

State of New Mexico
Energy, Minerals and Natural Resources Department

Susana Martinez
Governor

David Martin
Cabinet Secretary

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: 7/24/2014

Well information:

API WELL #	Well Name	Well #	Operator Name	Type	Stat	County	Surf. Owner	UL	Sec	Twp	N/S	Rng	W/E
30-045-29618-00-00	TIGER	007	XTO ENERGY, INC	G	A	San Juan	F	B	34	30	N	13	W

Application Type:

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

Conditions of Approval:

Notify NMOCD 24hrs prior to beginning operations

Bring Fruitland plug to 1290 feet

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

NMOCD Approved by Signature

7-25-14
Date

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM 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 <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		JUL 18 2014	
2. Name of Operator XTO Energy Inc.		6. If Indian, Allottee or Tribe Name Fee Surface - First Assembly of God	
3a. Address 382 CR 3100 Aztec, NM 87410	3b. Phone No. (include area code) 505-333-3630	7. If Unit or CA/Agreement, Name and/or No. NMM-102941	
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 1025' FNL & 1850' FEL SEC.34 (B) -T30N-R13W		8. Well Name and No. TIGER #7	
		9. API Well No. 30-045-29618	
		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. 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.

OIL CONS. DIV DIST. 3

JUL 24 2014

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) SHERRY J. MORROW	Title REGULATORY ANALYST
Signature Sherry J. Morrow	Date 7/16/2014

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by Tray Salvors	Title Petroleum Engineer	Date 7/22/2014
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 FFO	

NMOGDA

Tiger #7
Sec 34, T 30 N, R 13 W
San Juan County, New Mexico
6/26/2014

Plug and Abandon Procedure

AFE Number: 1406008
Spud Date: 7/8/1998
Surface Casing: 7", 23#, J-55 csg @ 290'. Cmt'd w/115 sx. Circ 10 bbls to surf.
Production Casing: 4-1/2", 10.5#, J-55 csg @ 1,824'. Cmt'd w/205 sx. Circ 7 bbls 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" insert pump
Perforations: Fruitland Coal: 1,557' – 1,646'
PBTD: 1,774'
Recent Production: INA since 6/30/2010. 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 & LD tubing.
9. TIH 3-7/8" bit & 3-7/8" string mill to 1,557' on 2-3/8" workstring. TOH.
10. TIH 4-1/2" CR and set @ $\pm 1,520'$. 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 Plug (1,520' – 1,470')**: Pump 10 sx Class "B" cement (15.6 ppg, 1.18 cuft/sx yield) down tubing and spot a balanced plug from 1,520' – 1,470' (volume calculated with 50' excess).
See COA
14. **Fruitland Coal Top Plug (1,080' – 980')**: Pump 15 sx Class "B" cement (15.6 ppg, 1.18 cuft/sx yield) down tubing and spot a balanced plug from 1,080' – 980' (volume calculated with 50' excess).
15. **Kirtland Top & Surface Plug (340' – Surface)**: Pump 30 sx Class "B" cement (15.6 ppg, 1.18 cuft/sx yield) down tubing and spot a balanced plug from 340' – surface (volume calculated with 50' excess).
16. TOH & LD tubing.
17. RDMO cement truck.
18. WOC 4 hours.
19. Cut off WH. Fill in casing as needed with cement. Install above ground P&A marker.
20. 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. 1,600' 2-3/8" workstring
3. 4-1/2" cement retainer
4. 3-7/8" string mill
5. 55 sx Class "B" cement
6. 1 above ground marker

Services:

