

October 9, 2007

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

RE: Application for Permit to Drill—XTO Energy, Inc.  
**RBU 5-17E—**

*Surface Location: 2,456' FNL & 1,763' FWL, SE/4 NW/4,  
Target Location: 1,980' FNL & 660' FWL, SW/4 NW/4,  
Section 17, T10S, R19E, SLB&M, Uintah County, Utah*

Dear Fluid Minerals Group:

On behalf of XTO Energy, Inc. 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 well. The location of the surface and target location as well as all points along the intended well bore path are within Cause No. 259-01 and 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" - Directional Drilling Plan with Directional Drilling Report;
- Exhibit "E" - Surface Use Plan with APD Certification;
- Exhibit "F" - Typical BOP and Choke Manifold diagram;
- Exhibit "G" - Cultural and Paleontological Clearance Reports.

Please accept this letter as XTO Energy, Inc.'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 Ken Secret of XTO Energy, Inc. at 435-722-4521 if you have any questions or need additional information.

Sincerely,

*Don Hamilton*

Don Hamilton  
Agent for XTO Energy, Inc.

cc: Diana Mason, Division of Oil, Gas and Mining  
Ken Secret, XTO Energy, Inc.

RECEIVED

OCT 16 2007

DIV. OF OIL, GAS & MINING

FILE COPY

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-03505</b>	
6. If Indian, Allottee or Tribe Name N/A	
7. If Unit or CA Agreement, Name and No. <b>River Bend Unit</b>	
8. Lease Name and Well No. <b>RBU 5-17E</b>	
9. API Well No. <b>43-047-39699</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 type="checkbox"/> Single Zone <input checked="" type="checkbox"/> Multiple Zone	11. Sec., T. R. M. or Blk. and Survey or Area <b>Section 17, T10S, R19E, SLB&amp;M</b>
2. Name of Operator <b>XTO Energy, Inc.</b>	12. County or Parish <b>Uintah</b>
3a. Address <b>PO Box 1360; 978 North Crescent Roosevelt, UT 84066</b>	13. State <b>UT</b>
3b. Phone No. (include area code) <b>435-722-4521</b>	
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface <b>2,456' FNL &amp; 1,763' FWL, SE/4 NW/4,</b> At proposed prod. zone <b>1,980' FNL &amp; 660' FWL, SW/4 NW/4,</b>	
14. Distance in miles and direction from nearest town or post office* <b>12.00 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>875'</b>	16. No. of acres in lease <b>1057.35 acres</b>
17. Spacing Unit dedicated to this well <b>40 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>9,730' MD (9,498' TVD)</b>
20. BLM/BIA Bond No. on file <b>UTB-000138</b>	
21. Elevations (Show whether DF, KDB, RT, GL, etc.) <b>4,981' GR</b>	22. Approximate date work will start* <b>01/01/2008</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>10/09/2007</b>
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Title **Agent for XTO Energy, Inc.**

Approved by <b>Bradley Hill</b>	Name (Printed/Typed) <b>BRADLEY G. HILL</b>	Date <b>10-18-07</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)

Surf

601891X  
44223204  
39.946764  
-109.807303

BHL

601562X  
44224144  
39.947652  
-109.811139

**Federal Approval of this Action is Necessary**

**RECEIVED**

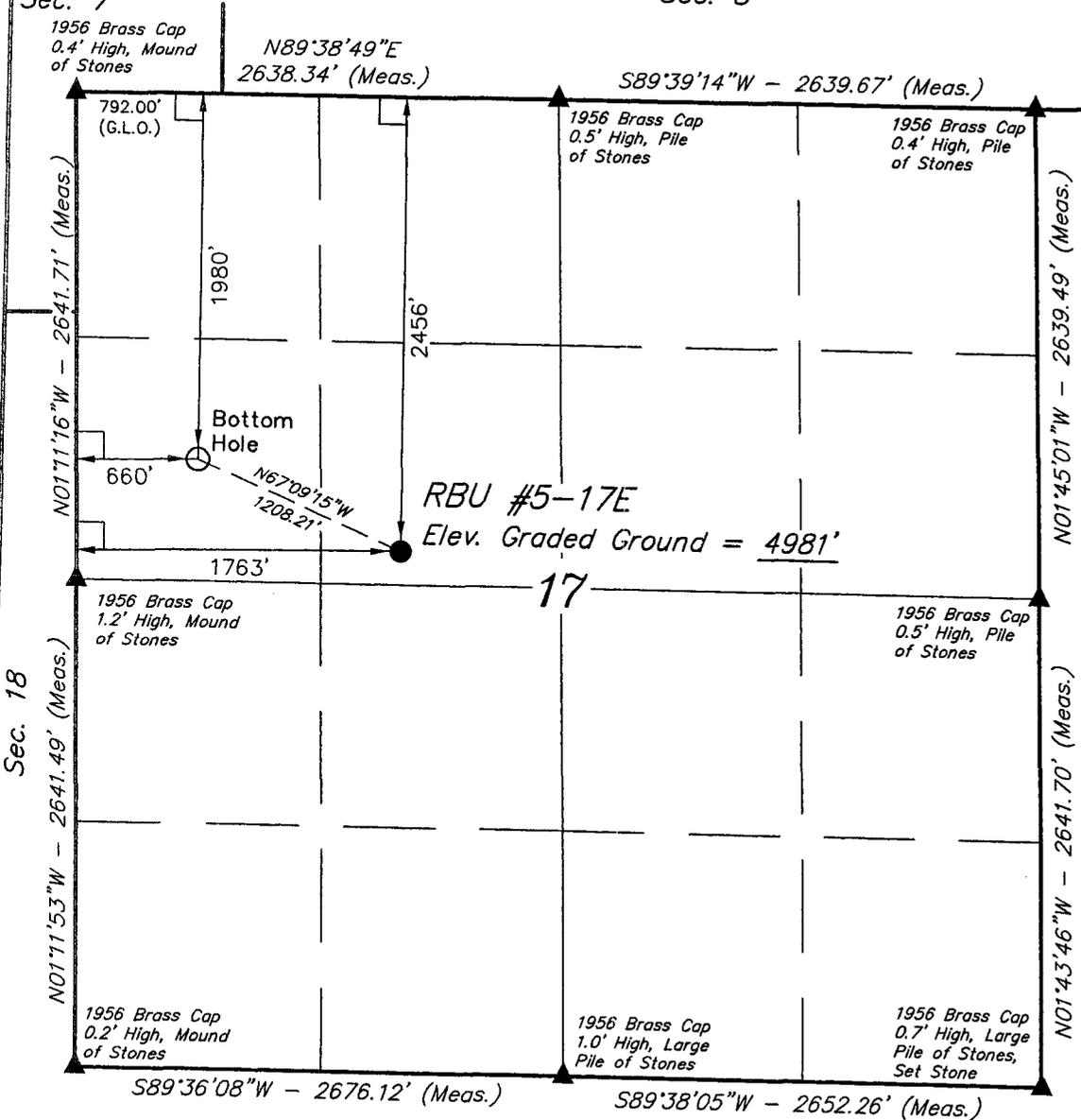
**OCT 16 2007**

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

# T10S, R19E, S.L.B.&M.

Sec. 8

Sec. 7



**LEGEND:**

- = 90° SYMBOL
- = PROPOSED WELL HEAD.
- = SECTION CORNERS LOCATED.

(NAD 83)  
 LATITUDE = 39°56'51.40" (39.947611)  
 LONGITUDE = 109°48'35.66" (109.809906)  
 (NAD 27)  
 LATITUDE = 39°56'51.53" (39.947647)  
 LONGITUDE = 109°48'33.15" (109.809208)

## DOMINION EXPLR. & PROD., INC.

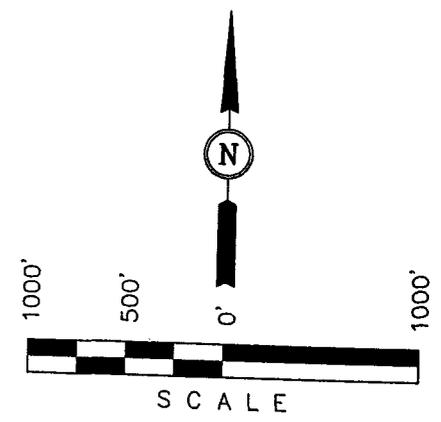
Well location, RBU #5-17E, located as shown in the SE 1/4 NW 1/4 of Section 17, T10S, R19E, S.L.B.&M., Uintah County, Utah.

**BASIS OF ELEVATION**

SPOT ELEVATION AT THE SOUTHWEST CORNER OF SECTION 20, T10S, R20E, S.L.B.&M., TAKEN FROM THE BIG PACK MTN. NW QUADRANGLE, UTAH, UINTAH COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5251 FEET.

**BASIS OF BEARINGS**

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



**CERTIFICATE**

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

*Robert L. Kay*  
 REGISTERED LAND SURVEYOR  
 REGISTRATION NO. 161319  
 STATE OF UTAH

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

SCALE 1" = 1000'	DATE SURVEYED: 03-09-07	DATE DRAWN: 03-20-07
PARTY B.B. S.K. P.M.	REFERENCES G.L.O. PLAT	
WEATHER COOL	FILE DOMINION EXPLR. & PROD. INC	

# XTO ENERGY INC.

RBU 5-17E

APD Data

September 26, 2007

**Location:** 2456' FNL & 1763' FWL, Sec. 17, T10S, R19E      **County:** Uintah      **State:** Utah  
**Bottomhole Location:** 1980' FNL & 660' FWL, Sec. 17, T10S, R19E

**GREATEST PROJECTED TD:** 9730' MD/ 9498' TVD      **OBJECTIVE:** Wasatch/Mesaverde  
**APPROX GR ELEV:** 4981'      **Est KB ELEV:** 4995' (14' AGL)

## 1. MUD PROGRAM:

INTERVAL	0' to 500'	500' to 4350'	4350' to 9730'
HOLE SIZE	17.5"	12.25"	7.875"
MUD TYPE	FW/Spud Mud	FW/Polymer	KCl Based LSND / Gel Chemical
WEIGHT	8.4	8.4-8.8	8.6-9.20
VISCOSITY	NC	28-40	30-60
WATER LOSS	NC	NC	8-15

**Remarks:** Use fibrous materials as needed to control seepage and lost circulation. Pump high viscosity sweeps as needed for hole cleaning. Raise viscosity at TD for logging. Reduce viscosity after logging for cementing purposes.

## 2. CASING PROGRAM:

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

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

**Intermediate Casing:** 9.625" casing set at ±4350'MD/4118'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'-4350'	4350'	36#	J-55	ST&C	2020	3520	394	8.921	8.765	1.37	2.39	2.52

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

**Production Casing:** 5.5" casing set at ±9730'MD/9498'TVD in a 7.875" hole filled with 9.2 ppg mud.

Interval	Length	Wt	Gr	Cplg	Coll Rating (psi)	Burst Rating (psi)	Jt Str (M-lbs)	ID (in)	Drift (in)	SF Coll	SF Burst	SF Ten
0'-9730'	9730'	17#	N-80	LT&C	6280	7740	348	4.892	4.767	1.75	2.15	2.10

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

## 3. WELLHEAD:

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

#### 4. CEMENT PROGRAM:

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

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

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

B. Intermediate: 9.625", 36#, J-55 (or equiv.), ST&C casing to be set at  $\pm 4350'$  in 12.25" hole.

LEAD:

$\pm 497$  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 2318 ft<sup>3</sup>. Slurry includes 75% excess of calculated open hole annular volume to 4350'.*

C. Production: 5.5", 17#, N-80 (or equiv.), LT&C casing to be set at  $\pm 9730'$  in 7.875" hole.

LEAD:

$\pm 164$  sx of Premium Plus V Blend. (Type V/Poz/Gel) or equivalent, with dispersant, fluid loss, accelerator, & LCM mixed at 11.6 ppg, 3.12 ft<sup>3</sup>/sk, 17.71 gal wtr/sx.

TAIL:

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

*Total estimated slurry volume for the 5.5" production casing is 1212 ft<sup>3</sup>. Slurry includes 15% excess of calculated open hole annular volume.*

*Note: The slurry design may change slightly based upon actual conditions. Final cement volumes will be determined from the caliper logs plus 15% or greater excess. The cement is designed to circulate on surface and intermediate casing strings. The production casing is designed for 3850' 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 (9730') to the bottom of the intermediate csg. Run Neutron/Lithodensity/Pe/GR/Cal from TD (9730') to 4350'.

#### 6. FORMATION TOPS:

Please see attached directional plan.

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

A.

Formation	Expected Fluids	Well Depth Top
Wasatch Tongue	Oil/Gas/Water	4085
Green River Tongue	Oil/Gas/Water	4460
Wasatch	Gas/Water	4630
Chapita Wells	Gas/Water	5500
Uteland Buttes	Gas/Water	6860
Mesaverde	Gas/Water	7800

B. Appropriately weighted mud will be used to isolate potential gas, oil, and water zones until such time as casing can be cemented into place for zonal isolation.

C. There are no known potential sources of H<sub>2</sub>S.

8. **BOP EQUIPMENT:**

Surface will not utilize a bop stack.

Intermediate hole will be drilled using a diverter stack with rotating head.

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.

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

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

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

9. **COMPANY PERSONNEL:**

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

# **XTO Energy**

**Natural Buttes Wells(NAD83)**

**RBU 5-17E**

**RBU 5-17E**

**RBU 5-17E**

**Plan: RBU 5-17E -- Permitted Wellbore**

## **Standard Planning Report**

**26 September, 2007**

**XTO Energy, Inc.**  
Planning Report

**Database:** EDM 2003.14 Single User Db  
**Company:** XTO Energy  
**Project:** Natural Buttes Wells(NAD83)  
**Site:** RBU 5-17E  
**Well:** RBU 5-17E  
**Wellbore:** RBU 5-17E  
**Design:** RBU 5-17E -- Permitted Wellbore

**Local Co-ordinate Reference:** Well RBU 5-17E  
**TVD Reference:** Rig KB @ 4995.0ft (Frontier #6)  
**MD Reference:** Rig KB @ 4995.0ft (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 5-17E, T10S, R19E				
<b>Site Position:</b>		<b>Northing:</b>	3,144,905.32 ft	<b>Latitude:</b>	39° 56' 51.400 N
<b>From:</b>	Lat/Long	<b>Easting:</b>	2,114,351.12 ft	<b>Longitude:</b>	109° 48' 35.662 W
<b>Position Uncertainty:</b>	0.0 ft	<b>Slot Radius:</b>	"	<b>Grid Convergence:</b>	1.11 °

<b>Well</b>	RBU 5-17E, S-Well to Wasatch/Mesaverde					
<b>Well Position</b>	<b>+N/-S</b>	0.0 ft	<b>Northing:</b>	3,144,905.32 ft	<b>Latitude:</b>	39° 56' 51.400 N
	<b>+E/-W</b>	0.0 ft	<b>Easting:</b>	2,114,351.12 ft	<b>Longitude:</b>	109° 48' 35.662 W
<b>Position Uncertainty</b>		0.0 ft	<b>Wellhead Elevation:</b>	4,981.0 ft	<b>Ground Level:</b>	4,981.0 ft

<b>Wellbore</b>	RBU 5-17E				
<b>Magnetics</b>	<b>Model Name</b>	<b>Sample Date</b>	<b>Declination</b>	<b>Dip Angle</b>	<b>Field Strength</b>
	IGRF200510	9/26/2007	(°)	(°)	(nT)
			11.66	65.86	52,647

<b>Design</b>	RBU 5-17E -- Permitted 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	292.85

<b>Plan Sections</b>										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	TFO (°)	Target
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00	0.00	
560.0	0.00	0.00	560.0	0.0	0.0	0.00	0.00	0.00	0.00	
1,354.9	23.85	292.85	1,332.1	63.3	-150.2	3.00	3.00	0.00	292.85	
3,536.9	23.85	292.85	3,327.9	405.8	-963.2	0.00	0.00	0.00	0.00	
4,331.8	0.00	0.00	4,100.0	469.1	-1,113.4	3.00	-3.00	0.00	180.00	RBU 5-17E -- Reques
9,731.8	0.00	0.00	9,500.0	469.1	-1,113.4	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 5-17E  
 Well: RBU 5-17E  
 Wellbore: RBU 5-17E  
 Design: RBU 5-17E -- Permitted Wellbore

Local Co-ordinate Reference: Well RBU 5-17E  
 TVD Reference: Rig KB @ 4995.0ft (Frontier #6)  
 MD Reference: Rig KB @ 4995.0ft (Frontier #6)  
 North Reference: True  
 Survey Calculation Method: Minimum Curvature

**Planned Survey**

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
100.0	0.00	0.00	100.0	0.0	0.0	0.0	0.00	0.00	0.00
200.0	0.00	0.00	200.0	0.0	0.0	0.0	0.00	0.00	0.00
300.0	0.00	0.00	300.0	0.0	0.0	0.0	0.00	0.00	0.00
400.0	0.00	0.00	400.0	0.0	0.0	0.0	0.00	0.00	0.00
500.0	0.00	0.00	500.0	0.0	0.0	0.0	0.00	0.00	0.00
<b>13 3/8"</b>									
560.0	0.00	0.00	560.0	0.0	0.0	0.0	0.00	0.00	0.00
600.0	1.20	292.85	600.0	0.2	-0.4	0.4	3.00	3.00	0.00
700.0	4.20	292.85	699.9	2.0	-4.7	5.1	3.00	3.00	0.00
800.0	7.20	292.85	799.4	5.8	-13.9	15.1	3.00	3.00	0.00
900.0	10.20	292.85	898.2	11.7	-27.8	30.2	3.00	3.00	0.00
1,000.0	13.20	292.85	996.1	19.6	-46.5	50.5	3.00	3.00	0.00
1,100.0	16.20	292.85	1,092.8	29.4	-69.9	75.8	3.00	3.00	0.00
1,200.0	19.20	292.85	1,188.1	41.2	-97.9	106.2	3.00	3.00	0.00
1,300.0	22.20	292.85	1,281.6	55.0	-130.5	141.6	3.00	3.00	0.00
1,354.9	23.85	292.85	1,332.1	63.3	-150.2	163.0	3.00	3.00	0.00
1,400.0	23.85	292.85	1,373.4	70.4	-167.1	181.3	0.00	0.00	0.00
1,500.0	23.85	292.85	1,464.9	86.1	-204.3	221.7	0.00	0.00	0.00
1,600.0	23.85	292.85	1,556.3	101.8	-241.6	262.1	0.00	0.00	0.00
1,700.0	23.85	292.85	1,647.8	117.5	-278.8	302.6	0.00	0.00	0.00
1,800.0	23.85	292.85	1,739.3	133.2	-316.1	343.0	0.00	0.00	0.00
1,900.0	23.85	292.85	1,830.7	148.9	-353.3	383.4	0.00	0.00	0.00
2,000.0	23.85	292.85	1,922.2	164.6	-390.6	423.8	0.00	0.00	0.00
2,100.0	23.85	292.85	2,013.6	180.2	-427.9	464.3	0.00	0.00	0.00
2,200.0	23.85	292.85	2,105.1	195.9	-465.1	504.7	0.00	0.00	0.00
2,300.0	23.85	292.85	2,196.6	211.6	-502.4	545.1	0.00	0.00	0.00
2,400.0	23.85	292.85	2,288.0	227.3	-539.6	585.6	0.00	0.00	0.00
2,500.0	23.85	292.85	2,379.5	243.0	-576.9	626.0	0.00	0.00	0.00
2,600.0	23.85	292.85	2,471.0	258.7	-614.1	666.4	0.00	0.00	0.00
2,700.0	23.85	292.85	2,562.4	274.4	-651.4	706.8	0.00	0.00	0.00
2,800.0	23.85	292.85	2,653.9	290.1	-688.6	747.3	0.00	0.00	0.00
2,900.0	23.85	292.85	2,745.4	305.8	-725.9	787.7	0.00	0.00	0.00
3,000.0	23.85	292.85	2,836.8	321.5	-763.2	828.1	0.00	0.00	0.00
3,100.0	23.85	292.85	2,928.3	337.2	-800.4	868.5	0.00	0.00	0.00
3,200.0	23.85	292.85	3,019.7	352.9	-837.7	909.0	0.00	0.00	0.00
3,300.0	23.85	292.85	3,111.2	368.6	-874.9	949.4	0.00	0.00	0.00
3,400.0	23.85	292.85	3,202.7	384.3	-912.2	989.8	0.00	0.00	0.00
3,500.0	23.85	292.85	3,294.1	400.0	-949.4	1,030.3	0.00	0.00	0.00
3,536.9	23.85	292.85	3,327.9	405.8	-963.2	1,045.2	0.00	0.00	0.00
3,600.0	21.95	292.85	3,386.0	415.3	-985.8	1,069.7	3.00	-3.00	0.00
3,700.0	18.95	292.85	3,479.7	428.9	-1,018.0	1,104.7	3.00	-3.00	0.00
3,800.0	15.95	292.85	3,575.1	440.5	-1,045.7	1,134.7	3.00	-3.00	0.00
3,900.0	12.95	292.85	3,671.9	450.2	-1,068.7	1,159.6	3.00	-3.00	0.00
4,000.0	9.95	292.85	3,769.9	457.9	-1,086.9	1,179.5	3.00	-3.00	0.00
4,100.0	6.95	292.85	3,868.8	463.6	-1,100.5	1,194.2	3.00	-3.00	0.00
4,200.0	3.95	292.85	3,968.3	467.3	-1,109.2	1,203.7	3.00	-3.00	0.00
4,300.0	0.95	292.85	4,068.2	469.0	-1,113.2	1,207.9	3.00	-3.00	0.00
4,316.8	0.45	292.84	4,085.0	469.1	-1,113.4	1,208.2	3.00	-3.00	0.00
<b>Wasatch Tongue</b>									
4,331.8	0.00	0.00	4,100.0	469.1	-1,113.4	1,208.2	3.00	-3.00	0.00
<b>RBU 5-17E -- Requested BHL</b>									
4,350.0	0.00	0.00	4,118.2	469.1	-1,113.4	1,208.2	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 5-17E  
 Well: RBU 5-17E  
 Wellbore: RBU 5-17E  
 Design: RBU 5-17E -- Permitted Wellbore

Local Co-ordinate Reference: Well RBU 5-17E  
 TVD Reference: Rig KB @ 4995.0ft (Frontier #6)  
 MD Reference: Rig KB @ 4995.0ft (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)
<b>9 5/8"</b>									
4,400.0	0.00	0.00	4,168.2	469.1	-1,113.4	1,208.2	0.00	0.00	0.00
4,500.0	0.00	0.00	4,268.2	469.1	-1,113.4	1,208.2	0.00	0.00	0.00
4,600.0	0.00	0.00	4,368.2	469.1	-1,113.4	1,208.2	0.00	0.00	0.00
4,691.8	0.00	0.00	4,460.0	469.1	-1,113.4	1,208.2	0.00	0.00	0.00
<b>Green River Tongue</b>									
4,700.0	0.00	0.00	4,468.2	469.1	-1,113.4	1,208.2	0.00	0.00	0.00
4,800.0	0.00	0.00	4,568.2	469.1	-1,113.4	1,208.2	0.00	0.00	0.00
4,861.8	0.00	0.00	4,630.0	469.1	-1,113.4	1,208.2	0.00	0.00	0.00
<b>Wasatch</b>									
4,900.0	0.00	0.00	4,668.2	469.1	-1,113.4	1,208.2	0.00	0.00	0.00
5,000.0	0.00	0.00	4,768.2	469.1	-1,113.4	1,208.2	0.00	0.00	0.00
5,100.0	0.00	0.00	4,868.2	469.1	-1,113.4	1,208.2	0.00	0.00	0.00
5,200.0	0.00	0.00	4,968.2	469.1	-1,113.4	1,208.2	0.00	0.00	0.00
5,300.0	0.00	0.00	5,068.2	469.1	-1,113.4	1,208.2	0.00	0.00	0.00
5,400.0	0.00	0.00	5,168.2	469.1	-1,113.4	1,208.2	0.00	0.00	0.00
5,500.0	0.00	0.00	5,268.2	469.1	-1,113.4	1,208.2	0.00	0.00	0.00
5,600.0	0.00	0.00	5,368.2	469.1	-1,113.4	1,208.2	0.00	0.00	0.00
5,700.0	0.00	0.00	5,468.2	469.1	-1,113.4	1,208.2	0.00	0.00	0.00
5,731.8	0.00	0.00	5,500.0	469.1	-1,113.4	1,208.2	0.00	0.00	0.00
<b>Chapita Wells</b>									
5,800.0	0.00	0.00	5,568.2	469.1	-1,113.4	1,208.2	0.00	0.00	0.00
5,900.0	0.00	0.00	5,668.2	469.1	-1,113.4	1,208.2	0.00	0.00	0.00
6,000.0	0.00	0.00	5,768.2	469.1	-1,113.4	1,208.2	0.00	0.00	0.00
6,100.0	0.00	0.00	5,868.2	469.1	-1,113.4	1,208.2	0.00	0.00	0.00
6,200.0	0.00	0.00	5,968.2	469.1	-1,113.4	1,208.2	0.00	0.00	0.00
6,300.0	0.00	0.00	6,068.2	469.1	-1,113.4	1,208.2	0.00	0.00	0.00
6,400.0	0.00	0.00	6,168.2	469.1	-1,113.4	1,208.2	0.00	0.00	0.00
6,500.0	0.00	0.00	6,268.2	469.1	-1,113.4	1,208.2	0.00	0.00	0.00
6,600.0	0.00	0.00	6,368.2	469.1	-1,113.4	1,208.2	0.00	0.00	0.00
6,700.0	0.00	0.00	6,468.2	469.1	-1,113.4	1,208.2	0.00	0.00	0.00
6,800.0	0.00	0.00	6,568.2	469.1	-1,113.4	1,208.2	0.00	0.00	0.00
6,900.0	0.00	0.00	6,668.2	469.1	-1,113.4	1,208.2	0.00	0.00	0.00
7,000.0	0.00	0.00	6,768.2	469.1	-1,113.4	1,208.2	0.00	0.00	0.00
7,091.8	0.00	0.00	6,860.0	469.1	-1,113.4	1,208.2	0.00	0.00	0.00
<b>Uteland Buttes</b>									
7,100.0	0.00	0.00	6,868.2	469.1	-1,113.4	1,208.2	0.00	0.00	0.00
7,200.0	0.00	0.00	6,968.2	469.1	-1,113.4	1,208.2	0.00	0.00	0.00
7,300.0	0.00	0.00	7,068.2	469.1	-1,113.4	1,208.2	0.00	0.00	0.00
7,400.0	0.00	0.00	7,168.2	469.1	-1,113.4	1,208.2	0.00	0.00	0.00
7,500.0	0.00	0.00	7,268.2	469.1	-1,113.4	1,208.2	0.00	0.00	0.00
7,600.0	0.00	0.00	7,368.2	469.1	-1,113.4	1,208.2	0.00	0.00	0.00
7,700.0	0.00	0.00	7,468.2	469.1	-1,113.4	1,208.2	0.00	0.00	0.00
7,800.0	0.00	0.00	7,568.2	469.1	-1,113.4	1,208.2	0.00	0.00	0.00
7,900.0	0.00	0.00	7,668.2	469.1	-1,113.4	1,208.2	0.00	0.00	0.00
8,000.0	0.00	0.00	7,768.2	469.1	-1,113.4	1,208.2	0.00	0.00	0.00
8,031.8	0.00	0.00	7,800.0	469.1	-1,113.4	1,208.2	0.00	0.00	0.00
<b>Mesaverde</b>									
8,100.0	0.00	0.00	7,868.2	469.1	-1,113.4	1,208.2	0.00	0.00	0.00
8,200.0	0.00	0.00	7,968.2	469.1	-1,113.4	1,208.2	0.00	0.00	0.00
8,300.0	0.00	0.00	8,068.2	469.1	-1,113.4	1,208.2	0.00	0.00	0.00
8,400.0	0.00	0.00	8,168.2	469.1	-1,113.4	1,208.2	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 5-17E  
**Well:** RBU 5-17E  
**Wellbore:** RBU 5-17E  
**Design:** RBU 5-17E -- Permitted Wellbore

**Local Co-ordinate Reference:** Well RBU 5-17E  
**TVD Reference:** Rig KB @ 4995.0ft (Frontier #6)  
**MD Reference:** Rig KB @ 4995.0ft (Frontier #6)  
**North Reference:** True  
**Survey Calculation Method:** Minimum Curvature

**Planned Survey**

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
8,500.0	0.00	0.00	8,268.2	469.1	-1,113.4	1,208.2	0.00	0.00	0.00
8,600.0	0.00	0.00	8,368.2	469.1	-1,113.4	1,208.2	0.00	0.00	0.00
8,700.0	0.00	0.00	8,468.2	469.1	-1,113.4	1,208.2	0.00	0.00	0.00
8,800.0	0.00	0.00	8,568.2	469.1	-1,113.4	1,208.2	0.00	0.00	0.00
8,900.0	0.00	0.00	8,668.2	469.1	-1,113.4	1,208.2	0.00	0.00	0.00
9,000.0	0.00	0.00	8,768.2	469.1	-1,113.4	1,208.2	0.00	0.00	0.00
9,100.0	0.00	0.00	8,868.2	469.1	-1,113.4	1,208.2	0.00	0.00	0.00
9,200.0	0.00	0.00	8,968.2	469.1	-1,113.4	1,208.2	0.00	0.00	0.00
9,300.0	0.00	0.00	9,068.2	469.1	-1,113.4	1,208.2	0.00	0.00	0.00
9,400.0	0.00	0.00	9,168.2	469.1	-1,113.4	1,208.2	0.00	0.00	0.00
9,500.0	0.00	0.00	9,268.2	469.1	-1,113.4	1,208.2	0.00	0.00	0.00
9,600.0	0.00	0.00	9,368.2	469.1	-1,113.4	1,208.2	0.00	0.00	0.00
9,700.0	0.00	0.00	9,468.2	469.1	-1,113.4	1,208.2	0.00	0.00	0.00
9,730.0	0.00	0.00	9,498.2	469.1	-1,113.4	1,208.2	0.00	0.00	0.00
5 1/2"									
9,731.8	0.00	0.00	9,500.0	469.1	-1,113.4	1,208.2	0.00	0.00	0.00

**Targets**

Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude
RBU 5-17E -- Requester - hit/miss target - Shape - Point	0.00	0.00	4,100.0	469.1	-1,113.4	3,145,352.66	2,113,228.78	39° 56' 56.034 N	109° 48' 49.955 W

**Casing Points**

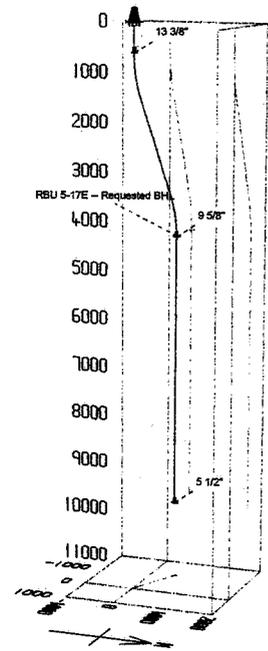
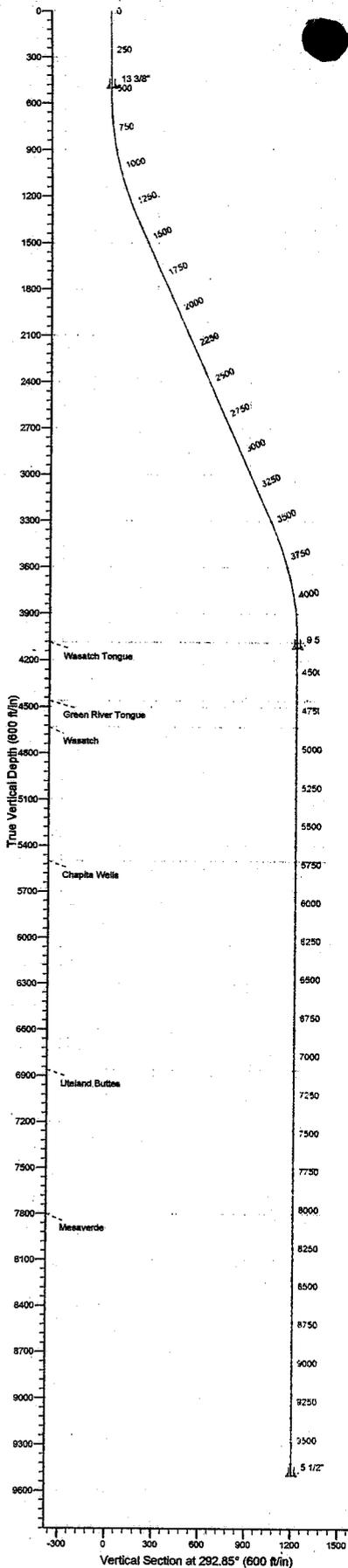
Measured Depth (ft)	Vertical Depth (ft)	Name	Casing Diameter (")	Hole Diameter (")
500.0	500.0	13 3/8"	13-3/8	17-1/2
4,350.0	4,118.2	9 5/8"	9-5/8	12-1/4
9,730.0	9,498.2	5 1/2"	5-1/2	7-7/8

**Formations**

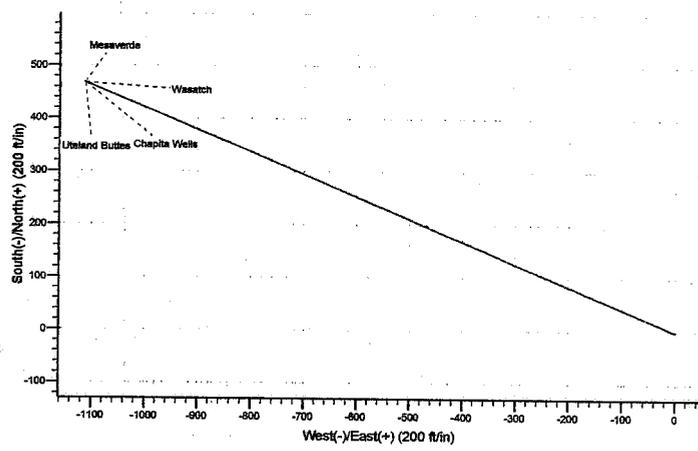
Measured Depth (ft)	Vertical Depth (ft)	Name	Lithology	Dip (°)	Dip Direction (°)
4,316.8	4,085.0	Wasatch Tongue		0.00	
4,691.8	4,460.0	Green River Tongue		0.00	
4,861.8	4,630.0	Wasatch		0.00	
5,731.8	5,500.0	Chapita Wells		0.00	
7,091.8	6,860.0	Uteland Buttes		0.00	
8,031.8	7,800.0	Mesaverde		0.00	

**WELL DETAILS: RBU 5-17E**

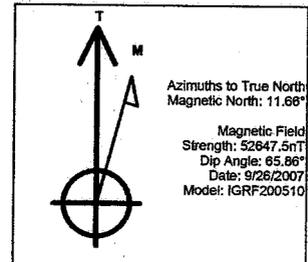
Ground Level: 4981.0  
 -2456.0 FNL  
 1763.0 FWL



Project: Natural Buttes Wells(NAD83)			
Site: RBU 5-17E			
Well: RBU 5-17E			
Wellbore: RBU 5-17E			
RBU 5-17E - Permitted Wellbore			
<b>FORMATION TOP DETAILS</b>			
TVDPATH	MDPATH	FORMATION	
4085.0	4316.8	Wasatch Tongue	
4460.0	4691.8	Green River Tongue	
4630.0	4861.8	Wasatch	
5500.0	5731.8	Chapita Wells	
6860.0	7091.8	Uteland Buttes	
7800.0	8031.8	Mesaverde	
<b>CASING DETAILS</b>			
TVD	MD	NAME	SIZE
500.0	500.0	13 3/8"	13-3/8
4118.2	4350.0	9 5/8"	9-5/8
9498.2	9730.0	5 1/2"	5-1/2
<b>PROJECT DETAILS: Natural Buttes Wells(NAD83)</b>			
Geodetic System: US State Plane 1983			
Datum: North American Datum 1983			
Ellipsoid: GRS 1980			
Zone: Utah Northern Zone			
System Datum: Mean Sea Level			



SECTION DETAILS									
Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0
2	560.0	0.00	0.00	560.0	0.0	0.0	0.00	0.00	0.0
3	1354.9	23.85	292.85	1332.1	63.3	-150.2	3.00	292.85	163.0
4	3536.9	23.85	292.85	3327.9	405.6	-985.2	0.00	0.00	1045.2
5	4331.8	0.00	0.00	4100.0	469.1	-1113.4	3.00	180.00	1208.2
6	9731.8	0.00	0.00	9500.0	469.1	-1113.4	0.00	0.00	1208.2



## SURFACE USE PLAN

### CONDITIONS OF APPROVAL

#### *Attachment for Permit to Drill*

**Name of Operator:** XTO Energy, Inc.  
**Address:** P.O. Box 1360; 978 North Crescent  
Roosevelt, Utah 84066  
**Well Location:** RBU 5-17E-  
*Surface Location:* 2,456' FNL & 1,763' FWL, SE/4 NW/4,  
*Target Location:* 1,980' FNL & 660' FWL, SW/4 NW/4,  
Section 17, T10S, R19E, SLB&M, Uintah County, Utah

The surface owner or surface owner representative and dirt contractor will be provided with an approved copy of the surface use plan of operations and approved conditions of approval before initiating construction.

