

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**

**OCT 08 2014**

1. Type of Well  
 Oil Well  Gas Well  Other

2. Name of Operator  
**XTO ENERGY INC.**

3a. Address **382 CR 3100 AZTEC, NM 87410**

3b. Phone No. (include area code)  
**505-333-3630**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
**2482' FSL & 1413' FWL NESW Sec.7 (K) -T26N-R12W N.M.P.M.**

5. Lease Serial No.  
**NMNM-22046**

6. If Indian, Allottee or Tribe Name  
**NAVAJO SURFACE**

7. If Unit or CA/Agreement, Name and/or No.  
**ROYD OCT 15 '14 OIL CONS DIV**

8. Well Name and No.  
**GALLEGOS FEDERAL 26-12-7 #1**

9. API Well No.  
**DIST. 3 30-045-28899**

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	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 final site is ready for final inspection.)

**XTO Energy Inc. intends to plug and abandon this well per the attached procedure and will be using a Closed Loop System. Please see also the attached current and proposed wellbore diagrams.**

**BLM'S APPROVAL OR ACCEPTANCE OF THIS ACTION DOES NOT RELIEVE THE LESSEE AND OPERATOR FROM OBTAINING ANY OTHER AUTHORIZATION REQUIRED FOR OPERATIONS ON FEDERAL AND INDIAN LANDS**

**Notify NMOCD 24 hrs prior to beginning operations**

**SEE ATTACHED FOR CONDITIONS OF APPROVAL**

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

Name (Printed/Typed) **SHERRY J. MORROW** Title **REGULATORY ANALYST**

Signature *Sherry J. Morrow* Date **10/7/2014**

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

Approved by **Troy Salvers** Title **Petroleum Eng.** Date **10/14/2014**

Office **FFO**

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.

**NMOCD**

**Gallegos Federal 26-12-7 #1  
Sec 7, T 26 N, R 12 W  
San Juan County, New Mexico  
9/9/2014**

**Plug and Abandon Procedure**

**AFE Number:** 1408192  
**Spud Date:** 12/26/1992  
**Surface Casing:** 7", 20#, J-55 csg @ 126'. Cmt'd w/50 sx. Circ 2 bbls cmt to surf.  
**Production Casing:** 4-1/2", 10.5#, J-55 csg @ 1,298'. Cmt'd w/160 sx. Circ 4 bbls cmt to surf.  
*Capacity: .0159 bbls/ft or .6699 gal/ft*  
**Production Tubing:** 2-3/8" string  
**Rod String:** 3/4" string  
**Pump:** 1-1/2" rod insert pump  
**Perforations:** Fruitland Coal: 1,131' – 1,150'  
**PBTD:** 1,260'  
**Recent Production:** INA since 8/27/2014. 14 mcfpd, 0 bwpd (downhole failure).

*\*Notify NMOCD & BLM 24 hours prior to beginning plugging operations\**

1. Check for COA's and approved NOI before beginning operations.
2. Test rig anchors.
3. Set flowback tank.
4. MIRU completion rig. Review JSA.
5. Kill well.
6. TOH & LD rods & pump.
7. ND WH. NU & FT BOP.
8. TOH & LD tubing.
9. TIH 3-7/8" bit to 1,131' on 2-3/8" workstring. TOH.
10. TIH 4-1/2" CR and set @ ±1,100'. PT tubing. Sting out of CR and circulate hole clean.

11. PT casing and CR to 550 psig. If casing does not test, contact engineer.
12. MIRU cement truck. Review JSA.
13. **Perforation Isolation & Fruitland Coal Top Plug (1,100' – 820')**: Pump 26 sx Class "B" cement (15.6 ppg, 1.18 cuft/sx yield) down tubing and spot a balanced plug from 1,100' – 820' (volume calculated with 50' excess).  
*See COA*
14. **Kirtland Top, Casing Shoe & Surface Plug (205' – Surface)**: Pump 20 sx Class "B" cement (15.6 ppg, 1.18 cuft/sx yield) down tubing and spot a balanced plug from 205' – Surface (volume calculated with 50' excess).
15. TOH & LD tubing.
16. RDMO cement truck.
17. WOC 4 hours.
18. Cut off WH. Fill in casing as needed with cement. Install above ground P&A marker.
19. Cut off anchors and reclaim location.

### Checklist

#### Regulatory:

1. NOI to P&A on form C-103 & 3160-5
2. Submit a post-work sundry on form C-103 & 3160-5 which details the P&A work and location work within 30 days of completing all required restoration work.

