

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

5. Lease Serial No  
14-20-603-2198  
6. If Indian, Allottee or Tribe Name  
NAVAJO NATION  
7. If Unit or CA/Agreement, Name and/or No  
MM-108236

SUBMIT IN TRIPLICATE - Other instructions on page 2

Bureau of Land Management

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		8. Well Name and No NAVAJO 13 #2
2. Name of Operator XTO Energy Inc.		9. API Well No 30-045-30653
3a. Address 382 CR 3100 Aztec, NM 87410	3b. Phone No. (include area code) 505-333-3204	10. Field and Pool, or Exploratory Area WEST KUTZ PICTURED CLIFFS
4. Location of Well (Footage, Sec, T, R, M, or Survey Description) 1978' ENL & 1221' FWL SEC 13E-T29N-14W		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 checked="" type="checkbox"/> Recomplete	<input type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input 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 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/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 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. intends to recomplete 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 <i>Lorri D. Bingham</i>	Date 8/11/11

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by Original Signed: Stephen Mason	Title Office	Date AUG 15 2011
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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.

NMCCD  
AV

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

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

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

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

<sup>10</sup> Surface Location

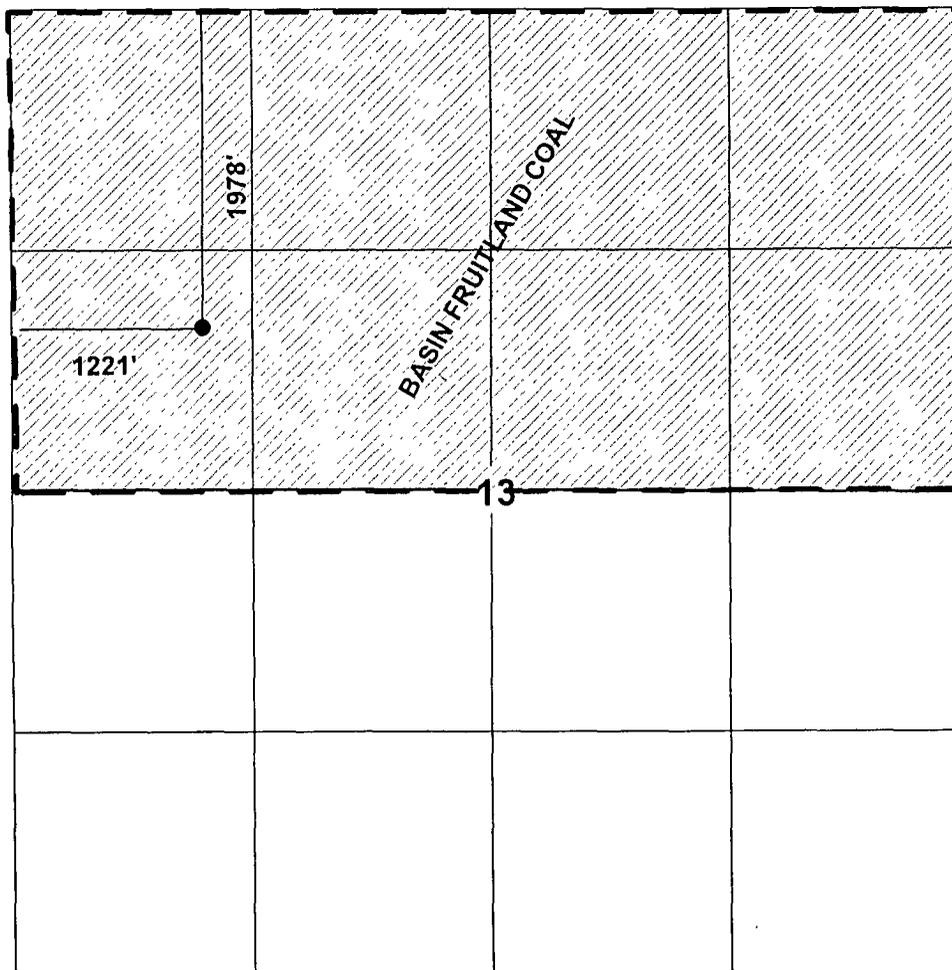
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
E	13	29N	14W		1978	NORTH	1221	WEST	SAN JUAN

<sup>11</sup> 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									

<sup>12</sup> Dedicated Acres FC 320 AC	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> 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



<sup>17</sup> 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 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

Signature: *Lorri Bingham*  
Printed Name: LORRI BINGHAM  
Title: REGULATORY ANALYST  
Date: 8/10/11

