

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0137  
Expires: October 31, 2014

**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

2. Name of Operator  
XTO ENERGY INC

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

3b. Phone No. (include area code)  
(505)333-3100

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
1000' FSL & 1180' FEL SEC 18 (P) - T27N - R08W

5. Lease Serial No.  
NMNM03380

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.  
FLORANCE D LS 05

9. API Well No.  
30-045-06451

10. Field and Pool or Exploratory Area  
SOURTH BLANCO PICTURED CLIFFS

11. County or Parish, State  
SAN JUAN, NM

12. CHECK THE 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 must 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 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

XTO Energy Inc, requests permission to plug and abandon this well per the attached procedure and proposed wellbore diagram. A Closed Loop System will be used. Also attached is the current wellbore diagram, and Amended Surface Reclamation Plan.

Notify NMOCD 24 hrs  
prior to beginning  
operations

OIL CONS. DIV DIST. 3

MAR 03 2016

**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**

**SEE ATTACHED FOR CONDITIONS OF APPROVAL**

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

Title REGULATORY ANALYST

Signature

*Kristen D. Lynch*

Date 02/24/2016

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

Approved by

*John Jack Savage*

Title

PE

Date

2/29/16

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, 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.

(Instructions on page 2)

**NMOCD**

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LWA \_\_\_\_\_  
MTG \_\_\_\_\_  
Approved \_\_\_\_\_

## PLUG AND ABANDONMENT PROCEDURE

February 18, 2016

### Florance D LS #5

Pictured Cliffs

1000' FSL and 1180' FEL, Section 18, T27N, R8W  
San Juan County, New Mexico / API 30-045-06451

Lat: \_\_\_\_\_ / Lat: \_\_\_\_\_

Note: All cement volumes use 100% excess outside pipe and 50' excess inside. The stabilizing wellbore fluid will be 8.3 ppg, sufficient to balance all exposed formation pressures. All cement will be Class B, mixed at 15.6 ppg with a 1.18 cf/sx yield.

1. Install and test location rig anchors. Comply with all NMOCD, BLM, and Operator safety regulations. MOL and RU daylight pulling unit. Conduct safety meeting for all personnel on location. Record casing, tubing and bradenhead pressures. NU relief line and blow down well. Kill well with water as necessary and at least pump tubing capacity of water down the tubing. ND wellhead and NU BOP. Function test BOP.
2. Rods: Yes \_\_\_\_\_, No X, Unknown \_\_\_\_\_.  
Tubing: Yes X, No \_\_\_\_\_, Unknown \_\_\_\_\_, Size 2.375", Length 2284'.  
Packer: Yes \_\_\_\_\_, No X, Unknown \_\_\_\_\_, Type \_\_\_\_\_.  
Run CBL for records and verify cement top at 1800'.
3. **Plug #1 (Pictured Cliffs perfs and top, 2300' – 2248')**: Round trip 5.5" gauge ring to 2300' (CIBP). Pressure test tubing to 1000 PSI. Circulate well clean. Casing will not test, tag plugs as appropriate. Mix 12 sxs Class B cement inside casing to isolate the Pictured Cliffs perforations and top. PUH.
4. **Plug #2 (Fruitland top, 1970'-1870')**: Mix approximately 18 sxs cement and spot a balanced plug to isolate Fruitland top. TOH.
5. **Plug #3 (Kirtland and Ojo Alamo tops, 1558' – 1357')**: Perforate squeeze holes 1558'. Attempt to establish a rate. TIH and set CR at 1508'. Mix and pump 116 sxs Class B cement, squeeze 87 sxs outside 5.5" casing and leave 29 sxs inside casing to cover the Kirtland and Ojo Alamo tops. TOH.
6. **Plug #4 (Nacimiento top, 557'-447')**: Perforate squeeze holes 557'. Attempt to establish a rate TIH and set CR at 507'. Mix and pump 61 sxs Class B cement, squeeze 43 sxs outside 5.5" casing and leave 18 sxs inside casing to cover the Nacimiento top. TOH.
7. **Plug #5 (9.625" casing shoe, 171' – 0')**: Perforate squeeze holes 171'. Attempt to establish a rate. If able to establish circulation then mix and pump 77 sxs Class B cement to surface. Shut in well and WOC.
8. ND BOP and cut off casing below surface casing flange. Install P&A marker with cement to comply with regulations. RD, move off location, cut off anchors and restore location.

