

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

RECEIVED

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.

AUG 12 2011

Lease Serial No

14-20-603-2198

If Indian, Allottee or Tribe Name

NAVAJO NATION

SUBMIT IN TRIPLICATE - Other instructions on page 2

Bureau of Land Management

Unit or CA/Agreement, Name and/or No
NM-108236

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)

505-333-3204

4 Location of Well (Footage, Sec, T, R, M, or Survey Description)

1978' ENL & 1221' FWL SEC 13E-T29N-14W

8 Well Name and No

NAVAJO 13 #2

9 API Well No

30-045-30653

10. Field and Pool, or Exploratory Area

WEST 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

☐ 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

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 shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleation 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. intends to recompleate this well to the Basin Fruitland Coal and downhole commingle as follows:

- 1) Set CBP @ 846'.
- 2) Perf FC from 725' - 832' (0.39" diam, 27 holes).
- 3) BD perfs with 750 gal 15% NEFE HCl acid.
- 4) Frac FRC w/XL gel & 80,000# sd.
- 5) DO CBP & DHC w/PC.
- 6) TIH w/tbg, rods & pump. RWTP.

Please see also the attached C-102, wellbore diagram and formation tops.

XTO will send a separate application for the DHC and will not commingle until approval has been received.

14 I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

LORRI D. BINGHAM

Title REGULATORY ANALYST

Signature

Date 8/11/11

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Original Signed: Stephen Mason

Title

Date

AUG 15 2011

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

NMCCD



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 12, 2005
Submit to Appropriate District Office
Fee Lease - 3 Copies
State Lease - 4 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-045-30653	² Pool Code 71629	³ Pool Name BASIN FRUITLAND COAL
⁴ Property Code 303627	⁵ Property Name NAVAJO 13	⁶ Well Number #2
⁷ OGRID No. 5380	⁸ Operator Name XTO Energy, Inc.	⁹ Elevation 5220'

¹⁰ Surface Location

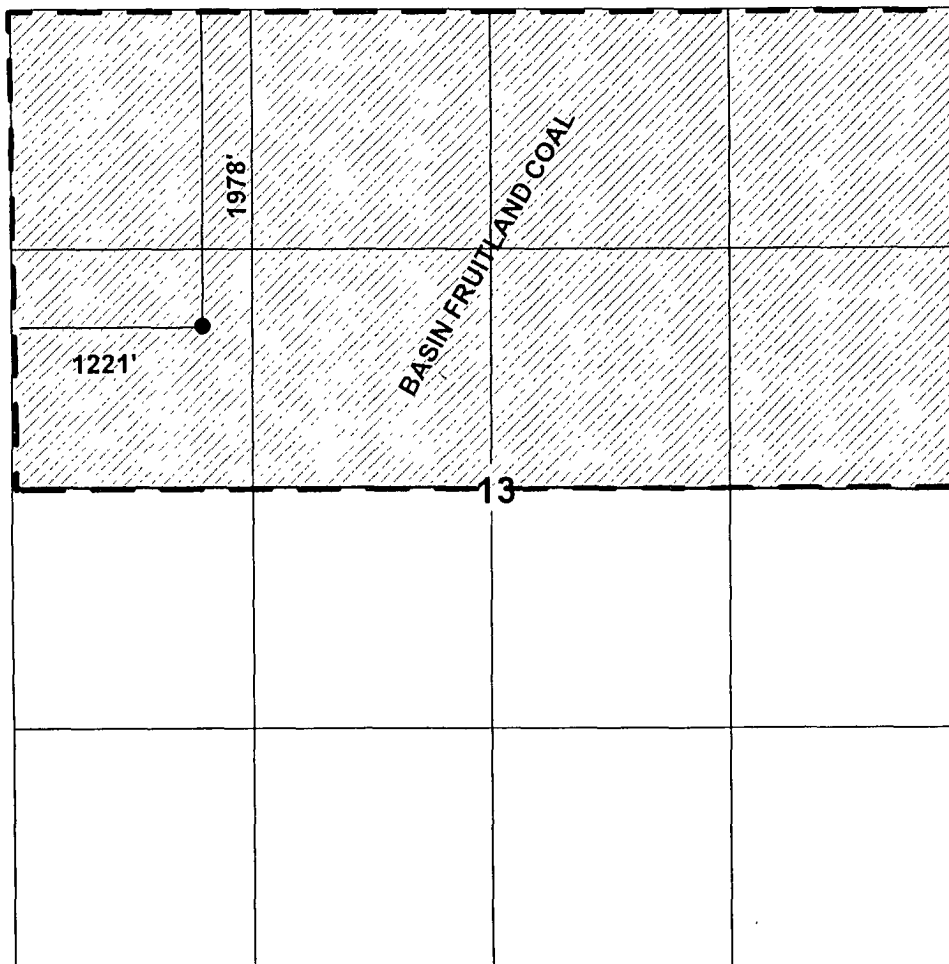
UL or lot no. E	Section 13	Township 29N	Range 14W	Lot Idn	Feet from the 1978	North/South line NORTH	Feet from the 1221	East/West line WEST	County SAN JUAN
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¹¹ Bottom Hole Location If Different From Surface

