

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

APR 11 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)

1087' FSL & 1592' FWL SESW SEC. 35 (N) - T30N-13W N.M.P.M.

5. Lease Serial No.

NMSF078213

6. If Indian, Allottee or Tribe Name

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

FEE SURFACE (SAN JUAN COLLEGE)

8. Well Name and No.

TIGER #2

9. API Well No.

30-045-29499

10. Field and Pool, or Exploratory Area

FULCHER KUTZ PICTURED CLIFFS

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 ☐ Deepen ☐ Production (Start/Resume) ☐ Water Shut-Off
☐ Alter Casing ☐ Fracture Treat ☐ Reclamation ☐ Well Integrity
☐ Casing Repair ☐ New Construction ☐ Recomplete ☐ Other
☐ Change Plans ☒ Plug and Abandon ☐ Temporarily Abandon
☐ Convert to Injection ☐ Plug Back ☐ 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. proposes 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.

RCVD APR 16 '14
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)

SHERRY J. MORROW

Title LEAD REGULATORY ANALYST

Signature

Date 4/11/2014

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Original Signed: Stephen Mason

Title

Date

APR 15 2014

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

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.

BRB _____
MTG _____
Approved _____

Tiger #2
Sec 35, T 30 N, R 13 W
San Juan County, New Mexico
3/31/2014

Plug and Abandon Procedure

AFE Number: 1403121

Spud Date: 10/22/1997

Surface Casing: 7", 23#, J-55 csg @ 208'. Cmt'd w/85 sx. Circ 7 bbls to surf.

Production Casing: 4-1/2", 10.5#, J-55 csg @ 1,750'. Cmt'd w/170 sx. Did not circ cmt to surf.
Capacity: .0159 bbls/ft or .6699 gal/ft

Production Tubing: 2-3/8" string

Rod String: 3/4" string

Pump: 1-1/4" insert pump

Perforations: Pictured Cliffs: 1,569' – 1,578'

PBTD: 1,706'

Recent Production: INA since 2/25/2011. 0 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 and pump.
7. ND WH. NU & FT BOP.
8. TOH tubing.
9. TIH 3-7/8" bit & 3-7/8" string mill to 1,569'. TOH.
10. TIH 4-1/2" CR and set @ $\pm 1,565'$. 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 WLU. Review JSA. RIH with CBL/CCL log. Log from $\pm 1,565'$ to surface. Correlate to Depth Correlation log dated 11/11/1997. Send CBL to engineer.

Plugs may need altered based off CBL results. Contact engineer with changes.

13. RDMO WLU.
14. MIRU cement truck. Review JSA.
15. **Perforation Isolation & Pictured Cliffs Top Plug (1,565' – 1,516')**: Pump 10 sx Class "B" cement (15.6 ppg, 1.18 cuft/sx yield) down tubing and spot a balanced plug from 1,565' – 1,516' (volume calculated with 50' excess).
16. **Fruitland Coal Top Plug (¹³³⁸~~1,418~~' – ¹²³⁸~~1,018~~)**: Pump 15 sx Class "B" cement (15.6 ppg, 1.18 cuft/sx yield) down tubing and spot a balanced plug from ¹³³⁸~~1,418~~' – ¹²³⁸~~1,018~~' (volume calculated with 50' excess).
17. **Kirtland Top & Surface Plug (262' – Surface)**: Pump ~~25~~ sx Class "B" cement (15.6 ppg, 1.18 cuft/sx yield) down tubing and spot a balanced plug from 262' – Surface (volume calculated with 50' excess).
18. TOH & LD tubing.
19. RDMO cement truck.
20. WOC 4 hours.
21. Cut off WH. Fill in casing as needed with cement. Install above ground P&A marker.
22. 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. If tbg doesn't PT, 1,600' 2-3/8" workstring
3. 4-1/2" cement retainer
4. 3-7/8" string mill
5. 50 sx Class "B" cement
6. 1 above ground marker

Services:

1. Completion rig
2. Cement truck
3. Wireline Unit



XTO - Wellbore Diagram

Well Name: Tiger 02

API/UWI 30045294990000	E/W Dist (ft) 1,592.0	E/W Ref FWL	N/S Dist (ft) 1,087.0	N/S Ref FSL	Location T30N-R13W-S35	Field Name Fulcher Kutz PC	County San Juan	State/Province New Mexico
Well Configuration Type Vertical	XTO ID B 68143	Orig KB Elev (ft) 5,633.00	Gr Elev (ft) 5,629.00	KB-Grd (ft) 4.00	Spud Date 10/23/1997	PBTD (All) (ftKB) Original Hole - 1706.0	Total Depth (ftKB) 1,770.0	Method Of Production Beam

Well Config: Vertical - Original Hole, 4/11/2014 8:15:52 AM

Schematic - Actual		Incl	ftKB (TVD)	ftKB (MD)	Zones	
					Zone	Top (ftKB) Btm (ftKB)
					Pictured Cliffs	1,569.0 1,578.0
					Casing Strings	
				0	Casing Description	OD (in) Wt (lbs/ft) String Grade Top Connection Set Depth (ftKB)
					Surface	7 23.00 J-55 208.0
				4	Casing Description	OD (in) Wt (lbs/ft) String Grade Top Connection Set Depth (ftKB)
					Production	4 1/2 10.50 J-55 1,750.0
				16	Cement	
					Description	Type String
					Production Casing Cement	casing Production, 1,750.0ftKB
				30	Comment	
					Cmt'd w/170 sx. No cmt to surface. TOC @ 250' by TS.	
				208	Description	Type String
					Surface Casing Cement	casing Surface, 208.0ftKB
					Comment	
					Cmt'd w/85 sx. Circ 7 bbls to surface.	
				250	Perforations	
				780	Date	Top (ftKB) Btm (ftKB) Shot Dens (shots/ft) Hole Diameter (in) Phasing (°) Curr Status Zone
				1,155	11/11/1997	1,569.0 1,578.0 4.0 0.340 Pictured Cliffs
				1,265	Tubing Strings	
					Tubing Description	Run Date Set Depth (ftKB)
					Tubing - Production	5/8/2008 1,635.4
				1,555	Tubing Components	
					Item Description	Jts Model OD (in) Wt (lbs/ft) Gra Top Thread Len (ft) Top (ftKB) Btm (ftKB)
				1,568	Tubing	49 T&C Upset 2 3/8 4.70 J-55 1,600.29 4.0 1,604.3
				1,569	Seat Nipple	1 2 3/8 1.10 1,604.3 1,605.4
					OEMA	1 2 3/8 4.70 J-55 30.00 1,605.4 1,635.4
				1,578	Rods	
					Rod Description	Run Date String Length (ft) Set Depth (ftKB)
					Rod String	5/8/2008 1,620.00 1,620.0
				1,580	Rod Components	
					Item Description	Jts Model OD (in) Grade Len (ft) Top (ftKB) Btm (ftKB)
				1,580	Polished Rod	1 1 1/4 16.00 0.0 16.0
					Rod Sub	3 3/4 D 14.00 16.0 30.0
					Sucker Rod	30 WCN-78 3/4 D 750.00 30.0 780.0
				1,604	Sucker Rod w/Molded Guides	15 3/4 D 375.00 780.0 1,155.0
				1,605	Sucker Rod w/Molded Guides	16 3/4 D 400.00 1,155.0 1,555.0
				1,606	Sinker Bar	1 1 1/4 C 25.00 1,555.0 1,580.0
					Shear Coupling	1 3/4 0.50 1,580.0 1,580.5
				1,607	Sinker Bar	1 1 1/4 C 25.00 1,580.5 1,605.5
					Lift Sub	1 1 1.00 1,605.5 1,606.5
					Spiral Rod Guide	1 3/4 0.50 1,606.5 1,607.0
				1,607	Rod Insert Pump	1 1 1/4 12.00 1,607.0 1,619.0
					Strainer Nipple	1 1 1.00 1,619.0 1,620.0
				1,619	Stimulations & Treatments	
					Frac Start Date	Top Perf (ft...) Bottom Pe... V (slurry) (L) Total Prop... AIR (b...) ATP (psi) MTP (psi) ISIP (psi)
				1,620	11/12/1997	1569 1578 60,000.0 15 1,000.0 1,05... 980.0
					Comment	
					70Q foam (30# borate gelled) 20/40 sd down csg.	
				1,635		
				1,706		
				1,750		
				1,770		