The onsite inspection for the referenced well was conducted on Wednesday, June 20, 2007 at approximately 3:30 pm. In attendance at the onsite inspection were the following individuals:

Ken Secrest	Regulatory Coordinator	XTO Energy, Inc.
Karl Wright	Natural Resource Specialist	BLM – Vernal Field Office
Brandon McDonald	Wildlife Biologist	BLM – Vernal Field Office
Jesee Walton	Surveyor	Uintah Engineering and Land Surveying
Randy Jackson	Foreman	Jackson Construction
Billy McClure	Foreman	LaRose Construction
Don Hamilton	Permitting Agent	Buys & Associates, Inc.

1. Location of Existing Roads:

- a. The proposed well site is located approximately 12.00 miles southwest of Ouray, UT.
- b. Directions to the proposed well site have been attached at the end of Exhibit B.
- c. The use of roads under State and County Road Department maintenance are necessary to access the River Bend area. However, an encroachment permit is not anticipated since no upgrades to the State or County Road system are proposed at this time.
- d. All existing roads will be maintained and kept in good repair during all phases of operation.
- e. Vehicle operators will obey posted speed restrictions and observe safe speeds commensurate with road and weather conditions.
- f. Since no improvements are anticipated to the State, County, Tribal or BLM access roads no topsoil striping will occur.
- g. An off-lease federal Right-of-Way is not anticipated for the access road or utility corridor since both are located within the River Bend Unit boundary.

2. New or Reconstructed Access Roads:
  - a. Access will utilize the existing access to the RBU 6-17E with no improvements proposed.
  
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 Existing and/or Proposed Production Facilities:
  - a. All permanent structures will be painted a flat, non-reflective Covert Green /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.
  - h. An existing pipeline corridor upgrade is proposed from the existing RBU 6-17E well site to the RBU 9-17E compressor facility along the existing pipeline route.
  - i. A pipeline corridor upgrade to contain a single steel gas pipeline and a single steel or poly pipe water pipeline is associated with this application and is being applied for at this time.
  - j. The gas pipeline will be a 12" or less buried line and the water pipeline will be a 12" or less buried line within a single trench and within a 75' wide disturbed pipeline corridor. The use of the existing well site and access roads will facilitate the staging of the pipeline corridor construction. An upgrade to a 75' wide buried pipeline corridor of approximately 4,500' is associated with this application.
  - k. XTO Energy, Inc. intends to bury the pipeline where possible and connect the pipeline together utilizing conventional welding technology.

5. Location and Type of Water Supply:

- a. No water supply pipelines will be laid for this well.
- b. No water well will be drilled for this well.
- c. Drilling water for this well will be hauled on the road(s) shown in Attachment No. 3.
- d. Water will be hauled from one of the following sources:
  - o Water Permit # 43-10447, Section 33, T8S, R20E;
  - o Water Permit #43-2189, Section 33, T8S, R20E;
  - o Water Permit #49-2158, Section 33, T8S, R20E;
  - o Water Permit #49-2262, Section 33, T6S, R20E;
  - o Water Permit #49-1645, Section 5, T9S, R22E;
  - o Water Permit #43-9077, Section 32, T6S, R20E;
  - o Tribal Resolution 06-183, Section 22, T10S, R20E;

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:

- 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 southeast 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 XTO Energy, Inc. 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.
- b. No camps, airstrips or staging areas are proposed with 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 south.
- c. The pad and road designs are consistent with BLM and Tribal 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; 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:
    - o Crested Wheat Grass (6 lbs / acre)
    - o Needle and Thread Grass (3 lbs / acre)
    - o Rice Grass (3 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. Operators Contact Information:

Title	Name	Office Phone	Mobile Phone	e-mail
Company Rep.	Ken Secrest	435-722-4521	435-828-1450	Ken_Secrest@xtoenergy.com
Agent	Don Hamilton	435-719-2018	435-719-2018	starpoint@etv.net

- b. AIA Archaeological has conducted a Class III archeological survey. A copy of the report is attached and has also been submitted under separate cover to the appropriate agencies by AIA Archaeological.
- c. Alden Hamblin has conducted a paleontological survey. A copy of the report is attached and has also been submitted under separate cover to the appropriate agencies by Alden Hamblin.
- d. 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. This wellsite is being co-located on the existing RBU 6-17E pad and inside of the existing River Bend Unit boundary.

Certification:

I hereby certify that I, or someone under my direct supervision, have inspected the drill site and access route proposed herein; that I am familiar with the conditions which currently exist; that I am familiar with the conditions which currently exist; that I have full knowledge of state and Federal laws applicable to this operation; 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 in conformity with this APD package and the terms and conditions under which it is approved. I also certify that I, or the company I represent, am responsible for the operations conducted under this application and that bond coverage is provided under XTO Energy, Inc's BLM bond UTB-000138. These statements are subject to the provisions of 18 U.S.C. 1001 for the filing of false statements.

Executed this 9<sup>th</sup> day of October, 2007.

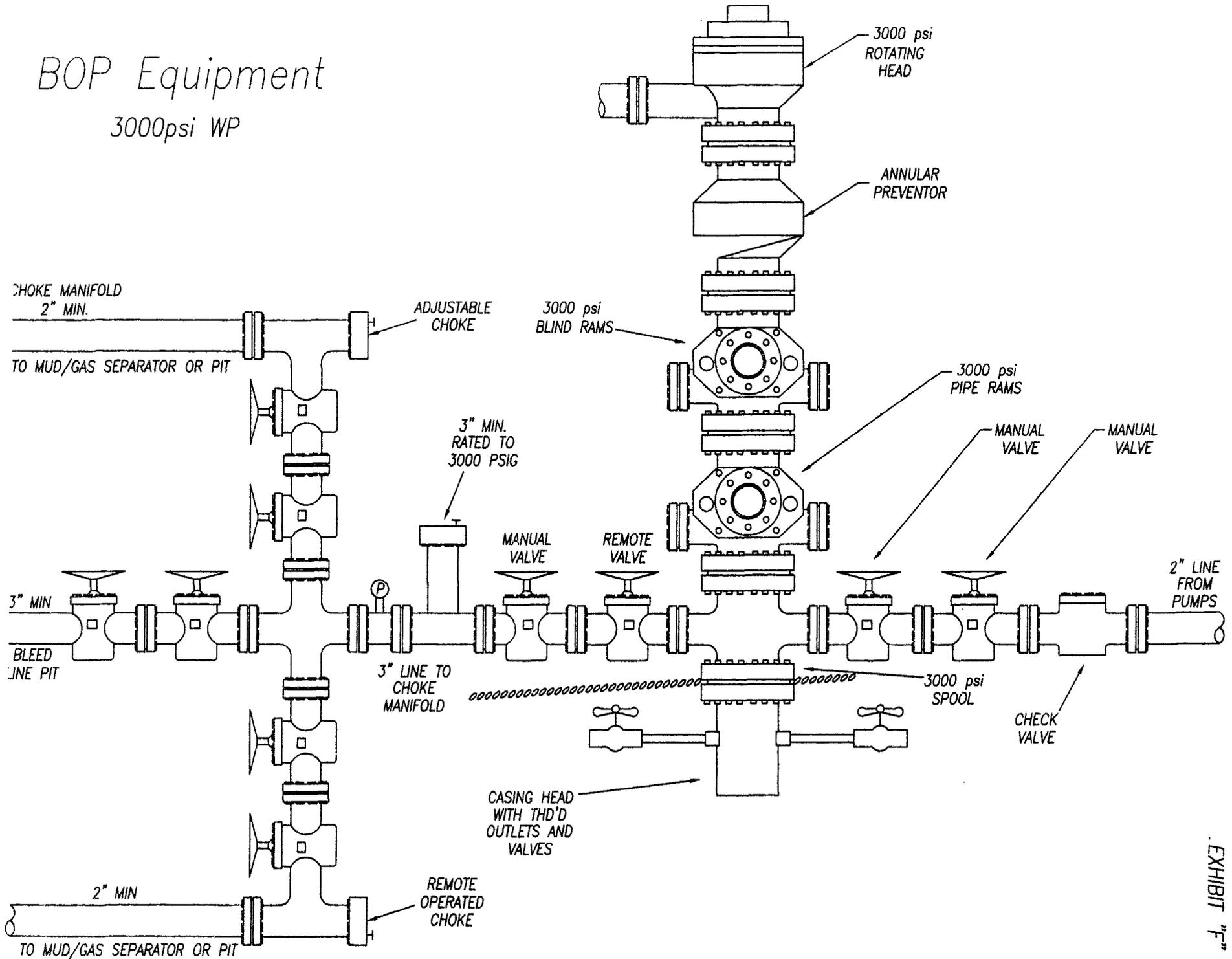
Don Hamilton

Don Hamilton -- Agent for XTO Energy, Inc.  
2580 Creekview Road  
Moab, Utah 84532

435-719-2018  
starpoint@etv.net

# BOP Equipment

3000psi WP



Dominion Exploration & Production, Inc.  
River Bend Unit #5-17E: A Cultural  
Resource Inventory for a well  
its access and pipeline,  
Uintah County, Utah.

By  
James A. Truesdale

James A. Truesdale  
Principal Investigator

Prepared For  
Dominion Exploration & Production, Inc.  
1400 State Street  
P.O.Box 1360  
Roosevelt, Utah  
84066

Prepared By  
AN INDEPENDENT ARCHAEOLOGIST  
P.O.Box 153  
Laramie, Wyoming  
82073

Utah Project # U-06-AY-395(b)

May 16, 2007

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Figure 2. View to east at the proposed River Bend Unit #5-17E centerstake and existing RBU #6-17E well pad. - - - - 4

## Introduction

An Independent Archaeologist (AIA) was contacted by a representative of Dominion Exploration & Production, Inc., to conduct a cultural resources investigation of the proposed River Bend Unit #5-17E well. The location of the project area is the SE/NW 1/4 of Section 17, T10S, R19E Uintah County, Utah (Figure 1).

The proposed RBU #5-17E well will be directionally drilled from the existing RBU #6-17E well pad.

The proposed RBU #5-17E well's centerstake footage is 2456' FNL 1763' FWL. The proposed RBU #5-17E well's centerstake Universal Transverse Mercator (UTM) centroid coordinate is Zone 12, North American Datum (NAD) 83, 06/01/661.85 mE 44/22/623.42 mN + 5m.

As mentioned above, the proposed RBU #5-17E well will be directionally drilled from the existing RBU #6-17E well pad. Therefore, the RBU #5-17E well's proposed access and pipeline is the existing road and pipeline associated with the RBU #6-17E well pad.

The land is administered by the United States, Utah Bureau of Land Management, Vernal District Office, Book Cliffs Resource Area. A total of 10 acres (10 block, 0 linear) was surveyed. The fieldwork was conducted on May 7, 2007 by AIA archaeologists James Truesdale and CJ Truesdale. All the field notes and maps are located in the AIA office in Laramie, Wyoming.

## File Search

A file search was conducted by the Office of the Utah Division of State History (UDSH), Antiquities Section, Records Division on February 2, 2006. An additional file search was conducted at the Vernal BLM office in February 2, 2006 by the author. An update of AIA's USGS 7.5'/1985 Moon Bottom quadrangle map from the UDSH's Moon Bottom quadrangle map occurred on November 8, 2003 and again on February 3, 2004. No projects and/or cultural materials (sites, isolates) have been previously recorded in the immediate project area.

## Environment

Physiographically, the project is located in the River Bend Unit west of the Wild Horse Bench in the Uinta Basin, 11 miles south of Ouray, Utah. The Uinta Basin is structurally the lowest part of the Colorado Plateau geographical province (Thornbury 1965:425). The Uinta Basin is a large, relatively flat, bowl

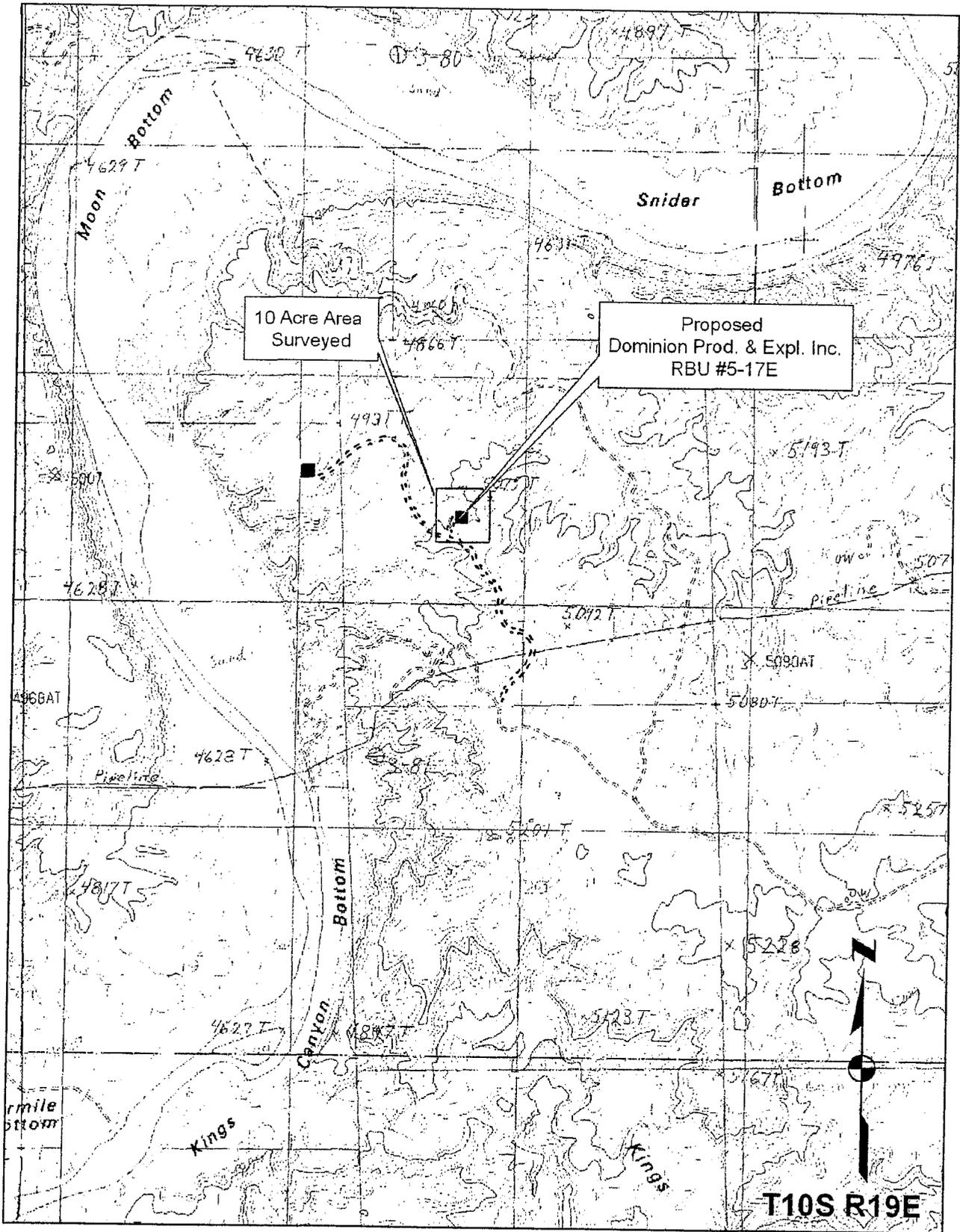


Figure 1. Location of Dominion Expl. & Prod. Inc. proposed River Bend Unit #5-17E well on 1985 7.5' USGS Quadrangle map Moon Bottom, Uintah County, Utah

shaped, east-west asymmetrical syncline near the base of the Uinta Mountains. The topography is characteristic of sloping surfaces that incline northward and are mainly dip slopes on the harder layers of Green River and Uinta Formations (Stokes 1986). A thick section of more than 9000 feet (2743.9 m) of early Tertiary rocks are exposed (Childs 1950). These rocks are mainly Paleocene and Eocene in age and consist of sandstone, clay and shale lacustrine, fluvial, and deltaic continental deposits, most famous of which are the lacustrine Green River Beds.

The immediate project area is situated on high desert hills and benches east of the Green River. The area is characterized as having steep ridges and/or buttes of thick Uinta Formation sandstone, with layers of clays and shale. The hills, ridges and buttes are dissected by several steep ephemeral drainage washes with wide flat alluvial plains. The project area is located on low east/west trending ridge where beds of clay/shale and sandstone are exposed. The soils are shallow (<5cm) and composed of poorly sorted loosely compacted clay loam mixed with small angular fragments of sandstone.

Vegetation in the River Bend Unit area is characteristic of a low sagebrush community with shadscale and greasewood. Species observed in the project area include; big sagebrush (Artemisia tridentata), shadscale (Atriplex confertifolia), saltbush (Atriplex nuttallii), rabbitbrush (Chrysothamnus viscidiflorus), winterfat (Eurotia lanata), greasewood (Sarcobatus baileyi), wild buckwheat (Erigonum ovalifolium), desert trumpet (Erigonum inflatum), Indian rice grass (Oryzopsis hymenoides), western wheatgrass (Agropyron smithii), spiked wheatgrass (Agropyron sp.), crested wheatgrass (Agropyron cristatum), June grass (Koeleria cristata), cheat grass (Bromus tectorum), desert globemallow (Bromus tectorum), lupine (Lupinus sp.), larkspur (Delphinium sp.), Indian paintbrush (Castilleja chromosa), peppergrass (Lepidium perfoliatum), scalloped phacelia (Phacelia intergrifolia), birdsage evening primrose (Oenothera deltoides), Russian thistle (Salsola kali), Russian knapweed (Centaurea repens), and prickly pear cactus (Opuntia sp.). In addition, a riparian community dominated by cottonwood (Populus sp.), willow (Salix sp.), and salt cedar (tamarix) can be found along the Green River located approximately 1/2 mile south.

#### River Bend Unit #5-17E

As mentioned earlier, the proposed RBU #5-17E well will be directionally drilled from the existing RBU #6-17E well pad (Figure 2).

The proposed RBU #5-17E well centerstake and RBU #6-17E well pad is situated along the northeastern slope and end of a small southeast to northwest trending ridge. The sediments surrounding

the existing well location are colluvial in nature. These colluvial deposits consist of shallow ( $\leq 5$  cm), tan to light brown, poorly sorted, loosely compacted, sandy clay loam, mixed with angular pieces of sandstone, clay and shale. Vegetation is sparse and consists of low sagebrush, greasewood, saltbush, buckwheat, bunchgrasses (wheatgrass, cheat grass, Indian ricegrass), barrel and prickly pear cactus. The proposed well location is at an elevation of 4998.72 feet (1524 m) AMSL.

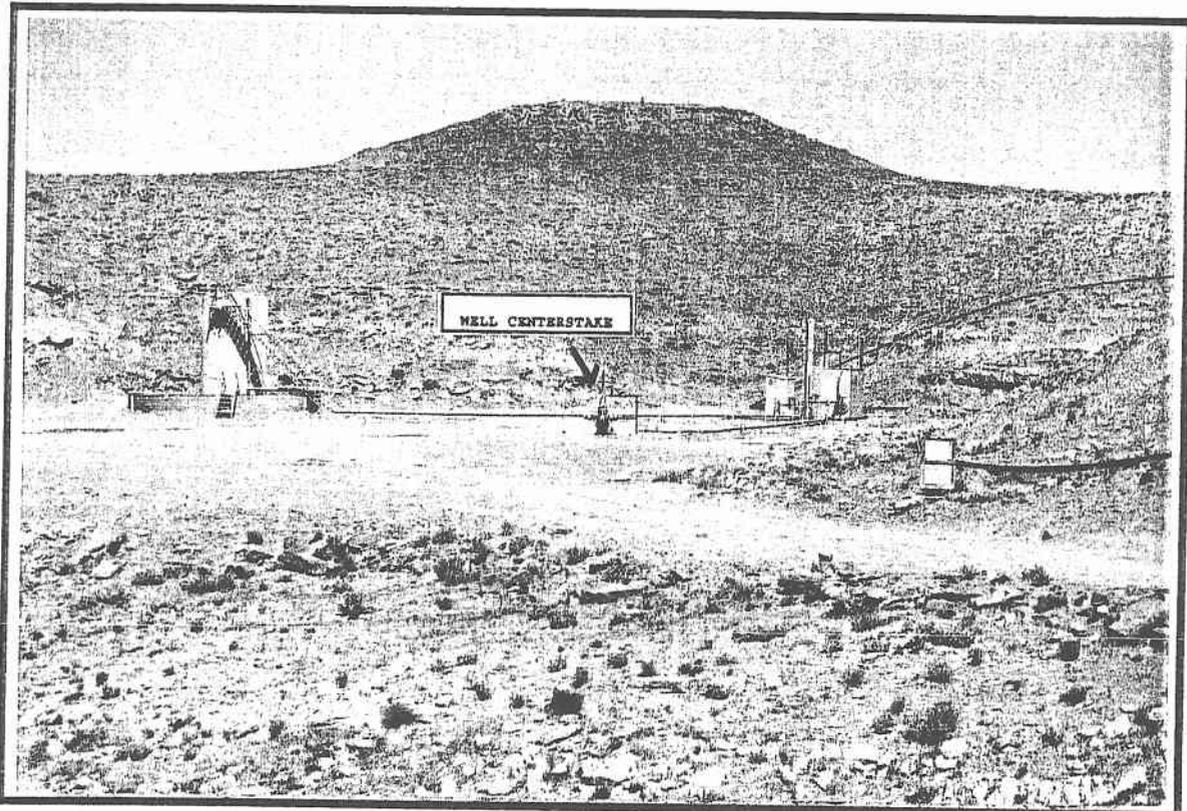


Figure 2. View to east of the proposed RBU #5-17E centerstake and existing RBU #6-17E well pad.

As mentioned earlier, the proposed RBU #5-17E well will be directionally drilled from the existing RBU #6-17E well pad. Therefore, the RBU #5-17E well's proposed access and pipeline is the existing road and pipeline associated with the RBU #6-17E well.

#### Field Methods

A total of 10 acres was surveyed around the proposed RBU #5-17E centerstake of the proposed well location to allow for relocation of the pad if necessary. The survey was accomplished by walking transects spaced no more than 15 meters apart. As mentioned earlier, the proposed RBU #5-17E well will be directionally drilled from the existing RBU #6-17E well pad.

Therefore, the RBU #5-17E well's proposed access and pipeline is the existing road and pipeline associated with the RBU #6-17E well. Thus a total of 0 linear acres was surveyed.

Geologic landforms (rockshelters, alcoves, ridge tops and saddles) and areas of subsurface exposure (ant hills, blowouts, rodent holes and burrow, eroding slopes and cut banks) were examined with special care in order to locate cultural resources (sites, isolates) and possibly help assess a site's sedimentary integrity and potential for the presence and/or absence of buried intact cultural deposits. All exposures of sandstone cliff faces, alcoves or rock shelters, and talus slopes were surveyed.

When cultural materials are discovered, a more thorough survey of the immediate vicinity is conducted in order to locate any associated artifacts and to determine the horizontal extent (surface area) of the site. If no other artifacts are located during the search then the initial artifact was recorded as an isolated find. At times, isolated formal tools (typical end scrapers, projectile points) were drawn and measured. The isolate was then described and its location plotted on a U.S.G.S. topographic map and UTM coordinates are recorded.

When sites are found an Intermountain Antiquities Computer System (IMACS) form was used to record the site. At all sites, selected topographic features, site boundaries, stone tools and cultural features (hearths, foundations, trash dumps and trails) are mapped. Sites were mapped with a Brunton compass, Trimble Geophysical 3 and/or Garmin E-Trex GPS units, and pacing off distances from a mapping station (datum, PVC with aluminum tag). All debitage is inventoried using standard recording techniques (Truesdale et al 1995:7) according to material type, basic flake type, and so on. Selected (mostly complete) stone tools and projectile points are drawn and measured. All features (rockart panel(s), hearths, foundations, trash dumps and trails) are measured and described, while selected features are either drawn or photographed.

Site location data is recorded by a Trimble GeoExplorer 3 Global Positioning System (GPS) and Garmin GPS III Plus and/or a E-Trex GPS. Site elevation and Universal Transverse Mercator (UTM) grid data, its Estimated Position Error (EPE) and Dilution of Precision (DOP) were recorded. Using the GPS data, the site location was then placed on a USGS 7.5' quadrangle map.

## Results

A total of 10 acres (10 block, 0 linear) were surveyed for cultural resources by AIA within and around the proposed Dominion Exploration & Production, Inc. River Bend Unit #5-17E well, along its access and pipeline. As mentioned earlier, the proposed RBU

#5-17E well will be directionally drilled from the existing RBU #6-17E well pad. Therefore, the RBU #5-17E well's proposed access and pipeline is the existing road and pipeline associated with the RBU #6-17E well.

A moderate scatter of modern trash (plastic bottles, sanitary food cans, miscellaneous metal, wire, green, brown and clear glass bottles and bottle fragments, foam insulation, etc.) can be found on and surrounding the existing well pads and along the existing oil and gas field service roads in the River Bend Unit area.

No cultural resources (sites, isolates) were recorded during the survey for the proposed RBU #5-17E well.

### Recommendations

A total of 10 acres (10 block, 0 linear) were surveyed for cultural resources by AIA within and around the proposed Dominion Exploration & Production, Inc. River Bend Unit #5-17E well, along its access and pipeline. As mentioned earlier, the proposed RBU #5-17E well will be directionally drilled from the existing RBU #6-17E well pad. Therefore, the RBU #5-17E well's proposed access and pipeline is the existing road and pipeline associated with the RBU #6-17E well.

A moderate scatter of modern trash (plastic bottles, sanitary food cans, miscellaneous metal, wire, green, brown and clear glass bottles and bottle fragments, foam insulation, etc.) can be found on and surrounding the existing well pads and along the existing oil and gas field service roads in the River Bend Unit area.

Sediments on and surrounding the proposed well pad, and along its access and pipeline are shallow. Therefore, the possibility of buried and/or intact cultural materials on the proposed well pad or along its access and pipeline is low. No additional cultural resources (historic properties, isolates) were recorded during the survey for the proposed RBU #5-17E well, its access and pipeline. Therefore, no additional archaeological work is necessary and clearance is recommended for the construction of the River Bend Unit #5-17E well pad.

REFERENCES CITED

Childs, O.E.

1950 Geologic history of the Uinta Basin, Utah Geological and Mineralogical Survey. Guidebook to the Geology of Utah, No. 5:49-59.

Stokes, William D.

1986 Geology of Utah. Contributions by the Utah Museum of Natural History, and the Utah Geological and Mineral Survey Department of Natural Resources. Utah Museum of Natural History, Occasional Papers, No. 6.

Thornbury, William D.

1965 Regional Geomorphology of the United States. John Wiley & Sons, Inc.

Truesdale, James A., Kathleen E. Hiatt, and Clifford Duncan

1995 Cultural Resource Inventory of the Proposed Ouray Gravel Pit Location, Uintah-Ouray Ute Reservation, Uintah County, Utah. Report prepared for U & W Construction, Ft. Duchesne, Utah by AIA, Laramie, Wyoming.

# PALEONTOLOGY EVALUATION SHEET

---

**PROJECT:** Dominion Exploration Well RBU #5-17E

**LOCATION:** Sixteen miles south of Ouray, Utah. Section 17, 2456' FNL 1763' FWL, T10S, R19E, S.L.B.&M.

**OWNERSHIP:** PRIV[ ] STATE[ ] BLM[X] USFS[ ] NPS[ ] IND[ ] MIL[ ] OTHER[ ]

**DATE:** May 9, 2007

**GEOLOGY/TOPOGRAPHY:** Uinta Formation, lower part, Eocene Age. This well is on an existing well pad, #6-17.

**PALEONTOLOGY SURVEY:** YES [ ] NO Survey [ ] PARTIAL Survey [ X ]  
Performed a pedestrian survey around the perimeter of the existing well pad.