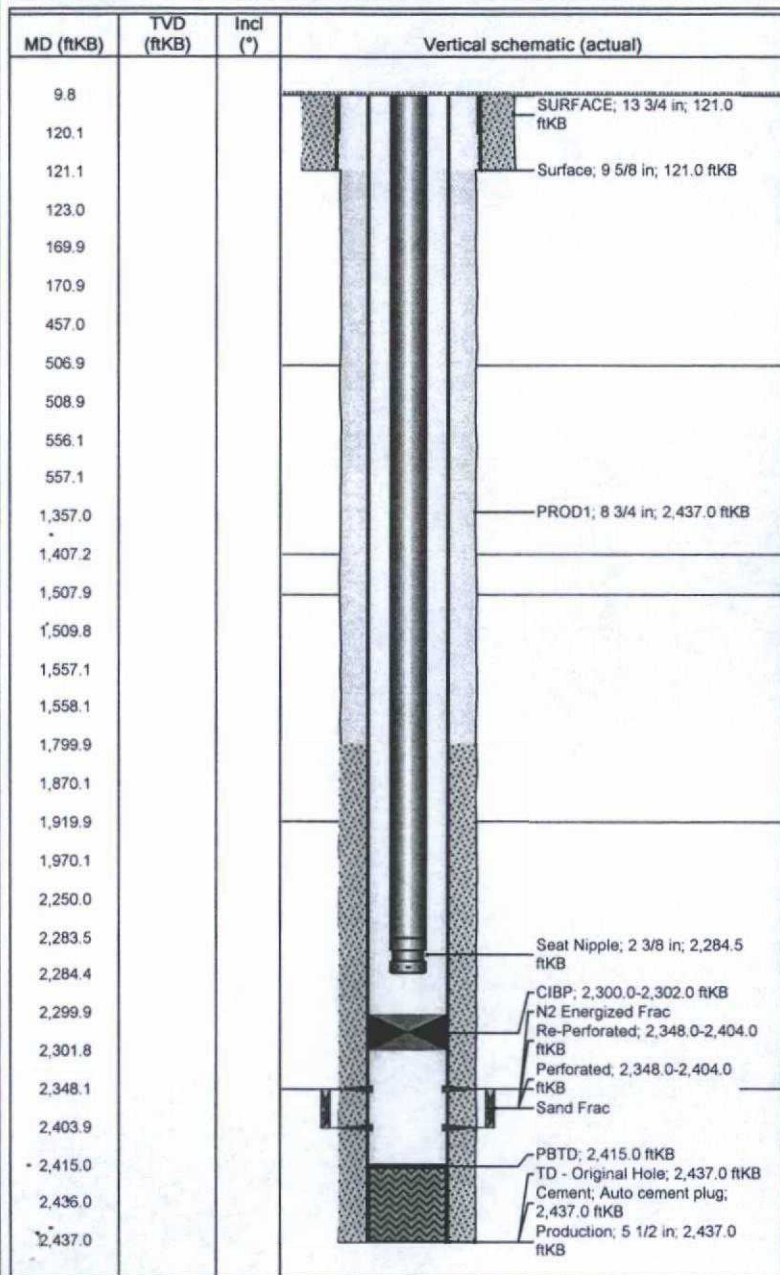




# Downhole Well Profile - with Schematic

Well Name: Florance D LS 05

API/UWI 30045064510000	XTO Accounting ID 70306	Permit Number	State/Province New Mexico	County San Juan
Location T27N-R08W-S18	Spud Date 6/20/1956 00:00	Original KB Elevation (ft) 6,297.00	Ground/Corrected Ground Elevation (ft) 6,287.00	KB-Ground Distance (ft) 10.00



