

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
OMB NO. 1004-0135  
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.*5. Lease Serial No.  
NMSF078213

6. If Indian, Allottee or Tribe Name

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

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

1. Type of Well

☐ Oil Well ☐ Gas Well ☒ Other: COAL BED METHANE8. Well Name and No.  
TIGER 16T2. Name of Operator  
XTO ENERGY INCContact: LORRI BINGHAM  
E-Mail: Lorri\_bingham@xtoenergy.com9. API Well No.  
30-045-33647-00-S13a. Address  
382 ROAD 3100  
AZTEC, NM 874103b. Phone No. (include area code)  
Ph: 505-333-3204  
Fx: 505-213-055810. Field and Pool, or Exploratory  
BASIN FRUITLAND COAL

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

Sec 35 T30N R13W NENW Lot C 951FNL 1442FWL

11. County or Parish, and State  
SAN JUAN COUNTY, NM

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input checked="" 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 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 site is ready for final inspection.)

BP XTO Energy Inc. proposes to plug and abandon this well per the attached procedure. Please see also, the attached current and proposed wellbore diagrams.



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

Electronic Submission #109320 verified by the BLM Well Information System

For XTO ENERGY INC, sent to the Farmington

Committed to AFMSS for processing by STEVE MASON on 05/31/2011 (11SXM0506SE)

Name (Printed/Typed) LORRI BINGHAM

Title REGULATORY ANALYST

Signature (Electronic Submission)

Date 05/27/2011

## THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By STEPHEN MASON

Title PETROLEUM ENGINEER

Date 05/31/2011

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 Farmington

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.

\*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\*

NMOCD A

LWA \_\_\_\_\_  
TWD \_\_\_\_\_  
Approved \_\_\_\_\_

**Tiger #16T**  
**P&A Fruitland Coal**  
**UL C, Sec 35, T30N, R13W**  
**San Juan County, New Mexico**

**AFE#** 1100946  
**Formation:** FC  
**Production Csg:** 4-1/2", 10.5# CSG @ 1,831'.  
**PBTD:** 1,787'  
**Tubing:** 2-3/8" x 1' valve, 1 jt 2-3/8" tbg, Cavins Desander, 2-3/8" x 4' tbg sub, SN, & 51 jts 2-3/8", 4.7#, J-55, 8rd, EUE tbg  
**Perforations:** 1,564' - 1,650'  
**Current Prod:** SI

**Plug and Abandonment Procedure**

1. Check anchors. MIRU PU.
2. TOH & LD rods & pmp. ND WH. NU BOP.
3. TIH & tag fill (PBTD @ 1,787'). PT tbg. TOH & visually inspect tbg.
4. TIH 3-7/8" bit and csg scraper. CO to 1,550'. TOH & LD bit & csg scraper.
5. TIH 4-1/2" CIBP on tubing. Set CIBP @ 1,514'.
6. Load casing with water and pressure test to 550 psig for 30 minutes. Record test on chart. If casing does not test, spot and tag subsequent plugs as appropriate.
7. MIRU cement truck.
8. Pump 37 sx class "G" cement (15.6 ppg, 1.18 cuft/sx yield) down tubing from 1,083' - 1,514'.
9. ND BOP.
10. Pump 44 sx class "G" cement (15.6 ppg, 1.18 cuft/sx yield) down tubing and spot balance plug from surface - 528'.
11. LD all tubing. RDMO PU.
12. WOC 4 hours.
13. Cut off wellhead. Fill in casing as needed with cement. Install P&A marker.
14. Cut off anchors and reclaim location.

Place at least  
50' Cement  
in 4 1/2" x 7"  
Annulus



# XTO - Wellbore Diagram

Well Name: Tiger 16T

API/UWI 30045336470000	E/W Dist (ft) 1,442.0	E/W Ref FWL	N/S Dist (ft) 951.0	N/S Ref FNL	Location T30N-R13W-S35	Field Name Basin Fruitland Coal	County San Juan	State New Mexico
Well Configuration Type Vertical	XTO ID B 68139	Orig KB Elev (ft) 5,699.00	Gr Elev (ft) 5,694.00	KB-Grd (ft) 5.00	Spud Date 2/27/2007	PBTD (All) (ftKB) Original Hole - 1785.0	Total Depth (ftKB) 1,832.0	Method Of Production Beam

