

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

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

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. <b>BIA 142060462</b>
2. Name of Operator <b>XTO ENERGY INC.</b>		6. If Indian, Allottee or Tribe Name <b>UTE MOUNTAIN UTE TRIBE</b>
3a. Address <b>382 CR 3100 AZTEC, NM 87410</b>	3b. Phone No. (include area code) <b>505-333-3176</b>	7. If Unit or CA/Agreement, Name and/or No.
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) <b>1331' FNL &amp; 1610' FWL SENW SEC. 34 (F) -T32N-R14W N.M.P.M.</b>		8. Well Name and No. <b>UTE INDIANS A #55</b>
		9. API Well No. <b>30-045-34824</b>
		10. Field and Pool, or Exploratory Area <b>UTE DOME PARADOX</b>
		11. County or Parish, State <b>SAN JUAN NM</b>

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other <u>CHANGE</u>
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	<u>DRILLING PROGRAM</u>
	<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.)

After further geological review XTO Energy would like to extend the TD of this well to 8770' total measured depth.

Please see attached revised drilling program.

RCVD MAR 14 '11  
OIL CONS. DIV.  
DIST. 3

**RECEIVED**

MAR - 4 2011

Bureau of Land Management  
Durango, Colorado

14. I hereby certify that the foregoing is true and correct Name (Printed/Typed) <b>TEENA M. WHITING</b>	Title <b>REGULATORY COMPLIANCE TECHNICIAN</b>
Signature <i>Teena M. Whiting</i>	Date <b>3/1/2011</b>

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

Approved by <i>D. J. R. [Signature]</i>	Title <b>AMSC</b>	Date <b>3/1/2011</b>
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.		Office

**BLM**

# XTO ENERGY INC.

Ute Indians A #55

APD Data

March 1, 2011

Location: 1331' FNL x 1610' FWL Sec 34, T32N, R14W

County: San Juan

State: New Mexico

GREATEST PROJECTED TD: 8770'  
APPROX GR ELEV: 5978'

OBJECTIVE: Ute Dome Paradox  
Est KB ELEV: 5980' (12' AGL)

## 1. MUD PROGRAM:

INTERVAL	0' to 850'	850' to 2500'	2500' to 8770'
HOLE SIZE	12.25"	8.75"	8.75"
MUD TYPE	FW/Spud Mud	FW/Polymer	LSND / Gel Chemical
WEIGHT	8.6-9.0	8.4-8.8	8.6- 9.20
VISCOSITY	28-32	28-32	45-60
WATER LOSS	NC	NC	8-10

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: 9.625" casing to be set at  $\pm 850'$  in a 12.25" 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'-850'	850'	36.0#	J-55	ST&C	2020	3520	394	8.921	8.765	4.970	8.66	12.88

Production Casing: 5.5" casing to be set at TD ( $\pm 8770'$ ) in 8.75" 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'-8770'	8770'	17.0#	N-80	LT&C	6280	7740	348	4.892	4.767	1.50	1.84	2.33

Remarks: All Casing strings will be centralized in accordance with Onshore Order #2 and NTL FRA-90-1.

## 3. WELLHEAD:

- A. Casing Head: Larkin Fig 92 (or equivalent), 9" nominal, 2,000 psig WP (4,000 psig test) with 8-5/8" 8rnd thread on bottom and 11-3/4" 8rnd thread on top.
- B. Tubing Head: Larkin Fig 612 (or equivalent), 6.456" nominal, 2,000 psig WP (4,000 psig test), 5-1/2" 8rnd female thread on bottom (or slip-on, weld-on), 8-5/8" 8rnd thread on top.

**4. CEMENT PROGRAM (Slurry design may change slightly, but the plan is to circulate cement to surface on both casing strings):**

A. Surface: 9.625", 36.0#, J-55, ST&C casing to be set at  $\pm 850'$  in 12-1/4" hole.

383 sx of Type III cement (or equivalent) typically containing accelerator and LCM, mixed at 14.5 ppg, 1.39 ft<sup>3</sup>/sk, & 6.70 gal wtr/sk.