1. Completion rig
2. Cement truck

XTO - Wellbore Diagram

Current

Well Name: Tiger 07

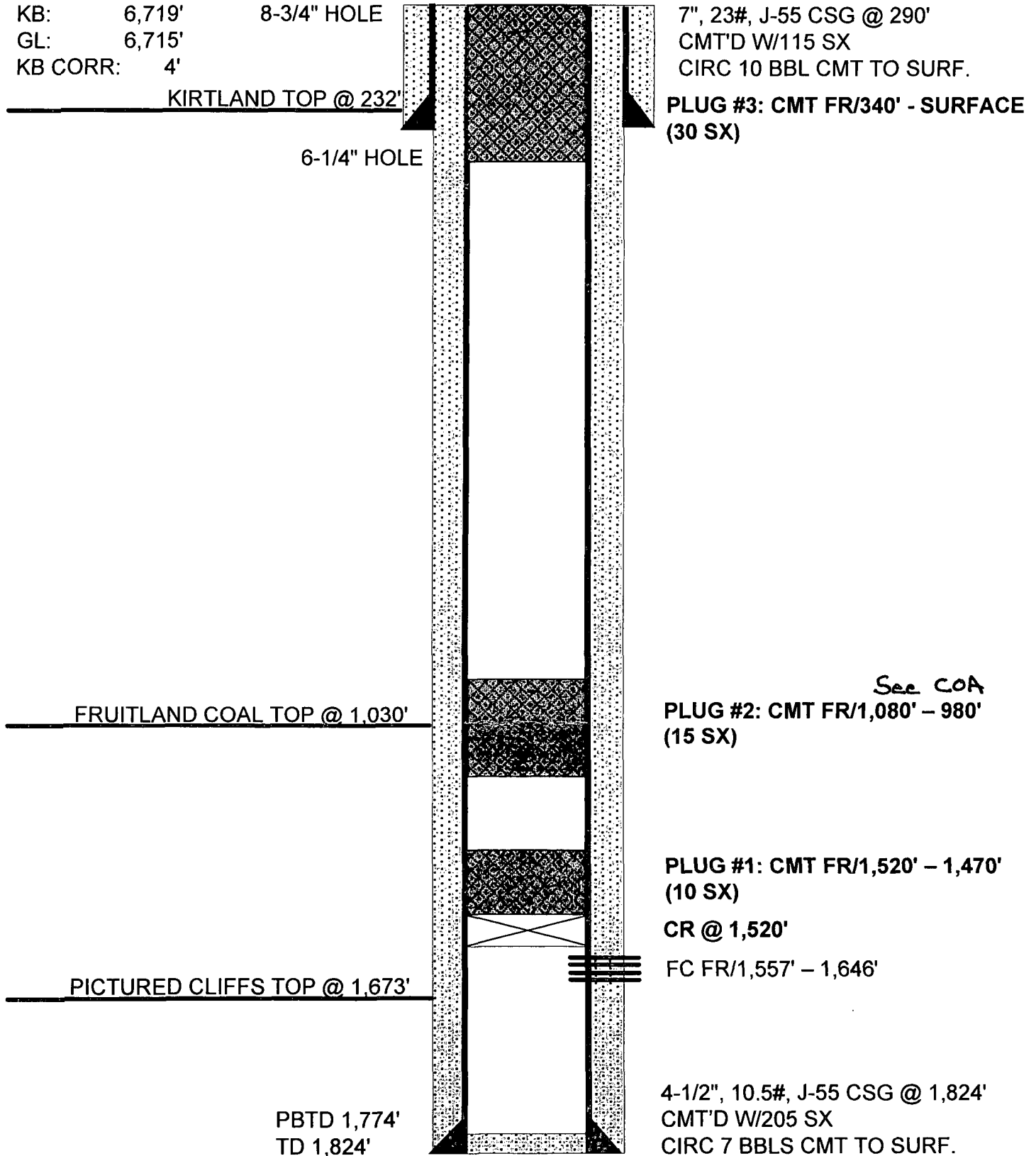
API/UWI 30045296180000	E/W Dist (ft) 1,850.0	E/W Ref FEL	N/S Dist (ft) 1,025.0	N/S Ref FNL	Location T30N-R13W-S34	Field Name Basin Fruitland Coal	County San Juan	State/Province New Mexico
Well Configuration Type Vertical	XTO ID B 68148	Orig KB Elev (ft) 6,719.00	Gr Elev (ft) 6,715.00	KB-Grd (ft) 4.00	Spud Date 7/8/1998	PBTD (All) (ft)KB Original Hole - 1774.0	Total Depth (ft)KB 1,824.0	Method Of Production Hydraulic