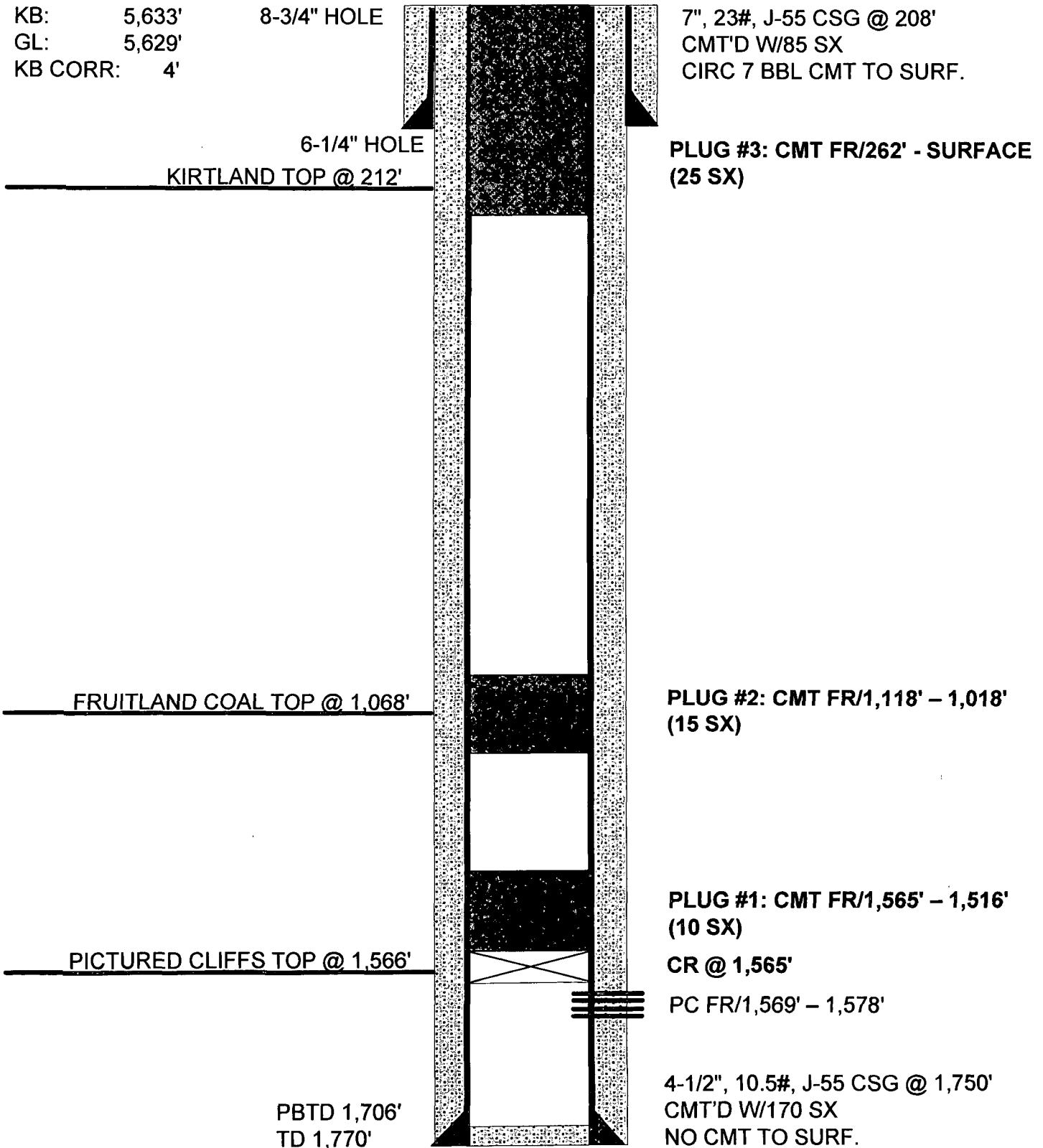
Top (MD): 1,569.
Des: Pictured Cliffs

PBTD,
1,706

TD, 1,770

Tiger #2
Sec 35, T 30 N, R 13 W
San Juan County, New Mexico

Proposed P&A Diagram



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: 2 Tiger

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 1338' - 1238'.
 - b) Since the cement top behind the 4 ½" production casing is reported @ 250' according to a temperature survey ran on October 30, 1997, the surface plug is required to be placed inside and where cement is not present outside the 4 ½" casing.

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.