#### Equipment:

1. 1 flowback tank
2. 1,150' 2-3/8" workstring
3. 4-1/2" cement retainer
4. 3-7/8" bit
5. 46 sx Class "B" cement
6. 1 above ground marker

#### Services:

1. Completion rig
2. Cement truck



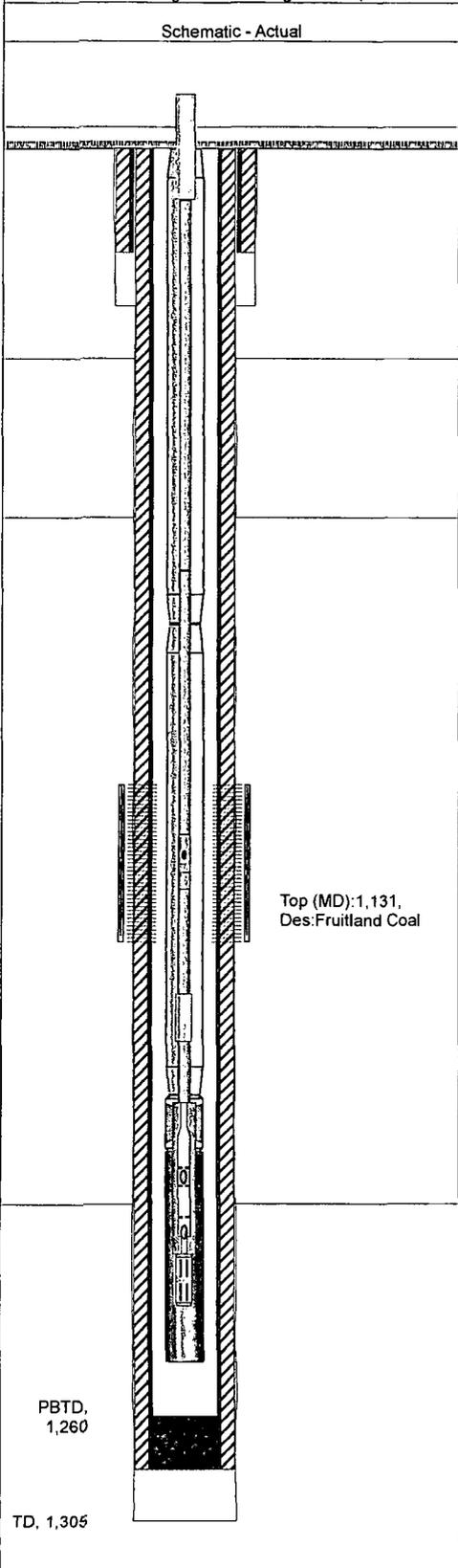
# XTO - Wellbore Diagram

## Current

**Well Name: Gallegos Federal 26-12-07-01**

API/UWI 30045288990000	E/W Dist (ft) 1,413.0	E/W Ref FWL	N/S Dist (ft) 2,482.0	N/S Ref FSL	Location T26N-R12W-S07	Field Name Basin Fruitland Coal	County San Juan	State/Province New Mexico
Well Configuration Type Vertical	XTO ID B 67996	Orig KB Elev (ft) 5,982.00	Gr Elev (ft) 5,977.00	KB-Grd (ft) 5.00	Spud Date 12/26/1992	PBTD (All) (ftKB) Original Hole - 1260.0	Total Depth (ftKB) 1,305.0	Method Of Production Beam

