Form 3160-5 (April 2004)

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

CONDECTOR M. CENS. D.C. 

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

Lease Serial No.

J. Lease Serial No.	
MSF-080382	
5. If Indian, Allottee or Tribe Name	

NOV 3 0 2006

SUNDRY NOTICES AND	MSF-080382				
Do not use this form for prop	6. If Indian, Allott	ee or Tribe Name			
abandoned well. Use Form 31	160-3 (APD) for		W 22 PM	1 17	
		200S M	$\mathbb{W}$ (2 $\mathbb{T}$		
SUBMIT IN TRIPLICATE - Other	er instructions	on reverse side		k .	greement, Name and/or No
			RECEIVE	1	
1. Type of Well		070	FARMING	8. Well Name and	No
Oil Well X Gas Well Other	FRONTIER AZT				
2. Name of Operator					
XTO Energy Inc.				9. API Well No.	
3a. Address	_	3b. Phone No. (include are	ea code)	30-045-32731	
2700 Farmington Ave., Bldg. K. Ste 1		505-324-1090		}	l, or Exploratory Area
4. Location of Well (Footage, Sec., T., R., M., or Survey Descri	-			BASIN DAKOTA	
1550' FSL & 890' FWL SEC 8D-T27N-R11W	•				
				11. County or Pa	rish, State
				SAN JUAN	<u>NM</u>
<ol><li>12. CHECK APPROPRIATE BC</li></ol>	X(ES) TO INE	ICATE NATURE OF N	NOTICE, REP	ORT, OR OTHE	R DATA
TYPE OF SUBMISSION		TYP	E OF ACTION		**************************************
TIPE OF SUBMISSION		111	E OF ACTION		
X Notice of Intent	Acidize	Deepen	Production	(Start/Resume)	Water Shut-Off
	Alter Casing	Fracture Treat	Reclamatio	,,	Well Integrity
Subsequent Report	<b>-</b>	=		-	
	Casing Repair	New Construction	Recomplet	te	Other
Final Abandonment Notice	Change Plans	Plug and Abandon	Temporari	ly Abandon	
	Convert to Injection	on Plug Back	Water Dis	posal	
If the proposal is to deepen directionally or recomplete Attach the Bond under which the work will be perform following completion of the involved operations. If the testing has been completed. Final Abandonment Notic determined that the final site is ready for final inspection XTO Energy Inc. proposes to change of	ned or provide the coperation results it ces shall be filed or )	Bond No. on file with BLM/ n a multiple completion or re- ily after all requirements, inc	BIA. Required secompletion in a seluding reclamation	subsequent reports s new interval, a Forn	hall be filed within 30 days 1 3160-4 shall be filed once
14. I hereby certify that the foregoing is true and correct Name (Printed/Typed)		Title			
LORRI D. BINCHAM		I REGULA	TORY COMPLI	ANCE TECH	

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Original Signed: Stephen Mason Title Approved by Office

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

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

Date

11/10/06

## XTO ENERGY INC.

## Frontier Aztec A #1E APD Data November 10, 2006

Location: 1550' FSL x 890' FWL Sec 8, T27N, R11W County: San Juan State: New Mexico

GREATEST PROJECTED TD: \_6850'

OBJECTIVE: Dakota

APPROX GR ELEV: 6140'

Est KB ELEV: 6152' (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 (±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:

- 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:

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  $\textcircled{a} \pm 4250$ '

#### 1st Stage

#### LEAD:

±199 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:

±355 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: The mud logger will come on at 2,900' 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 (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: 6152'

FORMATION	Sub-Sea	MD	FORMATION	TV Sub-Sea	MD
Ojo Alamo SS	o SS 5435 717 Gallup**		694	5,458	
Kirtland Shale	5328	824	Greenhorn	-125	6,277
Farmington SS			Graneros	-190	6,342
Fruitland Formation	4798	1,354	Dakota 1*	-218	6,370
Lower Fruitland Coal	4332	1820	Dakota 2*	-250	6,402
Pictured Cliffs SS	4295	1,857	Dakota 3*	-295	6,447
Lewis Shale	4106	2,046	Dakota 4*	-339	6,491
Chacra SS	3382	2,770	Dakota 5*	-371	6,523
Cliffhouse SS	2741	3,411	Dakota 6*	-395	6,547
Menefee	2653	3,499	Burro Canyon	-441	6,593
Point Lookout SS	1821	4,331	Morrison*	-487	6,639
Mancos Shale	1533	4,619	TD	-698	6,850

\*\*\*\* 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 11/10/06