Well Config: Vertical - Original Hole, 6/30/2014 9:50:48 AM

Schematic - Actual		Incl	ftKB (TVD)	ftKB (MD)	Zones
					Zone Top (ftKB) Btm (ftKB)
					Fruitland Coal 1,557.0 1,646.0
					Casing Strings
-16					Casing Description OD (in) Wt (lbs/ft) String Grade Top Connection Set Depth (ftK... Surface 7 23.00 J-55 Production Casing Cement casing Production, 1,824.0ftKB
0					Casing Description OD (in) Wt (lbs/ft) String Grade Top Connection Set Depth (ftK... Production 4 1/2 10.50 J-55 Surface Casing Cement casing Surface, 290.0ftKB
4					Cement
6					Description Type String Production Casing Cement casing Production, 1,824.0ftKB
7					Description Type String Surface Casing Cement casing Surface, 290.0ftKB
9					Comment
16					
25					Perforations
290					Date Top (ftKB) Btm (ftKB) Shot Dens (shots/ft) Hole Diameter (in) Phasing (") Curr Status Zone 8/12/1998 1,557.0 1,566.0 2.0 Fruitland Coal
1,224					8/12/1998 1,625.0 1,646.0 2.0 Fruitland Coal
1,338					Tubing Strings
1,557					Tubing Description Run Date Set Depth (ftKB) Tubing - Production 3/3/2010 1,690.6
1,566					Tubing Components
1,599					Item Description Jts Model OD (in) Wt (lbs/ft) Gra Top Thread Len (ft) Top (ftKB) Btm (ftKB) Tubing 51 T&C Upset 2 3/8 4.70 J-55 1,660.50 0.0 1,660.5
1,603					Seat Nipple 1 T&C Upset 2 3/8 4.70 J-55 1.10 1,660.5 1,661.6
1,625					OEMA 1 T&C Upset 2 3/8 4.70 J-55 29.00 1,661.6 1,690.6
1,629					Rods
1,633					Rod Description Run Date String Length (ft) Set Depth (ftKB) Insert Pump 3/3/2010 1,688.50 1,672.0
1,634					Rod Components
1,641					Item Description Jts Model OD (in) Grade Len (ft) Top (ftKB) Btm (ftKB) Polished Rod 1 1 1/4 22.00 -16.5 5.5
1,646					Rod Sub 1 3/4 D 1.00 5.5 6.5
1,658					Rod Sub 1 3/4 D 2.00 6.5 8.5
1,659					Rod Sub 1 3/4 D 8.00 8.5 16.5
1,660					Rod Sub 1 3/4 D 8.00 16.5 24.5
1,662					Sucker Rod 48 3/4 D 1,200.00 24.5 1,224.5
1,672					Sucker Rod w/Molded Guides 15 3/4 D 375.00 1,224.5 1,599.5
1,675					Stabilizer Rod 1 7/8 D 4.00 1,599.5 1,603.5
1,691					Sinker Bar 1 1 1/4 K 25.00 1,603.5 1,628.5
1,774					Stabilizer Rod 1 7/8 D 4.00 1,628.5 1,632.5
1,824					Shear Tool - 21K 1 3/4 1.00 1,632.5 1,633.5
					Sinker Bar 1 1 1/4 K 25.00 1,633.5 1,658.5
					Lift Sub 1 1 1.00 1,658.5 1,659.5
					Spiral Rod Guide 1 3/4 0.50 1,659.5 1,660.0
					Rod Insert Pump 1 1 1/2 12.00 1,660.0 1,672.0
					Stimulations & Treatments
					Frac Start Date Top Perf (ft...) Bottom Pe... V (slurry) (...) Total Prop... AIR (b...) ATP (psi) MTP (psi) ISIP (psi) 8/13/1998 1625 1646
					Comment
					Frac Start Date Top Perf (ft...) Bottom Pe... V (slurry) (...) Total Prop... AIR (b...) ATP (psi) MTP (psi) ISIP (psi) 8/13/1998 1557 1566
					Comment

Tiger #7
Sec 34, 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: Tiger #7

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 the Fruitland Coal top plug (1425-1325) ft. to cover the Fruitland top. BLM picks top of Fruitland Coal at 1375 ft.

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.