Well Config: Vertical - Original Hole, 9/12/2014 10:39:34 AM



Top (MD):1,131,  
Des:Fruitland Coal

PBTD,  
1,260

TD, 1,305

Zones		Zone		Top (ftKB)		Btm (ftKB)				
Fruitland Coal				1,131.0		1,150.0				
<b>Casing Strings</b>										
-8	Casing Description	OD (in)	Wt (lbs/ft)	String Grade	Top Connection	Set Depth (ftKB)				
	Surface	7	20.00	J-55		126.0				
5	Casing Description	OD (in)	Wt (lbs/ft)	String Grade	Top Connection	Set Depth (ftKB)				
	Production	4 1/2	10.50	J-55		1,298.0				
<b>Cement</b>										
9	Description	Type	String							
	Surface Casing Cement	casing	Surface, 126.0ftKB							
126	Comment									
	Cmt w/ 50 sx CI B cmt w/2% CaCl2 & 1/4 pps Flocele. Circ 2 bbls cmt to surf.									
130	Description	Type	String							
	Production Casing Cement	casing	Production, 1,298.0ftKB							
155	Comment									
	Cmt Lead w/ 85 sx CI B w/2% Metasilicate & 1/4 pps Flocele f/b Tail 75 sx CI B w/2% CaCl2 & 1/4 pps Flocele. Circ 4-1/2 bbl cmt to surf.									
205	<b>Perforations</b>									
820	Date	Top (ftKB)	Btm (ftKB)	Shot Dens (shots/ft)	Hole Diameter (in)	Phasing (*)	Zone			
		1,131.0	1,150.0	4.0			Fruitland Coal			
870										
<b>Tubing Strings</b>										
908	Tubing Description	Run Date	Set Depth (ftKB)							
	Tubing - Production	5/14/2010	1,191.5							
1,095	<b>Tubing Components</b>									
	Item Description	Jts	Model	OD (in)	Wt (lbs/ft)	Gra...	Top Thread	Len (ft)	Top (ftKB)	Btm (ftKB)
1,100	Tubing	35	T&C Upset	2 3/8	4.70	J-55	8RD EUE	1,089.75	5.0	1,094.8
1,102	Tubing	2	T&C Upset	2 3/8	4.70	J-55	8RD EUE	65.66	1,094.8	1,160.4
1,131	Seat Nipple	1		2 3/8			8RD EUE	1.10	1,160.4	1,161.5
1,134	OEMA	1		2 3/8	4.70	J-55	8RD EUE	30.00	1,161.5	1,191.5
1,134	<b>Rods</b>									
	Rod Description	Run Date	String Length (ft)		Set Depth (ftKB)					
1,150	Rod String	5/14/2010	1,181.00		1,173.5					
1,159	<b>Rod Components</b>									
	Item Description	Jts	Model	OD (in)	Grade	Len (ft)	Top (ftKB)	Btm (ftKB)		
	Polished Rod	1		1 1/4		16.00	-7.5	8.5		
1,160	Sucker Rod	36		3/4	D	900.00	8.5	908.5		
	Sucker Rod w/Snap On Guides	9		3/4	D	225.00	908.5	1,133.5		
1,160	Shear Tool - 21K	1		3/4		0.50	1,133.5	1,134.0		
1,161	Sucker Rod w/Snap On Guides	1		3/4	D	25.00	1,134.0	1,159.0		
1,170	Lift Sub	1		1		1.00	1,159.0	1,160.0		
	Spiral Rod Guide	1		3/4		0.50	1,160.0	1,160.5		
	Rod Insert Pump	1		1 1/2		12.00	1,160.5	1,172.5		
1,173	Strainer Nipple	1		1		1.00	1,172.5	1,173.5		
1,174	<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)	
	8/10/1993	1131	1150		127,20...	52	1,750.0	2,73...	1,060.0	
1,192	Comment									
	70 Q N2 foam. ISIP 1,060 psi. 5 min 890 psi. 10 min 835. 15 min 815 psi. AIR 52. ATP 1,750. MTP 2,730. Pumped 952,100 scf of N2, 3,200# 10 mesh, & 124,000# sand									
1,260										
1,298										
1,305										

