### State of New Mexico Energy, Minerals and Natural Resources Department

David R. Catanach, Division Director

Susana Martinez

Governor

**David Martin** Cabinet Secretary

**Deputy Cabinet Secretary** 

Oil Conservation Division Brett F. Woods, Ph.D.



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: 1/8/15 Well information: frmWellFilterSub API-WELL # Well Name Well # Operator Name Type Stat County Surf Owner UL Sec Twp N/S Rng W/E 30-045-29115-00-00 P O PIPKIN 005E XTO ENERGY, INC G A : San Juan F Application Type: Drilling/Casing Change Location Change P&A Recomplete/DHC (For hydraulic fracturing operations review EPA Underground injection control Guidance #84) Other: Conditions of Approval: Notify NMOCD 24hrs prior to beginning operations, casing & cement See APD Conditions of approval regarding Hydraulic Fracturing, Oil base muds and Well-bore communication. Extend Plug #1 up to 5977' 1/22/15 NMOCD Approved by Signature Date

> 1220 South St. Francis Drive - Santa Fe, New Mexico 87505 Phone (505) 476-3460 • Fax (505) 476-3462 • www.emnrd.state.nm.us/ocd

Form 3160-5 (August 2007)

# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB NO. 1004-0137 Expires July 31, 2010

5. Lease Serial No.

NMSF-077875

SUNDRY NOTICES AND	REPORTS	ON	WELLS
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Do not use this form for proposals to drill or to re-enter an abandoned พิลุโม. Use Form 3160-3 (APD) for such proposals.

6. If Indian, Allottee or Tribe Name

Jriiv o o para					
SUBMIT IN TRIBLICAT	FE - Other instruction	ons on page 2		7. If Unit or CA/.	Agreement, Name and/or No
1. Type of Well X Gas Well Other		,		8. Well Name and	
2. Name of Operator				P.O. PIPKIN	#5 <b>E</b>
XTO ENERGY INC				9. API Well No.	
3a. Address		3b. Phone No. (include at	rea code)	30-045-2911	5
382 CR 3100, Aztec, NM 87410		505-3	24-1090		ol, or Exploratory Area
4. Location of Well (Footage, Sec., T., R., M., or Survey I	Description)			BASIN DAKOTZ	
1,780' FSL & 1,450' FEL Sec 07, T	27N, R10W "J"				* X
· · · · · · · · · · · · · · · · · · ·				11. County or Pa	arish, State
77 DF				SAN JUAN	NM
12. CHECK APPROPRIATE	E BOX(ES) TO IN	DICATE NATURE OF 1	NOTICE, REPO	ORT, OR OTHER	. DATA
TYPE OF SUBMISSION		TY	PE OF ACTION		
X Notice of Intent	Acidize	. Decpen	Production	n (Start/Resume)	Water Shut-Off
	Alter Casing	Fracture Treat	Reclamation	on	Well Integrity
Subsequent Report	Casing Repair	New Construction	Recomple	te T	Other
Final Abandonment Notice	Change Plans	X Plug and Abandon	Temporari	ly Abandon	
	Convert to Injection	on Plug Back	Water Dis	posal	
13. Describe Proposed or Completed Operation (clearly If the proposal is to deepen directionally or recomp Attach the Bond under which the work will be per following completion of the involved operations. I testing has been completed. Final Abandonment N	y state all pertinent deta olete horizontally, give s formed or provide the of the operation results i	ils, including estimated start: ubsurface locations and mea Bond No. on file with BLM n a multiple completion or r	ng date of any prosured and true ve /BIA. Required secompletion in a	oposed work and ap rtical depths of all p subsequent reports s new interval, a Forr	pertinent markers and zon shall be filed within 30 da m 3160-4 shall be filed or

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.

JAN 1 5 2015

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

NMOCD DISTRICT III SEE ATTACHED FOR CONDITIONS OF APPROVAL



H<sub>2</sub>S POTENTIAL EXIST

14. I hereby certify that the foregoing is true and correct Name (Printed/Typed)	
KRISTEN D. BABCOCK	Title RECULATORY ANALYST
Signature Kristen D. Babcock	Date 1/8/2015
THIS SPACE FOR FEDERA	L OR STATE OFFICE USE
Approved by Troy Salvers	Title PE Date 1/13/2015
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, 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 jurisdictions as 60 any matter within its jurisdictions as 60 any false.

LWA	
MTG	
Approved	

#### PLUG AND ABANDONMENT PROCEDURE

December 5, 2014

#### PO Pipkin 5E

Basin Dakota 1780' FSL and 1450' FEL, Section 7, T27N, R10W San Juan County, New Mexico / API 30-045-29115 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.

- 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.
- Rods: Yes\_\_\_\_\_, No\_\_X\_, Unknown\_\_\_\_.
   Tubing: Yes\_\_X\_, No\_\_\_, Unknown\_\_\_\_, Size\_\_\_\_2.375"\_, Length \_\_\_\_6020'\_\_\_.
   Packer: Yes\_\_\_\_, No\_\_X\_\_, Unknown\_\_\_\_\_, Type\_\_\_\_\_\_\_\_.
- 3. Plug #1 (Dakota interval, 6077' 6027'): Round trip 4.5" gauge ring to 6080' or as deep as possible. RIH and set 4.5" cement retainer at 6077'. Pressure test tubing to 1000 PSI. Circulate well clean. Casing will not test 3540-1731', spot or tag subsequent plugs as appropriate. Mix 8 sxs Class B cement inside casing to isolate the Dakota perforations and top. PUH.