<sup>18</sup> 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

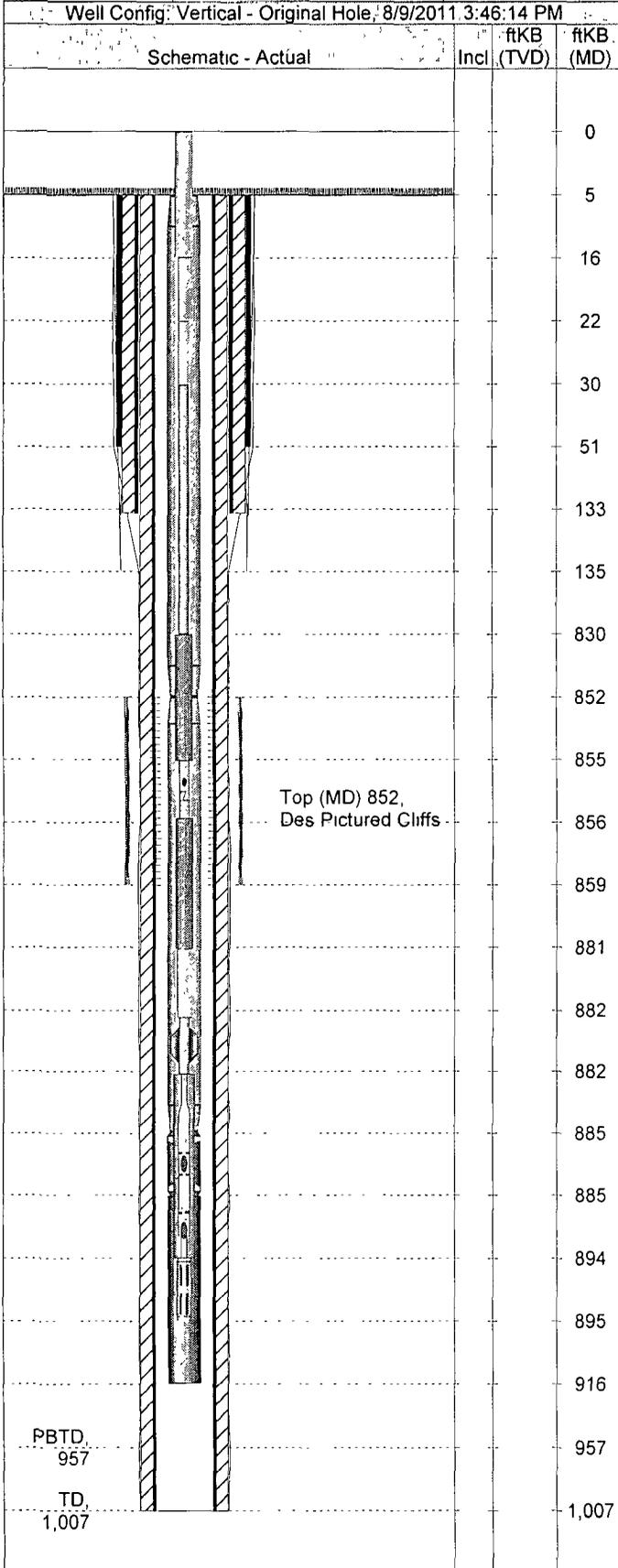
Date of Survey: 6/23/1984  
Original Survey Signed By: John A. Vukonich  
Certificate Number: 14831



# XTO - Wellbore Diagram

**Well Name: Navajo 13-02**

API/UWI 30045306530000	E/W Dist (ft) 1,221 0	E/W Ref FWL	N/S Dist (ft) 1,978 0	N/S Ref FNL	Location T29N-R14W-S13	Field Name Kutz W Pictured Cliffs	County San Juan	State New Mexico
Well Configuration Type Vertical	XTO ID B 77449	Orig KB Elev (ft) 5,225.00	Gr Elev (ft) 5,220 00	KB-Grd (ft) 5.00	Spud Date 2/7/2002	PBTD (All) (ftKB) Original Hole - 957 0	Total Depth (ftKB) 1,007.0	Method Of Production Beam



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)				
Conductor	9 5/8	40 00	K-55		51.0				
Surface	7	20 00	K-55		133 0				
Production	4 1/2	10 50			1,007 0				
Cement									
Description	Type	String							
Surface Casing Cement	casing	Surface, 133 0ftKB							
Comment Cmt 50 sx Cl 'B'. Circ 4 bbls cmt to surf									
Description	Type	String							
Production Casing Cement	casing	Production, 1,007 0ftKB							
Comment Cmt 102 sx Cl 'H' Circ 4 bbls cmt to surf									
Perforations									
Date	Top (ftKB)	Btm (ftKB)	Shot Dens (shots/ft)	Hole Diameter (in)	Phasing (%)	Curr Status	Zone		
4/9/2002	852 0	859 0	4.0	0 430			Pictured Cliffs		
Tubing Strings									
Tubing Description	Run Date	Set Depth (ftKB)							
Tubing - Production	7/21/2011	915 6							
Tubing Components									
Item Description	Jts	Model	OD (in)	Wt (lbs/ft)	Gra	Top Thread	Len (ft)	Top (ftKB)	Btm (ftKB)
Tubing	26	T&C Upset	2 3/8	4 70	J-55		846 92	5 0	851
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
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)					
Rod String	7/21/2011	895 00		895 0					
Rod Components									
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		
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		
Shear Tool - 21K	1		3/4		0 60	855 0	855		
Sinker Bar	1		1 1/4	K	25 00	855 6	880		
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		
Strainer Nipple	1		1		1 00	894 0	895		
Stimulations & Treatments									
Frac Start Date	Top Perf (ft)	Bottom Perf (ft)	V (slurry) (	Total Prop	AIR (b	ATP (psi)	MTP (psi)	ISIP (psi)	
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									

Navajo #13-2

30045306530000

Sec 22-T27N-R10W

**FINAL FORMATION TOPS**

GR Elevation: 5220 Est: \_\_\_\_\_ Surveyed: XX  
 KB 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 <sup>ST</sup> Dakota Ss*		
Lower Fruitland Coal	4405	827	2 <sup>ND</sup> Dakota Ss*		
Pictured Cliffs SS	4380	852	3 <sup>RD</sup> Dakota Ss*		
Lewis Shale			4 <sup>TH</sup> Dakota Ss*		
Chacra SS			5 <sup>TH</sup> Dakota Ss*		
Cliffhouse SS			6 <sup>TH</sup> Dakota Ss*		
Menefee			Burro Canyon Ss*		
Point Lookout SS			Morrison Fm		
Mancos Shale			<b>Total Depth</b>	4225	<b>1,007</b>