

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

MAY 26 2010

2. Name of Operator

XTO ENERGY INC.

Bureau of Land Management  
Farmington Field Office

3a. Address

382 CR 3100 AZTEC, NM 87410

3b. Phone No. (include area code)

505-333-3176

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

537' FSL & 2139' FWL SESW SEC. 26 (N) -T30N-R13W N.M.P.M.

5. Lease Serial No.

NMSF-078213

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.

FEDERAL A #102

9. API Well No

30-045-31298

10. Field and Pool, or Exploratory Area

BASIN FRUITLAND COAL

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., intends to plug and abandon this well per the attached procedure.

Please see also the attached current and proposed wellbore diagrams.

RCVD JUN 3 '10

OIL CONS. DIV.

DIST. 3

Notify NMOCD 24 hrs  
prior to beginning  
operations

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

TEENA M. WHITING

Title REGULATORY COMPLIANCE TECHNICIAN

Signature *Teena M. Whiting*

Date 5/25/2010

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Original Signed: Stephen Mason

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

Office

Date MAY 27 2010

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 *Ar*

CLJ \_\_\_\_\_  
TWD \_\_\_\_\_  
Approved \_\_\_\_\_

**Federal A #102**  
**P&A Fruitland Coal**  
**UL N, Sec 36, T30N, R13W**  
**San Juan County, New Mexico**

**AFE# / WELL#** 1000774 / 67551  
**Formation:** FC  
**Production Csg:** 4-1/2", 10.5# CSG @ 1,908'.  
**PBTD:** 1,896'  
**Tubing:** 2-3/8" x 30' OEMA w/1/4" wh, SN & 55 jts tbg. EOT @ 1,725'  
**Perforations:** 1,732' - 1,745'  
**Current Prod:** 0 MCFPD

**Plug and Abandonment Procedure**

1. Check anchors. MIRU PU.
2. TOH & LD rods & pmp.
3. ND WH. NU BOP.
4. TIH & tag fill (PBTD @ 1,896'). PT tbg. TOH & visually inspect tbg.
5. TIH 4-1/2" CIBP on tubing. Set CIBP @ 1,700'.
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 4 sx class "G" cement (15.6 ppg, 1.18 cuft/sx yield) down tubing from 1,700' - 1,750'.
9. Pump 13 sx class "G" cement (15.6 ppg, 1.18 cuft/sx yield) down tubing and spot balance plug from ~~1,056'~~ - ~~1,206'~~ (volume calculated with 50% excess).  
**1506 1406**
10. Pump ~~13~~ **17** sx class "G" cement (15.6 ppg, 1.18 cuft/sx yield) down tubing and spot balance plug from 300' - 492' (volume calculated with 50% excess).
11. ND BOP.
12. Pump 4 sx class "G" cement (15.6 ppg, 1.18 cuft/sx yield) down tubing and spot balance plug from surface - 50'.
13. LD all tubing. RDMO PU.
14. WOC 4 hours.

15. Cut off wellhead. Fill in casing as needed with cement. Install P&A marker.

16. Cut off anchors and reclaim location.

**Regulatory Requirements**

C-144 Form

NOI for P&A on form C-103

Submit a post-work sundry on form C-103 which details the P&A work and location work within 30 days of completing all required restoration work.

**Materials**

1 flowback tank

36 sx cl "G" cmt

Cement truck

1 – 4-1/2" CIBP

P&A marker



# XTO - Wellbore Diagram

**Well Name: Federal A 102**

API/UWI 30045312980000	E/W Dist (ft) 2,139.0	E/W Ref FWL	N/S Dist (ft) 537.0	N/S Ref FSL	Location T30N-R13W-S26	Field Name Basin Fruitland Coal	County San Juan	State New Mexico
Well Configuration Type Vertical	XTO ID B 67551	Ong KB Elev (ft) 5,792.00	Gr Elev (ft) 5,784.00	KB-Grd (ft) 8.00	Spud Date 6/10/2003	PBTD (All) (ftKB) Original Hole - 1884.0	Total Depth (ftKB) 1,930.0	Method Of Production Beam