**SURVEY RESULTS:** Invertebrate [ ] Plant [ ] Vertebrate [ ] Trace [ ] No Fossils Found [ X ]

**PALEONTOLOGY SENSITIVITY:** HIGH [ ] MEDIUM [ ] LOW [ X ] (PROJECT SPECIFIC)

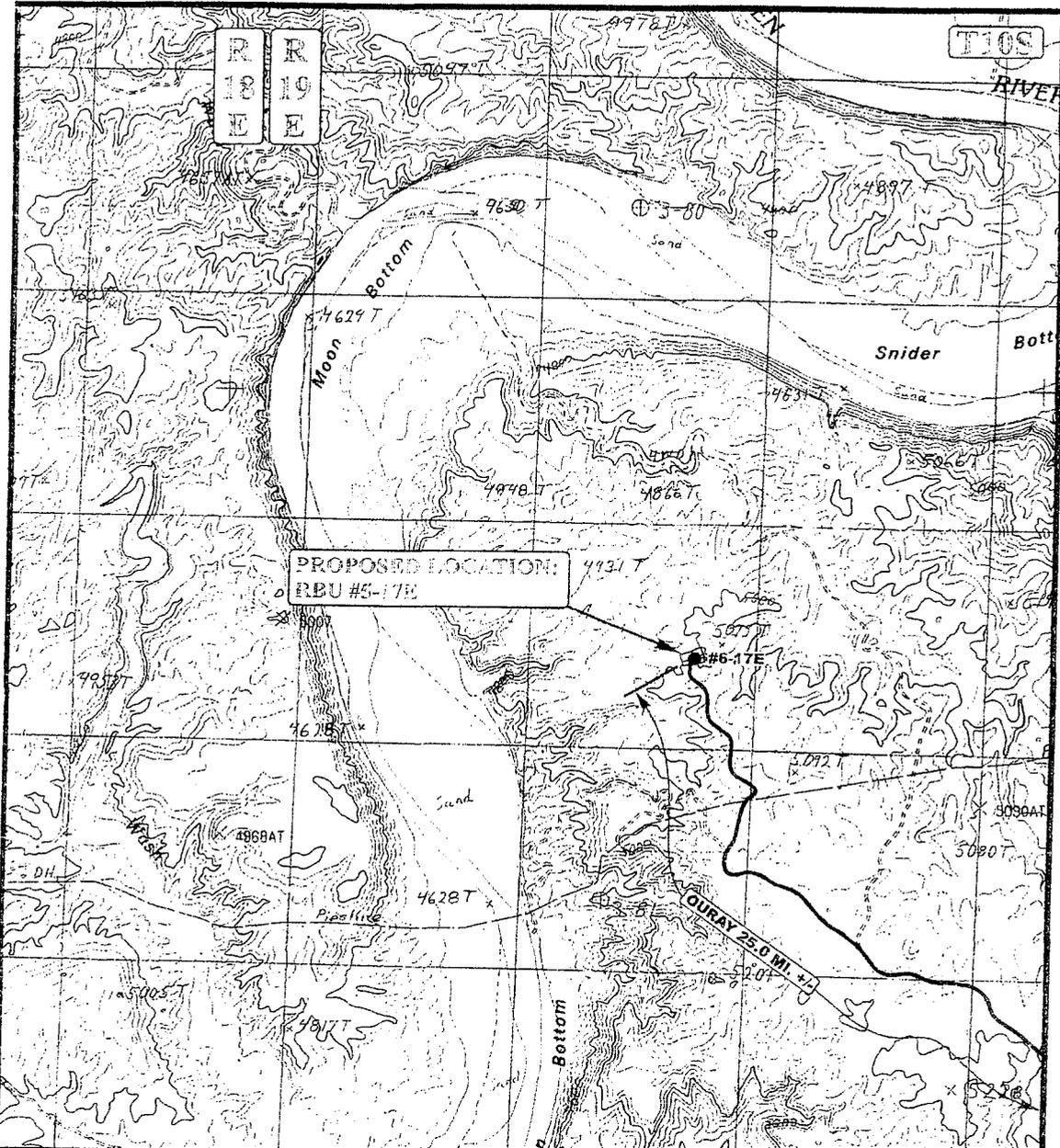
**MITIGATION RECOMMENDATIONS:** NONE [ X ] OTHER [ ] (SEE BELOW)

No recommendations are being made for this well location.

There is always some potential for discovery of significant paleontological resources in the Uinta Formation. If significant vertebrate fossils (mammals, crocodiles, complete turtle shells, etc.) are encountered during construction, work should stop in that area and a paleontologist should be contacted to evaluate the material discovered.

**PALEONTOLOGIST:** Alden H. Hamblin

*A.H. Hamblin Paleontological Consulting, 3793 N. Minersville Highway, Cedar City, Utah 84720 (435) 867-8355*  
Utah State Paleontological Permit # 04-339, BLM paleontological Resources Permit # UT-S-05-02,  
Ute Tribe Access Permits – 09/30/06 & 03/31/07. Utah Professional Geologist License – 5223011-2250.



**LEGEND:**

— EXISTING ROAD

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

RBU #6-17E  
SECTION 17, T10S, R19E, S1.E.&M.  
2456' ETL 1763' FWL

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

MONTH DAY YEAR

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

DOMINION EXPLR. & PROD., INC.  
RBU #5-17E  
SECTION 17, T10S, R19E, S.L.B.&M.

PROCEED IN A WESTERLY DIRECTION FROM VERNAL, UTAH ALONG U.S. HIGHWAY 40 APPROXIMATELY 14.0 MILES TO THE JUNCTION OF STATE HIGHWAY 88; EXIT LEFT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 17.0 MILES TO OURAY, UTAH; PROCEED IN A SOUTHERLY, THEN SOUTHEASTERLY DIRECTION APPROXIMATELY 9.1 MILES ON THE SEEP RIDGE ROAD TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTH; TURN RIGHT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 2.8 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE WEST; TURN RIGHT AND PROCEED IN A WESTERLY, THEN SOUTHWESTERLY DIRECTION APPROXIMATELY 0.5 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTH; TURN RIGHT AND PROCEED IN A NORTHERLY, THEN SOUTHWESTERLY DIRECTION APPROXIMATELY 2.8 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTHWEST; TURN RIGHT AND PROCEED IN A NORTHWESTERLY DIRECTION APPROXIMATELY 2.1 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTH; TURN RIGHT AND PROCEED IN A NORTHERLY, THEN NORTHWESTERLY, THEN SOUTHWESTERLY DIRECTION APPROXIMATELY 3.3 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHEAST; TURN LEFT AND PROCEED IN A SOUTHEASTERLY, THEN SOUTHERLY DIRECTION APPROXIMATELY 1.4 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTHWEST; TURN RIGHT AND PROCEED IN A NORTHWESTERLY DIRECTION APPROXIMATELY 3.0 MILES TO THE PROPOSED LOCATION.

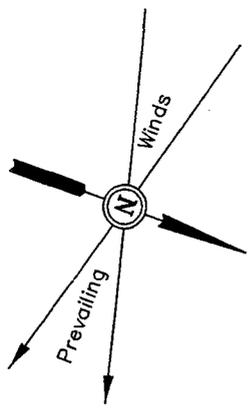
TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 56.0 MILES.

DOMINION EXPLR. & PROD., INC.

LOCATION LAYOUT FOR

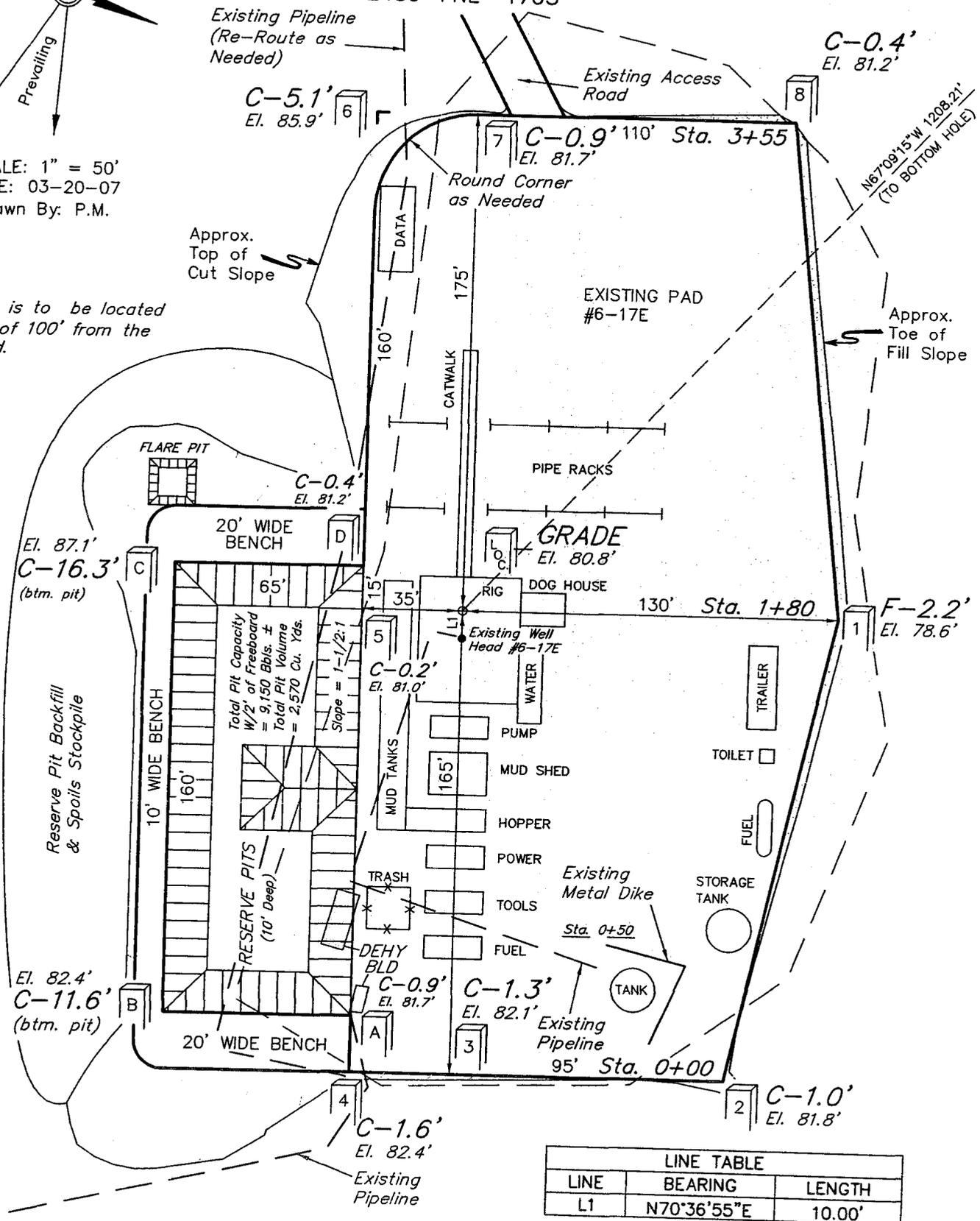
RBU #5-17E  
SECTION 17, T10S, R19E, S.L.B.&M.  
2456' FNL 1763'

*Handwritten signature*



SCALE: 1" = 50'  
DATE: 03-20-07  
Drawn By: P.M.

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



LINE TABLE		
LINE	BEARING	LENGTH
L1	N70°36'55"E	10.00'

Elev. Graded Ground at Location Stake = 4980.8'

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

DOMINION EXPLR. & PROD., INC.

TYPICAL CROSS SECTIONS FOR

RBU #5-17E

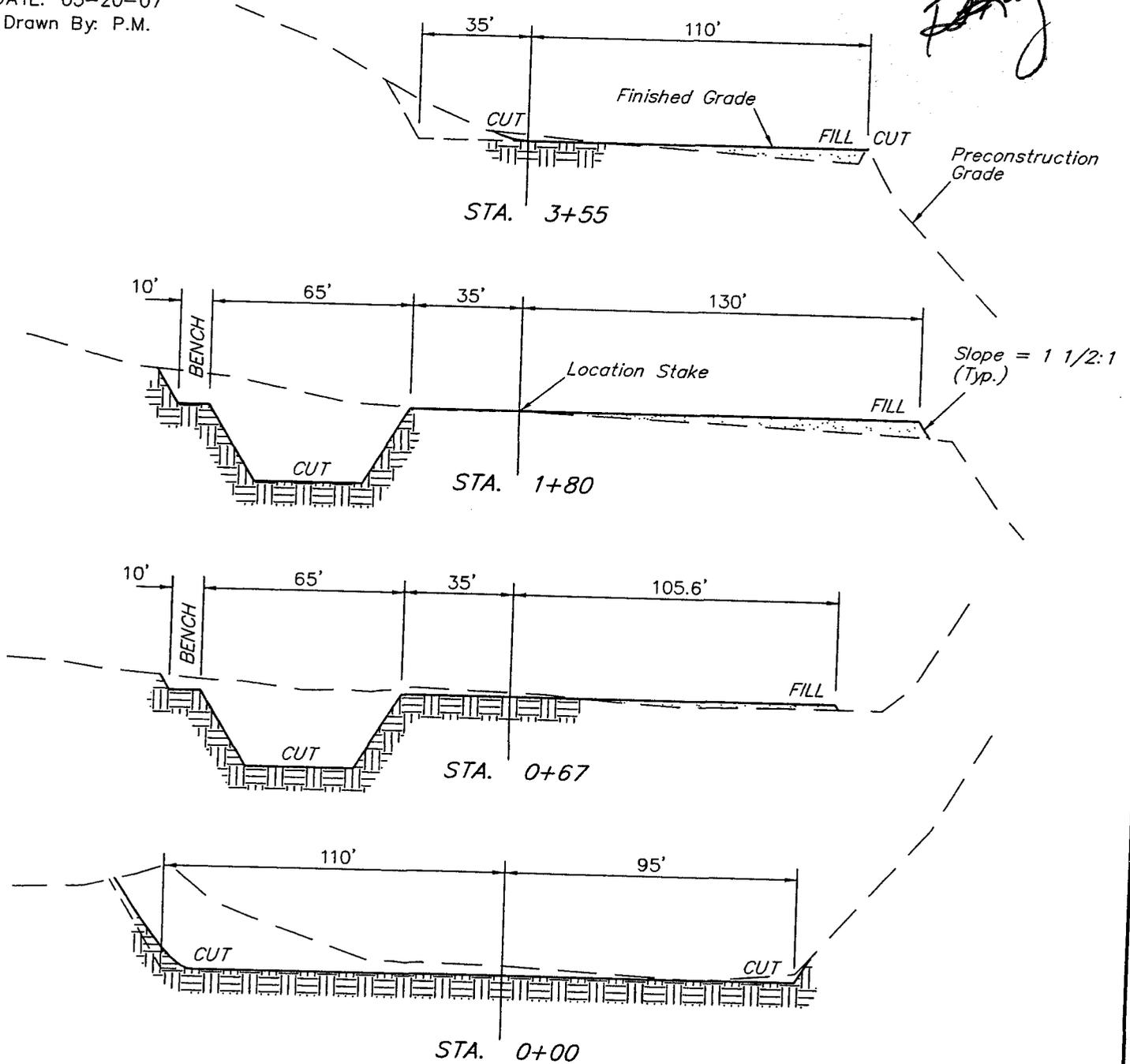
SECTION 17, T10S, R19E, S.L.B.&M.

2456' FNL 1763'

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

DATE: 03-20-07  
Drawn By: P.M.

*DeKay*



\* NOTE:  
FILL QUANTITY INCLUDES  
5% FOR COMPACTION

APPROXIMATE YARDAGES

TOTAL CUT = 4,960 CU.YDS.  
FILL = 1,200 CU.YDS.

EXCESS MATERIAL = 3,760 Cu. Yds.  
Pit Backfill (1/2 Pit Vol.) = 1,290 Cu. Yds.  
EXCESS UNBALANCE = 2,470 Cu. Yds.  
(After Interim Rehabilitation)

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

# DOMINION EXPLR. & PROD., INC.

RBU 75-17E

LOCATED IN UINTAH COUNTY, UTAH  
SECTION 17, T10S, R19E, S.L.B.&M.

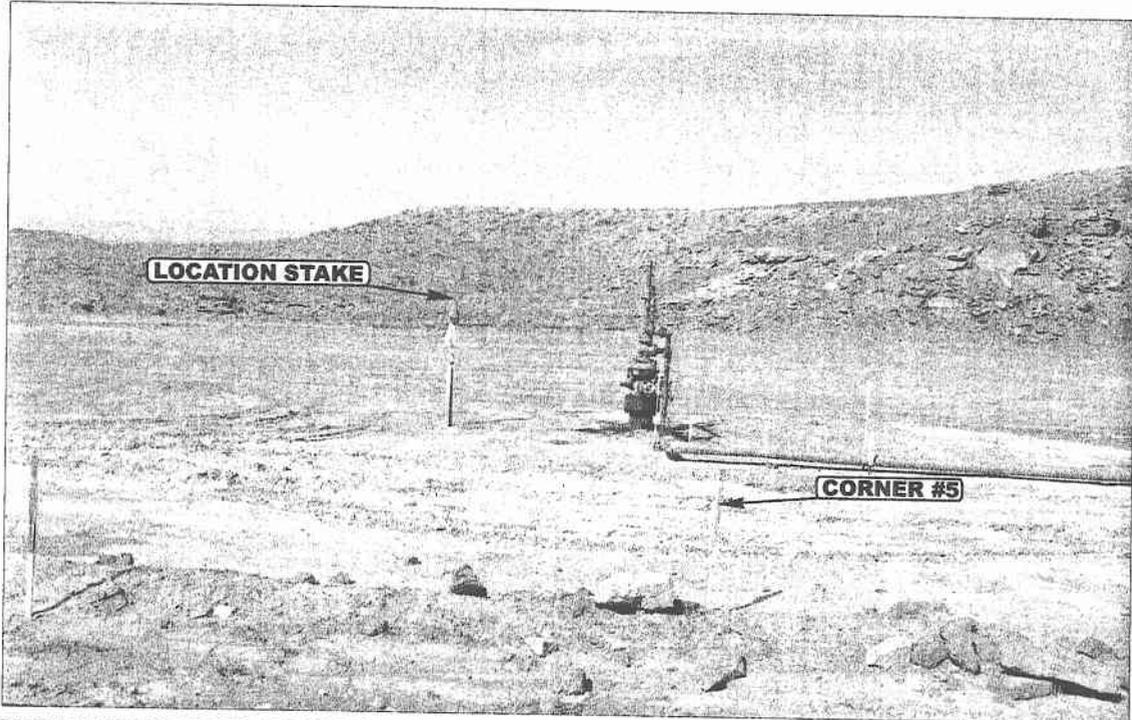


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: NORTHWESTERLY

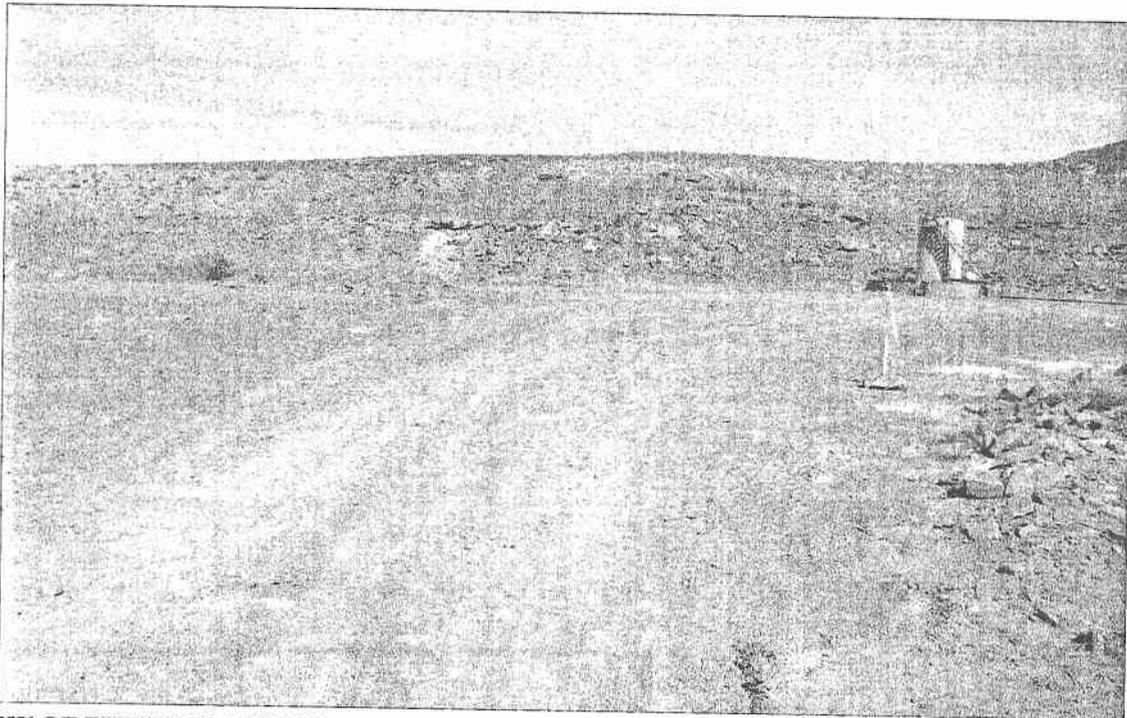


PHOTO: VIEW OF EXISTING ACCESS

CAMERA ANGLE: NORTHEASTERLY



- Since 1964 -

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

DATE	10	1	2	PHOTO
	MONTH	DAY	YEAR	
TAKEN BY: B.B.	DRAWN BY: C.P.		REVISED: 00-00-00	

R 18  
E

R 19  
E

EIGHTMILE

T9S  
T10S

PROPOSED LOCATION:  
RBU #5-17E

SEE TOPO "B"

3.3 MI. +/-

1.4 MI. +/-

17.3 MI. +/-

3.0 MI. +/-

UINTA

Desert

GREEN

HORSE

WILD

CURRY

**LEGEND:**

○ PROPOSED LOCATION



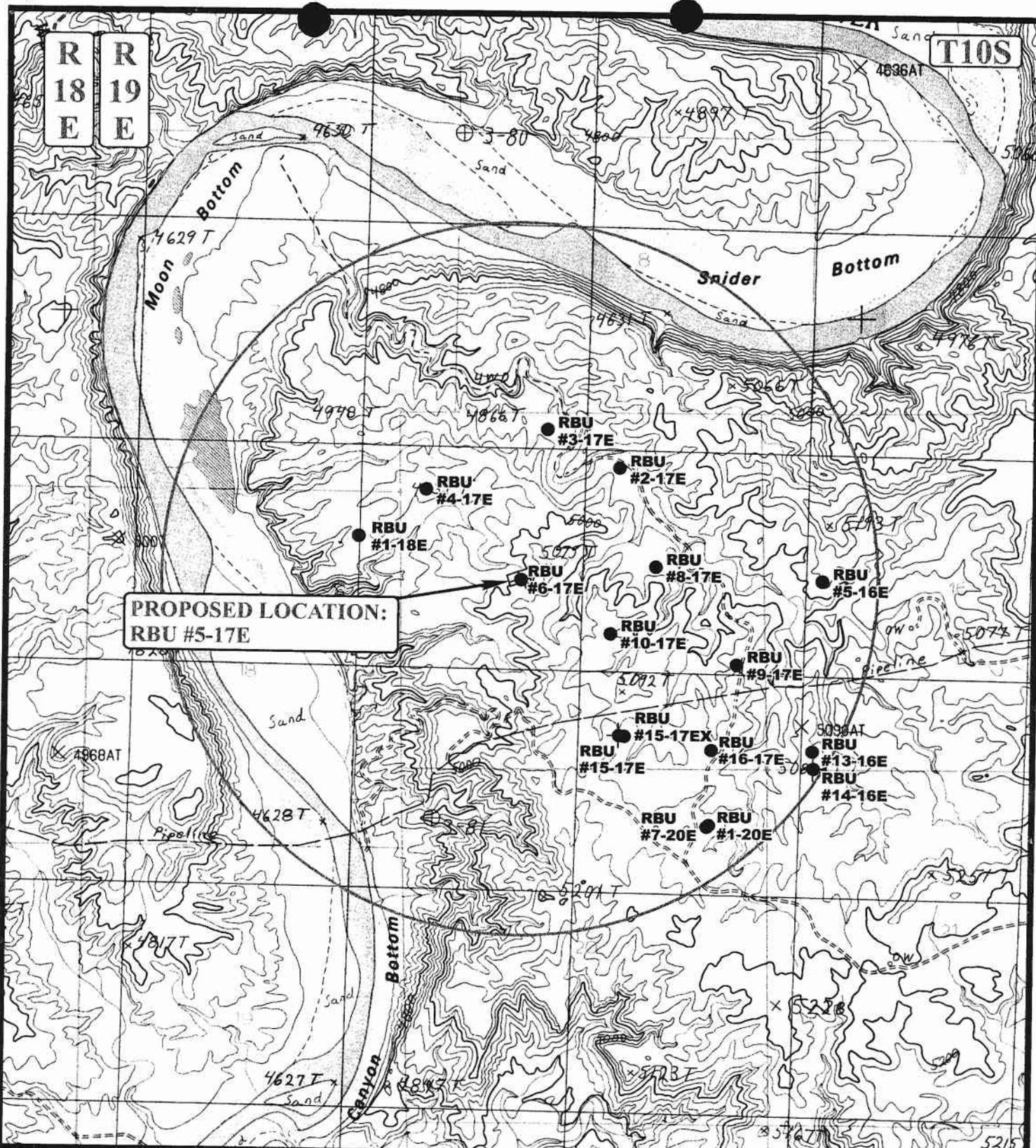
**DOMINION EXPLR. & PROD., INC.**

RBU #5-17E  
SECTION 17, T10S, R19E, S.L.B.&M.  
2456' FNL 1763' FWL

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

TOPOGRAPHIC MAP  
SCALE: 1:100,000 | DRAWN BY: C.P. | REVISED: 00-00-00





**PROPOSED LOCATION:  
RBU #5-17E**

**LEGEND:**

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

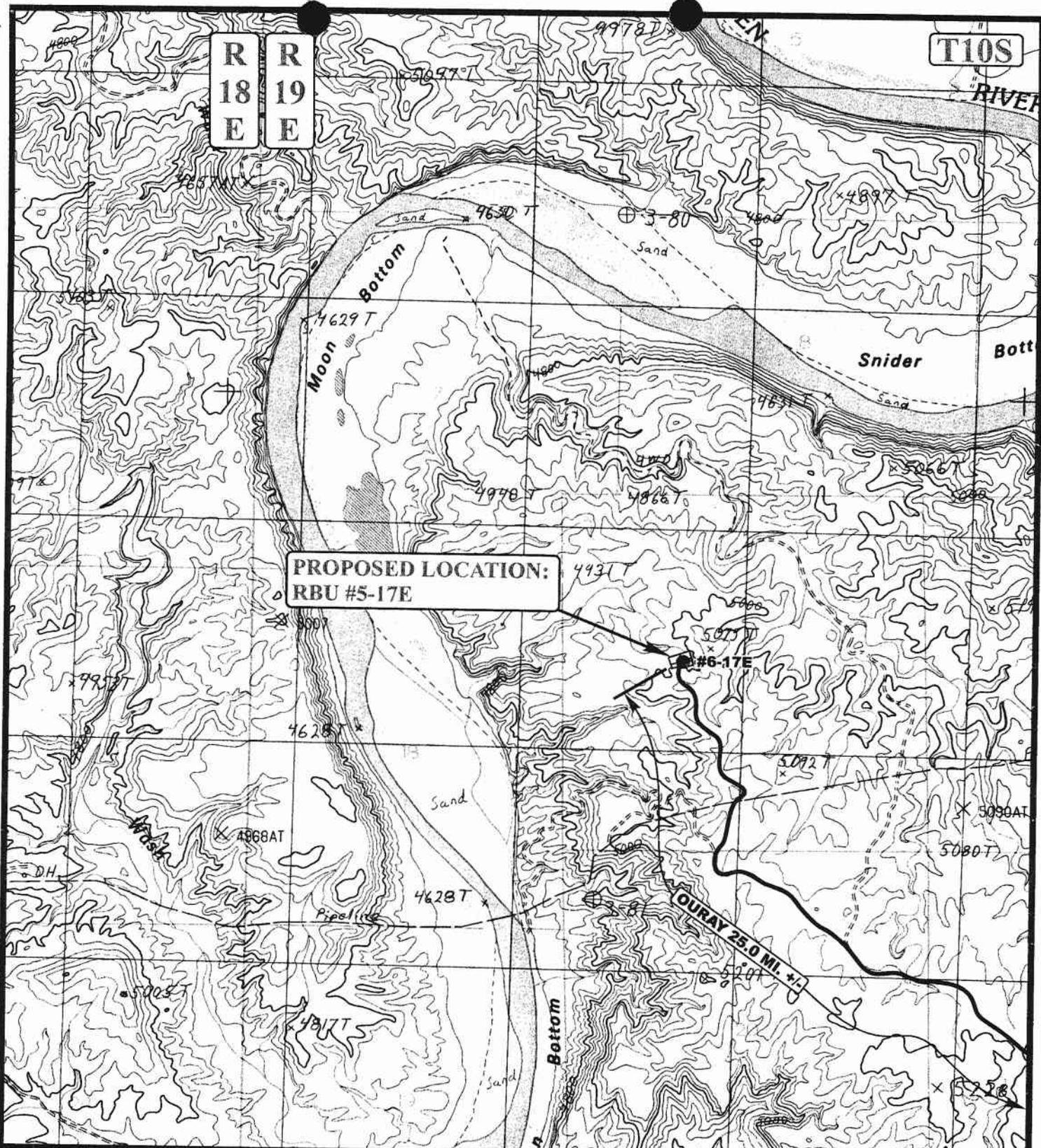
**DOMINION EXPLR. & PROD., INC.**

RBU #5-17E  
SECTION 17, T10S, R19E, S.L.B.&M.  
2456' FNL 1763' FWL

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



TOPOGRAPHIC MAP 03 12 07  
 MONTH DAY YEAR  
 SCALE: 1" = 2000' DRAWN BY: C.P. REVISED: 00-00-00  
**C**  
 TOPO



**LEGEND:**

— EXISTING ROAD

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

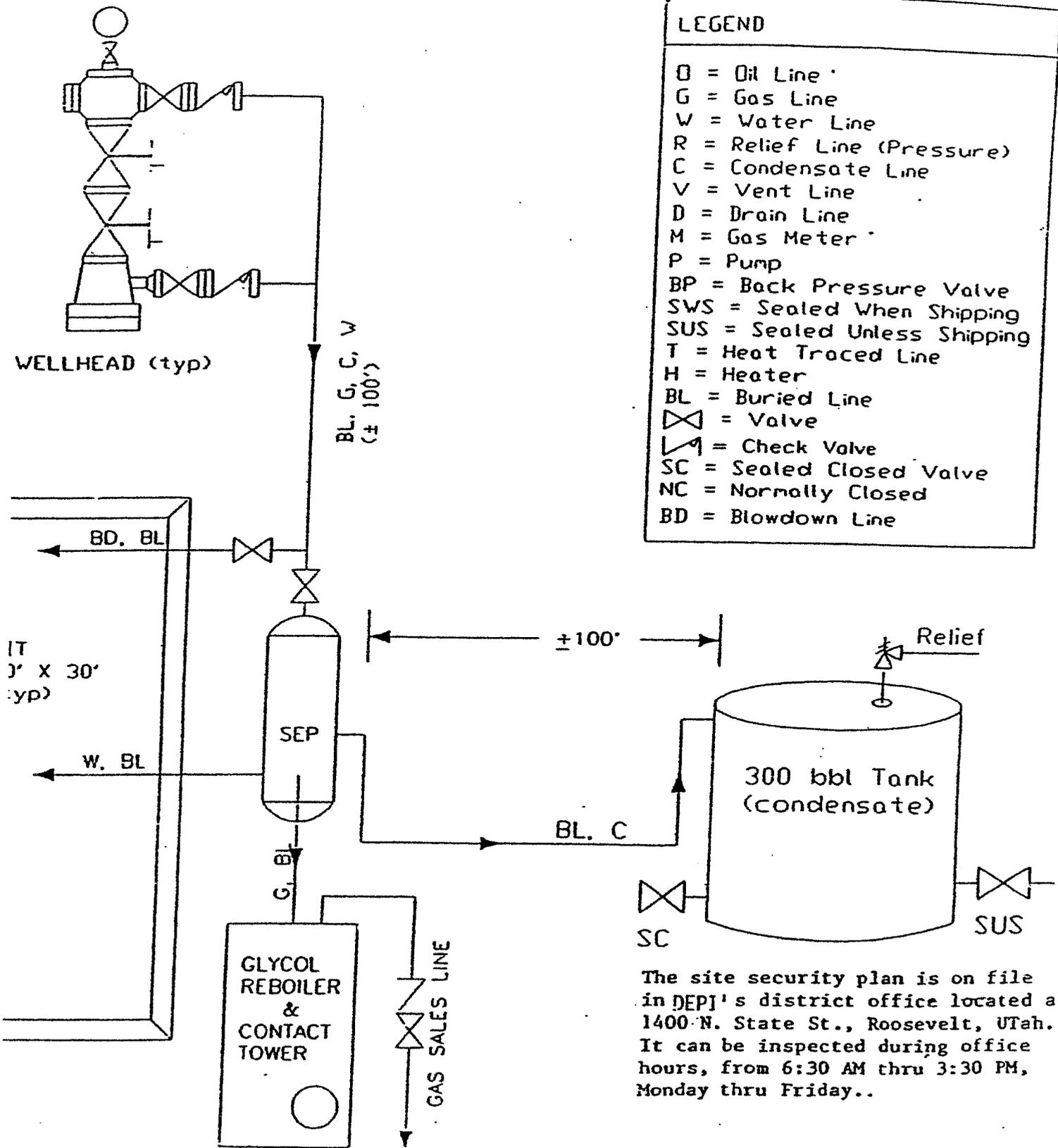
RBU #5-17E  
 SECTION 17, T10S, R19E, S.L.B.&M.  
 2456' FNL 1763' FWL

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



TOPOGRAPHIC MAP 03 12 07  
 MONTH DAY YEAR  
 SCALE: 1" = 2000' DRAWN BY: C.P. REVISED: 00-00-00





**LEGEND**

- B = 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..