*Total slurry volume is 532 ft<sup>3</sup>, 100% excess of calculated annular volume to 850'.*

B. Production: 5.5", 17.0#, N-80 (or K-55), LT&C casing to be set at  $\pm 8770'$  in 8.75" hole.

1<sup>st</sup> Stage

LEAD:

$\pm 1216$  sx of Premium Lite HS (Type III/Poz/Gel) or equivalent, with dispersant, fluid loss, accelerator, & LCM mixed at 12.5 ppg, 2.01 ft<sup>3</sup>/sk, 10.55 gal wtr/sx.

TAIL:

250 sx Type III or equivalent cement with bonding additive, LCM, dispersant, & fluid loss mixed at 14.2 ppg, 1.54 cuft/sx, 8.00 gal/sx.

*Total estimated slurry volume for the 5-1/2" production casing is 3042 ft<sup>3</sup>.*

*Note: The slurry design may change slightly based upon actual conditions. Final cement volumes will be determined from the caliper logs plus 40%. It will be attempted to circulate cement to the surface.*

**5. LOGGING PROGRAM:**

A. Mud Logger: None.

B. Open Hole Logs as follows: Run Array Induction/SFL/GR/SP fr/TD (8770') to the bottom of the surface csg. Run Neutron/Lithodensity/Pe/GR/Cal from TD (8770') to 3,000'.

C. There are no plans to shoot wire line side wall cores or to conduct rotary "whole" coring operations on this well.

D. There is not any open hole formation testing operations planned for this well.

6. **FORMATION TOPS:**

Est. KB Elevation: 5980'

FORMATION	Sub-Sea	MD	FORMATION	TV Sub-Sea	MD
Cliffhouse			Carmel Fmtn	2341	3639
Menefee			Wingate SS	2138	3842
Point Lookout	5968	12	Chinle Fmtn	1950	4030
Mancos	5612	368	Shinarump Congl.	1602	4378
Gallup SS	4456	1524	Moenkopi Fmtn	1196	4784
Greenhorn LS	3804	2176	Cutler Group	926	5054
Graneros Shale	3742	2238	Hermosa Group	-921	6901
Dakota SS	3679	2301	Paradox Fmtn	-1575	7555
Burro Canyon SS	3486	2494	Ismay Member*	-1725	7705
Morrison Fmtn	3428	2552	Desert Creek *	-1936	7916
Bluff SS	2757	3223	Akah *	-2058	8038
Summerville Fmtn	2572	3408	Barker Creek*	-2232	8212
Todilto LS	2488	3492	Alkali Gulch	-2466	8446
Entrada SS	2466	3514	TD	-2566	8770

\* Primary Objective

\*\* Secondary Objective

\*\*\*\* Maximum anticipated BHP should be <5,800 psig ( <0.63 psi/ft) \*\*\*\*

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

A.

Formation	Expected Fluids	Well Depth Top
Cliffhouse	Water	
Menefee	Water	
Point Lookout	Water	12
Gallup	Water	1524
Dakota SS	Gas	2301
Burro Canyon SS	Gas	2494
Morrison Formation	Water	2552
Bluff SS	Water	3223
Entrada SS	Water	3514
Wingate SS	Water	3842
Ismay Member	Gas	7705
Desert Creek	Gas	7916
Akah	Gas	8038
Barker Creek	Gas	8212
Alkali Gulch	Gas	8446

- A. No Appreciable Water Zones are anticipated.
- 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. Once the Morrison is drilled the well will be treated as a potential source of H<sub>2</sub>S.

## 8. BOP Equipment:

Minimum specification 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 approved 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 Durango, Colorado 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:**

Name	Title	Office Phone	Home Phone
Justin Niederhofer	Drilling Engineer	505-333-3199	505-320-0158
Bobby Jackson	Drilling Superintendent	505-333-3224	505-486-4706
Reed Meek	Project Geologist	817-885-2800	--

JDN  
3/1/11