Well Config: Vertical - Original Hole, 2/1/2011 4:11:53 PM

Schematic - Actual		Incl	ftKB (TVD)	ftKB (MD)	Zone	Top (ftKB)	Btm (ftKB)
					Fruitland Coal	1,564.0	1,650.0
<b>Casing Strings</b>							
0	Casing Description	OD (in)	Wt (lbs/ft)	String Grade	Top Connection	Set Depth (ftKB)	
	Surface	7	20.00	J-55		459.0	
1	Casing Description	OD (in)	Wt (lbs/ft)	String Grade	Top Connection	Set Depth (ftKB)	
	Production	4 1/2	10.50	J-55		1,832.0	
<b>Cement</b>							
5	Description	Type	String				
	Production Casing Cement	casing	Production, 1,832.0ftKB				
23	Comment						
27	Description	Type	String				
	Surface Casing Cement	casing	Surface, 459.0ftKB				
35	Comment						
<b>Perforations</b>							
270	Date	Top (ftKB)	Btm (ftKB)	Shot Dens (shots/ft)	Hole Diameter (in)	Phasing (*)	Zone
		1,564.0	1,570.0				Fruitland Coal
326		1,632.0	1,650.0				Fruitland Coal
459							
<b>Tubing Strings</b>							
1,234	Tubing Description	Run Date				Set Depth (ftKB)	
	Tubing - Production	8/21/2009				1,720.0	
1,243	<b>Tubing Components</b>						
1,468	Item Description	Jts	Model	OD (in)	Wt (lbs/ft)	Grade	Top Thread
	Tubing	45	T&C Upset	2 3/8	4.70	J-55	1,462.46
1,564							5.2
1,570	Tubing	6	T&C Upset	2 3/8	4.70	J-55	193.30
							1,467.6
1,593	Seating Nipple	1		2			1.10
							1,660.9
1,593	Tubing	1	T&C Upset	2 3/8	4.70	J-55	4.10
							1,662.0
1,618	Cavins Desander	1		2 3/8	4.70	J-55	20.00
							1,666.1
1,619	Tubing	1	T&C Upset	2 3/8	4.70	J-55	32.88
							1,686.1
1,632	Valve	1		2 3/8			1.00
							1,719.0
1,644	<b>Rods</b>						
1,646	Rod Description	Run Date			String Length (ft)		Set Depth (ftKB)
	Rod String	8/21/2009			1,659.00		1,660.0
1,650	<b>Rod Components</b>						
	Item Description	Jts	Model	OD (in)	Grade	Len (ft)	Top (ftKB)
1,660	Polished Rod	1		1 1/4		22.00	1.0
							23.0
1,660	Pony Rod	1		3/4	96	4.00	23.0
							27.0
1,661	Pony Rod	1		3/4	96	8.00	27.0
							35.0
1,661	Pony Rod	1		3/4	96	8.00	35.0
							43.0
1,662	Sucker Rod	48	WCN-78	3/4	D	1,200.00	43.0
							1,243.0
1,666	Sucker Rod w/Molded Guides	14		3/4	D	350.00	1,243.0
							1,593.0
1,670	Sinker Bar	1		1 1/2	K	25.00	1,593.0
							1,618.0
1,686	Shear Tool - 21K	1		3/4		1.00	1,618.0
							1,619.0
1,686	Sinker Bar	1		1 1/2	K	25.00	1,619.0
							1,644.0
1,699	Lift Sub	1		1		2.00	1,644.0
							1,646.0
1,699	Rod Insert Pump	1		1 1/2		14.00	1,646.0
							1,660.0
1,719	<b>Stimulations &amp; Treatments</b>						
	Frac Start Date	Top Perf (ft)	Bottom Perf (ft)	V (slurry) (bbl)	Total Proppant (lb)	AIR (bbl)	ATP (psi)
1,720		1632	1650				MTP (psi) ISIP (psi)
1,785	Comment						
1,832							

Top (MD):1,564,  
Des:Fruitland Coal

PBTD,  
1,785  
TD,  
1,832

Top (MD):1,564,  
Des:Fruitland Coal

PBTD,  
1,785  
TD,  
1,832



# XTO - Wellbore Diagram

**Well Name: Tiger 16T**

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Well Config: Vertical - Original Hole, 2/1/2011 4:11:53 PM