**WORKSHEET  
APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 10/16/2007

API NO. ASSIGNED: 43-047-39699

WELL NAME: RBU 5-17E  
 OPERATOR: XTO ENERGY INC ( N2615 )  
 CONTACT: DON HAMILTON

PHONE NUMBER: 435-722-4521

PROPOSED LOCATION:

*S.W. 1/4*

SENW 17 100S 190E  
 SURFACE: 2456 FNL 1763 FWL  
 BOTTOM: 1980 FNL 0660 FWL  
 COUNTY: UINTAH  
 LATITUDE: 39.94676 LONGITUDE: -109.8073  
 UTM SURF EASTINGS: 601891 NORTHINGS: 4422320  
 FIELD NAME: NATURAL BUTTES ( 630 )

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

LEASE TYPE: 1 - Federal  
 LEASE NUMBER: U-03505  
 SURFACE OWNER: 1 - Federal

PROPOSED FORMATION: WSMVD  
 COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

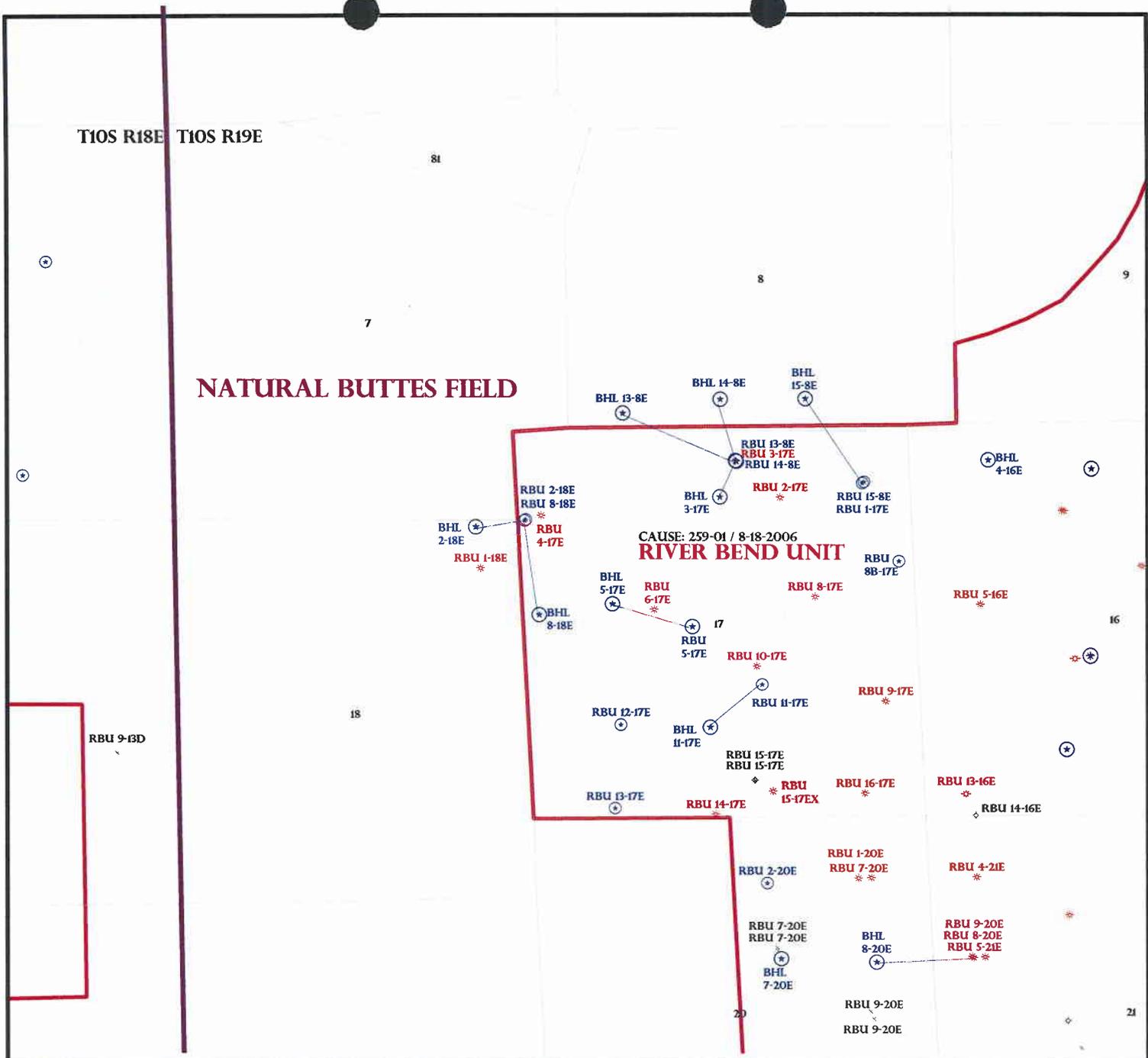
- Plat
- Bond: Fed[1] Ind[] Sta[] Fee[]  
(No. UTB-000138 )
- Potash (Y/N)
- Oil Shale 190-5 (B) or 190-3 or 190-13
- Water Permit  
(No. 43-10447 )
- RDCC Review (Y/N)  
(Date: \_\_\_\_\_ )
- Fee Surf Agreement (Y/N)
- Intent to Commingle (Y/N)

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: 254-01  
Eff Date: 8-18-2006  
Siting: 460' fr u bary & un known Tracts
- R649-3-11. Directional Drill

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

STIPULATIONS: 1- Fee Surf Agreement



OPERATOR: XTO ENERGY INC (N2615)

SEC: 17 T.10S R. 19E

FIELD: NATURAL BUTTES (630)

COUNTY: UINTAH

CAUSE: 259-01 / 8-18-2006

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



OIL, GAS & MINING



PREPARED BY: DIANA MASON  
DATE: 17-OCTOBER-2007

# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Utah State Office

P.O. Box 45155

Salt Lake City, Utah 84145-0155

IN REPLY REFER TO:

3160

(UT-922)

October 17, 2007

Memorandum

To: Assistant District Manager Minerals, Vernal District  
From: Michael Coulthard, Petroleum Engineer  
Subject: 2007 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 well is planned for calendar year 2007 within the River Bend Unit, Uintah County, Utah.

API#	WELL NAME	LOCATION
------	-----------	----------

(Proposed PZ Wasatch/MesaVerde)

43-047-39699	RBU 05-17E Sec 17 T10S R19E 2456 FSL 1763 FWL	
	BHL Sec 17 T10S R19E 1980 FNL 0660 FWL	

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

/s/ Michael L. Coulthard

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

MCoulthard:mc:10-17-07



JON M. HUNTSMAN, JR.  
Governor

GARY R. HERBERT  
Lieutenant Governor

# State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
Executive Director

## Division of Oil Gas and Mining

JOHN R. BAZA  
Division Director

October 18, 2007

XTO Energy Inc.  
P O Box 1360  
Roosevelt, UT 84066

Re: RBU 5-17E Well, Surface Location 2456' FNL, 1763' FWL, SE NW, Sec. 17,  
T. 10 South, R. 19 East, Bottom Location 1980' FNL, 660' FWL, SW NW, Sec. 17,  
T. 10 South, R. 19 East, Uintah County, Utah

Gentlemen:

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

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-39699.

Sincerely,

Gil Hunt  
Associate Director

pab  
Enclosures

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

**Operator:** XTO Energy Inc.  
**Well Name & Number** RBU 5-17E  
**API Number:** 43-047-39699  
**Lease:** U-03505

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

**Conditions of Approval**

**1. General**

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

**2. Notification Requirements**

Notify the Division within 24 hours of spudding the well.

- Contact Carol Daniels at (801) 538-5284

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

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

**3. Reporting Requirements**

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

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

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

October 25, 2007

RECEIVED  
OCT 29 2007

DIV. OF OIL, GAS & MINING

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

RE: Updated Plats for Recently Submitted APD's - XTO Energy, Inc.

- RBU 5-17E 43-047-39699
- RBU 2-18E
- RBU 8-18E
- RBU 13-8E
- RBU 14-8E

Dear Fluid Minerals Group:

On behalf of XTO Energy, Buys & Associates, Inc. respectfully submits the enclosed original and three copies of the above referenced plat packages to replace those previously submitted within the Applications for Permit to Drill (APD's) submitted October 9, 2007. The plat packages reflect XTO Energy, Inc. as the operator and are otherwise unchanged.

Please feel free to contact myself or Ken Secret of XTO Energy at 435-722-4521 if you have any questions or need additional information.

Sincerely,

*Don Hamilton*

Don Hamilton  
Agent for XTO Energy

cc: Diana Mason, Division of Oil, Gas and Mining  
Ken Secret, XTO Energy

FILE COPY

# T10S, R19E, S.L.B.&M.

Sec. 8

XTO ENERGY, INC.

Well location, RBU #5-17E, located as shown in the SE 1/4 NW 1/4 of Section 17, T10S, R19E, S.L.B.&M., Uintah County, Utah.

Sec. 7

1956 Brass Cap  
0.4' High, Mound  
of Stones

N89°38'49"E  
2638.34' (Meas.)

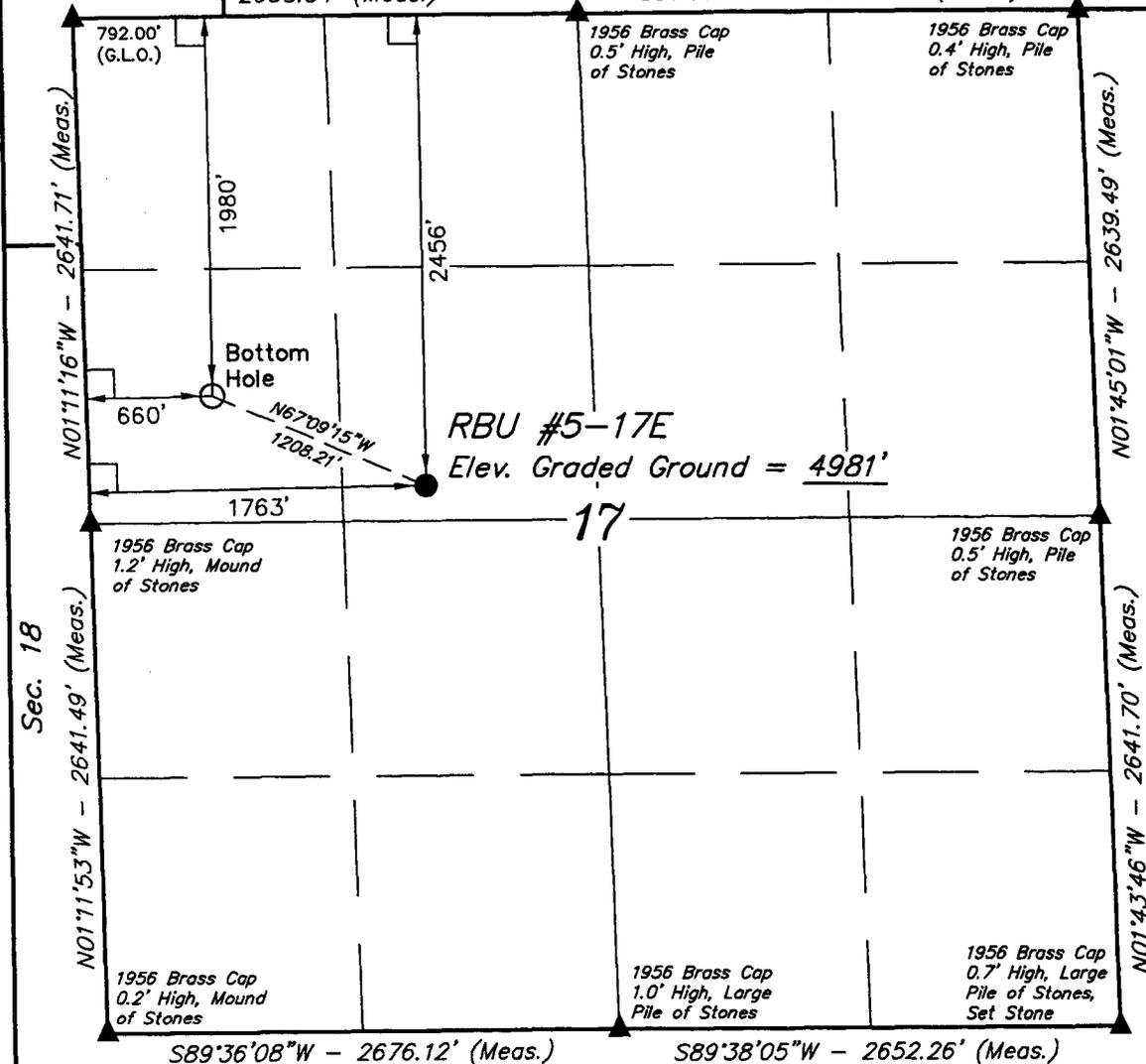
S89°39'14"W - 2639.67' (Meas.)

## BASIS OF ELEVATION

SPOT ELEVATION AT THE SOUTHWEST CORNER OF SECTION 20, T10S, R20E, S.L.B.&M., TAKEN FROM THE BIG PACK MTN. NW QUADRANGLE, UTAH, UINTAH COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5251 FEET.

## BASIS OF BEARINGS

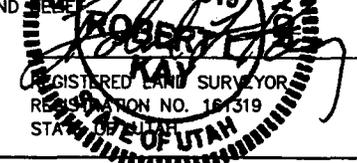
BASIS OF BEARINGS IS A G.P.S. OBSERVATION.



SCALE

## CERTIFICATION

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



REVISED: 10-03-07 L.K.

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

## LEGEND:

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

(NAD 83)  
LATITUDE = 39°56'51.40" (39.947611)  
LONGITUDE = 109°48'35.66" (109.809906)  
(NAD 27)  
LATITUDE = 39°56'51.53" (39.947647)  
LONGITUDE = 109°48'33.15" (109.809208)

SCALE 1" = 1000'	DATE SURVEYED: 03-09-07	DATE DRAWN: 03-20-07
PARTY B.B. S.K. P.M.	REFERENCES G.L.O. PLAT	
WEATHER COOL	FILE XTO ENERGY, INC	

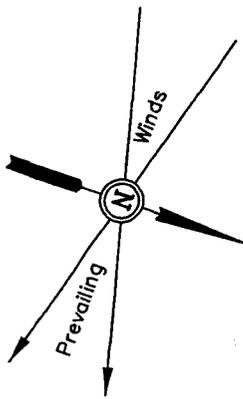
XTO ENERGY, INC.

LOCATION LAYOUT FOR

RBU #5-17E

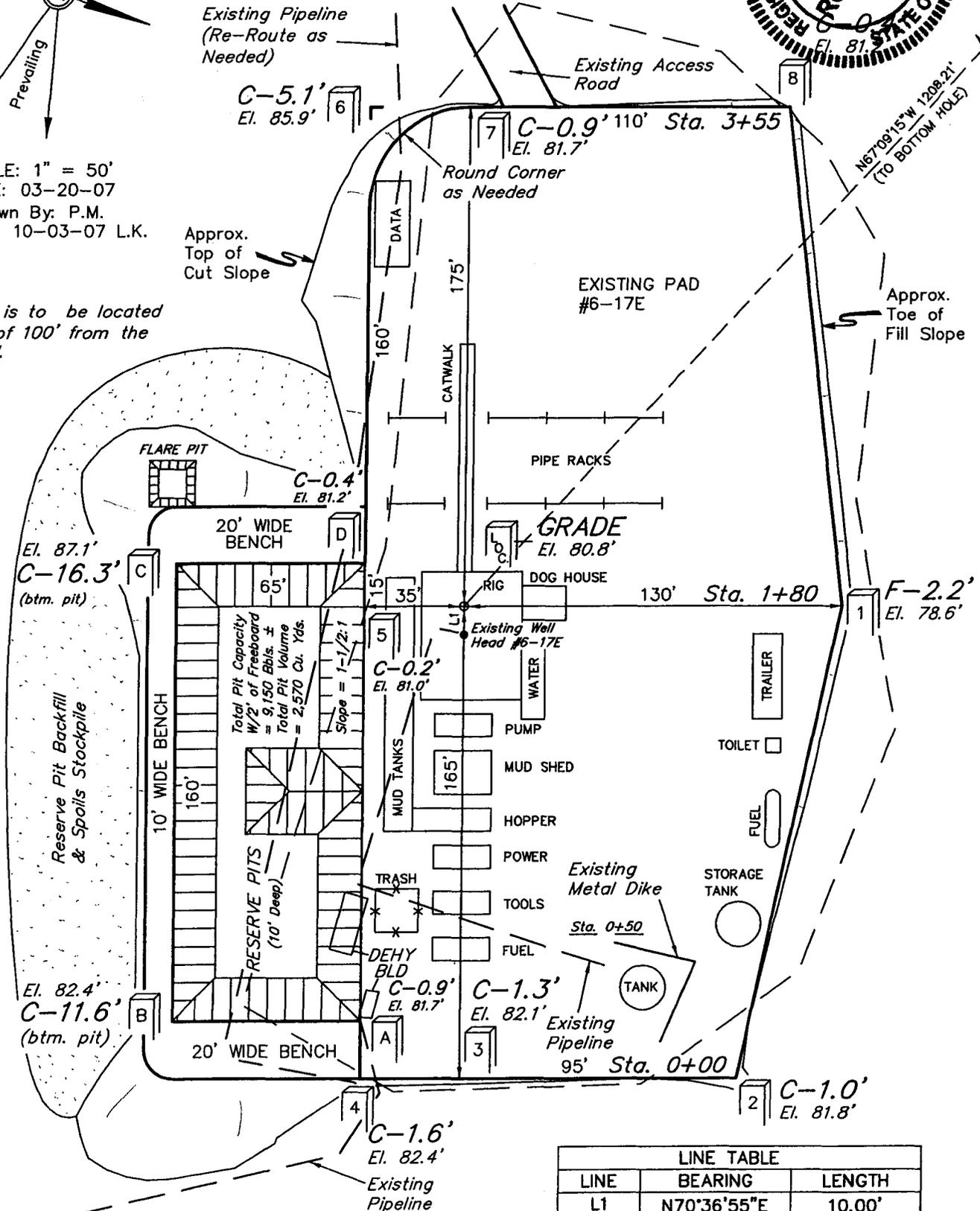
SECTION 17, T10S, R19E, S.L.B.&M.

2456' FNL 1763'



SCALE: 1" = 50'  
 DATE: 03-20-07  
 Drawn By: P.M.  
 REVISED: 10-03-07 L.K.

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



LINE TABLE		
LINE	BEARING	LENGTH
L1	N70°36'55"E	10.00'

Elev. Graded Ground at Location Stake = 4980.8'

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

XTO ENERGY, INC.

TYPICAL CROSS SECTIONS FOR

RBU #5-17E

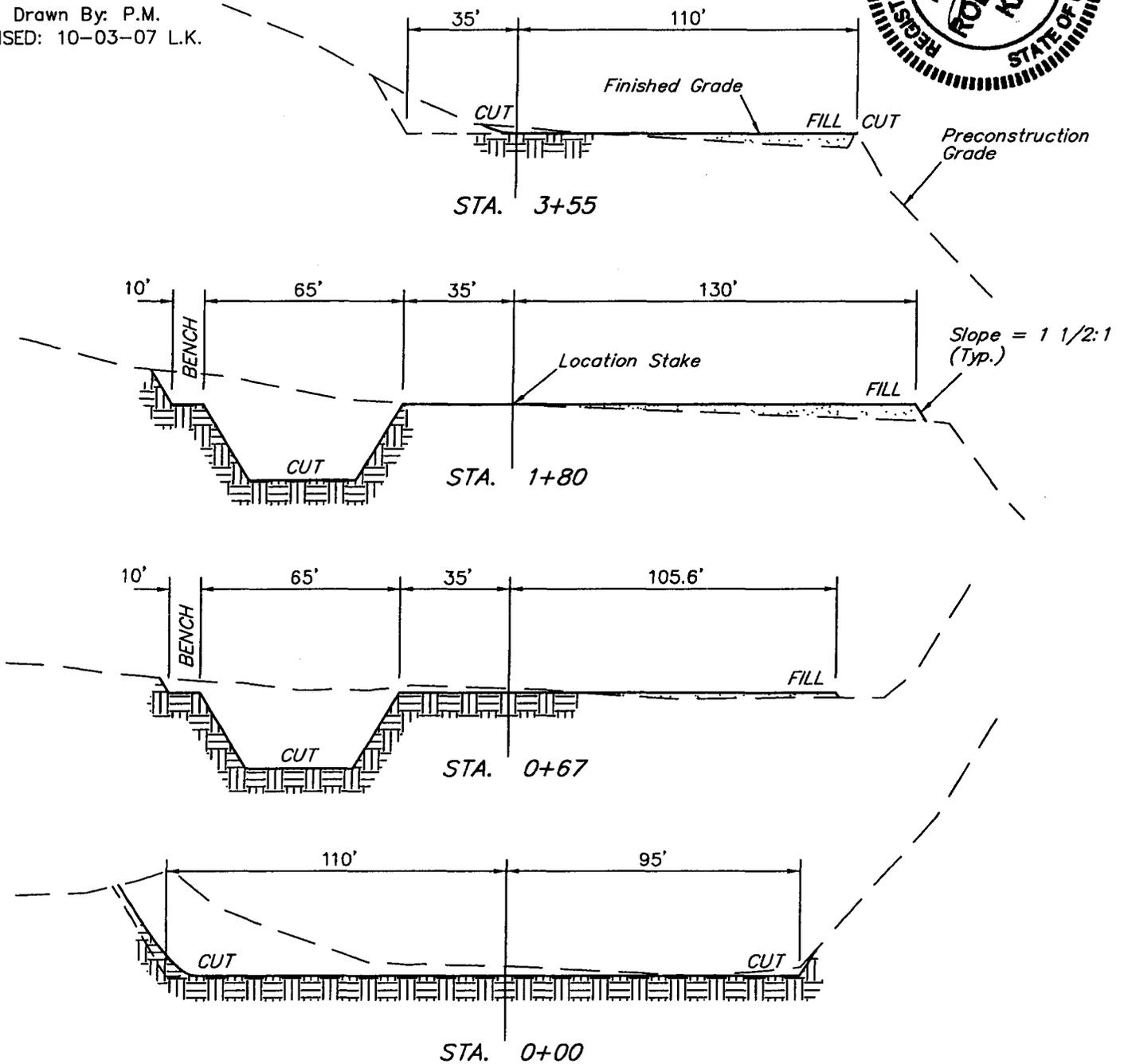
SECTION 17, T10S, R19E, S.L.B.&M.

2456' FNL 1763'



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

DATE: 03-20-07  
Drawn By: P.M.  
REVISED: 10-03-07 L.K.



\* NOTE:  
FILL QUANTITY INCLUDES  
5% FOR COMPACTION

APPROXIMATE YARDAGES

TOTAL CUT = 4,960 CU.YDS.  
FILL = 1,200 CU.YDS.

EXCESS MATERIAL = 3,760 Cu. Yds.  
Pit Backfill = 1,290 Cu. Yds.  
(1/2 Pit Vol.)  
EXCESS UNBALANCE = 2,470 Cu. Yds.  
(After Interim Rehabilitation)

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

**XTO ENERGY, INC.**  
**RBU #5-17E**  
**LOCATED IN UINTAH COUNTY, UTAH**  
**SECTION 17, T10S, R19E, S.L.B.&M.**

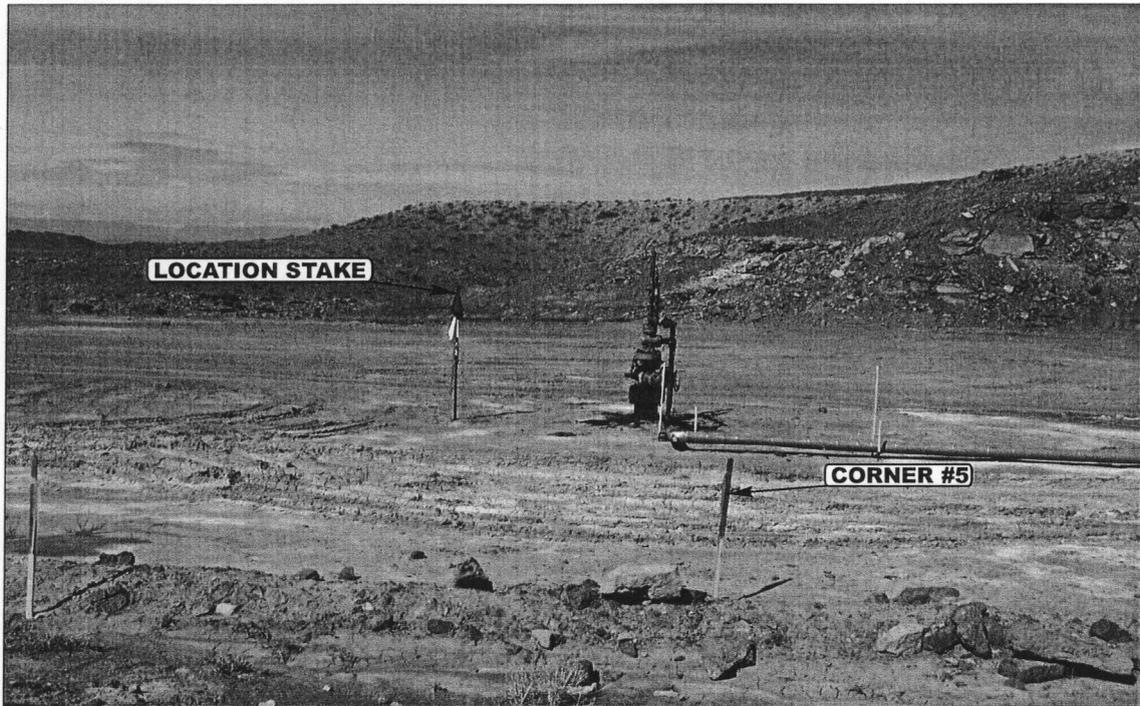


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: NORTHWESTERLY

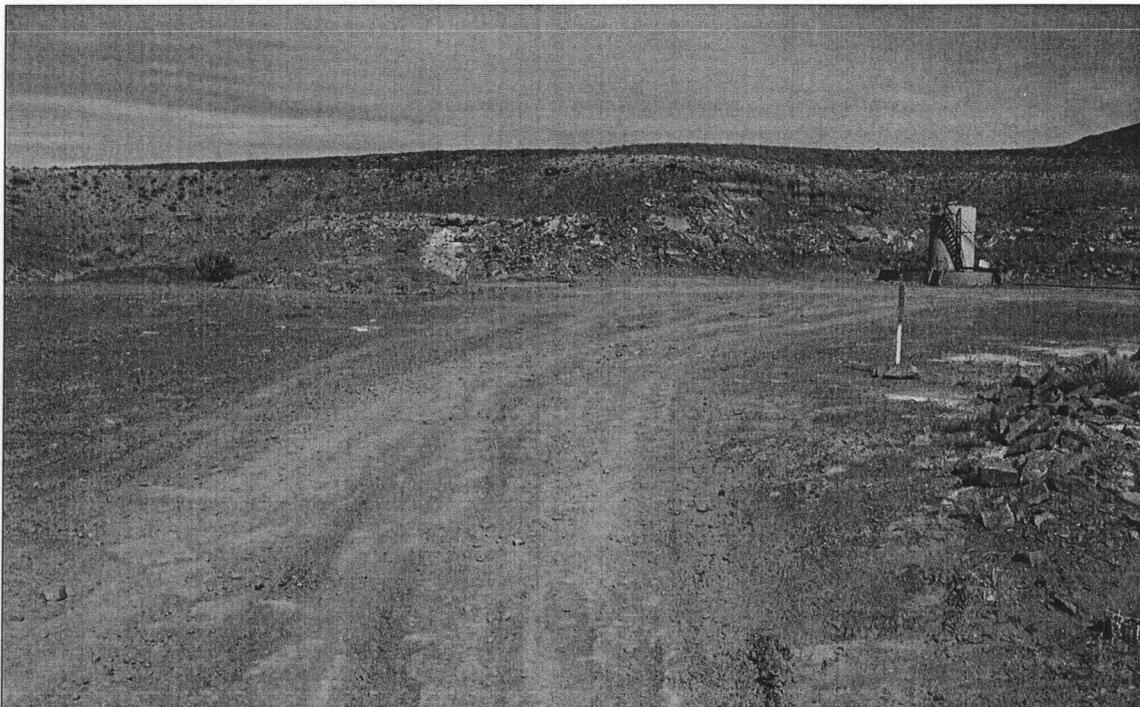


PHOTO: VIEW OF EXISTING ACCESS

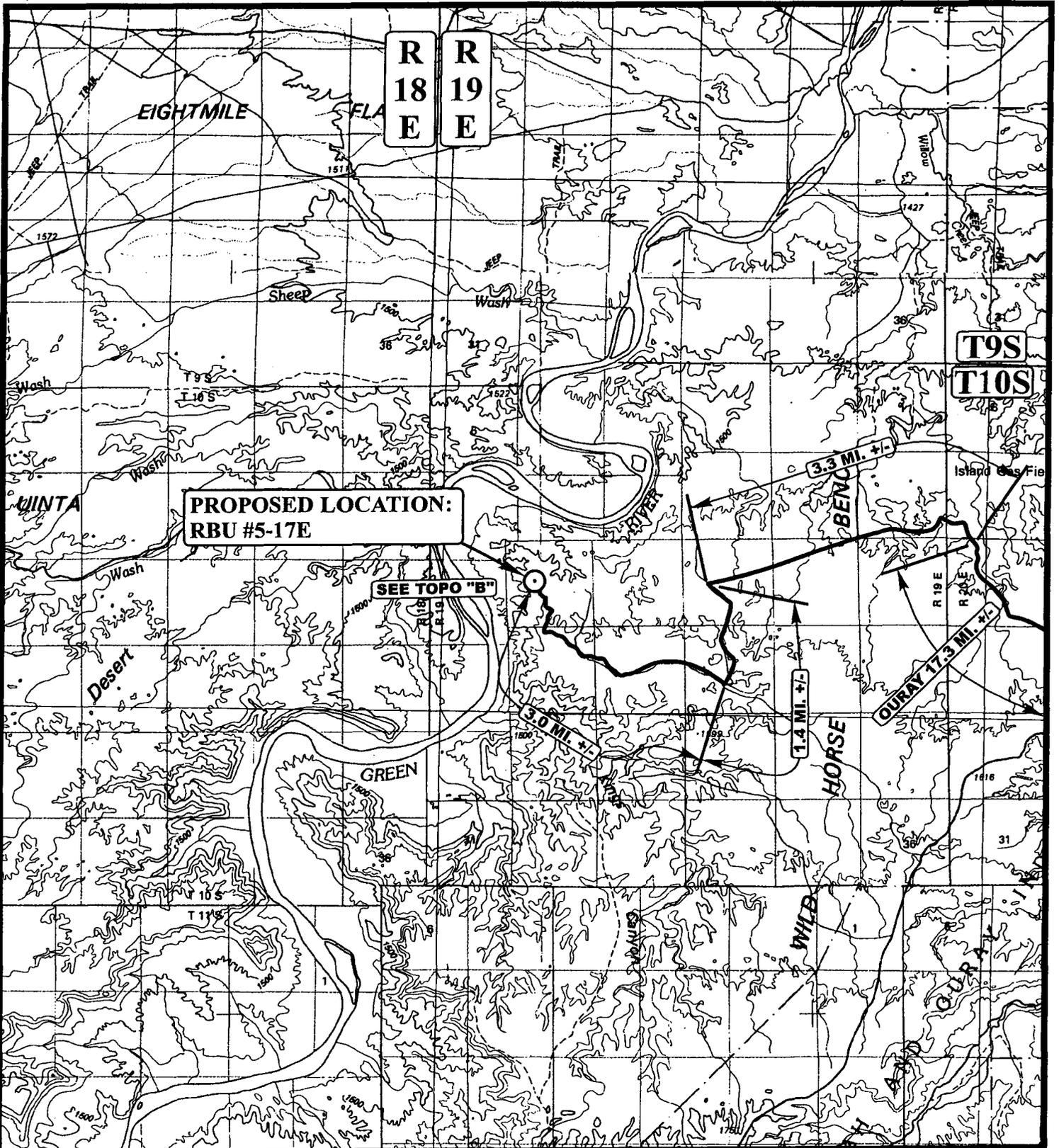
CAMERA ANGLE: NORTHEASTERLY



- Since 1964 -

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

LOCATION PHOTOS			03	12	07	PHOTO
			MONTH	DAY	YEAR	
TAKEN BY: B.B.	DRAWN BY: C.P.	REVISED: 10-04-07 S.G.				



