

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: 6/10/2013

Well information:

API WELL #	Well Name	Well #	Operator Name	Type	Stat	County	Surf. Owner	UL	Sec	Twp	N/S	Rng	W/E	Feet	NS	Ft	EW
30-045-29115-00-00	P O PIPKIN	005E	XTO ENERGY, INC	G	A	San Juan	F		J	7	27	N	10 W	1780	S	1450	E

Conditions of Approval:

Notify NMOCD 24hrs prior to beginning operations

File New C104 and completion paperwork for Basin Mancos before returning to production

JUL 15 2013

NMOCD Approved by Signature

Date

RECEIVED

Form 3160-5
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

JUL 02 2013

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

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

5. Lease Serial No.
NMSF-077875

6. Owner, Allottee or Tribe Name

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, NEW MEXICO, 87410

3b. Phone No. (include area code)
(505)333-3100

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
1780' FSL & 1450' FEL SEC 7 (J), T27N, R10W, N.M.P.M.

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

8. Well Name and No.
PO PIPKIN #5E

9. API Well No.
30-045-29115

10. Field and Pool or Exploratory Area
BASIN DAKOTA

11. Country or Parish, State
SAN JUAN, NEW MEXICO

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☒ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☐ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ 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 recompleate 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 must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

XTO Energy, Inc. intends to set a CBP (composite bridge plug) @ 6,100' above the Dakota perms fr/6,128'-6,354', recompleate the Basin Mancos Formation and then test the Mancos. After testing the Mancos and getting actual allocations a DHC application will be submitted. XTO plans to recompleate the Mancos as follows:

- 1.) MIRU set CBP @ 6,100'.
- 2.) Perforate lower Mancos fr/5,934'-6,036' (.34" diam, 23 holes)
- 3.) BD perms w/1,000 gals 15% NEFE HCl acid.
- 4.) Frac lower Mancos 70Q, N2 foam XL gel carrying 150,000# sand
- 5.) Set CBP @ 5,900'
- 6.) Perf upr Mancos fr/5,716'-5,789' (.34" diam, 18 holes)
- 7.) BD perms w/1,000 gals 15% NEFE HCl acid.
- 8.) Frac upr Mancos w/70Q N2 foam XL carrying 150,000# sand.
- 9.) CO to CBP @5,900' DO CBP and continue CO to 6,100' (Do not drill CBP @ 6,100' out)
- 10.) TIH w/lbg. RWTP as a single zone, testing the Upper and Lower Mancos production.

OIL CONS. DIV DIST. 3

JUL 05 2013

(Please see the attached WBD w/tops and C102 Basin Mancos Plat.

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)
KRISTEN D. LYNCH

Title REGULATORY ANALYST

Signature

Kristen D. Lynch

Date 06/10/2013

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Original Signed: Stephen Mason

Title

Date

JUL 03 2013

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, make 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.

(Instructions on page 2)