Wellbores							
Wellbore Name Original Hole			Parent Wellbore Original Hole			Wellbore API/UWI 30045064510000	
Start Depth (ftKB) 10.0			Profile Type			Kick Off Depth (ftKB)	
Section Des		Size (in)		Act Top (ftKB)		Act Btm (ftKB)	
SURFACE		13 3/4		10.0		121.0	
PROD1		8 3/4		121.0		2,437.0	
Zones							
Zone Name		Top (ftKB)		Btm (ftKB)		Current Status	
Pictured Cliffs		2,348.0		2,404.0			
Casing Strings							
Csg Des		Set Depth (ftKB)		OD (in)		Wt/Len (lb/ft)	
Surface		121.0		9 5/8			
Production		2,437.0		5 1/2		15.50 J-55	
Cement							
Des		Type			String		
Surface Casing Cement		Casing			Surface, 121.0ftKB		
Production Casing Cement		Casing			Production, 2,437.0ftKB		
Tubing Strings							
Tubing Description Tubing - Production		Run Date 2/8/2016			Set Depth (ftKB) 2,284.5		
Item Des		OD (in)	Wt (lb/ft)	Grade	Jts	Len (ft)	Top (ftKB)
Tubing		2 3/8	4.70	J-55	69	2,273.42	10.0
Seat Nipple		2 3/8			1	1.10	2,283.4
							2,284.5
Rod Strings							
Rod Description		Run Date			Set Depth (ftKB)		
Item Des		OD (in)	Wt (lb/ft)	Grade	Jts	Len (ft)	Top (ftKB)
							Btm (ftKB)
Other In Hole							
Run Date		Des		OD (in)	Top (ftKB)		Btm (ftKB)
2/8/2016		CIBP		5	2,300.0		2,302.0
Perforations							
Date		Top (ftKB)		Btm (ftKB)		Zone	
2/9/2016		170.0		171.0		Pictured Cliffs, Original Hole	
2/9/2016		556.0		557.0		Pictured Cliffs, Original Hole	
2/9/2016		1,557.0		1,558.0		Pictured Cliffs, Original Hole	
6/29/1956		2,348.0		2,404.0		Pictured Cliffs, Original Hole	
6/30/1956		2,348.0		2,404.0		Pictured Cliffs, Original Hole	
Stimulations & Treatments							
Frac #		Top Perf (ftKB)		Bottom Perf (ftKB)		AIR (bbl/min)	MIR (bbl/min)
1.00		2348		2404			
2.00		2348		2404			