**LEGEND:**

⊙ PROPOSED LOCATION



**XTO ENERGY, INC.**

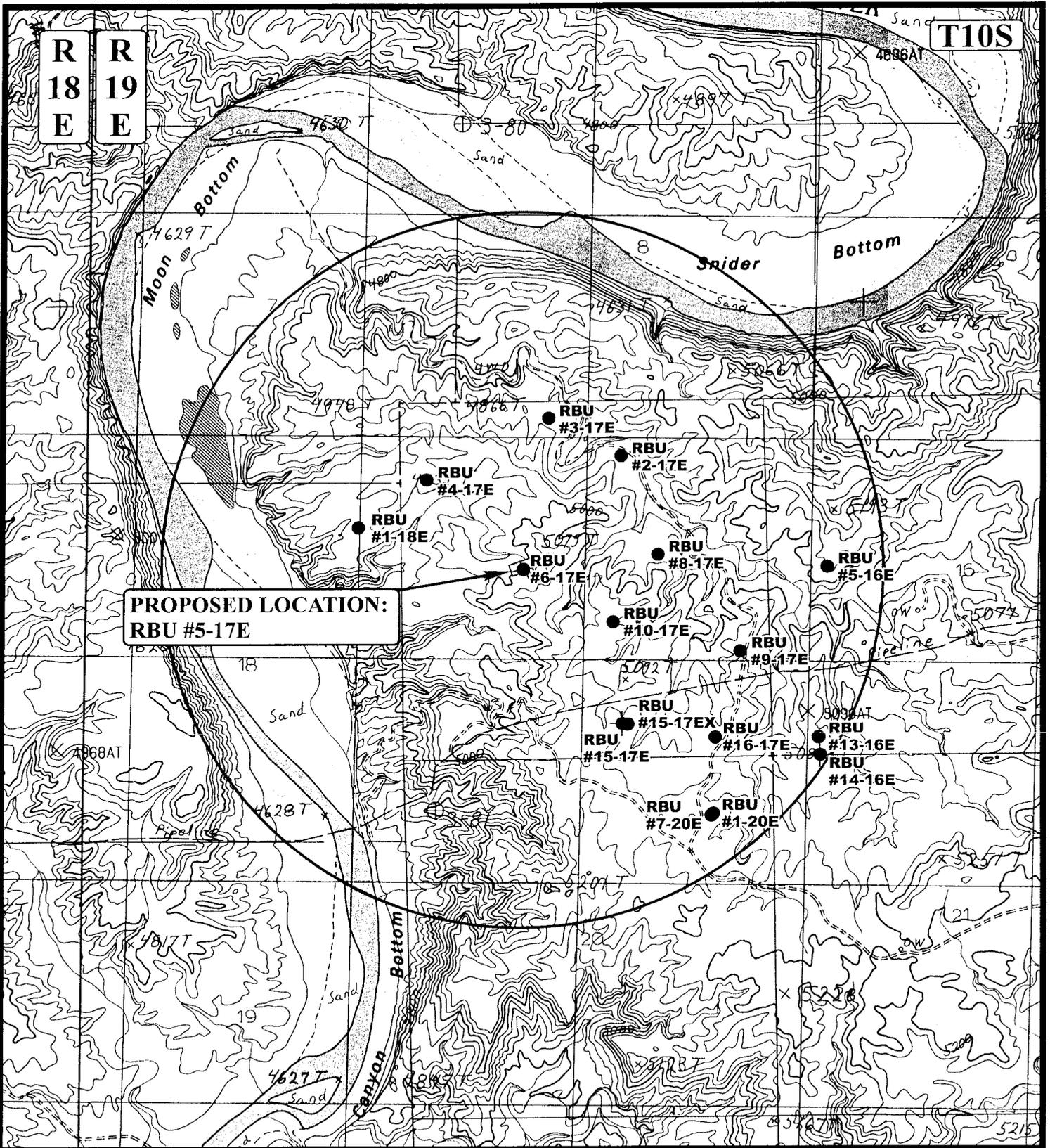
**RBU #5-17E**  
**SECTION 17, T10S, R19E, S.L.B.&M.**  
**2456' FNL 1763' FWL**



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

**TOPOGRAPHIC** **03 12 07**  
**MAP** MONTH DAY YEAR  
 SCALE: 1:100,000 DRAWN BY: C.P. REVISED: 10-04-07 S.G.





**PROPOSED LOCATION:  
RBU #5-17E**

**LEGEND:**

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



**XTO ENERGY, INC.**

**RBU #5-17E  
SECTION 17, T10S, R19E, S.L.B.&M.  
2456' FNL 1763' FWL**



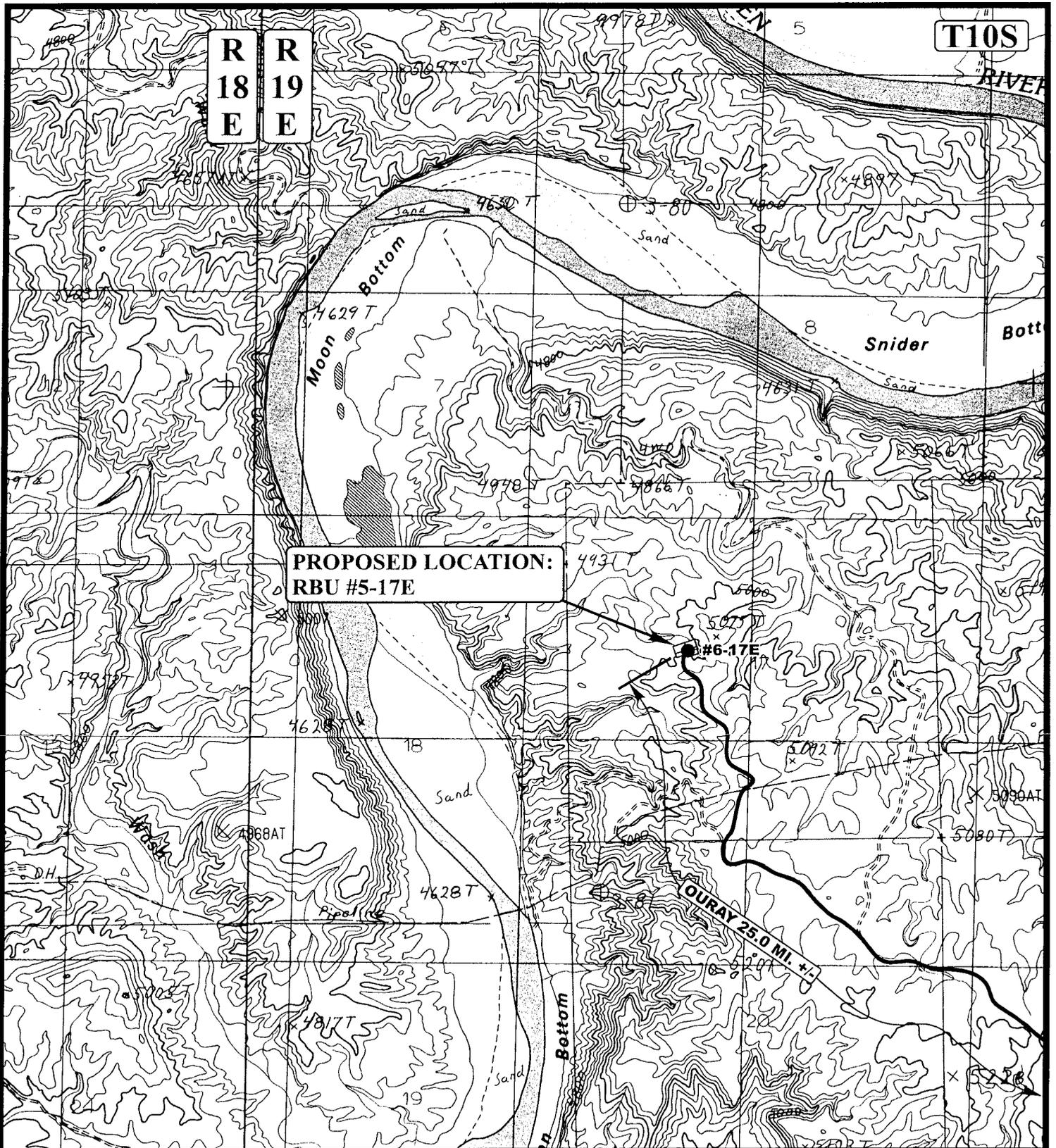
**Utah Engineering & Land Surveying**  
85 South 200 East Vernal, Utah 84078  
(435) 789-1017 \* FAX (435) 789-1813

**TOPOGRAPHIC  
MAP**

<b>03</b>	<b>12</b>	<b>07</b>
MONTH	DAY	YEAR

SCALE: 1" = 2000' DRAWN BY: C.P. REVISED: 10-04-07 S.G.





**PROPOSED LOCATION:  
RBU #5-17E**

**RBU #6-17E**

**OURAY 25.0 MI. +/-**

**LEGEND:**

— EXISTING ROAD



**XTO ENERGY, INC.**

**RBU #5-17E  
SECTION 17, T10S, R19E, S.L.B.&M.  
2456' FNL 1763' FWL**

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

**TOPOGRAPHIC** 03 12 07  
**MAP** MONTH DAY YEAR  
 SCALE: 1" = 2000' DRAWN BY: C.P. REVISED: 10-04-07 S.G.

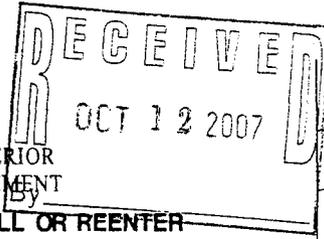
**B**  
**TOPO**

**XTO ENERGY, INC.**  
**RBU #5-17E**  
**SECTION 17, T10S, R19E, S.L.B.&M.**

PROCEED IN A WESTERLY DIRECTION FROM VERNAL, UTAH ALONG U.S. HIGHWAY 40 APPROXIMATELY 14.0 MILES TO THE JUNCTION OF STATE HIGHWAY 88; EXIT LEFT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 17.0 MILES TO OURAY, UTAH; PROCEED IN A SOUTHERLY, THEN SOUTHEASTERLY DIRECTION APPROXIMATELY 9.1 MILES ON THE SEEP RIDGE ROAD TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTH; TURN RIGHT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 2.8 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE WEST; TURN RIGHT AND PROCEED IN A WESTERLY, THEN SOUTHWESTERLY DIRECTION APPROXIMATELY 0.5 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTH; TURN RIGHT AND PROCEED IN A NORTHERLY, THEN SOUTHWESTERLY DIRECTION APPROXIMATELY 2.8 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTHWEST; TURN RIGHT AND PROCEED IN A NORTHWESTERLY DIRECTION APPROXIMATELY 2.1 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTH; TURN RIGHT AND PROCEED IN A NORTHERLY, THEN NORTHWESTERLY, THEN SOUTHWESTERLY DIRECTION APPROXIMATELY 3.3 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHEAST; TURN LEFT AND PROCEED IN A SOUTHEASTERLY, THEN SOUTHERLY DIRECTION APPROXIMATELY 1.4 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTHWEST; TURN RIGHT AND PROCEED IN A NORTHWESTERLY DIRECTION APPROXIMATELY 3.0 MILES TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 56.0 MILES.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT



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

**APPLICATION FOR PERMIT TO DRILL OR REENTER**

5. Lease Serial No. <b>U-03505</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 S-17E</b>	
9. API Well No. <b>43 047 391699</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 type="checkbox"/> Single Zone <input checked="" type="checkbox"/> Multiple Zone	11. Sec., T R. M. or Blk. and Survey or Area <b>Section 17, T10S, R19E, SLB&amp;M</b>
2. Name of Operator <b>XTO Energy, Inc.</b>	12. County or Parish <b>Utah</b>
3a. Address <b>PO Box 1360; 978 North Crescent Roosevelt, UT 84066</b>	13. State <b>UT</b>
3b. Phone No. (include area code) <b>435-722-4521</b>	
4. Location of Well (Report location clearly and in accordance with any State requirements.) At surface <b>2,456' FNL &amp; 1,763' FWL, SE/4 NW/4,</b> At proposed prod. zone <b>1,980' FNL &amp; 660' FWL, SW/4 NW/4,</b>	
14. Distance in miles and direction from nearest town or post office* <b>12.00 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>875'</b>	16. No. of acres in lease <b>1057.35 acres</b>
17. Spacing Unit dedicated to this well <b>40 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>9,730' MD (9,498' TVD)</b>
20. BLM/BIA Bond No. on file <b>UTB-000138</b>	
21. Elevations (Show whether DF, KDB, RT, GL, etc.) <b>4,981' GR</b>	22. Approximate date work will start* <b>01/01/2008</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>10/09/2007</b>
-----------------------------------	---	---------------------------

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

Approved by (Signature) <b>Jerry Kevorka</b>	Name (Printed/Typed) <b>Jerry Kevorka</b>	Date <b>2-7-2008</b>
--	--	-------------------------

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)

**CONDITIONS OF APPROVAL ATTACHED**

**NOTICE OF APPROVAL**

**RECEIVED**

**FEB 11 2008**

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



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

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



**CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL**

<b>Company:</b>	<b>XTO Energy, Inc.</b>	<b>Location:</b>	<b>SENW, Sec 17, T10S, R19E</b>
<b>Well No:</b>	<b>RBU 5-17E</b>	<b>Lease No:</b>	<b>UTU-03505</b>
<b>API No:</b>	<b>43-047-39699</b>	<b>Agreement:</b>	<b>River Bend Unit</b>

<b>Title</b>	<b>Name</b>	<b>Office Phone Number</b>	<b>Cell Phone Number</b>
Petroleum Engineer:	Matt Baker	(435) 781-4490	(435) 828-4470
Petroleum Engineer:	Michael Lee	(435) 781-4432	(435) 828-7875
Petroleum Engineer:	James Ashley	(435) 781-4470	(435) 828-7874
Petroleum Engineer:	Ryan Angus	(435) 781-4430	(435) 828-7368
Supervisory Petroleum Technician:	Jamie Sparger	(435) 781-4502	(435) 828-3913
NRS/Enviro Scientist:	Karl Wright	(435) 781-4484	(435) 828-7381
NRS/Enviro Scientist:	Holly Villa	(435) 781-4404	
NRS/Enviro Scientist:		(435) 781-4476	
NRS/Enviro Scientist:	Chuck MacDonald	(435) 781-4441	(435) 828-7481
NRS/Enviro Scientist:	Michael Cutler	(435) 781-3401	(435) 828-3546
NRS/Enviro Scientist:	Anna Figueroa	(435) 781-3407	(435) 828-3548
NRS/Enviro Scientist:	Verlyn Pindell	(435) 781-3402	(435) 828-3547
NRS/Enviro Scientist:	Darren Williams	(435) 781-4447	
NRS/Enviro Scientist:	Nathan Packer	(435) 781-3405	(435) 828-3545

Fax: (435) 781-3425

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

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

**NOTIFICATION REQUIREMENTS**

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

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

General Surface COAs

- If there is an active Gilsonite mining operation within 2 miles of the well location, operator shall notify the Gilsonite operator at least 48 hours prior to any blasting during construction.
- If paleontological materials are uncovered during construction, the operator is to immediately stop work and contact the Authorized Officer AO. A report will be prepared by a BLM permitted paleontologist and submitted to the AO at the completion of surface disturbing activities.

Specific Surface COAs

- Surface Conditions of Approval or monitoring are listed in the Surface Use Plan of the APDs.
- The interim reclamation will be completed as proposed in the APD.
- The buried pipelines will be buried adjacent to the existing roads.
- 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.

## **DOWNHOLE CONDITIONS OF APPROVAL**

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

- 2M BOPE shall be installed and tested before drilling out the 13 3/8" inch casing shoe.
- All casing strings below the conductor shall be pressure tested to 0.22 psi/foot or 1500 psi, whichever is greater but not to exceed 70% of the internal yield.
- The 9 5/8" intermediate casing cement shall extend a minimum of 200 feet above the 13 3/8" surface casing shoe.
- The production casing cement shall extend a minimum of 200 feet above the 9 5/8" intermediate casing shoe.
- Logging program: Gamma Ray shall be run from TD to surface.

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

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

- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.
- Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.
- All BOPE components shall be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a test pump with a chart recorder and **NOT** by the rig pumps. Test shall be reported in the driller's log.
- BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.
- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.
- No aggressive/fresh hard-banded drill pipe shall be used within casing.
- **Cement baskets shall not be run on surface casing.**
- The operator must report all shows of water or water-bearing sands to the BLM. If flowing water is encountered it must be sampled, analyzed, and a copy of the analyses submitted to the BLM Vernal Field Office.

- The operator must report encounters of all non oil & gas mineral resources (such as Gilsonite, tar sands, oil shale, trona, etc.) to the Vernal Field Office, in writing, within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.
- A complete set of angular deviation and directional surveys of a directional well will be submitted to the Vernal BLM office engineer within 30 days of the completion of the well.
- While actively drilling, chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.
- A cement bond log (CBL) will be run from the production casing shoe to the top of cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.
- **Please submit an electronic copy of all other logs run on this well in LAS format to [UT\\_VN\\_Welllogs@BLM.gov](mailto:UT_VN_Welllogs@BLM.gov). This submission will supersede the requirement for submittal of paper logs to the BLM.**
- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. Any changes in operation must have prior approval from the BLM Vernal Field Office.

## OPERATING REQUIREMENT REMINDERS:

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

deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.

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

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: 2456' FNL & 1763' FWL SENW SEC.17 (F) -T10S-R19E, SLB&M**  
**BHL: 1980' FNL & 660' FWL SWNW SEC.17 (E) -T10S-R19E, SLB&M**

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

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.  
**RBU 5-17E**

9. API Well No.  
**43-047-39699**

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

11. County or Parish, State  
**UINTAH 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"/> 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 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
			<input type="checkbox"/> Water Shut-Off
			<input type="checkbox"/> Well Integrity
			<input type="checkbox"/> Other _____

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. proposes to make changes to the current drilling program per 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: Dolena Johnson

Federal Approval Of This  
Action is Necessary

RECEIVED

JUN 09 2008

DIV OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct  
 Name (Printed/Typed) **DOLENA JOHNSON**  
 Title **REGULATORY CLERK**  
 Signature Dolena Johnson  
 Date **06/06/2008**

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	

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**

# XTO ENERGY INC.

RBU 5-17E

APD Data

June 5, 2008

Location: 2458' FNL & 1763' FWL, Sec. 17, T10S, R19E County: Uintah State: Utah  
Bottomhole Location: 1980' FNL & 660' FWL, Sec. 17, T10S, R19E

GREATEST PROJECTED TD: 9712' MD/ 9500' TVD OBJECTIVE: Wasatch/Mesaverde  
APPROX GR ELEV: 4981' Est KB ELEV: 4995' (14' AGL)

## 1. MUD PROGRAM:

INTERVAL	0' to 2306'	2306' to 9712'
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 ±2306'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'-2306'	2306'	36#	J-55	ST&C	2020	3520	394	8.921	8.765	2.57	4.47	4.75

Production Casing: 5.5" casing set at ±9712'MD/9500'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'-9712'	9712'	17#	N-80	LT&C	6280	7740	348	4.892	4.767	1.75	2.15	2.11

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

## 3. WELLHEAD:

- 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.
- 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:

- Surface: 9.625", 36#, J-55 (or equiv.), ST&C casing to be set at ±2306' in 12.25" hole.

### LEAD:

±230 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" surface casing is 1298.0 ft<sup>3</sup>. Slurry includes 75% excess of calculated open hole annular volume to 2306'.*

B. Production: 5.5", 17#, N-80 (or equiv.), LT&C casing to be set at ±9712' in 7.875" hole.

LEAD:

±329 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 1616.0 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 1806' 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 (9712') to the bottom of the surface csg. Run Neutron/Lithodensity/Pe/GR/Cal from TD (9712') to 2306'. 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 5-17E

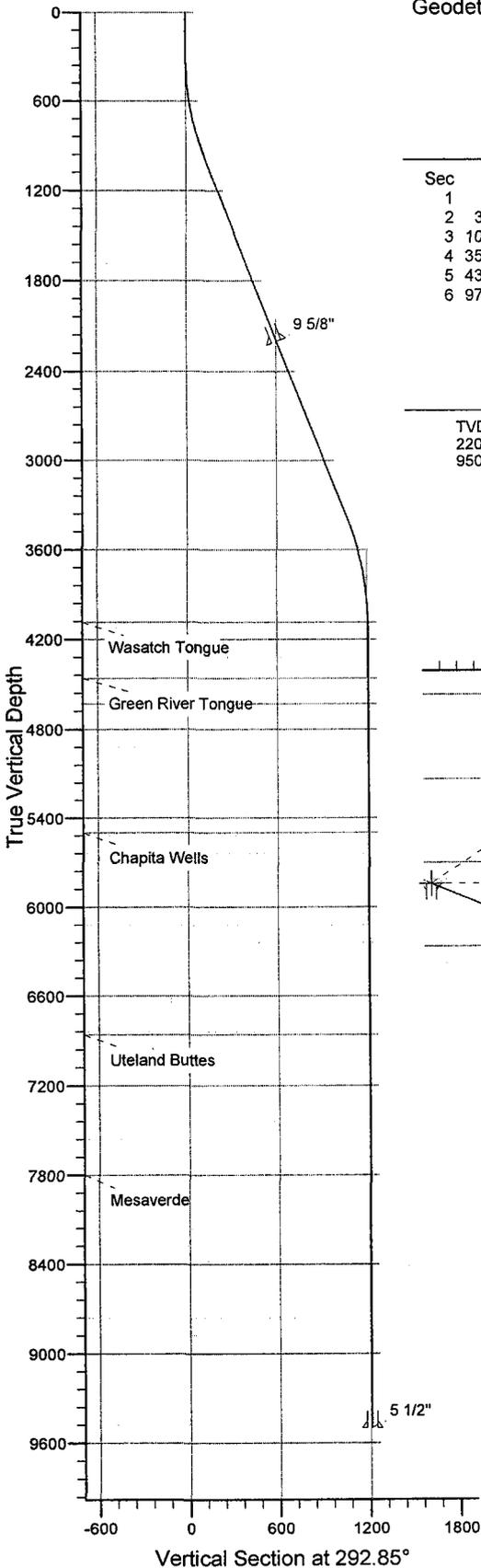
San Juan Division  
Drilling Department

Calculation Method: Minimum Curvature  
Geodetic Datum: North American Datum 1983  
Lat: 39° 56' 51.400 N  
Long: 109° 48' 35.662 W



Azimuths to True North  
Magnetic North: 11.66°

Magnetic Field  
Strength: 52647.5nT  
Dip Angle: 65.86°  
Date: 9/26/2007  
Model: IGRF200510



### SECTION DETAILS

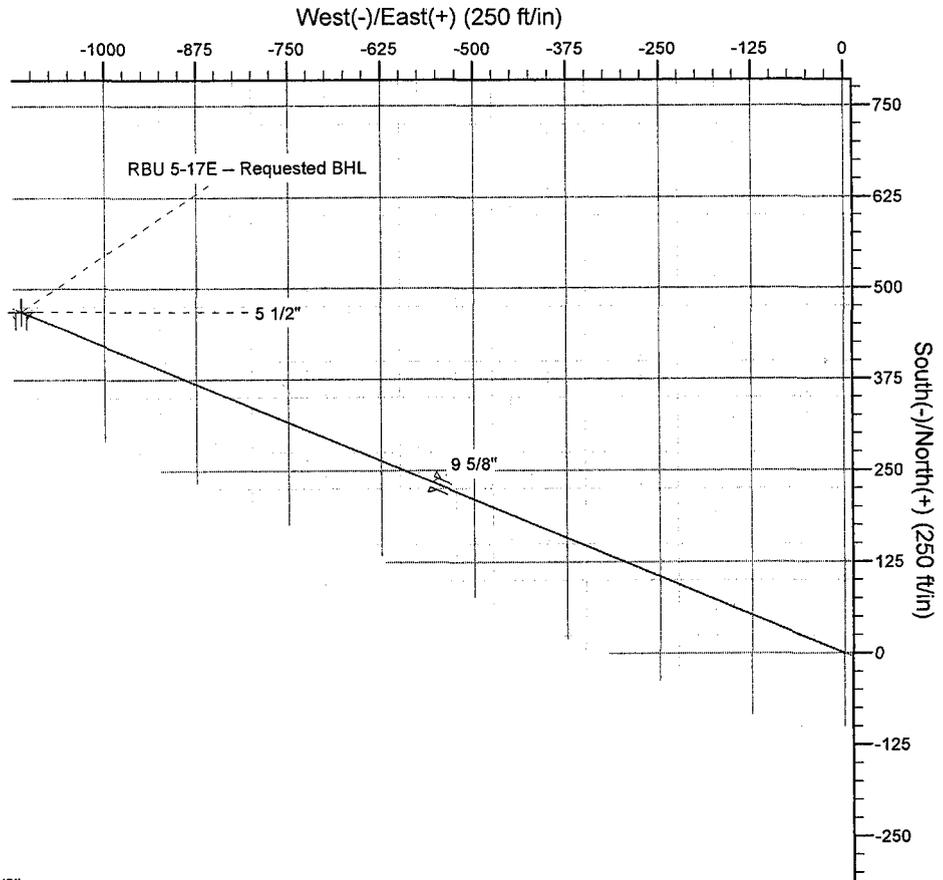
Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	300.0	0.00	0.00	300.0	0.0	0.0	0.00	0.00	0.0	
3	1014.6	21.44	292.85	998.1	51.3	-121.8	3.00	292.85	132.1	
4	3597.2	21.44	292.85	3401.9	417.8	-991.7	0.00	0.00	1076.1	
5	4311.8	0.00	0.00	4100.0	469.1	-1113.4	3.00	180.00	1208.2	RBU 5-17E -- Requested BHL
6	9711.8	0.00	0.00	9500.0	469.1	-1113.4	0.00	0.00	1208.2	

### CASING DETAILS

TVD	MD	Name	Size
2200.0	2305.9	9 5/8"	9-5/8
9500.0	9711.8	5 1/2"	5-1/2

### FORMATION TOP DETAILS

TVDPath	MDPath	Formation
4085.0	4296.8	Wasatch Tongue
4460.0	4671.8	Green River Tongue
4630.0	4841.8	Wasatch
5500.0	5711.8	Chapita Wells
6860.0	7071.8	Uteland Buttes
7800.0	8011.8	Mesaverde



# **XTO Energy**

**Natural Buttes Wells(NAD83)**

**RBU 5-17E**

**RBU 5-17E**

**RBU 5-17E**

**Plan: Sundry'd Wellbore**

## **Standard Planning Report**

**05 June, 2008**

# XTO Energy, Inc.

## Planning Report

**Database:** EDM 2003.14 Single User Db  
**Company:** XTO Energy  
**Project:** Natural Buttes Wells(NAD83)  
**Site:** RBU 5-17E  
**Well:** RBU 5-17E  
**Wellbore:** RBU 5-17E  
**Design:** Sundry'd Wellbore

**Local Co-ordinate Reference:** Well RBU 5-17E  
**TVD Reference:** Rig KB @ 4995.0ft (Frontier #6)  
**MD Reference:** Rig KB @ 4995.0ft (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 5-17E, T10S, R19E		
<b>Site Position:</b>		<b>Northing:</b>	3,144,905.32 ft
<b>From:</b>	Lat/Long	<b>Easting:</b>	2,114,351.12 ft
<b>Position Uncertainty:</b>	0.0 ft	<b>Slot Radius:</b>	"
		<b>Latitude:</b>	39° 56' 51.400 N
		<b>Longitude:</b>	109° 48' 35.662 W
		<b>Grid Convergence:</b>	1.11 °

<b>Well:</b>	RBU 5-17E, S-Well to Wasatch/Mesaverde		
<b>Well Position</b>	<b>+N/-S</b>	0.0 ft	<b>Northing:</b> 3,144,905.32 ft
	<b>+E/-W</b>	0.0 ft	<b>Easting:</b> 2,114,351.12 ft
<b>Position Uncertainty</b>	0.0 ft	<b>Wellhead Elevation:</b>	4,981.0 ft
		<b>Latitude:</b>	39° 56' 51.400 N
		<b>Longitude:</b>	109° 48' 35.662 W
		<b>Ground Level:</b>	4,981.0 ft

<b>Wellbore:</b>	RBU 5-17E				
<b>Magnetics</b>	<b>Model Name</b>	<b>Sample Date</b>	<b>Declination</b>	<b>Dip Angle</b>	<b>Field Strength</b>
	IGRF200510	9/26/2007	(°)	(°)	(nT)
			11.66	65.86	52,647

<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	292.85

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	
1,014.6	21.44	292.85	998.1	51.3	-121.8	3.00	3.00	0.00	292.85	
3,597.2	21.44	292.85	3,401.9	417.8	-991.7	0.00	0.00	0.00	0.00	
4,311.8	0.00	0.00	4,100.0	469.1	-1,113.4	3.00	-3.00	0.00	180.00	RBU 5-17E -- Reques
9,711.8	0.00	0.00	9,500.0	469.1	-1,113.4	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 5-17E  
**Well:** RBU 5-17E  
**Wellbore:** RBU 5-17E  
**Design:** Sundry'd Wellbore

**Local Co-ordinate Reference:** Well RBU 5-17E  
**TVD Reference:** Rig KB @ 4995.0ft (Frontier #6)  
**MD Reference:** Rig KB @ 4995.0ft (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	292.85	400.0	1.0	-2.4	2.6	3.00	3.00	0.00
500.0	6.00	292.85	499.6	4.1	-9.6	10.5	3.00	3.00	0.00
600.0	9.00	292.85	598.8	9.1	-21.7	23.5	3.00	3.00	0.00
700.0	12.00	292.85	697.1	16.2	-38.5	41.7	3.00	3.00	0.00
800.0	15.00	292.85	794.3	25.3	-60.0	65.1	3.00	3.00	0.00
900.0	18.00	292.85	890.2	36.3	-86.1	93.5	3.00	3.00	0.00
1,000.0	21.00	292.85	984.4	49.2	-116.9	126.9	3.00	3.00	0.00
1,014.6	21.44	292.85	998.1	51.3	-121.8	132.1	3.00	3.00	0.00
1,100.0	21.44	292.85	1,077.5	63.4	-150.5	163.3	0.00	0.00	0.00
1,200.0	21.44	292.85	1,170.6	77.6	-184.2	199.9	0.00	0.00	0.00
1,300.0	21.44	292.85	1,263.7	91.8	-217.9	236.4	0.00	0.00	0.00
1,400.0	21.44	292.85	1,356.8	106.0	-251.6	273.0	0.00	0.00	0.00
1,500.0	21.44	292.85	1,449.9	120.2	-285.3	309.5	0.00	0.00	0.00
1,600.0	21.44	292.85	1,542.9	134.4	-319.0	346.1	0.00	0.00	0.00
1,700.0	21.44	292.85	1,636.0	148.6	-352.6	382.6	0.00	0.00	0.00
1,800.0	21.44	292.85	1,729.1	162.7	-386.3	419.2	0.00	0.00	0.00
1,900.0	21.44	292.85	1,822.2	176.9	-420.0	455.7	0.00	0.00	0.00
2,000.0	21.44	292.85	1,915.3	191.1	-453.7	492.3	0.00	0.00	0.00
2,100.0	21.44	292.85	2,008.3	205.3	-487.4	528.8	0.00	0.00	0.00
2,200.0	21.44	292.85	2,101.4	219.5	-521.0	565.4	0.00	0.00	0.00
2,300.0	21.44	292.85	2,194.5	233.7	-554.7	601.9	0.00	0.00	0.00
2,305.9	21.44	292.85	2,200.0	234.5	-556.7	604.1	0.00	0.00	0.00
<b>9 5/8"</b>									
2,400.0	21.44	292.85	2,287.6	247.9	-588.4	638.5	0.00	0.00	0.00
2,500.0	21.44	292.85	2,380.7	262.1	-622.1	675.0	0.00	0.00	0.00
2,600.0	21.44	292.85	2,473.8	276.3	-655.8	711.6	0.00	0.00	0.00
2,700.0	21.44	292.85	2,566.8	290.5	-689.5	748.1	0.00	0.00	0.00
2,800.0	21.44	292.85	2,659.9	304.7	-723.1	784.7	0.00	0.00	0.00
2,900.0	21.44	292.85	2,753.0	318.8	-756.8	821.2	0.00	0.00	0.00
3,000.0	21.44	292.85	2,846.1	333.0	-790.5	857.8	0.00	0.00	0.00
3,100.0	21.44	292.85	2,939.2	347.2	-824.2	894.3	0.00	0.00	0.00
3,200.0	21.44	292.85	3,032.2	361.4	-857.9	930.9	0.00	0.00	0.00
3,300.0	21.44	292.85	3,125.3	375.6	-891.6	967.4	0.00	0.00	0.00
3,400.0	21.44	292.85	3,218.4	389.8	-925.2	1,004.0	0.00	0.00	0.00
3,500.0	21.44	292.85	3,311.5	404.0	-958.9	1,040.5	0.00	0.00	0.00
3,597.2	21.44	292.85	3,401.9	417.8	-991.7	1,076.1	0.00	0.00	0.00
3,600.0	21.35	292.85	3,404.6	418.2	-992.6	1,077.1	3.00	-3.00	0.00
3,700.0	18.35	292.85	3,498.6	431.4	-1,023.9	1,111.1	3.00	-3.00	0.00
3,800.0	15.35	292.85	3,594.3	442.6	-1,050.6	1,140.0	3.00	-3.00	0.00
3,900.0	12.35	292.85	3,691.4	451.9	-1,072.7	1,164.0	3.00	-3.00	0.00
4,000.0	9.35	292.85	3,789.6	459.2	-1,090.0	1,182.8	3.00	-3.00	0.00
4,100.0	6.35	292.85	3,888.6	464.5	-1,102.6	1,196.5	3.00	-3.00	0.00
4,200.0	3.35	292.85	3,988.3	467.8	-1,110.4	1,204.9	3.00	-3.00	0.00
4,296.8	0.45	292.85	4,085.0	469.1	-1,113.4	1,208.2	3.00	-3.00	0.00
<b>Wasatch Tongue</b>									
4,300.0	0.35	292.85	4,088.2	469.1	-1,113.4	1,208.2	3.00	-3.00	0.00
4,311.8	0.00	0.00	4,100.0	469.1	-1,113.4	1,208.2	3.00	-3.00	0.00
<b>RBU 5-17E -- Requested BHL</b>									
4,400.0	0.00	0.00	4,188.2	469.1	-1,113.4	1,208.2	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 5-17E  
**Well:** RBU 5-17E  
**Wellbore:** RBU 5-17E  
**Design:** Sundry'd Wellbore