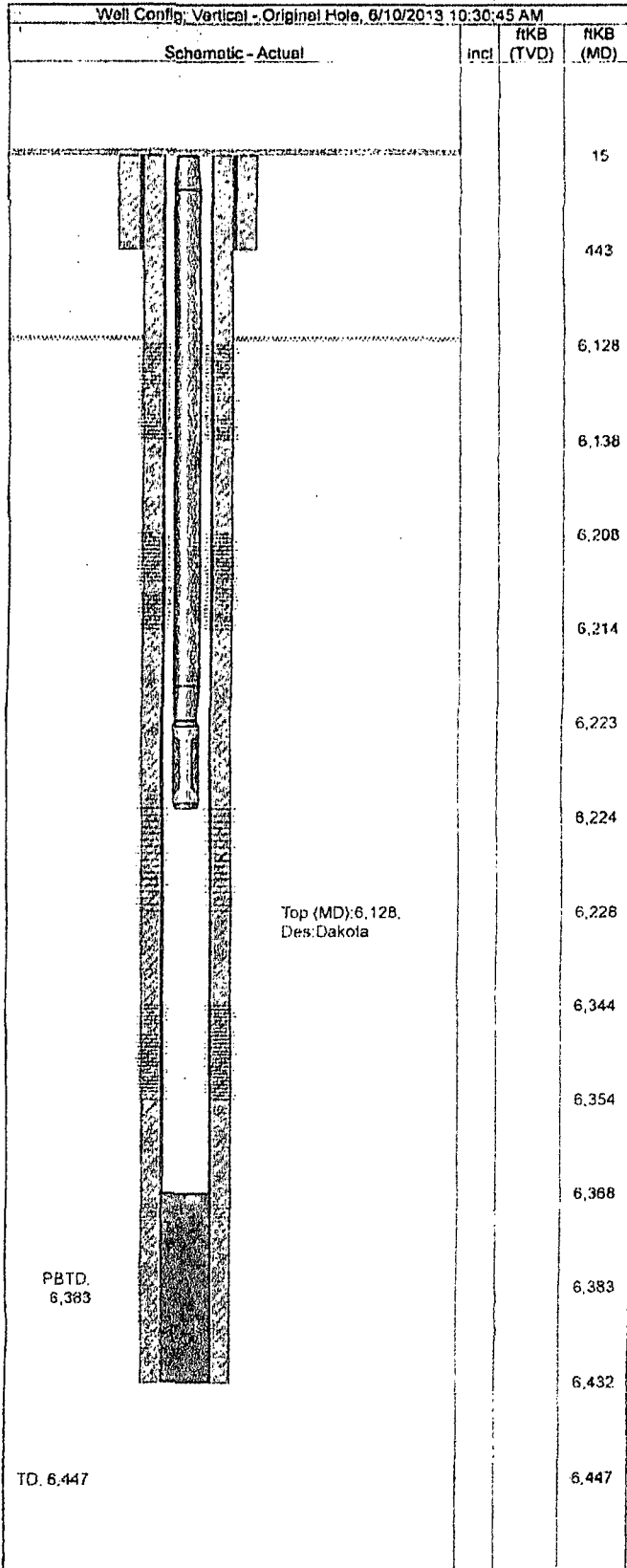
NMOCD



XTO - Wellbore Diagram

Well Name: PO Pipkin 05E

API/UVI	E/W Dist (ft)	E/W Ref	N/S Dist (ft)	N/S Ref	Location	Field Name	County	State/Province
00045291150000	1,450.0	FEL	1,780.0	FSL	T27N-R10W-S07	Basin Dakota	San Juan	New Mexico
Well Configuration Type	XTO ID B	Orig KB Elev (ft)	Gr Elev (ft)	KB-Grd (ft)	Spud Date	PBTD (All) (ftKB)	Total Depth (ftKB)	Method Of Production
Vertical	70863	5,907.00	5,891.00	16.00	8/4/1994	Original Hole - 6383.0	6,447.0	Plunger Lift



Zones									
Zone		Top (ftKB)		Btm (ftKB)					
Dakota		6,128.0		6,354.0					
Casing Strings									
Casing Description	OD (in)	Wt (lbs/ft)	String Grade	Top Connection	Set Depth (ftKB)				
Surface	8 5/8	32.00	K-55		443.0				
Casing Description	OD (in)	Wt (lbs/ft)	String Grade	Top Connection	Set Depth (ftKB)				
Production	4 1/2	11.60	J-55		6,432.0				
Cement									
Description	Type		String						
Surface Casing Cement	casing		Surface, 443.0ftKB						
Comment									
Cmtd w/310 sx CIA cmt. Circ 30 bbls cmt to surf.									
Description	Type		String						
Production Casing Cement	casing		Production, 6,432.0ftKB						
Comment									
Cmtd w/1020 sx Howco, tail w/300 sx CIA cmt.									
Perforations									
Date	Top (ftKB)	Btm (ftKB)	Shot Dens (shots/ft)	Hole Diameter (in)	Phasing (*)	Current Status	Zone		
9/10/1994	6,128.0	6,138.0	2.0				Dakota		
9/10/1994	6,208.0	6,214.0	2.0				Dakota		
9/10/1994	6,224.0	6,228.0	2.0				Dakota		
9/10/1994	6,344.0	6,354.0	2.0				Dakota		
Tubing Strings									
Tubing Description		Run Date			Set Depth (ftKB)				
Tubing - Production		7/9/1999			6,224.0				
Tubing Components									
Item Description	Jts	Model	OD (in)	Wt (lbs/ft)	Grade	Top Thread	Len (ft)	Top (ftKB)	Btm (ftKB)
Tubing	200	T&C	2 3/8	4.70	J-55		6,208.00	15.0	6,223.0
		Upset							
Seat Nipple	1		2 3/8		J-55		1.00	6,223.0	6,224.0
Rods									
Rod Description		Run Date			String Length (ft)		Set Depth (ftKB)		
Rod Components									
Item Description	Jts	Model	OD (in)	Grade	Len (ft)	Top (ftKB)	Btm (ftKB)		
Stimulations & Treatments									
Frac Start Date	Top Perf (ft)	Bottom Perf (ft)	V (slurry) (	Total Prop.	AIR (b)	ATP (psi)	ITMP (psi)	ISIP (psi)	
Comment									

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries):

38. GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
				OJOA	652	
				OJOA	776	
				FRLO	1230	
				PCCF	1720	
				LWIS	1886	
				CLFH	3222	
				MENF	3350	
				PNLK	4136	
				MNCS	4450	
				GLLP	5230	
				GRNH	6038	
				GRAN	6100	
				DKTA	6126	
				MRSN	6400	

District I
1625 N. French Dr., Hobbs, NM 88240

District II
811 South First, Artesia, NM 88210

District III
1000 Rio Brnzos Rd., Aztec, NM 87410

District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-102
Revised October 19, 2009
Submit one copy to appropriate
District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-045-29115		² Pool Code 97232	³ Pool Name BASIN MANCOS
⁴ Property Code 22628	⁵ Property Name PO PIPKIN		⁶ Well Number 5 E
⁷ GRID No. 5380	⁸ Operator Name XTO Energy, Inc.		⁹ Elevation 5891' GL

¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
J	7	27N	10W		1780'	SOUTH	1450'	EAST	SAN JUAN

¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
SAME									

¹² Dedicated Acres MC: 320 ACRES	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

	17 OPERATOR CERTIFICATION <i>I hereby certify that the information contained herein is true & complete to the best of my knowledge & belief and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</i>
	Signature Printed Name KRISTEN D. LYNCH
	Title REGULATORY ANALYST
	Date 10/25/2012
	18 SURVEYOR CERTIFICATION <i>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true & correct to the best of my belief.</i>
	Date of Survey 6/23/1984 Original Survey Signed By: John A. Vukovich 14831 Certificate Number