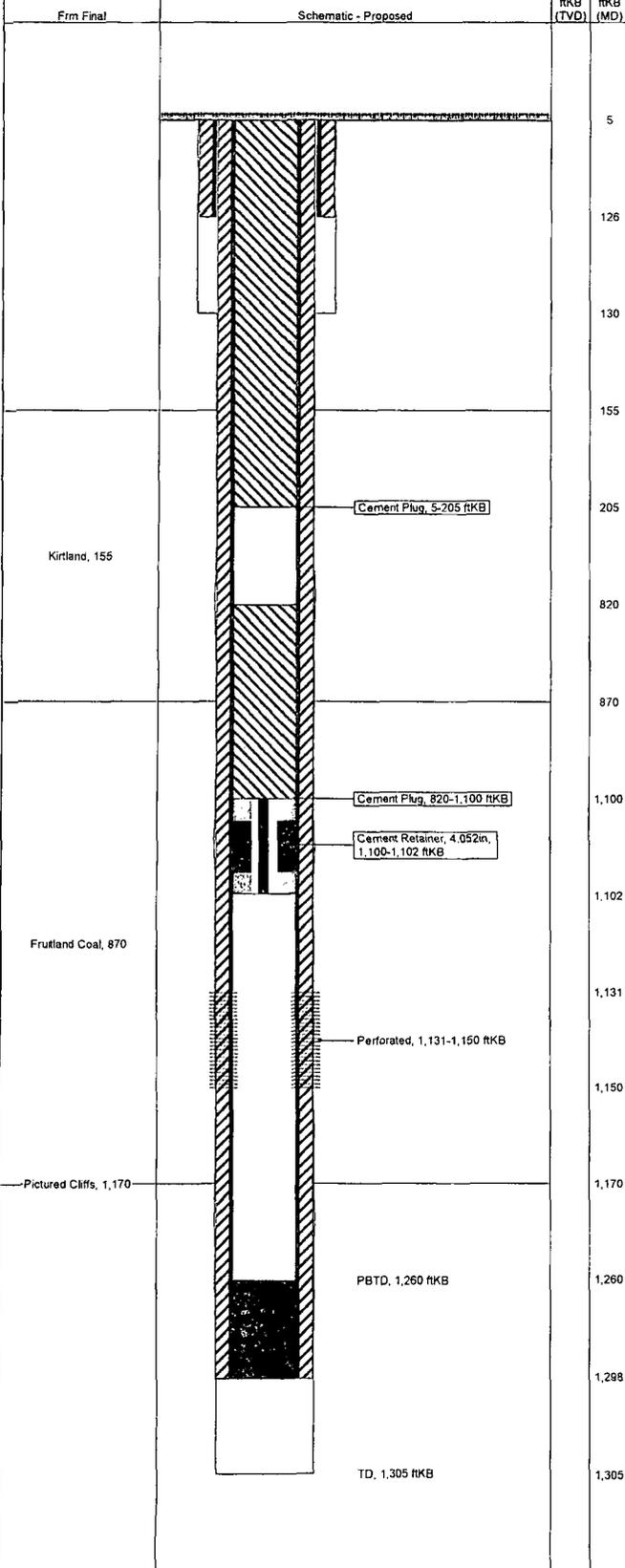


# XTO - Proposed P&A Wellbore Diagram

**Well Name: Gallegos Federal 26-12-07-01**

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Well Config: Vertical - Original Hole, 9/12/2014 10:39:34 AM



Zones		Zone	Top (ftKB)	Bottom (ftKB)		
Fruitland Coal			1,131.0	1,150.0		
Casing Strings						
Casing Description	OD (in)	Wt (lbs/ft)	String Grade	Top Connection		
Surface	7	20.00	J-55	126.0		
Casing Description	OD (in)	Wt (lbs/ft)	String Grade	Top Connection		
Production	4 1/2	10.50	J-55	1,298.0		
Cement						
Description	Type	String				
Surface Casing Cement	casing	Surface, 126.0ftKB				
Comment Cmt w/ 50 sx CI B cmt w/2% CaCl2 & 1/4 pps Flocele. Circ 2 bbls cmt to surf.						
Description	Type	String				
Production Casing Cement	casing	Production, 1,298.0ftKB				
Comment Cmt Lead w/ 85 sx CI B w/2% Metasilicate & 1/4 pps Flocele f/b Tail 75 sx CI B w/2% CaCl2 & 1/4 pps Flocele. Circ 4-1/2 bbl cmt to surf.						
Description	Type	String				
Cement Plug	plug	Production, 1,298.0ftKB				
Comment Plug 1: Pmp 26 sx f/1,100' - 820'.						
Description	Type	String				
Cement Plug	plug	Production, 1,298.0ftKB				
Comment Plug 2: Pmp 20 sx f/205' - surf.						
Other In Hole						
Description	OD (in)	Top (ftKB)				
Cement Retainer	4.052	1,100.0				
Perforations						
Date	Top (ftKB)	Btm (ftKB)	Shot Dens (shots/ft)	Hole Diameter (in)	Phasing (*)	Zone
	1,131.0	1,150.0	4.0			Fruitland Coal

UNITED STATES DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
FARMINGTON DISTRICT OFFICE  
6251 COLLEGE BLVD.  
FARMINGTON, NEW MEXICO 87402

Attachment to notice of  
Intention to Abandon:

Re: Permanent Abandonment  
Well: Gallegos Federal 26-12-7 #1

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) 564-7750.
3. The following modifications to your plugging program are to be made:
  - a) Bring the top of plug #2 to 760 ft. to cover the Fruitland top. Adjust cement volume accordingly.

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.