**Local Co-ordinate Reference:** Well RBU 5-17E  
**TVD Reference:** Rig KB @ 4995.0ft (Frontier #6)  
**MD Reference:** Rig KB @ 4995.0ft (Frontier #6)  
**North Reference:** True  
**Survey Calculation Method:** Minimum Curvature

### Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
4,500.0	0.00	0.00	4,288.2	469.1	-1,113.4	1,208.2	0.00	0.00	0.00
4,600.0	0.00	0.00	4,388.2	469.1	-1,113.4	1,208.2	0.00	0.00	0.00
4,671.8	0.00	0.00	4,460.0	469.1	-1,113.4	1,208.2	0.00	0.00	0.00
<b>Green River Tongue</b>									
4,700.0	0.00	0.00	4,488.2	469.1	-1,113.4	1,208.2	0.00	0.00	0.00
4,800.0	0.00	0.00	4,588.2	469.1	-1,113.4	1,208.2	0.00	0.00	0.00
4,841.8	0.00	0.00	4,630.0	469.1	-1,113.4	1,208.2	0.00	0.00	0.00
<b>Wasatch</b>									
4,900.0	0.00	0.00	4,688.2	469.1	-1,113.4	1,208.2	0.00	0.00	0.00
5,000.0	0.00	0.00	4,788.2	469.1	-1,113.4	1,208.2	0.00	0.00	0.00
5,100.0	0.00	0.00	4,888.2	469.1	-1,113.4	1,208.2	0.00	0.00	0.00
5,200.0	0.00	0.00	4,988.2	469.1	-1,113.4	1,208.2	0.00	0.00	0.00
5,300.0	0.00	0.00	5,088.2	469.1	-1,113.4	1,208.2	0.00	0.00	0.00
5,400.0	0.00	0.00	5,188.2	469.1	-1,113.4	1,208.2	0.00	0.00	0.00
5,500.0	0.00	0.00	5,288.2	469.1	-1,113.4	1,208.2	0.00	0.00	0.00
5,600.0	0.00	0.00	5,388.2	469.1	-1,113.4	1,208.2	0.00	0.00	0.00
5,700.0	0.00	0.00	5,488.2	469.1	-1,113.4	1,208.2	0.00	0.00	0.00
5,711.8	0.00	0.00	5,500.0	469.1	-1,113.4	1,208.2	0.00	0.00	0.00
<b>Chapita Wells</b>									
5,800.0	0.00	0.00	5,588.2	469.1	-1,113.4	1,208.2	0.00	0.00	0.00
5,900.0	0.00	0.00	5,688.2	469.1	-1,113.4	1,208.2	0.00	0.00	0.00
6,000.0	0.00	0.00	5,788.2	469.1	-1,113.4	1,208.2	0.00	0.00	0.00
6,100.0	0.00	0.00	5,888.2	469.1	-1,113.4	1,208.2	0.00	0.00	0.00
6,200.0	0.00	0.00	5,988.2	469.1	-1,113.4	1,208.2	0.00	0.00	0.00
6,300.0	0.00	0.00	6,088.2	469.1	-1,113.4	1,208.2	0.00	0.00	0.00
6,400.0	0.00	0.00	6,188.2	469.1	-1,113.4	1,208.2	0.00	0.00	0.00
6,500.0	0.00	0.00	6,288.2	469.1	-1,113.4	1,208.2	0.00	0.00	0.00
6,600.0	0.00	0.00	6,388.2	469.1	-1,113.4	1,208.2	0.00	0.00	0.00
6,700.0	0.00	0.00	6,488.2	469.1	-1,113.4	1,208.2	0.00	0.00	0.00
6,800.0	0.00	0.00	6,588.2	469.1	-1,113.4	1,208.2	0.00	0.00	0.00
6,900.0	0.00	0.00	6,688.2	469.1	-1,113.4	1,208.2	0.00	0.00	0.00
7,000.0	0.00	0.00	6,788.2	469.1	-1,113.4	1,208.2	0.00	0.00	0.00
7,071.8	0.00	0.00	6,860.0	469.1	-1,113.4	1,208.2	0.00	0.00	0.00
<b>Uteland Buttes</b>									
7,100.0	0.00	0.00	6,888.2	469.1	-1,113.4	1,208.2	0.00	0.00	0.00
7,200.0	0.00	0.00	6,988.2	469.1	-1,113.4	1,208.2	0.00	0.00	0.00
7,300.0	0.00	0.00	7,088.2	469.1	-1,113.4	1,208.2	0.00	0.00	0.00
7,400.0	0.00	0.00	7,188.2	469.1	-1,113.4	1,208.2	0.00	0.00	0.00
7,500.0	0.00	0.00	7,288.2	469.1	-1,113.4	1,208.2	0.00	0.00	0.00
7,600.0	0.00	0.00	7,388.2	469.1	-1,113.4	1,208.2	0.00	0.00	0.00
7,700.0	0.00	0.00	7,488.2	469.1	-1,113.4	1,208.2	0.00	0.00	0.00
7,800.0	0.00	0.00	7,588.2	469.1	-1,113.4	1,208.2	0.00	0.00	0.00
7,900.0	0.00	0.00	7,688.2	469.1	-1,113.4	1,208.2	0.00	0.00	0.00
8,000.0	0.00	0.00	7,788.2	469.1	-1,113.4	1,208.2	0.00	0.00	0.00
8,011.8	0.00	0.00	7,800.0	469.1	-1,113.4	1,208.2	0.00	0.00	0.00
<b>Mesaverde</b>									
8,100.0	0.00	0.00	7,888.2	469.1	-1,113.4	1,208.2	0.00	0.00	0.00
8,200.0	0.00	0.00	7,988.2	469.1	-1,113.4	1,208.2	0.00	0.00	0.00
8,300.0	0.00	0.00	8,088.2	469.1	-1,113.4	1,208.2	0.00	0.00	0.00
8,400.0	0.00	0.00	8,188.2	469.1	-1,113.4	1,208.2	0.00	0.00	0.00
8,500.0	0.00	0.00	8,288.2	469.1	-1,113.4	1,208.2	0.00	0.00	0.00
8,600.0	0.00	0.00	8,388.2	469.1	-1,113.4	1,208.2	0.00	0.00	0.00
8,700.0	0.00	0.00	8,488.2	469.1	-1,113.4	1,208.2	0.00	0.00	0.00

# XTO Energy, Inc.

## Planning Report

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**TVD Reference:** Rig KB @ 4995.0ft (Frontier #6)  
**MD Reference:** Rig KB @ 4995.0ft (Frontier #6)  
**North Reference:** True  
**Survey Calculation Method:** Minimum Curvature

### Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
8,800.0	0.00	0.00	8,588.2	469.1	-1,113.4	1,208.2	0.00	0.00	0.00
8,900.0	0.00	0.00	8,688.2	469.1	-1,113.4	1,208.2	0.00	0.00	0.00
9,000.0	0.00	0.00	8,788.2	469.1	-1,113.4	1,208.2	0.00	0.00	0.00
9,100.0	0.00	0.00	8,888.2	469.1	-1,113.4	1,208.2	0.00	0.00	0.00
9,200.0	0.00	0.00	8,988.2	469.1	-1,113.4	1,208.2	0.00	0.00	0.00
9,300.0	0.00	0.00	9,088.2	469.1	-1,113.4	1,208.2	0.00	0.00	0.00
9,400.0	0.00	0.00	9,188.2	469.1	-1,113.4	1,208.2	0.00	0.00	0.00
9,500.0	0.00	0.00	9,288.2	469.1	-1,113.4	1,208.2	0.00	0.00	0.00
9,600.0	0.00	0.00	9,388.2	469.1	-1,113.4	1,208.2	0.00	0.00	0.00
9,700.0	0.00	0.00	9,488.2	469.1	-1,113.4	1,208.2	0.00	0.00	0.00
9,711.8	0.00	0.00	9,500.0	469.1	-1,113.4	1,208.2	0.00	0.00	0.00

5 1/2"

### Targets

Target Name	hit/miss target	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude
RBU 5-17E – Requester		0.00	0.00	4,100.0	469.1	-1,113.4	3,145,352.66	2,113,228.78	39° 56' 56.034 N	109° 48' 49.955 W
- plan hits target										
- Point										

### Casing Points

Measured Depth (ft)	Vertical Depth (ft)	Name	Casing Diameter (")	Hole Diameter (")
2,305.9	2,200.0	9 5/8"	9-5/8	12-1/4
9,711.8	9,500.0	5 1/2"	5-1/2	7-7/8

### Formations

Measured Depth (ft)	Vertical Depth (ft)	Name	Lithology	Dip (°)	Dip Direction (°)
4,296.8	4,085.0	Wasatch Tongue		0.00	
4,671.8	4,460.0	Green River Tongue		0.00	
4,841.8	4,630.0	Wasatch		0.00	
5,711.8	5,500.0	Chapita Wells		0.00	
7,071.8	6,860.0	Uteland Buttes		0.00	
8,011.8	7,800.0	Mesaverde		0.00	

Spud  
BLM - Vernal Field Office - Notification Form

Operator XTO Rig Name/# Pete Martin #8 Submitted By Rick Oman Phone Number 1-435-828-1456  
Well Name/Number RBU 5-17E  
Qtr/Qtr SENW Section 17 Township 10S Range 19E  
Lease Serial Number UTU-03505  
API Number 43-047-39699

Spud Notice – Spud is the initial spudding of the well, not drilling out below a casing string.

Date/Time 10/23/2008      8:00 AM  PM

Casing – Please report time casing run starts, not cementing times.

- Surface Casing
- Intermediate Casing
- Production Casing
- Liner
- Other

Date/Time \_\_\_\_\_ AM  PM

BOPE

- Initial BOPE test at surface casing point
- BOPE test at intermediate casing point
- 30 day BOPE test
- Other

Date/Time \_\_\_\_\_ AM  PM

Remarks Spud Conductor.  
Thanks Rick

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** **DOG M COPY**

*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: 2456' FNL & 1763' FWL SENW SEC.17 (F) -T10S-R19E, SLB&M**  
**BHL: 1980' FNL & 660' FWL SWNW SEC.17 (E) -T10S-R19E, SLB&M**

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

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.  
**RBU 5-17E**

9. API Well No.  
**43-047-39699**

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

11. County or Parish, State  
**UINTAH 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"/> 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>SPUD</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., spudded this well on 10/23/2008.**

**RECEIVED**

**OCT 24 2008**

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

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

**JENNIFER M. HEMBRY**

Title **FILE CLERK**

Signature

*Jennifer M. Hembry*

Date **10/24/2008**

**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

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

**DOG M COPY**

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
4304739699	RIVER BEND UNIT 5-17E		SENW	17	10S	19E	UINTAH
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
<i>AB</i>	<i>99999</i>	<i>7050</i>	<i>10/23/2008</i>		<i>10/28/08</i>		
Comments: <i>WsmVRD BHL=SWNW</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)

JENNIFER M. HEMBRY  
 Name (Please Print)  
*Jennifer M. Hembry*  
 Signature  
 FILE CLERK  
 Title  
 10/24/2008  
 Date

**RECEIVED**

OCT 27 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** **DOG M COPY**  
*Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.*

**RECEIVED**

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

**OCT 30 2008**

1. Type of Well  
 Oil Well  Gas Well  Other  
**DIV. OF OIL, GAS & MINING**

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: 2456' FNL & 1763' FWL SENW SEC.17 (F) -T10S-R19E, SLB&M**  
**BHL: 1980' FNL & 660' FWL SWNW SEC.17 (E) -T10S-R19E, SLB&M**

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

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.  
**RBU 5-17E**

9. API Well No.  
**43-047-39699**

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

11. County or Parish, State  
**UINTAH 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"/> 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>SPUD</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., spudded this well on 10/23/2008.**

14. I hereby certify that the foregoing is true and correct  
 Name (Printed/Typed) **JENNIFER M. HEMBRY** Title **FILE CLERK**  
 Signature *Jennifer M. Hembry* Date **10/24/2008**

**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 \_\_\_\_\_

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

**DOG M COPY**

**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-03505
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: N/A
		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 5-17E	
2. NAME OF OPERATOR: XTO ENERGY INC.		9. API NUMBER: 4304739699
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: 2456' x 1763' FWL		COUNTY: UINTAH
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SENW 17 10S 19E		STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input 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"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> 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: <u>OCTOBER 08</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	<u>MONTHLY REPORT</u>

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 12:36 PM

---

**Riverbend Unit 05-17E - Natural Buttes, 17, 10S, 19E, Uintah, Utah, ,  
Roosevelt, None**

**AFE: 716297**

Objective: Drill & Complete a Natural Buttes gas well

10/13/2008

MI 42'' of 4" .188 S40 FB welded gas line to loc. MI 234' of 4" .188 bare gas line to loc. Compl pre-fabrication of 1-42' road x-ing. Compl 6-4" & 4-2" welds. SDFN

10/14/2008

===== Riverbend Unit 05-17E =====

MI & strung out 168'' of 4" .188W bare gas line. Compl trenching & inst 4" .188 S40 FB welded gas line along road x-ing. Comp inst of 4" blk vlv. Compl inst of 2" blow down assembly. Compl stringing out & welding 4" .188W bare gas line around loc. Compl 15-4" welds. Compl x-raying 21-4" & 2-2" welds. SDFN

10/24/2008

===== Riverbend Unit 05-17E =====

MIRU Pete Martin Rat Hole Drilling. Drill 20" Conductor Hole to 40'. Ran 14" Conductor Pipe Set @ 40'. Cement To Surface w/ 2 1/2 yds Redimix Cement. Drill And Set Rat And Mouse Hole For Unit 111. Notified the BLM & State Of Utah For A Spud Conductor Date Of 10/23/2008 Time 8:00 A.M. RDMO. MIRU Pete Martin Rat Hole Drilling. Drill 20" Conductor Hole to 40'. Ran 14" Conductor Pipe Set @ 40'. Cement To Surface w/ 2 1/2 yds Redimix Cement. Drill And Set Rat And Mouse Hole For Unit 111. Notified the BLM & State Of Utah For A Spud Conductor Date Of 10/23/2008 Time 8:00 A.M. RDMO.

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

FORM 9

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>		5. LEASE DESIGNATION AND SERIAL NUMBER: <b>U-03505</b>
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: <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 5-17E</b>
3. ADDRESS OF OPERATOR: <b>382 CR 3100</b> CITY <b>AZTEC</b> STATE <b>NM</b> ZIP <b>87410</b>		9. API NUMBER: <b>4304739699</b>
4. LOCATION OF WELL FOOTAGES AT SURFACE: <b>2456' x 1763' FWL</b>  QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: <b>SENW 17 10S 19E</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>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 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 11/01/2008 thru 11/30/2008.

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

(This space for State use only)

**RECEIVED**  
**DEC 09 2008**  
DIV. OF OIL, GAS & MINING

EXECUTIVE SUMMARY REPORT

11/1/2008 - 11/30/2008  
Report run on 12/3/2008 at 5:17 PM

Riverbend Unit 05-17E - Natural Buttes, 17, 10S, 19E, Uintah, Utah, ,  
Roosevelt, None

AFE: 716297

Objective: Drill & Complete a Natural Buttes gas well

11/14/2008

TEAR OUT RIG, MAKE READY FOR TRUCKS  
198 MANHOURS

11/15/2008

=====  
Riverbend Unit 05-17E  
=====  
MOVE RIG FROM RBU 15-08 TO RBU 5-17  
120 MANHOURS

11/16/2008

=====  
Riverbend Unit 05-17E  
=====  
RIG UP                   REPLACE SPROCKET ON COMPOUND (6 hour)                   HAD MECHANIC REPAIR  
#2 FLOOR MOTOR (4 HOURS)  
REPLACE SPROCKET ON COMPOUND (6 hour)                   HAD MECHANIC REPAIR #2 FLOOR MOTOR  
(4 HOURS)

11/17/2008

=====  
Riverbend Unit 05-17E  
=====  
LAST SURVEY 10.31 DEGREES; 292.05 AZ @ 708

11/18/2008

=====  
Riverbend Unit 05-17E  
=====  
DIRECTIONAL DRILL FROM 789 TO 1342 @ 52.66 FT/HR                   WOB 22k                   RPM 55  
GPM 575                   RIG SERVICE                   DIRECTIONAL DRILL FROM 1342 TO 1465 @ 49.2  
FT/HR                   WOB 22k                   RPM 55                   GPM 575                   RIG REPAIR #1 MUD PUMP  
DIRECTIONAL DRILL FROM 1465 TO 1928 @ 54.47 FT/HR                   WOB 22k                   RPM 55  
GPM 575                   SLID 368 FT THIS TIME PERIOD  
LAST SURVEY 16.31 DEGREES 279.3 AZ @ 1878                   CIRCULATING RESERVE PIT  
HIGH VIS SWEEPS/POLYMER DN D.P ON CONNECTIONS

11/19/2008

=====  
Riverbend Unit 05-17E  
=====  
DIRECTIONAL DRILL FROM 1928 TO 2310 @ 42.44 FT/HR                   WOB 22k                   RPM 55  
GPM 575                   CIRCULATE & CONDITION HOLE FOR CASING JOB                   TOH TO RUN  
SURFACE CASING                   L/D DIRECTIONAL TOOLS                   S/M AND R/U LAYDOWN  
MACHINE                   RUN 9 5/8 CASING                   CIRCULATE, R/D CASERS                   S/M & R/U  
CEMENTERS                   TEST LINES TO 5000                   CEMENT SURFACE CASING  
LAST SURVEY 17.88, 291.3 AZ @ 2246                   RAN 9 5/8 36lb J-55 ST&C CASING, SET  
@ 2273 KB                   CEMENT AS FOLLOWS:30 bbl H20, 170bbl OF 3.82FT/SK 11lb HI-FILL  
LEAD CEMENT, THEN 46 bbl 1.15FT/SK 15.8lb TAIL CEMENT, DISPLACED WITH 171.9  
BBLs WATER                   FINAL CIRCULATING PRESSURE 540 BUMPED PLUG @ 1020 (FLOAT  
HELD)                   FULL CIRCULATION, 20 BBLs CEMENT TO SURFACE                   WAITED 2  
HOURS, TOPPED OFF WITH 50 BBLs

11/20/2008

=====  
Riverbend Unit 05-17E  
=====  
Nippled up and started testing. Everything tested except the annular  
The annular did not pass the pressure test and is being replaced. Stoney W/  
BLM was here to witness the pressure test.

11/21/2008

=====  
Riverbend Unit 05-17E  
=====  
W/O well control equip. P/U directional tools and TIH.  
Replaced the annular that failed to test and W/O accumulator (rebuilt the  
manifold press. regulator).

11/22/2008

=====  
Riverbend Unit 05-17E  
=====  
Drilled from 2354' - 3655. From 2354 - 2800 slide ratio app 10' per 90. Full  
rotary from 2800 - 3223. From 3223 - 3655 Slide ratio app. 10' per 100.  
Rotating W/ 15K WOB and 50 RPM 420 GPM Motor setting 1.66.Last survey 3542:  
21.81 @ 297.93 Azm. mud 8.5 wt 26 vis KCL 1.5%

EXECUTIVE SUMMARY REPORT

11/1/2008 - 11/30/2008
Report run on 12/3/2008 at 5:17 PM

. No accidents or enviromental issues.

- 11/23/2008 Riverbend Unit 05-17E Drilled 3655 - 4600. From 3665 - 4338 slide/rotating ratio 15 - 20' slide per 60'. from 4338 - 4560 slide 50%. from 4560 - 4600 Slide 10' per 90'. No accidents or enviromental spills
11/24/2008 Riverbend Unit 05-17E Drilled from 4600 - 6075 W/ 15 - 20K WOB 50 RPM 420 GPM. Last survey 5837 .43 deg. 176.04 Azm. Mud 8.5 wt. 26 vis 3% KCL. Last survey taken @ 5837 .43 deg @ 176.04 Azm. No accidents or enviromental issues
11/25/2008 Riverbend Unit 05-17E Drilled W/ BHA #21 from 6075- 6317 . TOH to L/D directional tools and P/U a new bit. Drilled W/ BHA #3 from 6317 - 6617 6 Hours. 20K WOB and 50 RPM. 420 GPM 67 motor RPM's Mud 8.5 Wt. 26 vis. 3% KCL. Last Survey: 6266 .36 deg. @ 180.09 Azm. No accidents or enviromental issues
11/26/2008 Riverbend Unit 05-17E Drilled 6617 - 7605 W/ 20 - 25K WOB and 50 RPM. 420 GPM 67 motor RPM's Mud 8.5 Wt. 26 vis. 3% KCL. At 7050 Mudded up to 30 Vis and 8.6 wt. Last Survey: 7331 1-1/2 deg. No accidents 1 near miss: failure to follow Unit drilling policy. Hands laid down DP on a trip and had more than 2 on the walk at one time.
11/27/2008 Riverbend Unit 05-17E NO ACCIDENTS, NO INCIDENTS OVER THE LAST 24 HRS. DRILLED FROM 7605 TO 7968 @ 36.3 FT/HR WOB 25 RPM 50 (BIT RPM 120) GPM 440 RIG SERVICE FUNCTIONED HYDRIL SURVEY @ 7890 (1 DEGREE) DRILLED FROM 7968 TO 8384 @ 32 FT/HR WOB 25 RPM 50 (BIT RPM 120) GPM 440 LAST SURVEY 1 DEGREE @ 7890 VIS 33 WT 8.9
11/28/2008 Riverbend Unit 05-17E NO ACCIDENTS, NO INCIDENTS OVER THE LAST 24 HRS DRILLED FROM 8384 TO 8669 @ 25.9 FT/HR WOB 25 RPM 50 (BIT RPM 120) GPM 440 RIG SERVICE FUNCTION PIPE RAMS DRILLED FROM 8669 TO 8677 @ 16 FT/HR WOB 25 RPM 50 (BIT RPM 120) GPM 440 CIRCULATE BOTTOMS UP, MIX & PUMP PILL, DROP SURVEY TOH FOR MOTOR & BIT L/D & P/U MUD MOTOR & BIT CLOSE BLIND RAMS TIH WITH NEW MOTOR & BIT LAST SURVEY 2 DEGREES @ 8607 VIS 33 WT 8.9
11/29/2008 Riverbend Unit 05-17E NO ACCIDENTS, NO INCIDENTS OVER THE LAST 24 HRS TIH TO 8612 WASH & REAM FROM 8612 TO BOTTOM (10 FT OF FILL) DRILLED FROM 8677 TO 8841 @ 25.23 FT/HR WOB 25 RPM 50 (BIT RPM 120) GPM 440 SERVICE RIG DRILLED FROM 8841 TO 9150 @ 26.86 FT/HR WOB 25 RPM 50 (BIT RPM 120) GPM 440 REPAIR ROTARY TORQUE SENSOR DRILLED FROM 9150 TO 9179 @ 29 FT/HR WOB 25 RPM 50 (BIT RPM 120) GPM 440 LAST SURVEY 2 DEGREES @ 8607 VIS 36 WT 9.2

Riverbend Unit 05-17E

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

FORM 9

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: U-03505
2. NAME OF OPERATOR: XTO ENERGY INC.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A
3. ADDRESS OF OPERATOR: 382 CR 3100 CITY AZTEC STATE NM ZIP 87410		7. UNIT or CA AGREEMENT NAME: RIVERBEND UNIT
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2456' x 1763' FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SENW 17 10S 19E		8. WELL NAME and NUMBER: RBU 5-17E
PHONE NUMBER: (505) 333-3100		9. API NUMBER: 4304739699
COUNTY: UINTAH STATE: UTAH		10. FIELD AND POOL, OR WLD CAT: NATURAL BUTTES

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: 12/31/2008	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: <u>DECEMBER 08</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	<u>MONTHLY REPORT</u>

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>Jennifer M. Hembry</u>	DATE <u>1/5/2009</u>

(This space for State use only)

**RECEIVED**  
**JAN 12 2009**

**EXECUTIVE SUMMARY REPORT**

12/1/2008 - 12/31/2008  
Report run on 1/5/2009 at 9:25 AM

**Riverbend Unit 05-17E - Riverbend Unit 05-17E**

Section 17-10S-19E, Uintah, Utah, Roosevelt

Objective: Drill & Complete a Natural Buttes gas well  
Date First Report: 10/23/2008  
Last Casing String: LANDING JT, 12/1/2008  
Method of Production: None

12/1/2008 NO ACCIDENTS, NO INCIDENTS OVER THE LAST 24 HRS TOH FOR LOGS  
WAIT ON LOGGING TOOLS S/M & R/U LOGGERS, OPEN HOLE LOGGING (TAGGED  
BOTTOM @ 9761) R/D LOGGERS TIH TO L/D DRILLSTRING WASH &  
REAM 75 FT TO BOTTOM 10 FT FILL CIRCULATE & CONDITION HOLE FOR CASING  
& CEMENT JOB, S/M & R/U LAYDOWN MACHINE PUMP OUT 10 JTS  
LAST SURVEY 2.25 DEGREES @ 9700 VIS40 WT 9.3 LOGS TO 9761

----- Riverbend Unit 05-17E -----  
12/2/2008 NO ACCIDENTS, NO INCIDENTS OVER THE LAST 24 HRS L/D DRILLSTRING,  
PUMPED OUT 300 FT WITH KELLY BREAK KELLY L/D DRILLSTRING  
S/M & R/U CASERS RUN CASING REPLACE CASING TONGS RUN  
CASING WORK ON CASING TONGS RUN CASING P/U & MU CASING  
MANDREL, LAND CASING @ 9727  
RAN 252 JTS OF 5 1/2 - 17lb - seah-80 CASING SET @ 9727KB

----- Riverbend Unit 05-17E -----  
12/3/2008 WAIT ON CEMENTERS THEY BROUGHT THE WRONG CEMENT HEAD AND HAD TO HOTSHOT  
THE CORRECT ONE S/M & R/U CEMENTERS CEMENT PRODUCTION CASING  
NIPPLE DOWN BOPE CLEAN MUD TANKS  
CEMENT AS FOLLOWS: 20 BBL MUD FLUSH, 20 BBL H2O, 136 BBL LEAD CEMENT (200sx  
- 11.0lb - 3.82 YIELD - 23GAL/SK), 238 BBL TAIL CEMENT (790sx - 13.1lb -  
1.69 YIELD - 8.8 GL/SK), 224.7 BBL DISPLACEMENT FINALCIRCULATING  
PRESSURE: 2000 BUMPED PLUG @ 2500 (FLOAT HELD) FULL RETURNS  
THROUGHOUT CEMENT JOB

----- Riverbend Unit 05-17E -----  
12/8/2008 SICP 0 psig. Cont fr/AFE # 716297 to D&C. MIRU WLU. RIH w/GR/CCL/CBL  
logging tls. Tgd PBTD @ 9658' FS (WL measmt). Run CBL fr/9648' - 300' FS  
under 750 psig. Log indc TOC @ 770' FS. POH & LD logging tls. MIRU pmp  
trk. PT & chart csg to 5000 psig, 10", gd tst. RDMO pmp trk. SWI & WO frac.  
Rpts suspd until further activity.

----- Riverbend Unit 05-17E -----  
12/19/2008 SICP 0 psig. MIRU CHS WLU. Held safety mtg. RIH perf MV stg #1 w/3-1/8"  
csg guns loaded w/ Titan EXP-3323-361T, 22.7 gm chrgs, fr/8,623' - 8,625',  
8,629' - 8,631', 8,638' - 8,646', 8,666' - 8,668', 8,673' - 8,678', 8,682' -  
8,684', 8,688' - 8,690', w/2 JSPF (120 deg phasing, 0.36" EHD, 35.63" pene.,  
53 holes). POH & LD perf guns. SWI & SDFN. Rpts suspd until further  
activity.

----- Riverbend Unit 05-17E -----

EXECUTIVE SUMMARY REPORT

12/1/2008 - 12/31/2008  
Report run on 1/5/2009 at 9:25 AM

12/22/2008

SICP 0 psig. MIRU HES and CHS WLU. Held safety mtg & PT all surface lines to 7,500 psig, held gd. W/MV stg #1 perf'd w/3-1/8" csg guns loaded w/ Titan EXP-3323-361T, 22.7 gm chrgs, fr/8,623' - 8,690', w/2 JSPF (120 deg phasing, 0.36" EHD, 35.63" pene., 53 holes). Spearhead 1,000 gals 7.5% HCL and frac'd MV stg #1 perfs fr/8,623' - 8,690', dwn 5-1/2" csg w/53,841 gallons wtr, 55Q N2 foam gelled fld (Delta-R Foam Frac), 2% KCl wtr carrying 149,800# Premium White 20/40 sd, coated w/ Expedite Lite. Max sd conc 3 ppg, ISIP 3,385 psig, 5" SIP N/A psig, used 1,465,000 mscf of N2, ATP 4,146 psig, 1,282 BLWTR. RIH & set 6K CBP @ 8,600'. 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/8,470' - 8,473', 8,477' - 8,480', 8,842' - 8,485', 8,540' - 8,543', 8,545' - 8,547', 8,550' - 8,552', 8,557' - 8,562', w/2 JSPF (120 deg phasing, 0.36" EHD, 35.63" pene., 49 holes). POH & LD perf guns. BD MV stg #2 perfs w/2% KCl wtr and EIR. A. MV perfs f/8,470' - 8,562' w/1,350gals of 7-1/2" NEFE HCL acid and 74 Bio-balls @ 12 bpm dwn 5-1/2" csg. ISIP 2,645 psig, surge balls off perfs, wait 5". Frac'd MV stg #2 perfs fr/8,470' - 8,562', dwn 5-1/2" csg w/53,520 gallons wtr, 55Q N2 foam gelled fld (Delta-R Foam Frac), 2% KCl wtr carrying 125,900# Premium White 20/40 sd, coated w/ Expedite Lite. Max sd conc 3 ppg, ISIP 3,570 psig, 5" SIP 3,381 psig, used 1,255,000 mscf of N2, ATP 4,280 psig, 1,274 BLWTR. SWI & SDFN. 2,556 BLWTR Ttl. RIH & set 6K CBP @ 8,000'. SWI & SDFN. Rpts suspd until further activity.

12/29/2008

----- Riverbend Unit 05-17E -----  
SICP 450 psig. MIRU Temples WS rig #2. BD well. ND frac vlv, NU BOP. PU & TIH w/4-3/4" rock tooth bit, safety sub, BRS, 2-3/8" SN & 243 jts 2-3/8", L-80, 4.7#, EUE, 8rd tbg. EOT @ 7,938'. RU pwr swivel. SWI & SDFN. 2,556 BLWTR.

12/30/2008

----- Riverbend Unit 05-17E -----  
SITP 0 psig, SICP 0 psig. Cont to TIH w/4-3/4" rock tooth bit, SS, BRS, SN, & 2-3/8" tbg. DO 5-1/2" CBP's @ 8,000' & 8,600' (CO 30' sd abv plg). Contd TIH to @ 8,910', tgd no fill. Circ well cln & LD 10 jts of tbg. Ld prod tbg strg w/261 jts 2-3/8", 4.7#, L-80, 8rd tbg on hgr w/EOT @ 8,586' & SN @ 8,584'. RU swb tls & RIH w/XTO's 1.90" tbg broach to SN @ 8,584' (no ti spts). POH & LD broach. ND BOP, NU WH. Dropd ball & ppd off bit & 1/2 of BRS @ 2,900 psig. SWIFPBU & SDFN. Ttl fl ppd 80 bbls, Ttl fl rec 400 bbls, 2,236 BLWTR. RDMO rig & equip. OWU @ 14:00. FTP 400 psig, SICP 1,850 psig. F. 0 BO, 161 BLW, 3 hrs, FTP 400 - 1,150 psig, SICP 1,850 - 1,450 psig, 24/64" ck. Rets of tr sd, gas, wtr. 2,075 BLWTR ttl. MV perfs fr/8,470' - 8,625'.

