

State of New Mexico  
Energy, Minerals and Natural Resources Department

**Susana Martinez**  
Governor

**David Martin**  
Cabinet Secretary-Designate

**Brett F. Woods, Ph.D.**  
Deputy Cabinet Secretary

**Jami Bailey, Division Director**  
Oil Conservation Division



New Mexico Oil Conservation Division approval and conditions listed below are made in accordance with OCD Rule 19.15.7.11 and are in addition to the actions approved by BLM on the following 3160-4 or 3160-5 form.

Operator Signature Date:

Application Type:

- P&A   
  Drilling/Casing Change   
  Recomplete/DHC  
 Location Change   
  Other: \_\_\_\_\_

Well information:

API WELL #	Well Name	Well#	Operator Name	Type	Stat	County	Surf. Owner	UL	Sec	Twp	N/S	Rng	W/E
30-045-33432-00-00	ROPCO FEE FC 9	002T	XTO ENERGY, INC	G	A	San Juan	F	P	9	29	N	12	W

Conditions of Approval:

Notify NMOCD 24hrs prior to beginning operations

Add a Pictured Cliffs plug from 1693-1793. This plug is not required to be tagged.

NMOCD Approved by Signature

3/11/14

Date

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.*

RECEIVED

**SUBMIT IN TRIPLICATE - Other instructions on page 2**

FEB 11 2014

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. <b>NMNM-021119</b>
2. Name of Operator <b>XTO ENERGY INC.</b>		6. If Indian, Allottee or Tribe Name
3a. Address <b>382 CR 3100 AZTEC, NM 87410</b>	3b. Phone No. (include area code) <b>505-333-3630</b>	7. If Unit or CA/Agreement, Name and/or No. <b>NMNM-89399</b>
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) <b>813' FSL &amp; 1002' FEL SESE SEC.9 (P) -T29N-R12W N.M.P.M.</b>		8. Well Name and No. <b>ROPCO FEE FC 9 #2T</b>
		9. API Well No. <b>30-045-33432</b>
		10. Field and Pool, or Exploratory Area <b>BASIN FRUITLAND COAL</b>
		11. County or Parish, State <b>SAN JUAN NM</b>

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 recomplate 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 recomplate 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 and surface reclamation plan.**

RCVD FEB 18 '14  
OIL CONS. DIV.  
DIST. 3

14. I hereby certify that the foregoing is true and correct Name (Printed/Typed) <b>SHERRY J. MORROW</b>	Title <b>LEAD REGULATORY ANALYST</b>
Signature <i>Sherry J. Morrow</i>	Date <b>2/11/2014</b>

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

Approved by <b>Original Signed: Stephen Mason</b>	Title	Date <b>FEB 13 2014</b>
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	

NMOCU PV

January 30, 2009

## PLUG AND ABANDONMENT PROCEDURE ROPCO Fee FC 9-2T

Basin Fruitland Coal  
813' FSL and 1002' FEL, Section 9, T29N, R12W  
San Juan County, New Mexico / API 30-045-33432  
Lat: N / Lat: W

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 15.8 ppg with a 1.18 cf/sx yield.

1. This project requires a NMOCD C-144 CLEZ Closed-Loop System Permit for the use of an A-Plus steel tank to handle waste fluids circulated from the well and cement wash up.
2. 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.
3. Rods: Yes\_\_\_\_, No X, Unknown\_\_\_\_.
  - a. Tubing: Yes X, No\_\_\_\_, Unknown\_\_\_\_, Size 2.375", Length 1747'.
  - b. Packer: Yes\_\_\_\_, No X, Unknown\_\_\_\_, Type\_\_\_\_\_.
  - c. If this well has rods or a packer, then modify the work sequence in step #2 as appropriate.
4. **Plug #1 (Fruitland Coal interval and Fruitland top, 1619' – 1040')**: PU and TIH with 4.5" cement retainer, set at 1619'. Pressure test tubing to 1000 PSI. *Pressure test casing to 800 PSI. If casing does not test, then spot or tag subsequent plug as appropriate.* Mix and pump 48 sxs Class B cement above CR to isolate the Fruitland Coal interval and cover the Fruitland top. PUH.
5. **Plug #2 (Kirtland, Ojo Alamo tops and 7.0" casing shoe, 458'-0')**: Attempt to pressure test the bradenhead annulus to 300 PSI; note the volume to load. If the BH annulus holds pressure, then establish circulation down tubing and out the casing valve with water. Mix approximately 38 sxs cement and spot a balanced plug from 500' to surface, circulate good cement out casing valve. TOH and LD tubing. Shut well in and WOC. If the BH annulus does not test, then perforate at the appropriate depth and attempt to circulate cement to surface filling the casing from <sup>458'</sup>458' (or appropriate depth as determined by BLM/NMOCD) and the annulus from the squeeze holes to surface. Shut in well and WOC.
6. ND cementing valves and cut off wellhead. Fill 4.5" casing with cement as necessary. Install P&A marker to comply with regulations. RD, MOL, cut off anchors, and restore location.