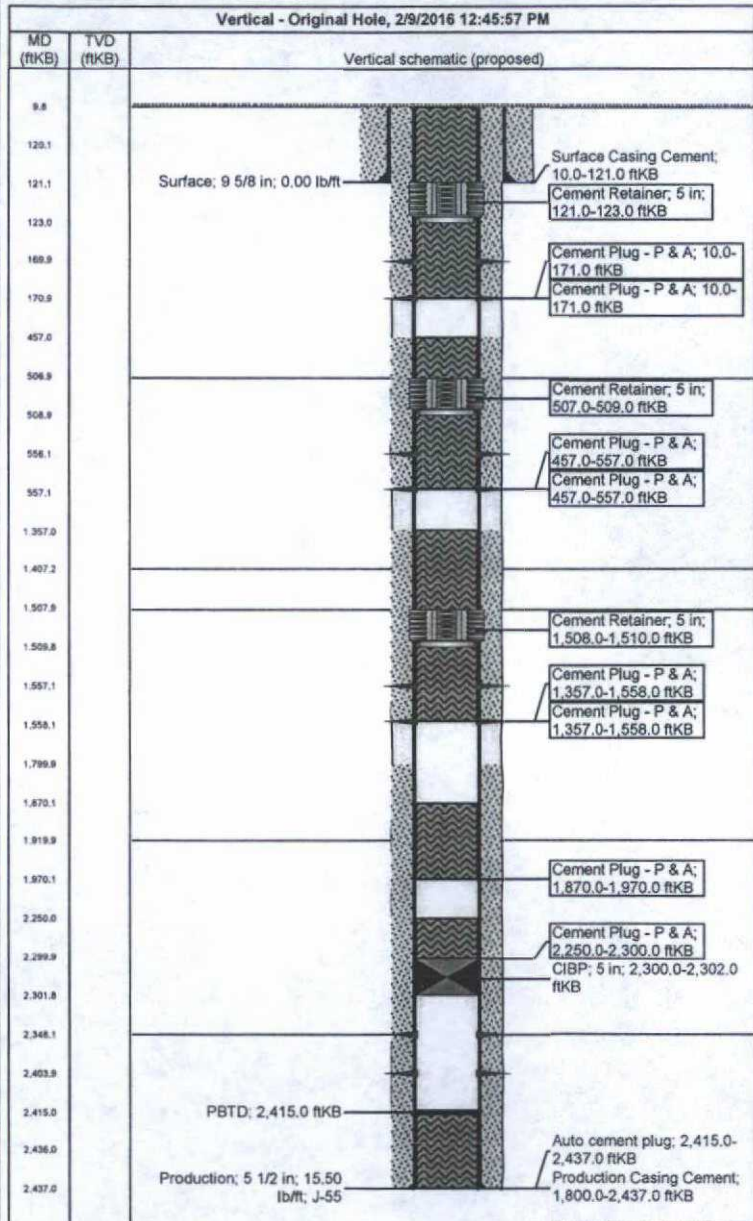




# XTO - Proposed P&A Wellbore Diagram

Well Name: Florance D LS 05

API/UWI 30045064510000	XTO Accounting ID 70306	Permit Number	State/Province New Mexico	County San Juan
Location T27N-R08W-S18	Spud Date 6/20/1956 00:00	Original KB Elevation (ft) 6,297.00	Ground/Corrected Ground Elevation (ft) 6,287.00	KB-Ground Distance (ft) 10.00



Formations			
Formation Name	Final Top MD (ftKB)	Final Bottom MD (ftKB)	
Nacimiento	507.0	1,407.0	
Ojo Alamo	1,407.0	1,508.0	
Kirtland	1,508.0	1,920.0	
Fruitland Coal	1,920.0	2,348.0	
Pictured Cliffs	2,348.0		
Wellbores			
Wellbore Name	Parent Wellbore		
Original Hole	Original Hole		
Start Depth (ftKB)	10.0	Profile Type	Kick Off Depth (ftKB)
Casing Strings			
Csg Des	Set Depth (ftKB)	OD (in)	Wt/Len (lb/ft)
Surface	121.0	9 5/8	
Production	2,437.0	5 1/2	15.50
J-55			
Cement			
Des	Type	String	Com
Surface Casing Cement	Casing	Surface, 121.0ftKB	CMT'D w/100 SX BULK CMT w/3% CaCl2. CIRC CMT.
Production Casing Cement	Casing	Production, 2,437.0ftKB	CMT'D w/150 SX 50/50 POZMIX w/4% GEL & 1/4 #/SX FLOCELE. TOC @ 1,800' BY TS.
Cement Plug - P & A	Plug	Production, 2,437.0ftKB	Plug 1: Pump 12 sx f/2,300' - 2,250'
Cement Plug - P & A	Plug	Production, 2,437.0ftKB	Plug 2: Pump 18 sx f/1,970' - 1,870'
Cement Plug - P & A	Casing	Production, 2,437.0ftKB	Plug 3: (outside) Pump 87 sx f/1,558' - 1,357
Cement Plug - P & A	Plug	Production, 2,437.0ftKB	Plug 3: (inside) Pump 29 sx f/1,558' - 1,357
Cement Plug - P & A	Casing	Production, 2,437.0ftKB	Plug 4: (outside) Pump 43 sx f/557' - 457
Cement Plug - P & A	Plug	Production, 2,437.0ftKB	Plug 4: (inside) Pump 18 sx f/557' - 457
Cement Plug - P & A	Casing	Production, 2,437.0ftKB	Plug 5: (outside) Pump 51 sx f/171' - surf
Cement Plug - P & A	Plug	Production, 2,437.0ftKB	Plug 5: (inside) Pump 26 sx f/171' - surf
Perforations			
Date	Top (ftKB)	Btm (ftKB)	Zone
2/9/2016	170.0	171.0	Pictured Cliffs, Original Hole
2/9/2016	556.0	557.0	Pictured Cliffs, Original Hole
2/9/2016	1,557.0	1,558.0	Pictured Cliffs, Original Hole