Tubing Strings

**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-03505
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: N/A
		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 5-17E	
2. NAME OF OPERATOR: XTO ENERGY INC.		9. API NUMBER: 4304739699
3. ADDRESS OF OPERATOR: 382 CR 3100	CITY AZTEC STATE NM ZIP 87410	PHONE NUMBER: (505) 333-3100
10. FIELD AND POOL, OR WLDCAT: NATURAL BUTTES		
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2456' FSL x 2036' FWL		COUNTY: UINTAH
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SENW 17 10S 19E S		STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate)  Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only)  Date of work completion: 1/31/2009	<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>January 08</u>
	<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) <u>EDEN FINE</u>	TITLE <u>REGULATORY CLERK</u>
SIGNATURE	DATE <u>2/6/2009</u>

(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 4:16 PM

**Riverbend Unit 05-17E**

Section 17-10S-19E, Uintah, Utah, Roosevelt

Objective: Drill & Complete a Natural Buttes gas well  
Date First Report: 10/23/2008  
Method of Production: None

1/1/2009 FTP 650 psig, SICP 800 psig. F. 0 BO, 570 BLW, 24 hrs, FTP 650 - 450 psig, SICP 800 - 650 psig, 24/64" ck. Rets of tr sd, gas, wtr. 734 BLWTR ttl. MV perfs fr/8,470' - 8,625'.

===== Riverbend Unit 05-17E =====

1/2/2009 FTP 450 psig, SICP 600 psig. F. 0 BO, 354 BLW, 24 hrs, FTP 450 - 400 psig, SICP 600 - 600 psig, 24/64" ck. Rets of tr sd, gas, wtr. 380 BLWTR ttl. MV perfs fr/8,470' - 8,625'.

===== Riverbend Unit 05-17E =====

1/3/2009 FTP 400 psig, SICP 600 psig. F. 0 BO, 232 BLW, 24 hrs, FTP 400 - 350 psig, SICP 600 - 500 psig, 24/64" ck. Rets of tr sd, gas, wtr. 148 BLWTR ttl. MV perfs fr/8,470' - 8,625'.

===== Riverbend Unit 05-17E =====

1/4/2009 FTP 400 psig, SICP 500 psig. F. 0 BO, 154 BLW, 24 hrs, FTP 400 - 350 psig, SICP 500 - 500 psig, 24/64" ck. Rets of tr sd, gas, wtr. 0 BLWTR ttl. MV perfs fr/8,470' - 8,625'.

===== Riverbend Unit 05-17E =====

1/5/2009 FTP 300 psig, SICP 500 psig. F. 0 BO, 146 BLW, 24 hrs, FTP 300 - 250 psig, SICP 500 - 350 psig, 24-12-18/64" ck. Rets of tr sd, gas, wtr. 0 BLWTR ttl. MV perfs fr/8,470' - 8,625'.

===== Riverbend Unit 05-17E =====

1/6/2009 FTP 250 psig, SICP 350 psig. F. 0 BO, 111 BLW, 24 hrs, FTP 250 - 200 psig, SICP 350 - 300 psig, 18-12-18/64" ck. Rets of tr sd, gas, wtr. 0 BLWTR ttl. MV perfs fr/8,470' - 8,625'.

===== Riverbend Unit 05-17E =====

1/7/2009 FTP 200 psig, SICP 300 psig. F. 0 BO, 78 BLW, 24 hrs, FTP 200 - 200 psig, SICP 300 - 300 psig, 18-12-18/64" ck. Rets of tr sd, gas, wtr. 0 BLWTR ttl. MV perfs fr/8,470' - 8,625'.

===== Riverbend Unit 05-17E =====

1/8/2009 FTP 200 psig, SICP 300 psig. F. 0 BO, 40 BLW, 13 hrs, FTP 200 - 200 psig, SICP 300 - 300 psig, 18/64" ck. Rets of tr sd, gas, wtr. 0 BLWTR ttl. MV perfs fr/8,470' - 8,625'. SWI @ 07:00.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**DOGM COPY**

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

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

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

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. <b>U-03505</b>
2. Name of Operator <b>XTO Energy Inc.</b>		6. If Indian, Allottee or Tribe Name <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: 2456' FNL &amp; 1763' FWL SENW SEC.17 (F) -T10S-R19E, SLB&amp;M</b> <b>BHL: 1980' FNL &amp; 660' FWL SWNW SEC.17 (E) -T10S-R19E, SLB&amp;M</b>		8. Well Name and No. <b>RBU 5-17E</b>
		9. API Well No. <b>43-047-39699</b>
		10. Field and Pool, or Exploratory Area <b>NATURAL BUTTES</b> <b>WASATCH-MESAVERDE</b>
		11. County or Parish, State <b>UINTAH UTAH</b>

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal
			<input type="checkbox"/> Water Shut-Off
			<input type="checkbox"/> Well Integrity
			<input checked="" type="checkbox"/> Other <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 @ 1230 hours on Monday, 3/2/2009.

IFR 1,500 MCFPD.

XTO Allocation meter #RS1583RF.

**RECEIVED**

**MAR 03 2009**

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

14. I hereby certify that the foregoing is true and correct Name (Printed/Typed) <b>BARBARA A. NICOL</b>		Title <b>REGULATORY CLERK</b>
Signature <i>Barbara A. Nicol</i>		Date <b>03/03/2009</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**



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)  
**2456' FNL & 1763' FWL, SE/NW, SEC 17, 10S, 19E**

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

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

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

8. Well Name and No.  
**RBU 5-17E**

9. API Well No.  
**43-047-39699**

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 checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Fracture Treat	<input checked="" 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 type="checkbox"/> Other
			<b>Interm Reclamation</b>

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

Reserve pit reclaimed & reseeded on 2/12/2009

**RECEIVED**

**MAY 26 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 \_\_\_\_\_ Date \_\_\_\_\_

**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.

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)  
**2456' FNL & 1763' FWL, SE/NW, SEC 17, 10S, 19E**

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

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

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

8. Well Name and No.  
**RBU 5-17E**

9. API Well No.  
**43-047-39699**

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>Interim Reclamation</b>
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal		

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

Reserve pit reclaimed & reseeded on 2/12/2009

**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 **5/26/2009**

**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.

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

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

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 **2456' FNL & 1763' FWL**  
 At top prod. interval reported below  
 At total depth **2038' FNL & 705' FWL**

**RECEIVED  
MAR 23 2009**

14. Date Spudded **10/23/2008** 15. Date T.D. Reached **11/30/2008**  
 16.  D & A  Ready to Prod. **3/2/2009**

18. Total Depth: MD **9775'** 19. Plug Back T.D.: MD **9686'** 20. Depth Bridge Plug Set: MD  
 TVD **9556'** TVD **9467-hsm** TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each) **DL/GR; CNL/CZ-D/GR; CNL/CZ-D/DL/GR/CL; DS; CBL**  
 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 Cemen-ter Depth	No.of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
20"	14/A52A	36	0	56.5		63/Redimix		SURF	
12-1/4"	9.6/J-55	36	0	2273		600/Premium		SURF	
7-7/8"	5.5/S-80	17	0	9727		200/Type V		770	
"	"	"	"	"		790/Prem Lt		"	

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"	8586'							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) MESAVERDE	8470'	8690'	8470' - 8690'	0.36"	102	OPEN
B) WSMVP						
C)						
D)						

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

Depth Interval	Amount and Type of Material
8470' - 8690'	A. w/2,350 gals of 7-1/2% NEFE HCL acid. Frac'd w/107,361 gals wtr, 55Q N2 foam gelled fld (Delta-R Foam Frac), 2% KCl wtr carrying 275,700# Premium White 20/40 sand 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
3/2/09	3/12/09	24	→	0	200	7			FLOWING
Choke Size	Tbg. Press. Flwg. SI	Csg. Press. SI	24 Hr. →	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	
N/A	229	334	→	0	200	7		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	
			→						

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	1106
				MAHOGENY BENCH	1961
				WASATCH TONGUE	4291
				UTELAND LIMESTONE	4676
				WASATCH	4832
				CHAPITA WELLS	5727
				UTELAND BUTTE	7110
				MESAVERDE	7915

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) BARBARA A. NICOL

Title REGULATORY CLERK

Signature Barbara A. Nicol

Date 3/17/2009

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





## **XTO ENERGY**

**UINTAH COUNTY, UT  
RBU 5-17E & 6-17E PAD  
RBU 5-17E**

**Wellbore #1**

**Survey: Survey #1**

# **Standard Survey Report**

**24 November, 2008**



**Weatherford®**



Weatherford International Ltd.

Survey Report



Company: XTO ENERGY  
 Project: UINTAH COUNTY, UT  
 Site: RBU 5-17E & 6-17E PAD  
 Well: RBU 5-17E  
 Wellbore: Wellbore #1  
 Design: Wellbore #1

Local Co-ordinate Reference: Well RBU 5-17E  
 TVD Reference: WELL @ 4995.00ft (Unit 111)  
 MD Reference: WELL @ 4995.00ft (Unit 111)  
 North Reference: True  
 Survey Calculation Method: Minimum Curvature  
 Database: EDM 2003.21 Single User Db

Project	UINTAH COUNTY, UT		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	Utah Central Zone		

Site	RBU 5-17E & 6-17E PAD				
Site Position:		Northing:	7,154,117.43ft	Latitude:	39° 56' 51.400 N
From:	Lat/Long	Easting:	2,114,204.92ft	Longitude:	109° 48' 35.662 W
Position Uncertainty:	0.00 ft	Slot Radius:	in	Grid Convergence:	1.08 °

Well	RBU 5-17E					
Well Position	+N/-S	0.00 ft	Northing:	7,154,117.43 ft	Latitude:	39° 56' 51.400 N
	+E/-W	0.00 ft	Easting:	2,114,204.92 ft	Longitude:	109° 48' 35.662 W
Position Uncertainty	0.00 ft		Wellhead Elevation:	ft	Ground Level:	4,981.00 ft

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	BGGM2008	11/14/2008	11.56	65.86	52,525

Design	Wellbore #1				
Audit Notes:					
Version:	1.0	Phase:	ACTUAL	Tie On Depth:	0.00
Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)	
	0.00	0.00	0.00	292.85	

Survey Program	Date 11/24/2008				
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description	
90.00	6,054.00	Survey #1 (Wellbore #1)	MWD	MWD - Standard	

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)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
90.00	0.94	322.05	90.00	0.58	-0.45	0.84	1.04	1.04	0.00
152.00	1.31	321.68	151.98	1.54	-1.21	1.71	0.60	0.60	-0.60
213.00	1.94	312.80	212.96	2.79	-2.40	3.29	1.11	1.03	-14.56
273.00	3.69	303.18	272.88	4.53	-4.76	6.14	3.01	2.92	-16.03
334.00	4.69	311.88	333.72	7.27	-8.28	10.44	1.93	1.64	13.93
397.00	5.81	306.83	396.46	10.89	-12.74	15.97	1.91	1.78	-7.70
458.00	6.06	299.93	457.13	14.35	-18.00	22.16	1.24	0.41	-11.31
519.00	6.38	293.68	517.77	17.32	-23.90	28.74	1.23	0.52	-10.25
580.00	7.44	288.18	578.33	19.91	-30.75	36.07	2.05	1.74	-9.02
641.00	9.13	288.68	638.69	22.69	-39.09	44.83	2.77	2.77	0.82
708.00	10.31	292.05	704.73	26.65	-49.68	56.13	1.95	1.76	5.03
769.00	12.00	294.68	764.57	31.34	-60.50	67.93	2.89	2.77	4.31



Weatherford International Ltd.

Survey Report



Company: XTO ENERGY  
 Project: UINTAH COUNTY, UT  
 Site: RBU 5-17E & 6-17E PAD  
 Well: RBU 5-17E  
 Wellbore: Wellbore #1  
 Design: Wellbore #1

Local Co-ordinate Reference: Well RBU 5-17E  
 TVD Reference: WELL @ 4995.00ft (Unit 111)  
 MD Reference: WELL @ 4995.00ft (Unit 111)  
 North Reference: True  
 Survey Calculation Method: Minimum Curvature  
 Database: EDM 2003.21 Single User Db

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)
830.00	13.44	294.43	824.07	36.92	-72.72	81.35	2.36	2.36	-0.41
891.00	14.76	295.92	883.24	43.25	-86.17	96.20	2.24	2.16	2.44
954.00	16.19	300.05	943.95	51.16	-100.99	112.93	2.86	2.27	6.56
1,016.00	18.25	301.05	1,003.17	60.50	-116.79	131.11	3.36	3.32	1.61
1,078.00	20.56	300.80	1,061.64	71.08	-134.46	151.51	3.73	3.73	-0.40
1,139.00	21.63	299.18	1,118.56	82.05	-153.48	173.29	2.00	1.75	-2.66
1,230.00	22.56	297.80	1,202.87	98.36	-183.56	207.35	1.17	1.02	-1.52
1,322.00	23.13	294.55	1,287.66	114.10	-215.61	243.00	1.50	0.62	-3.53
1,415.00	21.38	293.30	1,373.73	128.40	-247.80	278.21	1.95	-1.88	-1.34
1,506.00	21.44	290.68	1,458.45	140.83	-278.59	311.42	1.05	0.07	-2.88
1,598.00	20.00	287.18	1,544.50	151.42	-309.36	343.88	2.06	-1.57	-3.80
1,691.00	17.31	281.93	1,632.61	158.98	-338.09	373.30	3.41	-2.89	-5.65
1,784.00	16.56	280.18	1,721.58	164.18	-364.68	399.81	0.98	-0.81	-1.88
1,878.00	16.31	279.30	1,811.74	168.68	-390.89	425.72	0.38	-0.27	-0.94
1,970.00	17.13	280.05	1,899.85	173.13	-416.98	451.49	0.92	0.89	0.82
2,062.00	16.44	282.18	1,987.93	178.25	-443.04	477.49	1.00	-0.75	2.32
2,154.00	17.08	287.81	2,076.03	185.13	-468.64	503.75	1.90	0.70	6.12
2,246.00	17.88	291.30	2,163.78	194.39	-494.66	531.33	1.43	0.87	3.79
2,334.00	18.63	289.05	2,247.35	203.88	-520.53	558.86	1.17	0.85	-2.56
2,426.00	20.00	290.93	2,334.17	214.30	-549.12	589.24	1.64	1.49	2.04
2,519.00	21.52	292.55	2,421.13	226.52	-579.73	622.20	1.75	1.63	1.74
2,611.00	21.81	293.18	2,506.63	239.72	-611.02	656.16	0.40	0.32	0.68
2,706.00	23.81	295.55	2,594.20	254.94	-644.55	692.97	2.32	2.11	2.49
2,799.00	26.63	297.05	2,678.33	272.52	-680.06	732.52	3.11	3.03	1.61
2,892.00	27.69	296.18	2,761.07	291.53	-718.01	774.87	1.22	1.14	-0.94
2,985.00	28.19	295.18	2,843.23	310.41	-757.28	818.39	0.74	0.54	-1.08
3,078.00	29.06	294.18	2,924.87	329.01	-797.77	862.92	1.07	0.94	-1.08
3,171.00	29.38	292.55	3,006.03	347.01	-839.44	908.32	0.92	0.34	-1.75
3,234.00	27.94	291.93	3,061.31	358.45	-867.41	938.53	2.33	-2.29	-0.98
3,297.00	25.88	294.30	3,117.49	369.62	-893.63	967.04	3.69	-3.27	3.76
3,358.00	24.56	297.55	3,172.68	380.96	-917.01	992.98	3.14	-2.16	5.33
3,419.00	24.63	296.93	3,228.14	392.58	-939.58	1,018.30	0.44	0.11	-1.02
3,480.00	23.69	297.68	3,283.80	404.03	-961.77	1,043.19	1.62	-1.54	1.23
3,542.00	21.81	297.93	3,340.97	415.22	-982.97	1,067.07	3.04	-3.03	0.40
3,604.00	19.94	300.30	3,398.90	425.95	-1,002.28	1,089.03	3.31	-3.02	3.82
3,667.00	17.88	300.68	3,458.50	436.30	-1,019.87	1,109.26	3.28	-3.27	0.60
3,729.00	16.19	301.18	3,517.78	445.63	-1,035.46	1,127.25	2.74	-2.73	0.81
3,792.00	13.88	304.68	3,578.62	454.48	-1,049.19	1,143.33	3.94	-3.67	5.56
3,854.00	12.31	304.05	3,639.00	462.41	-1,060.78	1,157.10	2.54	-2.53	-1.02
3,915.00	11.13	301.80	3,698.73	469.16	-1,071.17	1,169.29	2.07	-1.93	-3.69
3,977.00	10.01	302.04	3,759.68	475.17	-1,080.82	1,180.52	1.81	-1.81	0.39
4,039.00	8.75	304.43	3,820.85	480.70	-1,089.28	1,190.46	2.13	-2.03	3.85
4,101.00	7.56	302.05	3,882.22	485.53	-1,096.63	1,199.11	1.99	-1.92	-3.84
4,163.00	5.75	297.68	3,943.80	489.13	-1,102.84	1,206.23	3.03	-2.92	-7.05
4,227.00	4.25	296.93	4,007.55	491.70	-1,107.79	1,211.79	2.35	-2.34	-1.17
4,288.00	2.25	295.55	4,068.45	493.24	-1,110.89	1,215.24	3.28	-3.28	-2.26
4,351.00	0.69	286.05	4,131.43	493.88	-1,112.37	1,216.85	2.50	-2.48	-15.08
4,413.00	1.69	128.80	4,193.42	493.41	-1,112.01	1,216.34	3.78	1.61	-253.63
4,476.00	1.81	119.55	4,256.39	492.33	-1,110.42	1,214.46	0.49	0.19	-14.68
4,539.00	1.13	78.80	4,319.37	491.96	-1,108.95	1,212.96	1.91	-1.08	-64.68
4,601.00	0.93	49.43	4,381.36	492.41	-1,107.97	1,212.23	0.90	-0.32	-47.37
4,694.00	0.85	66.49	4,474.35	493.18	-1,106.76	1,211.41	0.30	-0.09	18.34
4,789.00	0.69	73.93	4,569.34	493.61	-1,105.56	1,210.48	0.20	-0.17	7.83
4,883.00	0.63	82.55	4,663.34	493.84	-1,104.51	1,209.60	0.12	-0.06	9.17



**Weatherford International Ltd.**  
Survey Report



**Company:** XTO ENERGY  
**Project:** UINTAH COUNTY, UT  
**Site:** RBU 5-17E & 6-17E PAD  
**Well:** RBU 5-17E  
**Wellbore:** Wellbore #1  
**Design:** Wellbore #1

**Local Co-ordinate Reference:** Well RBU 5-17E  
**TVD Reference:** WELL @ 4995.00ft (Unit 111)  
**MD Reference:** WELL @ 4995.00ft (Unit 111)  
**North Reference:** True  
**Survey Calculation Method:** Minimum Curvature  
**Database:** EDM 2003.21 Single User Db

**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)
4,977.00	0.69	91.05	4,757.33	493.89	-1,103.43	1,208.63	0.12	0.06	9.04
5,068.00	0.69	95.55	4,848.33	493.83	-1,102.34	1,207.59	0.06	0.00	4.95
5,162.00	0.63	116.55	4,942.32	493.55	-1,101.31	1,206.54	0.26	-0.06	22.34
5,254.00	0.44	117.93	5,034.32	493.15	-1,100.55	1,205.68	0.21	-0.21	1.50
5,346.00	0.44	130.55	5,126.31	492.76	-1,099.97	1,204.99	0.11	0.00	13.72
5,591.00	0.44	156.05	5,371.31	491.29	-1,098.87	1,203.41	0.08	0.00	10.41
5,837.00	0.43	176.04	5,617.30	489.50	-1,098.42	1,202.31	0.06	0.00	8.13
<b>Last MWD Svy</b>									
6,054.00	0.38	188.80	5,834.29	487.98	-1,098.48	1,201.76	0.05	-0.02	5.88

**Survey Annotations**

Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates		Comment
		+N/-S (ft)	+E/-W (ft)	
6,054.00	5,834.29	487.98	-1,098.48	Last MWD Svy

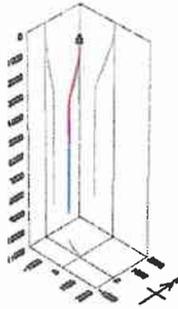
Checked By: \_\_\_\_\_ Approved By: \_\_\_\_\_ Date: \_\_\_\_\_



Project: UINTAH COUNTY, UT  
 Site: RBU 5-17E & 6-17E PAD  
 Well: RBU 5-17E  
 Wellbore: Wellbore #1  
 Design: Wellbore #1  
 Latitude: 39° 58' 51.400 N  
 Longitude: 109° 48' 35.662 W  
 Ground Level: 4981.00  
 WELL @ 4995.00ft (Unit 111)  
 S.A.P.# 4015894



**Weatherford**<sup>®</sup>



Survey: Survey #1 (RBU 5-17E/Wellbore #1)							
MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace VSec
6054.00	0.38	188.80	5834.29	487.98	-1098.48	0.05	125.28 1201.76

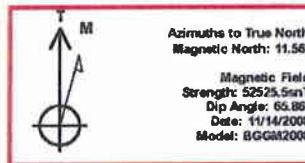
WELL DETAILS: RBU 5-17E						
+N/-S	+E/-W	Northing	Ground Level: Easting	4981.00 Latitude	Longitude	Slot
0.00	0.00	7154117.43	2114204.92	39° 58' 51.400 N	109° 48' 35.662 W	

WELLBORE TARGET DETAILS (MAP CO-ORDINATES AND LAT/LONG)						
Name	TVD	+N/-S	+E/-W	Latitude	Longitude	Shape
RBU 5-17E TGT	4100.00	488.09	-1113.43	39° 58' 58.036 N	109° 48' 48.960 W	Circle (Radius: 30.00)

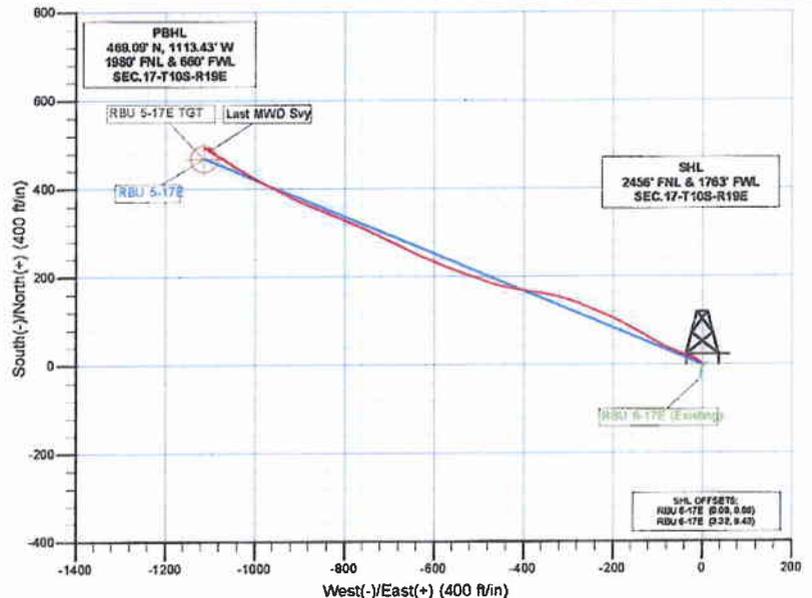
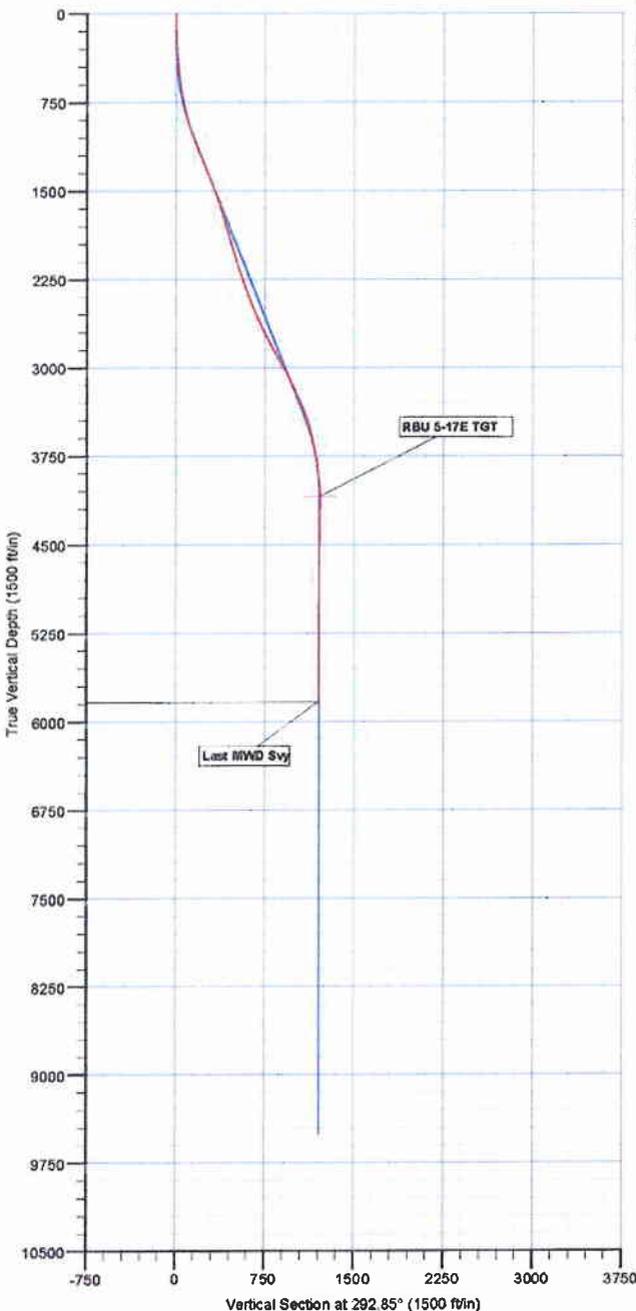
SECTION DETAILS									
MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Annotation
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
300.00	0.00	0.00	300.00	0.00	0.00	0.00	0.00	0.00	Start Build 3.00
1014.61	21.44	282.85	988.05	51.30	-121.77	3.00	282.85	132.14	Start 2582.58 hold at 1014.61 MD
3587.18	21.44	282.85	3401.95	417.79	-981.65	0.00	0.00	1076.07	Start Drop -3.00
4311.80	0.00	0.00	4100.00	488.09	-1113.43	3.00	180.00	1208.21	Start 5400.00 hold at 4311.80 MD
9711.80	0.00	0.00	9500.00	488.09	-1113.43	0.00	0.00	1208.21	TD at 9711.80

CASING DETAILS			
TVD	MD	Name	Size
2200.00	2305.90	9 5/8" Csg.	9.625
9500.00	009711.80	5 1/2" Csg.	5.500

FORMATION TOP DETAILS		
TVDPath	MDPath	Formation
4085.00	4286.80	Wasatch Tongue
4480.00	4671.80	Green River Tongue
4830.00	4841.80	Wasatch
5500.00	5711.80	Chapala Wells
6980.00	7071.80	Utahland Buries
7800.00	8011.80	Mesaverde



LEGEND	
—	RBU 6-17E (Existing), Wellbore #1, Wellbore #1 V0
—	RBU 5-17E, Wellbore #1, Design #1 V0
—	Wellbore #1
—	Survey #1



Survey: Survey #1 (RBU 5-17E/Wellbore #1)  
 Created By: BRET WOLFORD Date: 9:26, November 24 2008

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-03505
		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
		8. WELL NAME and NUMBER: RBU 5-17E
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____	9. API NUMBER: 4304739699	
2. NAME OF OPERATOR: XTO ENERGY INC.	10. FIELD AND POOL, OR WILDCAT: NATURAL BUTTES - WS-MV	
3. ADDRESS OF OPERATOR: 382 CR 3100 AZTEC NM 87410	PHONE NUMBER: (505) 333-3100	
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2456' FNL & 1763' FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SENW 17 10S 19E S	COUNTY: UINTAH STATE: UTAH	

11 CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input type="checkbox"/> PRODUCTION (START/RESUME) <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	<input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUT-OFF <input checked="" type="checkbox"/> OTHER: <u>PWOPL</u>
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: 3/10/2009			

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

XTO Energy Inc. put this well on a plunger lift per the attached morning report.

**RECEIVED**  
**JUN 08 2009**  
DIV. OF OIL, GAS & MINING

NAME (PLEASE PRINT) <u>BARBARA A. NICOL</u>	TITLE <u>REGULATORY CLERK</u>
SIGNATURE <u>Barbara A. Nicol</u>	DATE <u>6/2/2009</u>

(This space for State use only)

**Wellname: Riverbend Unit 05-17E**

**T-R-S: T10S-R19E-S17 State: Utah**

**Zones: Mesaverde**

**County: Uintah Lat: 39\*56'51.53"N Long: 109\*48'33.150"E**

**Objective: PWOPL Proposed TD:**

**Operation Summary:** MIRU Production Logging Services SLU. SN @ 8584'. BD tbg. PU & RIH w/ 1.625" blind box tl. Tagged fill @ 9378'. POH & LD t/s. PU & RIH w/ 1.908" broach t/s to SN. No ti spots. POH & LD t/s. PU & RIH w/ Ferguson BHBS w/ SV & chased to SN. POH & LD t/s. RDMO Production Logging Services. Pumper dropd new brush plngr and set up Fisher ROC to run on plngr mode. Well status switched from flwg to plngr. Test data to follow.

=====**Riverbend Unit 05-17E**=====

**End of Report**

<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-03505
<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 5-17E
<b>2. NAME OF OPERATOR:</b> XTO ENERGY INC	<b>9. API NUMBER:</b> 43047396990000
<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> 2456 FNL 1763 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SENW Section: 17 Township: 10.0S Range: 19.0E 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"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: ACID TREATMENT
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 5/10/2010			
<input type="checkbox"/> SPUD REPORT Date of Spud:			
<input type="checkbox"/> DRILLING REPORT Report Date:			

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

XTO Energy Inc. has performed an acid treatment on this well per the attached summary report.

Accepted by the  
 Utah Division of  
 Oil, Gas and Mining  
**FOR RECORD ONLY**  
 May 12, 2010

<b>NAME (PLEASE PRINT)</b> Barbara Nicol	<b>PHONE NUMBER</b> 505 333-3642	<b>TITLE</b> Regulatory Compliance Tech
<b>SIGNATURE</b> N/A	<b>DATE</b> 5/11/2010	

## RIVERBEND UNIT 05-17E

### Daily Operations Data From: 5/3/2010 7:00:00AM to 5/3/2010 5:00:00PM

MIRU 4CWS #5. Bd well. ND WH. NU BOP. PU & TIH w/5 jts 2-3/8" to 8,753' w/no fill (btm perf @ 8,690' & PBTD @ 9,686'). TOH w/prod tbg as follows: 261 jts 2-3/8", L-80, 4.7#, EUE 8rd tbg, 2-3/8" SN & BRS (top sec). NO sc BU found. Recd BHBS in SN. TIH w/4-3/4" bit, 5-1/2" csg scr & 98 jts 2-3/8" tbg. EOT @ 3,224'. SWI & SDFN.

### Daily Operations Data From: 5/4/2010 7:00:00AM to 5/4/2010 5:00:00PM

Bd well. Contd to TIH w/4-3/4" bit, 5-1/2" csg scr & 169 jts 2-3/8" tbg to 8,777'. No sc BU felt thru perms. TOH w/tbg. LD bit & csg scr. TIH w/5-1/2" RBP, 5-1/2" pkr & 2-3/8" tbg. Set RBP @ 8,777' & pkr @ 8,736'. MIRU Frac-Tech. PT surf equip to 5000 psig. PT tbg & tls to 4000 psig, gd tst. Proceed w/3 stage A. trtmnt as follows: Stg #1. Isol MV perms fr/8,623' -8,690'. Trtd perms w/1250 gals 15% HCL ac w/add's mutual solvent, iron seq & corr inhib. Flshd w/37 bbls trtd wtr. Max trtg press 2,700 psig @ 4 BPM & broke back to 480 psig w/no signs of comm @surf. ISIP 0 psig. Stg #2. Isol MV perms fr/8,540' - 8,562'. Trtd perms w/625 gals 15% HCL ac w/add's mutual solvent, iron seq & corr inhib. Flshd w/36 bbls trtd wtr. Max trtg press 1,550 psig @ 4 BPM. ISIP 455 psig. 5" SITP 0 psig. Stg #3. Isol MV perms fr/8,470' - 8,485'. Trtd perms w/625 gals 15% HCL ac w/add's mutual solvent, iron seq & corr inhib. Flshd w/36 bbls trtd wtr. Max trtg press 3,350 psig @ 3.2 BPM & broke back to 1,525. ISIP 0 psig. RDMO Frac-Tech. Rlsd tls. TOH w/120 jts 2-3/8" tbg. EOT @ 3,851'. SWI & SDFN.