# ROPCO Fee FC 9-2T

## Current

Basin Fruitland Coal

813' FSL, 1002' FEL, Section 9, T-29-N, R-12-W

San Juan County, NM / API #30-045-33432

Lat N / Long W

Today's Date: 1/27/2014

Spud: 4/18/2006

FtC Compl: 5/17/2006

Elevation: 5660' GL

8 3/4" hole

7" 20#, J-55 Casing set @ 129'  
Cement with 60 sxs (Circulated 4 BBL to Surface)

Ojo Alamo @ 307'

Kirtland @ 408'

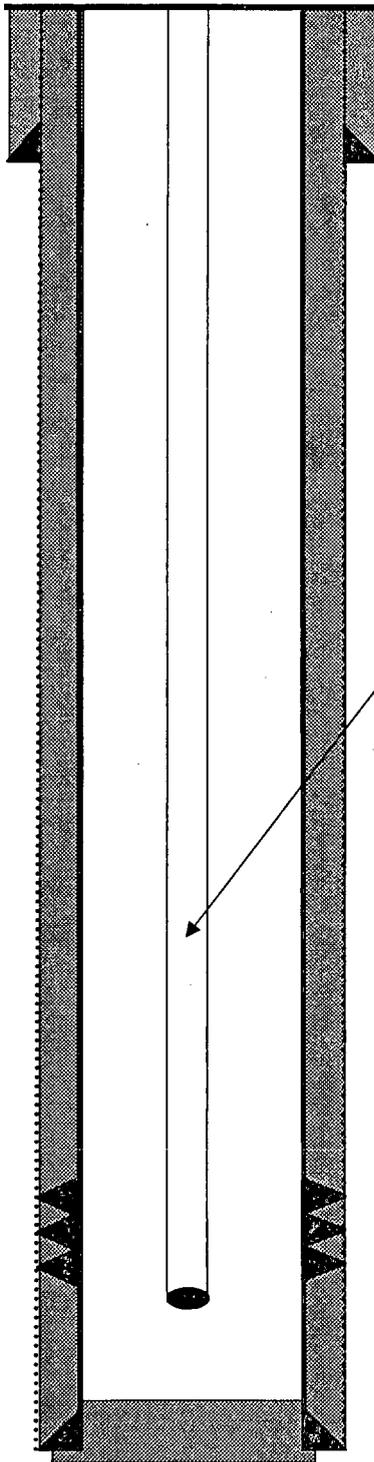
2.375" tubing at 1747'  
53 jts, last joint has weep hole and pin, SN @ 1726'

Fruitland @ 1090'

Fruitland Coal Perforations:  
1669'-1693'

6 1/4" hole

4.5", 10.5#, J-55 Casing set @ 1843'  
Cement with 220 sxs, Circ 11 BBL to Surf  
TOC @ 38' by CBL



TD 1853'  
PBSD 1824'

# ROPCO Fee 9-2T

## Proposed P&A Basin Fruitland Coal

813' FSL, 1002' FEL, Section 9, T-29-N, R-12-W

San Juan County, NM / API #30-045-33432

Lat \_\_\_\_\_ / Long \_\_\_\_\_

Today's Date: 1/27/2014

Spud: 4/18/2006

FtC Compl: 5/17/2006

Elevation: 5660' GL

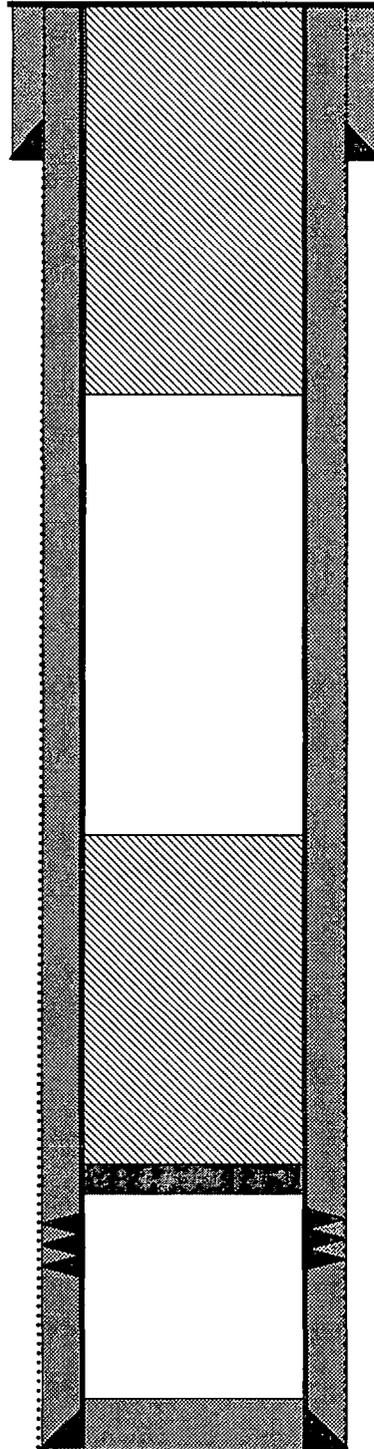
Ojo Alamo @ 307'

Kirtland @ 408'

Fruitland @ 1090'

8 3/4" hole

6 1/4" hole



TOC circulated to surface per sundry notice

7" 20#, J-55 Casing set @ 226'  
Cement with total 87 sxs to surface

**Plug #2: 458' - 0'**  
Class B cement, 39 sxs

**Plug #1: 1619' - 1040'**  
Class B cement, 48 sxs

**Set CR @ 1619'**

Fruitland Coal Perforations:  
1669'-1693'

4.5", 10.5#, J-55 Casing set @ 1843'  
Cement with 220 sxs, circ 11 BBL to surface  
TOC @ 38' by CBL

TD 1853'  
PBSD 1824'

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: 1T Ropco Fee FC 9

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) Place the Kirtland/Ojo Alamo/Surface plug from 489' to surface.

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.