

RECEIVED

Form 3160-3
(August 2007)

OCT 29 2012

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

Farmington Field Office
Bureau 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.**

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)
955' FNL & 1005' FEL NENE SEC. 8 (A) - T24N-R5W N.M.P.M.

5. Lease Serial No.

JIC 69

6. If Indian, Allottee or Tribe Name

JICARILLA APACHE

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

8. Well Name and No.

APACHE FEDERAL #8E

9. API Well No.

30-039-23040

10. Field and Pool, or Exploratory Area

BASIN DAKOTA

BLANCO MESAVERDE

11. County or Parish, State

RIO ARriba NM

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

TYPE OF SUBMISSION

TYPE OF ACTION

☒ Notice of Intent

☐ Subsequent Report

☐ Final Abandonment Notice

☐ Acidize

☐ Alter Casing

☐ Casing Repair

☐ Change Plans

☐ Convert to Injection

☐ Deepen

☐ Fracture Treat

☐ New Construction

☐ Plug and Abandon

☐ Plug Back

☐ Production (Start/Resume)

☐ Reclamation

☒ Recomplete

☐ Temporarily Abandon

☐ Water Disposal

☐ Water Shut-Off

☐ Well Integrity

☒ Other **RECOMPLETE**

BASIN MANCOS

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 recomplete 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/BFA. Required subsequent reports shall 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 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 recomplete this well to the Otero Gallup formation per the following. Please see also the attached WB Diagram, formation tops & Basin Mancos C102 plat.

An application to DHC will be submitted separately. XTO Energy Inc. will obtain the DHC order before commingling.

MIRU. RIH 5-1/2" CIBP plug and set at 6,750'. Perforate Gallup w/3-1/8" select fire csg gun w/1 JSPF (0.41" dia., 30 holes) 5,691' - 5,898'. ED Gallup perfs w/2% KCI water and EIR. Acidize w/1,000 gals of 15% NEFE HCl acid. Frac Gallup perfs from 5,691' - 5,898' down 5-1/2' csg @ 45 BPM w/133,894 foam gals 70Q, N2 foamed, 25 lb XL gelled, 2% KCI water (Delta 200) carrying 150,000 lbs 20/40 Brady sand & 50,000 lbs 20/40 SLC sand. Flush w/6,394 gals (2 bbls short) 2% KCL foamed wtr. Record ISIP 5 min, 10 min, 15 min SIP. DO CIBP @ 6,750. TIH w/NC, SN and 2-3/8", 4.7#, J-55 EUE 8rd tbq. Land BOT at +/-6,810', SN @ +/-6,809'. RDMO.

RCVD OCT 31 '12
OIL CONS. DIV.
DIST. 3

OPERATION to AMEND

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 **10/25/2012**

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Original Signed: Stephen Mason

Title

Date

OCT 30 2012

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.

NMOCD A

District I

1625 N. French Dr., Hobbs, NM 88240

District II

811 South First, Artesia, NM 88210

District III

1000 Rio Brazos 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 30-045-23040		² Pool Code 48450	³ Pool Name OTERO GALLUP
⁴ Property Code 33116	⁵ Property Name APACHE FEDERAL		⁶ Well Number 8 E
⁷ GRID No. 5380	⁸ Operator Name XTO Energy, Inc.		⁹ Elevation 6583' GL

¹⁰ Surface Location

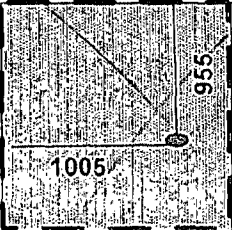
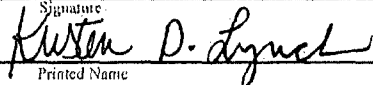
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	8	24N	5W		955	NORTH	1005	EAST	SAN JUAN

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 GA:									¹³ Joint or Infill
¹⁴ Consolidation Code									¹⁵ Order No.
									RCVD/OCT 31 '12
									OIL CONS. DIV.