## Stimulations & Treatments

Schematic - Actual	Incl	RKB (TVD)	RKB (MD)	Frac Start Date	Top Perf (f...	Bottom Pe...	V (slurry) (...	Total Prop...	AIR (b...	ATP (psi)	MTP (psi)	ISIP (psi)
<p>Top (MD):1,564, Des:Fruitland Coal</p> <p>PBTD, 1,785 TD, 1,832</p>			0	Comment IHS 297 Well Import Test number: 001 lb								
			1	Frac Start Date	Top Perf (f...	Bottom Pe...	V (slurry) (...	Total Prop...	AIR (b...	ATP (psi)	MTP (psi)	ISIP (psi)
			5	Comment								
			5									
			23									
			27									
			35									
			43									
			270									
			326									
			459									
			1,234									
			1,243									
			1,468									
			1,564									
			1,570									
			1,593									
			1,618									
			1,619									
			1,632									
			1,644									
			1,646									
			1,650									
			1,660									
			1,661									
			1,662									
			1,666									
			1,670									
			1,686									
			1,699									
			1,719									
			1,720									
			1,785									
			1,832									

**Proposed P&A**

**Tiger #16T**

Basin Fruitland Coal  
951' FNL. 1.442' FWL. Section 35, T-30-N. R-13-W.  
San Juan County, NM / API #30-045-33647

Today's Date: 2/01/10  
Spud: 2/27/07  
Completed: 3/15/07  
Elevation: 5,694' GI  
5,699' KB

8.75" hole

TOC @ 270' by CBL

Kirtland @ 326'

7" 20#, J-55 Casing set @ 478'  
Cement with 170 sxs  
Circulated 8 bbls to surface

Plug #2: 528' - 0'  
Class G Cement, 44 sxs

$$528 / 11.167 (1.18) = 40 \text{ sxs}$$

Fruitland @ 1,135'  
1354

Plug #1: 1,514' - 1,083'  
Class G Cement, 37 sxs

$$1514 - 1083 / 11.167 (1.18) = 33 \text{ sxs}$$

Set CIBP @ 1,514'

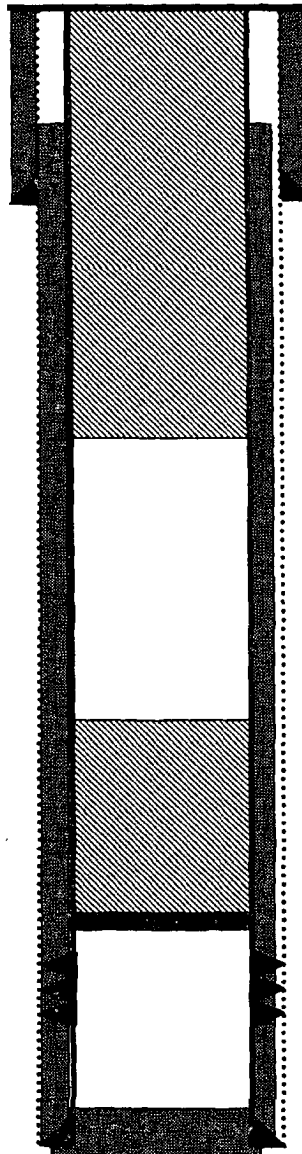
Fruitland Coal Perforations:  
1,564' - 1,650'

Pictured Cliffs @ 1,670'

4.5", 10.5#, J-55 Casing set @ 1,831'  
Cement with 195 sxs  
Did not circ to surf.

6.25" hole

TD 1,840'  
PBTD 1,787'



**UNITED STATES DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
FARMINGTON DISTRICT OFFICE  
1235 LA PLATA HIGHWAY  
FARMINGTON, NEW MEXICO 87401**

Attachment to notice of  
Intention to Abandon:

Re: Permanent Abandonment  
Well: 16T Tiger

**CONDITIONS OF APPROVAL**

1. Plugging operations authorized are subject to the attached "General Requirements for Permanent Abandonment of Wells on Federal and Indian Lease."
2. Farmington Office is to be notified at least 24 hours before the plugging operations commence (505) 599-8907.
3. The following modifications to your plugging program are to be made:
  - a) Place a cement plug from 50' to surface in the 4 ½" X 7" annulus.

You are also required to place cement excesses per 4.2 and 4.4 of the attached General Requirements.

Office Hours: 7:45 a.m. to 4:30 p.m.