

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

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

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

1. Type of Well

☐ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

**XTO Energy Inc.**

3a. Address

**2700 Farmington Ave., Bldg. K. Ste 1 Farmington,**

3b. Phone No. (include area code)

**505-324-1090**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

**1650' FSL & 1650' FEL SEC 28J-T27N-R11W**

5. Lease Serial No.

**NMSF-078872A**

6. If Indian, Allottee or Tribe Name

**2007 APR 10 AM 10:15**

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

**RECEIVED  
BLM**

8. Well Name and No.

**BOLACK 28 #4E**

9. API Well No.

**30-045-32232**

10. Field and Pool, or Exploratory Area

**BASIN DAKOTA**

11. County or Parish, State

**SAN JUAN NM**

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

TYPE OF SUBMISSION

☒ Notice of Intent

☐ Subsequent Report

☐ Final Abandonment Notice

TYPE OF ACTION

☐ Acidize

☐ Alter Casing

☐ Casing Repair

☒ Change Plans

☐ Convert to Injection

☐ Deepen

☐ Fracture Treat

☐ New Construction

☐ Plug and Abandon

☐ Plug Back

☐ Production (Start/Resume)

☐ Reclamation

☐ Recomplete

☐ Temporarily Abandon

☐ Water Disposal

☐ Water Shut-Off

☐ Well Integrity

☐ 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 recompleat 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 recompleat 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 change the drilling program per the attached procedure.**



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

**LORRI D. BINGHAM**

Title

**REGULATORY COMPLIANCE TECH**

Date **4/5/07**

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

Approved by

**Troy L. Salyers**

Title

**Petroleum Engineer**

Date

**4/12/2007**

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

**FFO**

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.

**NMOCD**

# XTO ENERGY INC.

Bolack 28 #4E

APD Data

April 4, 2007

Location: 1650' FSL x 1650' FEL Sec 28, T27N, R11W County: San Juan State: New Mexico

GREATEST PROJECTED TD: 6850'  
APPROX GR ELEV: 6315'

OBJECTIVE: Basin Dakota  
Est KB ELEV: 6327' (12' AGL)

## 1. MUD PROGRAM:

INTERVAL	0' to 360'	360' to 2500'	2500' to 6850'
HOLE SIZE	12.25"	7.875"	7.875"
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: 8.625" casing to be set at  $\pm 360'$  in a 12-1/4" 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'-360'	360'	24.0#	J-55	ST&C	1370	2950	244	8.097	7.972	7.950	17.13	28.24

Production Casing: 5.5" casing to be set at TD ( $\pm 6850'$ ) in 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'-6850	6850'	15.5#	J-55	ST&C	4040	4810	202	4.950	4.825	1.23	1.47	1.90

## 3. WELLHEAD:

- 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.
- 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: 8.625", 24.0#, J-55, ST&C casing to be set at  $\pm 360'$  in 12-1/4" hole.

214 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 297 ft<sup>3</sup>, 100% excess of calculated annular volume to 360'.*

B. Production: 5.5", 15.5#, J-55 (or K-55), ST&C casing to be set at  $\pm 6850'$  in 7.875" hole. DV Tool set @  $\pm 4100'$

1<sup>st</sup> Stage

LEAD:

$\pm 217$  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:

150 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.

2<sup>nd</sup> Stage

LEAD:

$\pm 341$  sx of Type III or equivalent cement with 8% gel & LCM mixed at 11.9 ppg, 2.54 ft<sup>3</sup>/sk, 15.00 gal wtr/sx.

TAIL:

100 sx Type III neat mixed at 14.5 ppg, 1.39 cuft/sx, 6.3 gal/sx.

*Total estimated slurry volume for the 5-1/2" production casing is 1671 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 (6850') to the bottom of the surface csg. Run Neutron/Lithodensity/Pe/GR/Cal from TD (6850') to 3,000'.

## 6. FORMATION TOPS:

Est. KB Elevation: 6327'

FORMATION	Sub-Sea Elev.	WELL DEPTH	FORMATION	Sub-Sea Elev.	WELL DEPTH
Ojo Alamo SS	5546	781	Gallup Ss**	893	5,434
Kirtland Shale	5406	921	Greenhorn Ls	26	6,301
Farmington SS			Graneros Sh	-30	6,357
Fruitland Formation	4948	1,379	1 <sup>ST</sup> Dakota Ss*	-58	6,385
Lower Fruitland Coal			2 <sup>ND</sup> Dakota Ss*	-86	6,413
Pictured Cliffs SS	4433	1,894	3 <sup>RD</sup> Dakota Ss*	-135	6,462
Lewis Shale	4206	2,121	4 <sup>TH</sup> Dakota Ss*	-181	6,508
Chacra SS	3550	2,777	5 <sup>TH</sup> Dakota Ss*	-227	6,554
Cliffhouse SS	2969	3,358	6 <sup>TH</sup> Dakota Ss*	-250	6,577
Menefee	2860	3,467	Burro Canyon Ss*	-281	6,608
Point Lookout SS	2021	4,306	Morrison Fm	-316	6,643
Mancos Shale	1699	4,628	<b>Total Depth</b>	-523	<b>6,850</b>

\* Primary Objective

\*\* Secondary Objective

\*\*\*\* Maximum anticipated BHP should be <2,000 psig ( <0.30 psi/ft) \*\*\*\*

## 7. COMPANY PERSONNEL:

Name	Title	Office Phone	Home Phone
John Egelston	Drilling Engineer	505-564-6734	505-330-6902
Jerry Lacy	Drilling Superintendent	505-566-7917	505-320-6543
John Klutsch	Project Geologist	817-885-2800	--

JWE

4/4/07