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

DIST. 3

	<p style="text-align: center; font-size: 2em;">OTERO GALLUP</p> <p style="text-align: center; font-size: 3em;">21</p>		¹⁷ OPERATOR CERTIFICATION 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 the 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.	
			Signature 	
			Printed Name KRISTEN D. LYNCH	
			Title REGULATORY ANALYST	
		Date 10/25/2012		
		¹⁸ SURVEYOR CERTIFICATION 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.		
		Date of Survey 6/23/1984		
		Original Survey Signed By: John A. Vukovich		
		Certificate Number 14831		



XTO - Wellbore Diagram

Well Name: Apache Federal 08E

API/UWI 30039230400000	E/W Dist (ft) 1,005.0	E/W Ref FEL	N/S Dist (ft) 955.0	N/S Ref FNL	Location T24N-R05W-S08	Field Name Basin Dakota	County Rio Arriba	State New Mexico
Well Configuration Type Vertical	XTO ID B 79467	Orig KB Elev (ft) 6,597.00	Gr Elev (ft) 6,583.00	KB-Grd (ft) 14.00	Spud Date 7/16/1982	PBTD (All) (ftKB) Original Hole - 6848.0	Total Depth (ftKB) 6,900.0	Method Of Production Plunger Lift

Well Config: Vertical - Original Hole 10/25/2012 1:51:03 PM

Schematic - Actual		Incl	ftKB (TVD)	ftKB (MD)	Zones
					Dakota
					Top (ftKB) 6,790.0
					Btm (ftKB) 6,846.0
					Casing Strings
					Casing Description OD (in) Wt (lbs/ft) String Grade Top Connection Set Depth (ftKB)
					Surface 8 5/8 24.00 S-90 522.0
					Casing Description OD (in) Wt (lbs/ft) String Grade Top Connection Set Depth (ftKB)
					Production 5 1/2 17.00 N-80 6,900.0
					Item Description OD (in) Wt (lbs/ft) Grade Top (ftKB) Bottom (ftKB)
					DV Tool 5 1/2 5,540.0 5,541.0
					Cement
					Description Type String
					Surface Casing Cement casing Surface, 522.0ftKB
					Comment
					Cmtd w/305 sx Class "B" cmt w/2% CACL2. Circ 50 sx cmt to surf.
					Description Type String
					Production Casing Cement casing Production, 6,900.0ftKB
					Comment
					Cmtd 1st stg w/420 sx CI "B" cmt w/4% gel, 0.5% d65. Circ 40 sx cmt to surf. Cmtd 2nd stg w/2,100 sx CI "B" cmt w/4% gel, 0.5% D65. Did not circ cmt to surf. TOC 800' ts
					Perforations
					Date Top (ftKB) Btm (ftKB) Shot Dens (shots/ft) Hole Diameter (in) Phasing (°) Curr. Status Zone
					8/6/1982 6,790.0 6,810.0 0.500 0.500 Dakota
					8/6/1982 6,816.0 6,846.0 0.500 0.500 Dakota
					Tubing Strings
					Tubing Description Run Date Set Depth (ftKB)
					Tubing - Production 6,810.3
					Tubing Components
					Item Description Jts Model OD (in) Wt (lbs/ft) Gra. Top Thread Len (ft) Top (ftKB) Btm (ftKB)
					Tubing 6 T&C Upset 2 3/8 4.70 J-55 180.06 14.0 194.1
					Tubing 214 T&C Upset 2 3/8 4.70 J-55 6,614.74 194.1 6,808.8
					Seat Nipple 2 3/8 1.10 6,808.8 6,809.9
					Notched Collar 2 3/8 0.40 6,809.9 6,810.0
					Rods
					Rod Description Run Date String Length (ft) Set Depth (ftKB)
					6,810
					Rod Components
					Item Description Jts Model OD (in) Grade Len (ft) Top (ftKB) Btm (ftKB)
					6,810
					Stimulations & Treatments
					Frac Start Date Top Perf (ft) Bottom Perf (ft) V (slurry) (bbl) Total Prop. (bbl) AIR (bbl) ATP (psi) MTP (psi) ISIP (psi)
					8/7/1982 6790 6846
					Comment
					Acidize and breakdown perms w/3,500 gal 15% HCl
					Frac Start Date Top Perf (ft) Bottom Perf (ft) V (slurry) (bbl) Total Prop. (bbl) AIR (bbl) ATP (psi) MTP (psi) ISIP (psi)
					8/9/1982 6790 6846
					Comment
					Frac'd w/ 47,082 gals water and 73,750# 10/20 sand
					6,846
					6,848
					6,900

Top (MD): 6,790,
Des: DakotaPBTD,
6,848

TD, 6,900

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on Items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see Item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in Item 22; and in Item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in Item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for Items 22 and 24 above.)

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

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
Basin Dakota	6790	6846	Perforated w/(1) JHPF (1/2") Frac & Acid Treat

38.

GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
Basin Dakota		6788
Base Greenhorn		6660
Greenhorn		6591
Gallup		5688
Picture Cliffs		2404
Fruitland		2310
Ojo Alamo		1630