Well Config: Vertical - Original Hole, 2/1/2010 11:00:20 AM

Schematic - Actual		Incl	ftKB (TVD)	ftKB (MD)	Zones		Top (ftKB)	Btm (ftKB)			
<p>Top (MD) 1,732, Des Fruitland Coal</p> <p>PBTD, 1,884</p> <p>TD, 1,930</p>					Fruitland Coal	1,732.0	1,745.0				
		<b>Casing Strings</b>									
		Casing Description	OD (in)	Wt (lbs/ft)	String Grade	Top Connection	Set Depth (ftKB)				
		Surface	8 5/8	23.00	J-55		417.0				
		Casing Description	OD (in)	Wt (lbs/ft)	String Grade	Top Connection	Set Depth (ftKB)				
		Production	4 1/2	10.50	K-55		1,908.0				
		<b>Cement</b>									
		Description	Type	String							
		Surface Casing Cement	casing	Surface, 417.0ftKB							
		Comment									
		Description	Type	String							
		Production Casing Cement	casing	Production, 1,908.0ftKB							
		Comment									
		<b>Perforations</b>									
		Date	Top (ftKB)	Btm (ftKB)	Shot Dens (shots/ft)	Hole Diameter (in)	Phasing (°)	Zone			
		8/12/2003	1,732.0	1,745.0	3.0			Fruitland Coal			
		<b>Tubing Strings</b>									
		Tubing Description	Run Date	Set Depth (ftKB)							
		Tubing - Production	5/2/2005	1,817.7							
		<b>Tubing Components</b>									
		Item Description	Jts	Model	OD (in)	Wt (lbs/ft)	Gra	Top Thread	Len (ft)	Top (ftKB)	Btm (ftKB)
		Tubing	58	T&C Upset	2 3/8	4.70	J-55		1,777.91	8.0	1,785.9
		Seat Nipple	1		2 3/8				1.10	1,785.9	1,787.0
		OEMA	1		2 3/8	4.70	J-55		30.70	1,787.0	1,817.7
		<b>Rods</b>									
		Rod Description	Run Date	String Length (ft)		Set Depth (ftKB)					
		Rod	2/27/2006	1,786.00		1,786.0					
		<b>Rod Components</b>									
		Item Description	Jts	Model	OD (in)	Grade	Len (ft)	Top (ftKB)	Btm (ftKB)		
		Polished Rod	1		1 1/4		11.00	0.0	11.0		
		Rod Sub	3		3/4	D	22.00	11.0	33.0		
		Sucker Rod	67		3/4	D	1,675.00	33.0	1,708.0		
		Sinker Bar	3		1 1/4	C	75.00	1,708.0	1,783.0		
		Rod Insert Pump	1	RWAC	1 1/2		3.00	1,783.0	1,786.0		
		<b>Stimulations &amp; Treatments</b>									
		Frac Start Date	Top Perf (ft)	Bottom Pe	V (slurry) (	Total Prop	AIR (b	ATP (psi)	MTP (psi)	ISIP (psi)	
		1,786									
		Comment		IHS 297 Well Import Test number 001							
		1,787		Measurement: gal lb Remarks: delta 140 gel, sand							
		Frac Start Date	Top Perf (ft)	Bottom Pe	V (slurry) (	Total Prop	AIR (b	ATP (psi)	MTP (psi)	ISIP (psi)	
		1,818									
		Comment		IHS 297 Well Import Test number 001							
		1,884		Measurement gal Remarks 15%							
		1,908									
		1,930									

Top (MD) 1,732,  
Des Fruitland Coal

PBTD,  
1,884

TD,  
1,930

KB: 5,792'  
GL: 5,784'  
KB CORR: 8'

12-1/4" HOLE

CMT: SURF - 50'

KIRTLAND 363'

8-5/8", 23 #, J-55 CSG @ 417'  
CMT 325 SX  
CIRC 34 BBLS TO SURF.

CMT: 300' - 492'

6-1/4" HOLE

FRUITLAND 1,156'

CMT: 1,056' - 1,206'

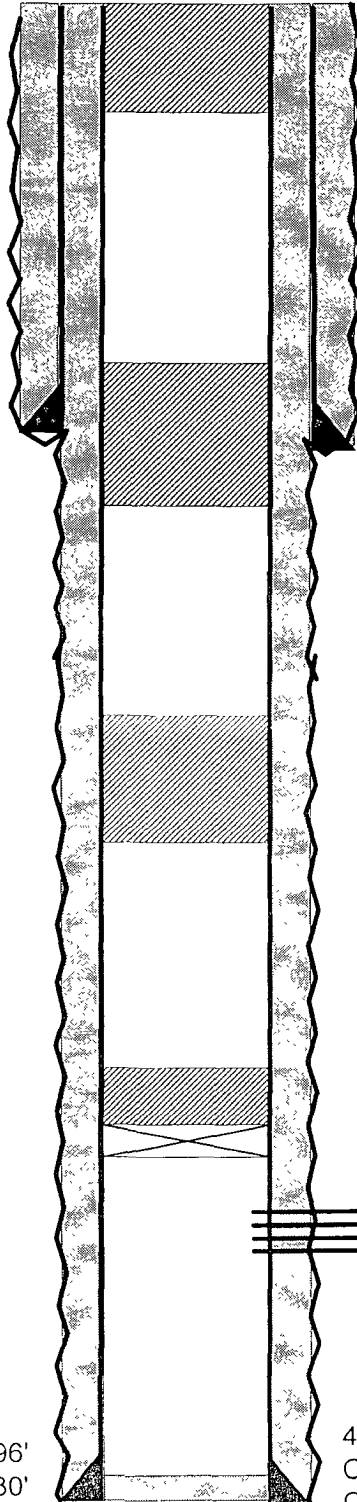
CMT: 1,700' - 1,750'

CIBP @ 1,700'

FC: 1,732' - 1,745'

PBTD: 1,896'  
TD: 1,930'

4-1/2", 105 #, K-55 CSG @ 1,908'  
CMT 240 SX  
CIRC 30 BBLS TO SURF.



**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: 102 Federal A

**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 the Fruitland plug from 1506' – 1406'.

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.