.10	312.40	2652.34	369.56	-441.41	575.55	0.72	-0.31	2.86	MWD
2789.00	15.10	317.40	2713.31	380.77	-452.63	591.38	2.55	1.59	7.94	MWD
2853.00	15.10	317.30	2775.10	393.04	-463.92	607.96	0.04	0.00	-0.16	MWD
2916.00	15.00	316.30	2835.94	404.96	-475.12	624.24	0.44	-0.16	-1.59	MWD
2979.00	14.30	314.90	2896.89	416.35	-486.27	640.12	1.25	-1.11	-2.22	MWD
3043.00	15.10	315.30	2958.79	427.85	-497.73	656.32	1.26	1.25	0.62	MWD
3107.00	14.80	314.60	3020.63	439.52	-509.41	672.80	0.55	-0.47	-1.09	MWD
3169.00	14.40	313.50	3080.62	450.38	-520.64	688.41	0.78	-0.65	-1.77	MWD
3286.00	14.30	311.70	3174.60	466.66	-538.34	712.44	0.47	-0.10	-1.86	MWD
3329.00	14.80	310.00	3235.58	477.00	-550.31	728.26	1.04	0.79	-2.70	MWD
3393.00	15.80	313.90	3297.31	488.30	-562.85	745.14	2.24	1.56	6.09	MWD
3456.00	15.00	313.50	3358.05	499.86	-574.94	761.85	1.28	-1.27	-0.63	MWD
3552.00	13.20	310.30	3451.15	515.50	-592.32	785.23	2.04	-1.87	-3.33	MWD
3615.00	13.90	311.00	3512.40	525.12	-603.51	798.99	1.14	1.11	1.11	MWD
3679.00	15.00	311.00	3574.37	535.60	-615.57	815.96	1.72	1.72	0.00	MWD
3742.00	14.60	309.80	3635.28	546.01	-627.84	832.05	0.65	-0.63	-2.22	MWD
3805.00	13.90	307.50	3696.34	555.68	-639.96	847.53	1.38	-1.11	-3.33	MWD
3900.00	10.90	308.60	3789.12	568.23	-656.04	867.90	3.17	-3.16	1.16	MWD
3963.00	9.30	306.50	3851.14	574.97	-664.78	878.92	2.61	-2.54	-3.33	MWD
4027.00	8.10	307.20	3914.40	580.78	-672.53	888.58	1.88	-1.87	1.09	MWD
4089.00	6.90	307.20	3975.87	586.67	-678.98	896.65	1.94	-1.94	0.00	MWD
4151.00	5.10	301.20	4037.53	589.35	-684.30	903.08	3.07	-2.90	-9.68	MWD
4213.00	4.00	296.30	4099.33	591.73	-688.60	907.88	1.88	-1.77	-7.90	MWD
4243.75	4.30	295.88	4130.00	592.71	-690.60	910.03	0.97	0.97	-1.38	Wasatch Tongue
4275.00	4.80	295.50	4161.16	593.76	-692.78	912.37	0.97	0.97	-1.20	MWD
4336.00	5.30	294.20	4221.93	595.97	-697.56	917.42	1.16	1.15	-2.13	MWD
4398.00	2.50	296.30	4283.78	597.74	-701.38	921.46	4.52	-4.52	3.39	MWD
4460.00	1.20	303.30	4345.75	598.70	-703.14	923.41	2.12	-2.10	11.29	MWD
4599.00	1.10	285.40	4484.72	599.85	-705.64	926.06	0.27	-0.07	-12.88	MWD
4599.28	1.10	285.40	4485.00	599.85	-705.65	926.06	0.00	0.00	0.00	Uteland Limestone
4759.30	0.76	258.05	4645.00	600.04	-708.16	928.08	0.34	-0.21	-17.09	Wasatch
4863.00	0.70	230.20	4748.69	599.49	-709.32	928.59	0.34	-0.06	-26.85	MWD
5180.00	0.90	221.40	5065.66	596.39	-712.46	928.91	0.07	0.06	-2.78	MWD
5558.00	1.20	206.30	5443.60	590.61	-716.17	927.90	0.11	0.08	-3.99	MWD
5664.43	1.27	202.61	5550.00	588.52	-717.12	927.24	0.10	0.07	-3.47	Chapita Wells
6100.00	1.60	191.20	5965.44	578.10	-720.16	922.67	0.10	0.06	-2.62	MWD
6480.00	1.60	196.40	6365.29	567.81	-722.69	917.79	0.04	0.00	1.37	MWD
6639.00	1.60	213.70	6524.23	563.83	-724.55	916.58	0.30	0.00	10.88	MWD

# Strata Directional Technology, LLC.

## Survey Report

Company: XTO Energy, Inc.	Date: 8/13/2008	Time: 08:48:26	Page: 3
Field: Uintah County, UT	Co-ordinate(NE) Reference: Well: 17-24E, True North	Vertical (TVD) Reference: 5133'GL+14'KB 5147.0	
Site: RBU 17-24E	Section (VS) Reference: Well (0.00N,0.00E,311.17Azi)	Survey Calculation Method: Minimum Curvature	
Well: 17-24E	Db: Adapti		
Wellpath: Original Hole			