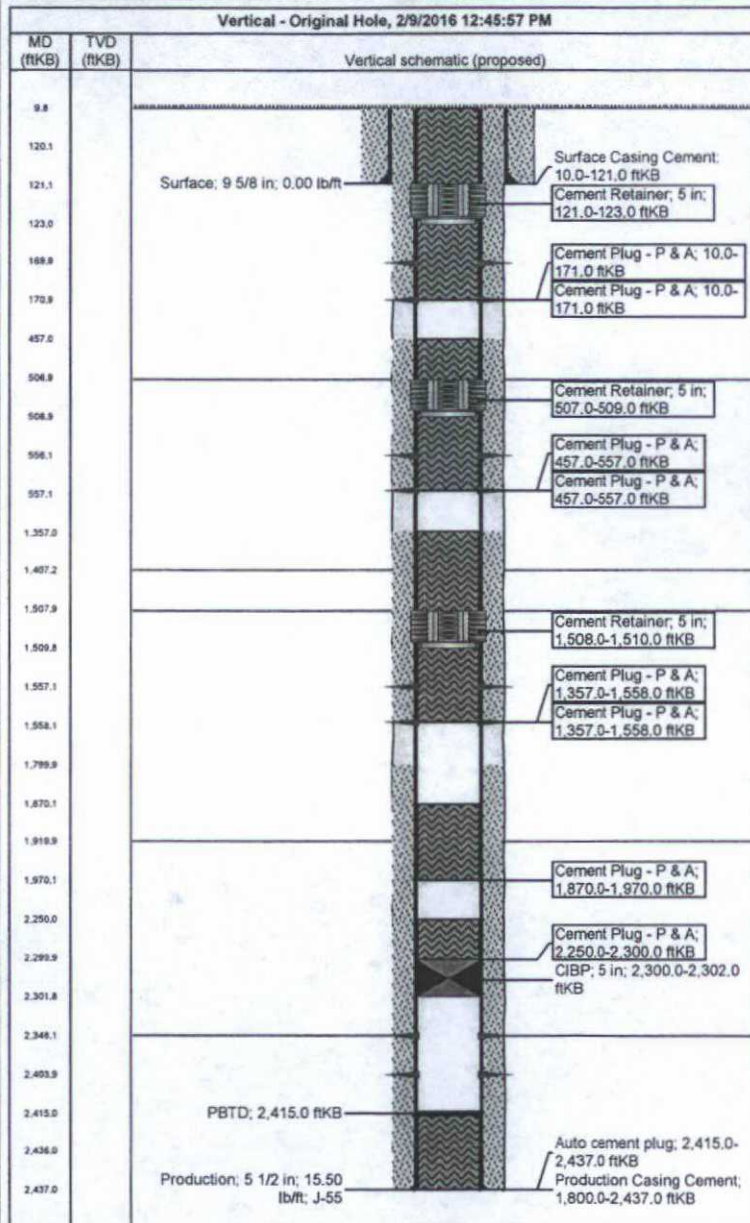




# XTO - Proposed P&A Wellbore Diagram

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Perforations			
Date	Top (ftKB)	Btm (ftKB)	Zone
6/29/1956	2,348.0	2,404.0	Pictured Cliffs, Original Hole
6/30/1956	2,348.0	2,404.0	Pictured Cliffs, Original Hole
Other In Hole			
Des	OD (in)	Top (ftKB)	Btm (ftKB)
CIBP	5	2,300.0	2,302.0
Cement Retainer	5	1,508.0	1,510.0
Cement Retainer	5	507.0	509.0
Cement Retainer	5	121.0	123.0

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: Florance D LS #5

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) Set Plug #2 (2149-2049) ft. to cover the Fruitland top. BLM picks top of Fruitland at 2099 ft.

Plug #4 is unnecessary. The San Jose Formation is not present in this area.

Operator will run a CBL to verify cement top. Submit the electronic copy of the log for verification to the following addresses: [jwsavage@blm.gov](mailto:jwsavage@blm.gov) [Brandon.Powell@state.nm.us](mailto:Brandon.Powell@state.nm.us)

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.