#### See COA

- 4. Plug #2 (Mancos & Gallup top, 5279' 4327'): Spot 75 sxs Class B and spot a balanced plug inside casing to cover the Mancos and Gallup tops. PUH.
- 5. Plug #3 (Chacra & Mesa Verde top, 3280' 2564'): Spot 57 sxs Class B and spot a balanced plug inside casing to cover the Chacra and Mesa Verde tops. PUH.
- 6. Plug #4 (Fruitland & Pictured Cliffs top, 1752' 1180'): Spot 46 sxs Class B and spot a balanced plug inside casing to cover the Fruitland and Pictured Cliffs tops. PUH.
- 7. Plug #5 (Ojo Alamo & Kirtland top, 826' 600'): Spot 21 sxs Class B and spot a balanced plug inside casing to cover the Ojo Alamo and Kirtland tops. PUH.
- 8. **Plug #6 (8.625" casing shoe, 493' 0')**: Mix approximately 41 sxs cement and spot a balanced plug from 493' to surface. TOH and LD tubing. Shut well in and WOC
- 9. 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.



### **XTO - Wellbore Diagram**

PI/UWI 0045291150000	E/W Dist (ft) 1,450.0	E/W Ref FEL	V/S Dist (ft) 1,780.0	N/S R	Ref Location FSL T27N-R10W-S07		-507	Field Name Basin Dakota		Count	-	State/Province New Mexico	
/ell Configuration Type			1,760.0 Gr Elev (ft)	KB-Gr			PBTD (AI						
'ertical	70863	5,907.00	5,891.00	İ	16.00	8/4/199	4	Origin	al Hole - 638	3.0 6	5,447.0 F	Plunger Lif	ft
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		1/2" CBP, 3.900,			9/10/199			6,214.0	2.0		Dak	ota	
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www.peloton.com

## XTO - Proposed P&A Wellbore Diagram

API/UWI	EW Dist (ft)	E/W Ref	N/S Dist (ft)	N/S Re		Location		Field Nam		- 1	inty	State/Pro	
30045291150000 Well Configuration Type	1,450.0 XTO ID B	FEL Orig KB Elev (ft)	1,780.0 Gr Elev (ft)	KB-Gr	FSL (ft)	T27N-R10W-S		Basin D			n Juan al Depth (ftKB)	New M	exico .  f Production
Vertical	Well Comig: Vertical - Ong	Schematic - Proposed	PMX	KB: FRKB	Zones:	3. Zone	7. 1.26 7. 1.28	LONG THE STATE OF	Ton (flKR)			Btm (ftKP	The Control
					Mancos		3 32	11 MESTICANI C	35 31 4F (1 1 3 - 7 4	3 (4.15. x://o 5.4.)	ETC (C) 25 GW TANKER	*********	77 434. 4365.00-0
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		Cement Plug 60	0-826 ftKB	826	Plug 1: F Description	ump 50 sx fr 6,0		6,027'. Type			String		
Fruitland Coal, 776				- [	Cement	⊃lug		Type			Production	n, 6,432	.0ftKB
					Comment	ump 75 sx fr/ 5,	270'	. 4 327'					
Pictured Cliffs, 1,230		g	• • • •	1,230	Description			Type		·	String		
	- 3			1,702	Cement	Plug					Productio	n, 6,432	.0ftKB
		Cement Plug #19	180-1;752 ftKB		Plug 3: F	ump 57 sx fr 3,2	280' -	2,564'.					
Chacra, 1,702				1 1	Description Cement	Olug		Туре			String Productio	n 6.432	Office
					Comment	······					TTOGGCTO	11, 0,402	·OILIND
Mesaverde, 2,614				2,614	Plug 4: F Description	ump 46 sx from		2' - 1,18 Type	60'.		String		
				3,230	Cement I	Plug		.,,,,			Productio	n, 6,432	.0ftKB
		Cement Plug 32;	564-3,280 ftKB	3,280	Comment Plug 5: F	ump 21 sx from	826'	- 600'					
Mancos, 3,230				4 327	Description			Туре			String		
·				I .	Cement	Plug					Productio	n, 6,432	.0ftKB
Gallup, 4,377		g i	'		Plug 6: P	ump 41 sx from			e				
		<b>]</b>			Description Surface (	Casing Cement		Type casing			String Surface,	443.0ftKI	В
		Cement Plug (4)	327-5,279 ftKB		Comment								
iv		Ž		6,027	Cmtd w/3 Description	310 sx CI A cmt.		30 bbls Type	cmt to surf.		String		
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Report Printed: 12/9/2014

# 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: PO Pipkin #5E

#### 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) Bring the top of plug #2 to 4308 ft. to cover the Mancos top. Adjust cement volume accordingly.

Note: H2S has not been reported in this section; however, low concentrations of H2S (3 ppm - 10ppm GSV) have been reported in wells within a 1 mile radius of this location

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.