**Survey: Survey #1**

MD ft	Incl deg	Azin deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	Tool/Comment
6894.87	1.59	198.76	6780.00	557.50	-727.67	914.76	0.16	0.00	-5.84	Uteland Buttes
6953.00	1.60	195.40	6838.11	555.96	-728.14	914.10	0.16	0.02	-5.78	MWD
7303.00	0.40	187.60	7188.05	550.03	-729.60	911.30	0.34	-0.34	-2.23	Last MWD Survey
7353.00	0.40	187.60	7238.05	549.69	-729.65	911.11	0.00	0.00	0.00	BHL

**Targets**

Name	Description Dip.	Dir.	TVD ft	+N/-S ft	+E/-W ft	Map Northing ft	Map Easting ft	Latitude Deg Min Sec			Longitude Deg Min Sec				
Surface			0.00	0.00	0.00	7151193.90	2139556.53	39	56	17.509	N	109	43	10.989	W
Last MWD Survey			7188.05	550.03	-729.60	7151729.30	2138816.12	39	56	22.946	N	109	43	20.356	W
BHL			7238.05	549.69	-729.65	7151728.96	2138816.08	39	56	22.942	N	109	43	20.357	W

**Casing Points**

MD ft	TVD ft	Diameter in	Hole Size in	Name
2259.00	2200.00	9.625	12.250	9 5/8"
	8600.00	5.500	6.000	5 1/2"

**Formations**

MD ft	TVD ft	Formations	Lithology	Dip Angle deg	Dip Direction deg
4243.75	4130.00	Wasatch Tongue		0.00	0.00
4599.28	4485.00	Uteland Limestone		0.00	0.00
4759.30	4645.00	Wasatch		0.00	0.00
5664.43	5550.00	Chapita Wells		0.00	0.00
6894.87	6780.00	Uteland Buttes		0.00	0.00
	0.00	Mesaverde		0.00	0.00

**Annotation**

MD ft	TVD ft	
7303.00	7188.05	Last MWD Survey
7353.00	7238.05	BHL

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

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)

703' FNL & 546' FWL, NW/NW, SEC 19, 10S, 20E

5. Lease Serial No.

U-013792

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.

RBU 17-24E

9. API Well No.

43-047-38549

10. Field and Pool, or Exploratory Area

Natural Buttes

11. County or Parish, State

Uintah County, Utah

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>Interm 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.)

Reserve pit reclaimed & reseeded on 4/23/2009

RECEIVED

MAY 27 2009

DIV. OF OIL, GAS & MINING

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

Name (Printed/Typed)

Heather Meek

Title Regulatory Compliance Technician

Signature

*Heather Meek*

Date

5/27/2009

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date

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

Office

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

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	<b>FORM 9</b>  <b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> U-013794
<b>SUNDRY NOTICES AND REPORTS ON WELLS</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.	<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>  <b>7. UNIT or CA AGREEMENT NAME:</b> RIVER BEND
<b>1. TYPE OF WELL</b> Gas Well	<b>8. WELL NAME and NUMBER:</b> RBU 17-24E
<b>2. NAME OF OPERATOR:</b> XTO ENERGY INC	<b>9. API NUMBER:</b> 43047385490000
<b>3. ADDRESS OF OPERATOR:</b> 382 Road 3100 , Aztec, NM, 87410	<b>PHONE NUMBER:</b> 505 333-3159 Ext
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0703 FNL 0546 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NWNW Section: 19 Township: 10.0S Range: 20.0E Meridian: S	<b>9. FIELD and POOL or WILDCAT:</b> NATURAL BUTTES  <b>COUNTY:</b> UINTAH  <b>STATE:</b> 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 Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 9/18/2009	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input checked="" type="checkbox"/> OTHER	OTHER: PWOPL

**12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.**  
 XTO Energy Inc. has put this well on a plunger lift. Please see the attached Executive Summary Report.

Accepted by the  
 Utah Division of  
 Oil, Gas and Mining  
**FOR RECORD ONLY**  
 October 06, 2009

<b>NAME (PLEASE PRINT)</b> Barbara Nicol	<b>PHONE NUMBER</b> 505 333-3642	<b>TITLE</b> Regulatory Clerk
<b>SIGNATURE</b> N/A	<b>DATE</b> 10/2/2009	

**EXECUTIVE SUMMARY REPORT**

9/10/2009 - 10/1/2009  
Report run on 10/1/2009 at 4:44 PM

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**Riverbend Unit 17-24E**

Section 19-10S-20E, Uintah, Utah, Roosevelt  
Objective: PWOPL  
Date First Report: 9/18/2009

9/18/2009

MIRU Production Logging Services SLU. RU & RIH w/1.625" BB tgd fill @ 8,807'. POH & Ld BB. RU & RIH w/1.908" tbg broach to SN @ 8,525'. No tight spots. Chase BHBS w/out SV to SN. POH & Ld tbg broach. RDMO Production Logging Services SLU. Drpd New PCS sand plngr. RWTP @ 4:00p.m., 9/18/09. Final rpt.

===== Riverbend Unit 17-24E =====