

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: February 5th, 2014

Application Type:

☒ P&A ☐ Drilling/Casing Change ☐ Recomplete/DHC
☐ Location Change ☐ Other: _____

Well information:

frmWellFilterSub													
API WELL #	Well Name	Well #	Operator Name	Type	Stat	County	Surf. Owner	UL	Sec	Twp	N/S	Rng	W/E
30-045-32675-00-00	STANOLIND A	004	XTO ENERGY, INC	G	A	San Juan	F	P	29	31	N	12	W

Conditions of Approval:

Notify NMOCD 24hrs prior to beginning operations

Add Pictured Cliffs plug from 2344-2444. This plug is not required to be tagged.

A handwritten signature in black ink, appearing to read "W. H. H. H.", is written over a horizontal line.

NMOCD Approved by Signature

2-26-14
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.

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) **505-333-3630**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
1085' FSL & 865' FEL SESE SEC.29 (P) -T31N-R12W N.M.P.M.

5. Lease Serial No.
NMM-021127

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.
STANOLIND A #4

9. API Well No.
30-045-32675

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 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) **SHERRY J. MORROW**

Title **LEAD REGULATORY ANALYST**

Signature *Sherry J. Morrow*

Date **2/11/2014**

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by **Original Signed: Stephen Mason**

Title

Date **FEB 13 2014**

Office

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.

NMOCUDV

PLUG AND ABANDONMENT PROCEDURE

January 20, 2014

Stanolind A 4

Basin Fruitland Coal

1,085' FSL and 865' FEL, Section 29, T31N, R12W
San Juan County, New Mexico / API 30-045-32675

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 X , No _____, Unknown _____.
Tubing: Yes X , No _____, Unknown _____, Size 2.375" , Length 2,434'.
Packer: Yes _____, No X , Unknown _____, Type _____.
If this well has rods or a packer, then modify the work sequence in step #2 as appropriate.
3. **Plug #1 (Fruitland Coal Perforations, 2172' – 2122')**: Round trip 5.5" gauge ring to 1508' or as deep as possible. PU and TIH with 5.5" cement retainer, set at 2172'. 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 12 sxs Class B cement above CR to isolate Fruitland Coal perforations. PUH.
4. **Plug #2 (Fruitland top, ²⁰⁵²1812' – ¹⁹⁵²1712')**: Mix and pump 17 sxs Class B cement and spot a balanced plug inside casing to cover the Fruitland top.
5. **Plug #3 (Kirtland and Ojo Alamo tops, ⁵⁸¹⁰811' – ⁵⁶⁸606')**: Mix and pump 20 sxs Class B cement and spot a balanced plug inside casing to cover the Kirtland top. PUH.
6. **Plug #4 (8-5/8" Surface Casing shoe, 275' to Surface)**: Mix approximately 37 sxs cement and spot a balanced plug from 275' to surface, circulate good cement out casing valve. TOH and LD tubing. Shut well in and WOC.
7. 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.

Lat _____ / Long _____

TD 2,580'
PBTD 2,539'

Stanolind A 4

Proposed P&A

Basin Fruitland Coal

1,085' FSL, 865' FEL, Section 29, T-31-N, R-12-W,

San Juan County, NM / API #30-045-32675

Lat _____ / Long _____

Today's Date: 1/14/14

Spud: 9/19/05

Completed: 10/19/05

Elevation: 6,065 GL
6,065' KB

12.25" hole

8.625" 24#, J-55 Casing set @ 225'
Cement with 180 sx (Circulated to Surface)

Ojo Alamo @ 656'

Plug #4: 275' – 0'
Class B cement, 37 sxs

Kirtland @ 761'

Plug #3: 811' – 606'
Class B cement, 29 sxs

Fruitland @ 1,762'

Plug #2: 1,812' – 1,712'
Class B cement, 17s xs

Pictured Cliffs @ 2,366'

Plug #1: 2,172' – 2,122'
Class B cement, 12 sxs

Set CR @ 2,172'

Fruitland Coal Perforations:
2,222' – 2,344'

7.875" hole

5.5", 15.5#, J-55 Casing set @ 2,426'
Cement with 330 sx

TD 2,580'
PBSD 2,539'

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: 4 Stanolind 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) 564-7750.
3. The following modifications to your plugging program are to be made:
 - a) Place the Fruitland plug from 2052'- 1952'.
 - b) Place the Kirtland/Ojo Alamo plug from 810'- 568'.

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.