### Daily Operations Data From: 5/5/2010 7:00:00AM to 5/5/2010 5:00:00PM

TOH w/146 jts 2-3/8" tbg. LD 5-1/2' RBP & pkr. TIH w/prod tbg strg & Ld on hgr as follows: 260 jts 2-3/8", L-80, 4.7#, EUE 8rd tbg, 2-3/8" SN & mule shoe col. SN @ 8,546', EOT @ 8,547', WA/MV perms f/8,470'-8,690' & PBTD @ 9,686'. RU swb tls. RIH w/XTO's 1.90" tbg broach to SN, no ti spts. POH & LD broach. ND BOP. NU BOP. RU & RIH w/swb tls. BFL @ 6,800' FS. S. 0 BO, 46 BLW ( clear fld w/strg odor of ac), 11 runs, 4 hrs. FFL @ 7,000' FS. Tbg on vac. SICIP 25 psig. RD swb tls. SWIFBU & SDFN.

### Daily Operations Data From: 5/6/2010 7:00:00AM to 5/6/2010 5:00:00PM

Bd tbg. RU & RIH w/swb tls. BFL @ 7,000' FS. S. 0 BO, 55 BLW, fld smpls of lt gray wtr w/no solids & strg odor of ac, 16 runs, 9 hrs. FFL @ 7,900' FS. Strg blow on tbg. SICIP 130 psig. RDswb tls. SWIFBU & SDFN.

### Daily Operations Data From: 5/7/2010 7:00:00AM to 5/7/2010 3:00:00PM

Bd well in 30" on 1" ck. Recd 1.5 BLW. RU & RIH w/swb tls. BFL @ 7,900' FS. S. 0 BO, 10 BLW, fld smpls of lt gray wtr w/no solids, 11 runs, 6 hrs. Well fld briefly between runs. FFL @ 8,000' FS. Strg blow on tbg. SICIP 105 psig. RD swb tls. SWIFPBU & SDFWE.

### Daily Operations Data From: 5/10/2010 7:00:00AM to 5/10/2010 12:00:00PM

F. 0 BO, 2 BLW, 1" ck, 2 hrs. SICIP 240 psig. RU & RIH w/swb tls. Chk FL @ 7,900' FS. Recd 2 BLW. Drpd BHBS w/SV & chased to SN w/sbs. POH & RD swb tls. Drpd plungr & cycle well. RWTP. RDMO 4CWS #5.

=====Riverbend Unit 05-17E=====

**End of Report**

<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-03505
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<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 5-17E
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<b>2. NAME OF OPERATOR:</b> XTO ENERGY INC	<b>9. API NUMBER:</b> 43047396990000
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<b>3. ADDRESS OF OPERATOR:</b> 382 Road 3100 , Aztec, NM, 87410	<b>PHONE NUMBER:</b> 505 333-3159 Ext	<b>9. FIELD and POOL or WILDCAT:</b> NATURAL BUTTES
--	--	--

<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 2456 FNL 1763 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SENW Section: 17 Township: 10.0S Range: 19.0E Meridian: S	<b>COUNTY:</b> UINTAH  <b>STATE:</b> UTAH
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11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: 7/28/2010  <input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:  <input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:  <input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input checked="" type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER:

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

XTO Energy Inc. will be recompleting to the Wasatch Zone per the attached procedure starting at Step #23.

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

Date: July 27, 2010

By: *[Signature]*

<b>NAME (PLEASE PRINT)</b> Barbara Nicol	<b>PHONE NUMBER</b> 505 333-3642	<b>TITLE</b> Regulatory Compliance Tech
<b>SIGNATURE</b> N/A		<b>DATE</b> 7/22/2010



**The Utah Division of Oil, Gas, and Mining**

- State of Utah
- Department of Natural Resources

**Electronic Permitting System - Sundry Notices**

**Sundry Conditions of Approval Well Number 43047396990000**

**Board Cause No. 259-01**

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

**Date:** July 27, 2010  
**By:** *Don K. [Signature]*

RFM \_\_\_\_\_  
TJF \_\_\_\_\_  
DLC \_\_\_\_\_

**River Bend Unit #5-17E**  
**Surf Loc: Unit F, Sec 17, T10S, R19E**  
**BH Loc: Unit E, Sec 17, T10S, R19E**  
**Uintah County, Utah**

**Mesaverde Completion (2 Stages) & Wasatch Completion (2 Stages)**

**Cond csg:** 14" conductor csg @ 56'. Cmt to surf.

**Surf csg:** 9-5/8", 36#, J-55, STC csg @ 2,273'. Circ cmt to surf.

**Prod csg:** 5-1/2", 17#, N-80, LTC csg @ 9,727'. FC @ 9,686'. MJ's @ 8,008' (16') & 4,815' (18').  
Drift = 4.767". Capacity = 0.0232 bbls/ft.  
**Burst = 7,740 psi (Treating @ 80% = 6,192 psi).**

**Cement:** 200 sx Class G cmt w/1/4 pps Flocele, 16% gel, 10 pps Gilsonite, 3 pps GR-3, & 3% salt (mixed @ 11.0 ppg & 3.82 cuft/sk) lead slurry followed by 790 sx Prem Lite cmt w/0.2% CFL-115, 0.2% CFL-175, 1/4 pps Flocele, 16% gel, 10 pps Gilsonite, 3 pps GR-3, & 10 pps salt (mixed @ 13.1 ppg & 1.69 cuft/sk). Did not circ cmt to surf. **TOC @ 770'.**

**Formations:** Mesaverde and Wasatch (well # 165755)

**Completion Procedure**

1. MI 6 - 500 bbl frac tanks and 1 flow back tank. Fill the frac tanks with 2% KCl water w/additives.
2. Cutoff 5-1/2" casing and weld on 5,000 psig WP tubing head. Pressure test the 5-1/2" casing to 2,500 psig for 30 minutes then test casing to 6,200 psig for 5 minutes. Record pressure test on chart.
3. NU frac valve.
4. MIRU wireline and mast truck. RU full lubricator.

5. Perf Mesaverde with a 3-1/8" csg gun with 2 JSPF (Titan EXP-3323-361T, 22.7 gm, 120 deg phasing, 0.36" dia., 35.63" penetration, 53 holes). POH with csg gun & RDMO WL truck.

**Mesaverde Perfs**

PERF	CCL	PERF	CCL
8,688'-8,690'		8,638'-8,646'	
8,682'-8,684'		8,629'-8,631'	
8,673'-8,678'		8,623'-8,625'	
8,666'-8,668'			

6. MIRU WH isolation tool. MIRU N2 frac equip.
7. Pressure test surface lines to 6,200 psig. Review treatment schedule with service company personnel and confirm treatment rate, stage fluid volumes, proppant volumes, type and amount of flush.
8. Breakdown formation and establish injection @ +/- 10 BPM. Spearhead 1,000 gals 7.5% HCl and frac Mesaverde perfs down 5-1/2" casing at 42 BPM. Pump 55Q N2 foam gelled fluid (Delta-R Foam Frac) w/150,000 lbs 20/40 Ottawa proppant coated with Expedite Lite. Over-flush (500 gals) by pumping 600 gals Water Frac G-R w/additives, 500 gals 7.5% NEFE HCl acid, and 7,800 gals Water Frac G-R w/additives. Record ISIP & 5" SIP.

<u>Stage 1</u>	<u>Volume</u>	<u>Fluid</u>	<u>Conc.</u>	<u>Proppant/Balls</u>	<u>N2</u>
1 - Acid	1,000	7.5% FE Acid-XTO			0%
2 - Pad	16,700	Delta-R Foam Frac (13) - Uintah			55%
3 - Proppant Laden Fluid	7,500	Delta-R Foam Frac (13) - Uintah	0.5 lbm/gal	Premium White-20/40	55%
4 - Proppant Laden Fluid	7,500	Delta-R Foam Frac (13) - Uintah	1 lbm/gal	Premium White-20/40	55%
5 - Proppant Laden Fluid	16,875	Delta-R Foam Frac (13) - Uintah	2 lbm/gal	Premium White-20/40	55%
6 - Proppant Laden Fluid	35,000	Delta-R Foam Frac (13) - Uintah	3 lbm/gal	Premium White-20/40	55%
7 - Flush	600	Water Frac G - R (20)			0%
8 - Acid	500	7.5% FE Acid-XTO			0%
9 - Flush	7,800	Water Frac G - R (20)			0%

9. RD frac equip. RU WL truck.
10. **SHUT WELL IN FOR A MINIMUM OF 15 MINUTES.**

11. RIH w/5-1/2" composite bridge plug. Set 8K CBP @ ±8,600' (ensure 8K CBP is not set in a casing collar). POH w/setting tl.
12. Perf Mesaverde with 3-1/8" csg gun with 2 JSPF (Titan EXP-3323-361T, 22.7 gm, 120 deg phasing, 0.36" dia., 35.63" penetration, 49 holes). POH with csg gun & RD WL truck.

**Mesaverde Perfs**

PERF	CCL	PERF	CCL
8,557'-8,562'		8,482'-8,485'	
8,550'-8,552'		8,477'-8,480'	
8,545'-8,547'		8,470'-8,473'	
8,540'-8,543'			

13. RU frac equip. Pressure test surface lines to 6,200 psig. BD perfs with 2% KCl water and EIR. Acidize Mesaverde perfs from 8,470'-8,562' with 1,350 gals of 7.5% NEFE HCl acid and 74 Bio-balls at 12 BPM down 5-1/2" csg. Flush with 8,450 gals 2% KCl water (3 bbls over flush). Record ISIP, 5", and 10" SIPs. Ball-off acid. Surge balls back several times. Shut down for 20 minutes, allowing Bio-balls to dissolve.
14. Review treatment schedule with service company personnel and confirm treatment rate, stage fluid volumes, proppant volumes, type and amount of flush.
15. Frac Mesaverde perfs down 5-1/2" casing at 42 BPM. Pump 55Q N2 foam gelled fluid (Delta-R Foam Frac) w/125,000 lbs 20/40 Ottawa proppant coated with Expedite Lite. Flush with 8,250 gals 2% KCl water. Record ISIP & 5" SIP.

<u>Stage 2</u>	<u>Volume</u>	<u>Fluid</u>	<u>Conc.</u>	<u>Proppant/Balls</u>	<u>N2</u>
1 - Acid	1,350	7.5% FE Acid-XTO			0%
2 - Flush	8,450	2% KCl Water			0%
3 - Pad	13,925	Delta-R Foam Frac (13) - Uintah			55%
4 - Proppant Laden Fluid	6,250	Delta-R Foam Frac (13) - Uintah	0.5 lbm/gal	Premium White-20/40	55%
5 - Proppant Laden Fluid	6,250	Delta-R Foam Frac (13) - Uintah	1 lbm/gal	Premium White-20/40	55%
6 - Proppant Laden Fluid	14,050	Delta-R Foam Frac (13) - Uintah	2 lbm/gal	Premium White-20/40	55%
7 - Proppant Laden Fluid	29,175	Delta-R Foam Frac (13) - Uintah	3 lbm/gal	Premium White-20/40	55%
8 - Flush	8,250	Water Frac G - R (20)			0%

16. RDMO frac equip. RU WL truck.
17. RIH w/ 5-1/2" composite bridge plug. Set CBP (kill plug) at ±8,000'. POH w/ setting tool and RDMO WL.

**\*WELL WILL INITIALLY BE COMPLETED AS A MESAVERDE ONLY WELL\***

18. MIRU PU. MI  $\pm$ 307 jts (9,686') 2-3/8", 4.7#, J-55, EUE, 8rd tbg. TIH w/4-3/4" bit, double dart safety sub, pump-off sub, SN and 2-3/8" tubing. DO 8K CBPs at 8,000' (kill plug), & 8,600'. CO to PBTD (9,686') and circulate wellbore clean.
19. Land tubing at  $\pm$ 8,600'. SN at  $\pm$ 8,601'. ND BOP. NU WH. Drop ball and pressure up to pump off sub, safety sub and bit.
20. If necessary, RU swab line and lubricator. Swab well until clean fluid is obtained and well kicks off.
21. Install flowback manifold. Flowback well thru a choke manifold to flowback tank. Start with a 12/64" choke. Increase choke size as appropriate. RDMO PU.
22. Report rates and pressures to Ray Martin.

23. Following a production test of the MV, continue with Wasatch completion when directed.
24. MIRU PU.
25. Blow well down and kill with 2% KCl water down tubing/casing annulus.
26. ND WH. NU BOP.
27. TIH slowly and softly tag PBTD @ 9,686'.
28. TOH and LD 2-3/8" tbg. Report fill or scale (if any) to Ray Martin.
29. ND BOP. NU frac valve.
30. MIRU wireline and mast truck. RU full lubricator.

31. RIH w/5-1/2" composite bridge plug. Set 8K CBP @ ±7,175' (ensure 8K CBP is not set in a casing collar). POH w/setting tl.
32. Perf Uteland Buttes/Chapita Wells with a 3-1/8" csg gun with 2 JSPF (Titan EXP-3323-361T, 22.7 gm, 120 deg phasing, 0.36" dia., 35.63" penetration, 24 holes). POH with csg gun & RDMO WL truck.

**Uteland Buttes/Chapita Wells Perfs**

PERF	CCL	PERF	CCL
7,111'-7,113'		6,791'-6,795'	
6,994'-6,996'		6,674'-6,676'	

33. MIRU WH isolation tool. MIRU N2 frac equip. Pressure test surface lines to 6,200 psig. BD perfs with 2% KCl water and EIR. Acidize Uteland Buttes/Chapita Wells perfs from 6,674'-7,113' with 750 gals of 7.5% NEFE HCl acid and 36 Bio-balls at 12 BPM down 5-1/2" csg. Flush with 7,050 gals 2% KCl water (3 bbls over flush). Record ISIP, 5", and 10" SIPs. Ball-off acid. Surge balls back several times. Shut down for 20 minutes, allowing Bio-balls to dissolve.
34. Review treatment schedule with service company personnel and confirm treatment rate, stage fluid volumes, proppant volumes, type and amount of flush.
35. Frac Uteland Buttes/Chapita Wells perfs down 5-1/2" casing at 40 BPM. Pump 70Q N2 foam gelled fluid (Delta-R Foam Frac) w/30,000 lbs 20/40 Ottawa proppant coated with Expedite Lite. Over-flush (500 gals) by pumping 900 gals Water Frac G-R w/additives, 500 gals 7.5% NEFE HCl acid, and 5,600 gals Water Frac G-R w/additives. Record ISIP & 5" SIP.

<u>Stage 3</u>	<u>Volume</u>	<u>Fluid</u>	<u>Conc.</u>	<u>Proppant/Balls</u>	<u>N2</u>
1 - Acid	750	7.5% FE Acid-XTO			0%
2 - Flush	7,050	2% KCl Water			0%
3 - Pad	2,700	Delta-R Foam Frac (13) - Uintah			70%
4 - Proppant Laden Fluid	1,500	Delta-R Foam Frac (13) - Uintah	1 lbm/gal	Premium White-20/40	70%
5 - Proppant Laden Fluid	1,500	Delta-R Foam Frac (13) - Uintah	2 lbm/gal	Premium White-20/40	70%
6 - Proppant Laden Fluid	6,000	Delta-R Foam Frac (13) - Uintah	3 lbm/gal	Premium White-20/40	70%
7 - Proppant Laden Fluid	1,875	Delta-R Foam Frac (13) - Uintah	4 lbm/gal	Premium White-20/40	70%
8 - Flush	900	Water Frac G - R (20)			0%
9 - Flush	500	Water Frac G - R (20)			0%
10 - Flush	5,600	Water Frac G - R (20)			0%

36. RD frac equip. RU WL truck.

37. **SHUT WELL IN FOR A MINIMUM OF 15 MINUTES.**

38. RIH w/5-1/2" composite bridge plug. Set 8K CBP @ ±6,400' (ensure 8K CBP is not set in a casing collar). POH w/setting tl.
39. Perf Chapita Wells with 3-1/8" csg gun with 2 JSPF (Titan EXP-3323-361T, 22.7 gm, 120 deg phasing, 0.36" dia., 35.63" penetration, 18 holes). POH with csg gun & RD WL truck.

**Chapita Wells Perfs**

PERF	CCL
6,332'-6,338'	
6,286'-6,288'	

40. RU frac equip. Pressure test surface lines to 6,200 psig. BD perfs with 2% KCl water and EIR. Acidize Chapita Wells perfs from 6,286'-6,338' with 750 gals of 7.5% NEFE HCl acid and 27 Bio-balls at 12 BPM down 5-1/2" csg. Flush with 6,300 gals 2% KCl water (3 bbls over flush). Record ISIP, 5", and 10" SIPs. Ball-off acid. Surge balls back several times. Shut down for 20 minutes, allowing Bio-balls to dissolve.
41. Review treatment schedule with service company personnel and confirm treatment rate, stage fluid volumes, proppant volumes, type and amount of flush.
42. Frac Chapita Wells perfs down 5-1/2" casing at 30 BPM. Pump 70Q N2 foam gelled fluid (Delta-R Foam Frac) w/22,500 lbs 20/40 Ottawa proppant coated with Expedite Lite. Flush with 6,125 gals 2% KCl water. Record ISIP & 5" SIP.

<u>Stage 4</u>	<u>Volume</u>	<u>Fluid</u>	<u>Conc.</u>	<u>Proppant/Balls</u>	<u>N2</u>
1 - Acid	750	7.5% FE Acid-XTO			0%
2 - Flush	6,300	2% KCl Water			0%
3 - Pad	2,025	Delta-R Foam Frac (13) - Uintah			70%
4 - Proppant Laden Fluid	1,125	Delta-R Foam Frac (13) - Uintah	1 lbm/gal	Premium White-20/40	70%
5 - Proppant Laden Fluid	1,125	Delta-R Foam Frac (13) - Uintah	2 lbm/gal	Premium White-20/40	70%
6 - Proppant Laden Fluid	4,500	Delta-R Foam Frac (13) - Uintah	3 lbm/gal	Premium White-20/40	70%
7 - Proppant Laden Fluid	1,400	Delta-R Foam Frac (13) - Uintah	4 lbm/gal	Premium White-20/40	70%
8 - Flush	6,125	Water Frac G - R (20)			0%

43. RDMO frac equip. RU WL truck.
44. RIH w/ 5-1/2" composite bridge plug. Set CBP (kill plug) at ±5,900'. POH w/ setting tool and RDMO WL.

45. MIRU PU. Pick up ±307 jts (9,686') 2-3/8", 4.7#, J-55, EUE, 8rd tbg. TIH w/4-3/4" bit, double dart safety sub, pump-off sub, SN and 2-3/8" tubing. DO 8K CBPs at 5,900' (kill plug), 6,400', & 7,175'. CO to PBTD (9,686') and circulate wellbore clean.
46. Land tubing at ±8,600'. SN at ±8,601'. ND BOP. NU WH. Drop ball and pressure up to pump off sub, safety sub and bit.
47. If necessary, RU swab line and lubricator. Swab well until clean fluid is obtained and well kicks off.
48. Install flowback manifold. Flowback well thru a choke manifold to flowback tank. Start with a 12/64" choke. Increase choke size as appropriate. RDMO PU.
49. Report rates and pressures to Ray Martin

**Regulatory:**

1. None

**Equipment:**

1. TBG: ±307 jts 2-3/8" tubing, SN, pump-off bit sub, safety sub and bit

<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-03505
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<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 5-17E
<b>2. NAME OF OPERATOR:</b> XTO ENERGY INC	<b>9. API NUMBER:</b> 43047396990000
<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> 2456 FNL 1763 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SENW Section: 17 Township: 10.0S Range: 19.0E 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: 8/13/2010	<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 checked="" 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: <input style="width: 100px;" type="text" value="RE-DELIVERY"/>

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

XTO Energy Inc. has re-delivered this well to Questar Gas Management @ 1300 hours on Friday, 8/13/2010, with the Wasatch Zone added to the existing Mesaverde Zone. Please see the attached completion summary for further details.

Accepted by the  
 Utah Division of  
 Oil, Gas and Mining  
**FOR RECORD ONLY**  
 August 18, 2010

<b>NAME (PLEASE PRINT)</b> Barbara Nicol	<b>PHONE NUMBER</b> 505 333-3642	<b>TITLE</b> Regulatory Compliance Tech
<b>SIGNATURE</b> N/A	<b>DATE</b> 8/17/2010	

## **Riverbend Unit 05-17E**

**7/23/2010:** MIRU 4CWS rig #5. Bd well. ND WH. NU BOP. TOH & LD 160 jts 2-3/8", L-80, 4.7#, EUE 8rd tbg. SWI. SDFWE.

**7/26/2010:** Bd well. TOH & LD 100 jts 2-3/8" tbg, 2-3/8" SN & 2-3/8" MSC. MIRU Single Shot WL. RIH w/GR. RIH w/5-1/2" Halliburton 8K CBP. Set CBP @ 7,175'. Perfs fr/8,470' - 8,690'. PBD @ 9,686'. POH & LD setting tl. RDMO WL. Fill csg w/166 bbls 2% kcl wtr. PT CIBP & csg to 3,000 psig for 10". Tstd ok. Rlsd press. ND BOP. NU frac vlv assy. Chng out csg vlvs. Press csg to 2,000 psig & SWI. RDMO 4CWS rig #5.

**7/27/2010:** MIRU B&C tstrs. Attd to PT frac vlv, csg & CBP. W/ 6000 psig CBP @ 7,175' failed. RD tstrs. MIRU WLU. RIH w/10K CBP to 7,200'. Did not tg 1st CBP. PUH & set 10K CBP @ 7,160' (above MV perfs 8,470' - 8,690'). POH & LD setting tl. RU tst trk. PT frac vlv, csg & CBP to 6,200 psig w/140 BW, 10", gd tst. Rlsd press. RDMO tst trk. SWI & SDFN.

**7/28/2010:** MIRU HES & CHS WLU. Held safety mtg & PT all surf lines to 6,200 psig, gd tst. RIH w/3-1/8" csg guns loaded w/Titan EXP-3323-361T, 22.7 gm chrgs. Perf WA stage #3 interval fr/6,674' - 76', 6,791' - 95', 6,994' - 66' & 7,111' - 13' w/2 JSPF (120 deg phasing, 0.36" EHD, 35.6 pene., 24 holes). POH & LD perf guns. BD WA stg #3 perfs w/2% KCL wtr and EIR. A. WA perfs fr/6,674' - 7,113' w/750 gals of 7-1/2% NEFE HCL ac and 36 Bio-balls dwn 5-1/2" csg. Good BA. Balled out. Max TP 5,700 psig. ISIP 2,430 psig. 5"-1995 psig. Surge balls off perfs, wait 20". Fracd WA stg #3 perfs fr/6,674' - 7,113' dwn 5-1/2" csg w/17,388 gals 70Q N2 foam gelled 2% KCl wtr + additives (Delta-R Foam Frac) carrying 30,300# 20/40 Ottawa sd, coated w/Expedite Lite on 4# stg. Flushed frac w/154 bbls 2% KCL wtr & 500 gals 7-1/2% HCl w/acid spotted across next perf interval. Max DH sd conc 3.4 ppg. ISIP 2,000 psig & 5" SIP 1,995 psig. Used 739 MSCF N2. AIR 34.9 BPM (foam). ATP 3,660 psig. 491 BLWTR. RIH & set 8K CBP @ 6,400'. 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 WA stage #4 intv fr/6,286' - 88' & 6,332' - 38' w/2 JSPF (120 deg phasing, 0.36" EHD, 35.63" pene., 18 holes). POH & LD guns. BD WA stg #4 perfs w/2% KCL wtr and EIR. A. WA perfs fr/6,286' - 6,338' w/750 gals of 7-1/2% NEFE HCL ac & 27 Bio-balls dwn 5-1/2" csg. Good BA. Balled out. Max TP 5,800 psig. ISIP 978 psig, 5" SIP 681 psig Surge balls off perfs, wait 10". Fracd WA stg #4 perfs fr/6,286' - 6,338' dwn 5-1/2" csg w/13,590 gals 70Q N2 foam gelled 2% KCl wtr + additives (Delta-R Foam Frac) carrying 22,240# 20/40 Ottawa sd, coated w/Expedite Lite on 4# stg. Flushed frac w/145 bbls 2% KCL wtr. Max DH sd conc 3.5 ppg. ISIP 978 psig, 5" SIP 687 psig. Used 258 MSCF N2. AIR 34.3 BPM. ATP 2,970 psig. 389 BLWTR. RIH w/5-1/2" 8 k kill plug & set @ 5,920'. POH & LD setting tl. SWI. RDMO HES & WLU. SDFN.

**8/3/2010:** MIRU 4CWS #5. ND frac vlv. NU BOP & hydril. PU & TIH w/4-3/4" bit, BRS, safety sub & 181 jts 2-3/8", L-80, 4.7#, EUE 8rd tbg. Tgd 5-1/2" kill plug @ 5,920'. RU pwr swivel. SWI & SDFN.

**8/4/2010:** Estb circion w/2% KCl wtr. DO 5-1/2" kill plug @ 5,920'. Well went on vac. MIRU AFU & estb circion. Contd to DO 5-1/2" CBPs @ 6,400' & 7,160'. Circ clin. Contd TIH & tgd failed CBP @ 8,692'. DO plg. TIH & tgd 145' of fill @ 9,541' (Btm perf @ 8,690' & PBD @ 9,686'). DO @ 9,541' for 30" w/no results (Poss BRS). Circ for 1.5 hrs & KW w/20 BW. RD AFU & pwr swivel. TOH w/102 jts 2-3/8" tbg to abv perfs. EOT @ 6,203'. SWI & SDFN.

**8/5/2010:** Bd csg in 1hr on 32/64 ck, recd 4 bbls BLW. TOH w/2-3/8" tbg. LD 4-3/4" bit, BRS & safety sub. KW w/10 BW as per TOH. TIH w/mule shoe col, 2-3/8" SN & 271 jts 2-3/8" tbg. EOT @ 8,905'. RU AFU & estb circion. Cont to circ well for 3 hrs. Recd 35 BLW. RDMO AFU. TOH & LD 15 jts tbg. Ld prod tbg strg on hgr as follows: 256 jts 2-3/8", L-80, 4.7#, EUE 8rd tbg, 2-3/8" SN & mule shoe col. SN @ 8,420', EOT @ 8,421', WA/MV perfs fr/6,286' - 7,113', fill @ 9,541' & PBD @ 9,686'. ND BOP & hydril. NU WH. RU swb tls. RIH w/XTO's 1.90" tbg broach to SN, no ti spts. POH & LD broach. SWIFBU & SDFN.

**8/6/2010:** Bd tbg w/no fld recy. RU & RIH w/swb tls. BFL @ 6,100' FS. S. 0 BO, 22 BLW, 1.5 hrs, 4 runs. FFL @ 4100' FS. KO well flwg. RD swb tls. F. 0 BO, 21 BLW, 32/64,ck, 6 hrs. Rets of gas & wtr. FTP 50 psig. SICP 340 psig. SWIFBU & SDFWE.

**8/9/2010:** Bd tbg in 20", no fld recy. EOT 8,422'. WA/MV perfs fr/6,286' - 8,690'. RU & RIH w/BFL @ 5,800' FS. S. 0 BO, 9 BLW, 2 runs, 30". FFL @ 3,800' FS, SICP 493 psig, fld rets of grey wtr, no solids. Well KO flwg. RD swb tls. FTP 30 psig, SICP 400 psig. F. 0 BO, 27 BLW, 8 hrs, FTP 30 - 143 psig, SICP 400 -338 psig, 32/64" ck - 24/64 ck. Rets of gas, wtr. RDMO 4 CWS Rig #5, turn well over to flow testers.

**8/10/2010:** EOT 8,422'. Perfs: 6,286' - 8,690'. PBTD 9,541'. F. 0 BO, 25 BLW, 24 hrs, FTP 172 - 74 psig, SICP 338 - 274 psig, 24/64" ck - 32/64 ck. Rets of gas, wtr, N2.

**8/11/2010:** EOT 8,422'. Perfs: 6,286' - 8,690'. PBTD 9,541'. F. 0 BO, 19 BLW, 16 hrs, FTP 105 - 102 psig, SICP 280 - 258 psig, 32/64" ck. Rets of gas, wtr & 6.4% N2. RDMO flow tester. Turn well over to prod dept to begin tst data.

**8/13/2010:** Re-deliver well on 8/13/10 @ 1:00 pm with WA zone added to existing MV zone.

=====**Riverbend Unit 05-17E**=====

**End of Report**

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

1a. Type of Well  Oil Well  Gas Well  Dry  Other

b. Type of Completion:  New Well  Work Over  Deepen  Plug Back  Diff. Resvr.,  
Other ADD WASATCH ZONE TO MESAVERDE

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 **2,456' ENL & 1,763' FWL**  
At top prod. interval reported below **2,038' ENL & 705' FWL**  
At total depth **2,038' ENL & 705' FWL**

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

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 5-17E**

9. API Well No. **43-047-39699**

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

11. Sec., T., R., M., or Block and Survey or Area **SEW SEC 17-T10S-R19E**

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

14. Date Spudded **10/23/2008** 15. Date T.D. Reached **11/30/2008** 16. Date Completed  D & A  Ready to Prod. **3/2/2009 8/13/10**

17. Elevations (DF, RKB, RT, GL)\* **4,981' GL**

18. Total Depth: MD **9,775'** TVD **9,556'** 19. Plug Back T.D.: MD **9,541'** TVD

20. Depth Bridge Plug Set: MD TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each) **PREVIOUSLY REPORTED**

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/A52A	36	0	56.5		63/Redimix		SURF	
12-1/4"	9.6/J-55	36	0	2,273		600/Premium		SURF	
7-7/8"	5.5/S-80	17	0	9,727		200/Type V		770	
"	"	"	"	"		790/Prem Lt		"	

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"	8,422'							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) MESAVERDE	8,470'	8,690'	8,470' - 8,690'	0.36"	102	OPEN
B) WASATCH	6,286'	7,113'	6,286' - 7,113'	0.36"	42	OPEN
C)						
D)						

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

Depth Interval	Amount and Type of Material
8,470' - 8,690'	2-Stage treatment totals: A. w/2,350 gals 7-1/2% NEFE HCL acid. Fracd w/107,361 gals. 55Q N2 foam fld (Delta-R Foam Frac), 2% KCl wtr carrying 275,700# Premium White 20/40 sand coated w/Expedite Lite.
6,286' - 7,113'	2-Stage treatment totals: A. w/2,000 gals 7-1/2% NEFE HCL acid. Fracd w/30,978

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
3/2/09	3/12/09	24	→	0	200	7			FLOWING
Choke Size	Tbg. Press. Flwg. SI	Csg. Press. SI	24 Hr.	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	
N/A	229	334	→	0	200	7		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
8/13/10	8/15/10	24	→	0	317	13			FLOWING
Choke Size	Tbg. Press. Flwg. SI	Csg. Press. SI	24 Hr.	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	
48/64"	110	270	→	0	317	13		PRODUCING	

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28b. Production - Interval C

Y400 1000

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	1106
				MAHOGENY BENCH	1961
				WASATCH TONGUE	4291
				UTELAND LIMESTONE	4676
				WASATCH	4832
				CHAPITA WELLS	5727
				UTELAND BUTTE	7110
				MESAVERDE	7915

32. Additional remarks (include plugging procedure):

Line #27 cont: gals 70Q N2 foam gelled fluid (Delta-R Foam Frac) carrying 52,540# 20/40 Ottawa sand, coated w/Expedite Lite, flushed frac w/299 bbl 2% KCl wtr.

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) BARBARA A. NICOL

Title REGULATORY COMPLIANCE TECHNICIAN

Signature Barbara A. Nicol

Date 08/17/2010

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.

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	<b>FORM 9</b>
<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>1. TYPE OF WELL</b> Gas Well	<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> U-03505
<b>2. NAME OF OPERATOR:</b> XTO ENERGY INC	<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>3. ADDRESS OF OPERATOR:</b> PO Box 6501 , Englewood, CO, 80155	<b>7. UNIT or CA AGREEMENT NAME:</b> RIVER BEND
<b>PHONE NUMBER:</b> 303 397-3727 Ext	<b>8. WELL NAME and NUMBER:</b> RBU 5-17E
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 2456 FNL 1763 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SENW Section: 17 Township: 10.0S Range: 19.0E Meridian: S	<b>9. API NUMBER:</b> 43047396990000
	<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 checked="" type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 6/11/2015	<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 type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

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

XTO Energy, Inc. performed and Acid Treatment on this well per the following: 6/11/2015 MIRU Swabbing pmp trk. Pmpd 1 bbl 30% HCL AC w/ adds. Flshd w/15 gal TFW. RDMO pmp trk. RWTP

**Accepted by the**  
**Utah Division of**  
**Oil, Gas and Mining**  
**FOR RECORD ONLY**  
 August 19, 2015

<b>NAME (PLEASE PRINT)</b> Tiffani Spinelli-Genovese	<b>PHONE NUMBER</b> 303 397-3677	<b>TITLE</b> Regulatory Analyst
<b>SIGNATURE</b> N/A	<b>DATE</b> 8/17/2015	