UL or lot no. SAME	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
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¹² Dedicated Acres FC 320 AC	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 LORRI BINGHAM
Title REGULATORY ANALYST	
Date 8/10/11	
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. Vukonich	
Certificate Number 14831	



XTO - Wellbore Diagram

Well Name: Navajo 13-02

API/UWI	E/W Dist (ft)	E/W Ref	N/S Dist (ft)	N/S Ref	Location	Field Name	County	State
30045306530000	1,221 0	FWL	1,978 0	FNL	T29N-R14W-S13	Kutz W Pictured Cliffs	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	77449	5,225.00	5,220 00	5.00	2/7/2002	Original Hole - 957 0	1,007.0	Beam

Well Config: Vertical - Original Hole, 8/9/2011 3:46:14 PM

Schematic - Actual		Incl	ftKB (TVD)	ftKB (MD)	Zones
					Zone: Top (ftKB) Btm (ftKB)
					Pictured Cliffs 852 0 859
					Casing Strings
					Casing Description OD (in) Wt (lbs/ft) String Grade Top Connection Set Depth (ftK
				0	Conductor 9 5/8 40 00 K-55 51.0
					Casing Description OD (in) Wt (lbs/ft) String Grade Top Connection Set Depth (ftK
				5	Surface 7 20 00 K-55 133 0
					Casing Description OD (in) Wt (lbs/ft) String Grade Top Connection Set Depth (ftK
				16	Production 4 1/2 10 50 1,007 0
					Cement
					Description Type String
				22	Surface Casing Cement casing Surface, 133 0ftKB
					Comment
				30	Cmt 50 sx Cl 'B'. Circ 4 bbls cmt to surf
					Description Type String
				51	Production Casing Cement casing Production, 1,007 0ftKB
					Comment
					Cmt 102 sx Cl 'H' Circ 4 bbls cmt to surf
					Perforations
				133	Date Top (ftKB) Btm (ftKB) Shot Dens (shots/ft) Hole Diameter (in) Phasing Curr Status Zone
				135	4/9/2002 852 0 859 0 4.0 0 430 Pictured Cliffs
					Tubing Strings
					Tubing Description Run Date Set Depth (ftKB)
				830	Tubing - Production 7/21/2011 915 6
					Tubing Components
				852	Item Description Jts Model OD (in) Wt (lbs/ft) Gra Top Thread Len (ft) Top (ftKB) Btm (ftKB)
				855	Tubing 26 T&C Upset 2 3/8 4 70 J-55 846 92 5 0 851
				856	Tubing 1 T&C Upset 2 3/8 4.70 J-55 32 53 851 9 884
					Pump Seating Nipple 1 2 3/8 1 10 884 5 885
				859	OEMA 1 2 3/8 4 70 J-55 30 00 885 5 915
					Rods
					Rod Description Run Date String Length (ft) Set Depth (ftKB)
				881	Rod String 7/21/2011 895 00 895 0
					Rod Components
				882	Item Description Jts Model OD (in) Grade Len (ft) Top (ftKB) Btm (ftKB)
					Polished Rod w/8' Liner 1 1 1/4 16 00 0 0 16
					Rod Sub 1 3/4 D 6 00 16 0 22
					Rod Sub 1 3/4 D 8 00 22 0 30
				882	Sucker Rod 32 WCN-78 3/4 D 800 00 30 0 830
					Sinker Bar 1 1 1/4 K 25 00 830 0 855
				885	Shear Tool - 21K 1 3/4 0 60 855 0 855
					Sinker Bar 1 1 1/4 K 25.00 855 6 880
				885	Lift Sub 1 1 1 00 880 6 881
					Spiral Rod Guide 1 3/4 0 40 881 6 882
					Rod Insert Pump 1 1 1/2 12 00 882 0 894
				894	Strainer Nipple 1 1 1 00 894 0 895
					Stimulations & Treatments
				895	Frac Start Date Top Perf (f Bottom Pe V (slurry) Total Prop AIR (b ATP (psi) MTP (psi) ISIP (psi)
				916	4/17/2002 852 859 35,540.0 36 1,350 0 1.60 700 0
					Comment
					XL gel w/20/40 Brady sd & 20/40 SLC sd. SC 1 - 5 ppg
				957	
				1,007	

PBTD,
957

TD,
1,007

Navajo #13-2

30045306530000

Sec 22-T27N-R10W

FINAL FORMATION TOPSGR Elevation: 5220 Est: Surveyed: XXKB Elevation: 5232 Est: Actual: XX

FORMATION	Sub-Sea Elev.	WELL DEPTH	FORMATION	Sub-Sea Elev.	WELL DEPTH
Ojo Alamo SS			Gallup Ss**		
Kirtland Shale			Greenhorn Ls		
Farmington SS			Graneros Sh		
Fruitland Formation	5064	168	1 ST Dakota Ss*		
Lower Fruitland Coal	4405	827	2 ND Dakota Ss*		
Pictured Cliffs SS	4380	852	3 RD Dakota Ss*		
Lewis Shale			4 TH Dakota Ss*		
Chacra SS			5 TH Dakota Ss*		
Cliffhouse SS			6 TH Dakota Ss*		
Menefee			Burro Canyon Ss*		
Point Lookout SS			Morrison Fm		
Mancos Shale			Total Depth	4225	1,007