

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
OMB NO. 1004-0137  
Expires July 31, 2010

## 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.

APR 08 2013

SUBMIT IN TRIPLICATE - Other instructions on page 2

RECEIVED

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other	5. Lease Serial No. NM047
2. Name of Operator XTO Energy Inc.	6. If Indian, Allottee or Tribe Name
3a. Address 382 CR 3100, AZTEC, NM 87410	7. If Unit or CA/Agreement, Name and/or No.
3b. Phone No. (include area code) 505-333-3630	8. Well Name and No. NEW MEXICO FEDERAL N #2F
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 1980' FNL & 2610' FEL SEC.17 (G) -T30N-R12W	9. API Well No. 30-045-33243
	10. Field and Pool, or Exploratory Area BASIN DAKOTA
	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 checked="" type="checkbox"/> Other RC BASIN MC
	<input type="checkbox"/> Change Plans <input type="checkbox"/> Plug and Abandon <input type="checkbox"/> Temporarily Abandon TA DAKOTA/PWOP
	<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 recomple 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 temporarily abandon the Basin Dakota perfs fr/6510' - 6701' with a CIBP set @ 6,490', recomple the Basin Mancos formation and test the Mancos. XTO will determine to either DHC or permanently plug the Dakota and will submit appropriate NOI at that time. XTO will recomple the MC as follows:

- 1) Set CIBP @ 6,490' & place 5' cmt on CIBP @ 6,490'. PBTD @ 6,485'.
- 2) Perf lwr MC fr/6,305' - 6,387' (.34" diam, 24 holes).
- 3) ED perfs w/1,250 gals 15% NEFE HCl acid.
- 4) Frac lwr MC w/65Q N2 foam XL gel carrying 125,000#
- 5) Set CBP @ 6,260'.
- 6) Perf upper MC fr/6,102' - 6,174' (.34" diam, 19 holes)
- 7) ED perfs w/1,000 gals 15% NEFE HCl acid.
- 8) Frac upper MC w/65Q N2 foam XL gel carrying 100,000#
- 9) DO CBP @ 6,260'. CO to cmt @ 6,485'.
- 10) TTH w/tbg, rods & pmp. RWTP as a single zone.

Pressure test casing to 500# prior to commencing recompletion operations.

RCVD JUL 19 '13  
OIL CONS. DIV.

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

14. I hereby certify that the foregoing is true and correct Name (Printed/Typed) SHERRY J. MORROW	Title REGULATORY ANALYST
Signature <i>Sherry J. Morrow</i>	Date 4/4/2013
THIS SPACE FOR FEDERAL OR STATE OFFICE USE	
Approved by <i>[Signature]</i>	Title Pet. Eng.
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.	Date 5/15/13
	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.

OPERATOR  
NMOC  
AV

**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 &amp; Natural Resources Department

## OIL CONSERVATION DIVISION

1220 South St. Francis Dr.

Santa Fe, NM 87505

RECEIVED

APR 08 2013

Form C-102

Revised October 19, 2009

Submit one copy to appropriate

District Office

Farmington Field Office  
Bureau of Land Management

AMENDED REPORT

## WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number 30-045-33243		<sup>2</sup> Pool Code 97232	<sup>3</sup> Pool Name BASIN MANCOS
<sup>4</sup> Property Code 33982	<sup>5</sup> Property Name NEW MEXICO FEDERAL N		<sup>6</sup> Well Number #2F
<sup>7</sup> GRID No. 5380	<sup>8</sup> Operator Name XTO ENERGY INC.		<sup>9</sup> Elevation 5830'

<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
G	17	30N	12W		1980'	NORTH	2610'	EAST	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 MC: 320 ACRES	<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

324.90

	<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 <i>Sherry J. Morrow</i>	
	Printed Name SHERRY J. MORROW	
Title REGULATORY ANALYST		<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.  6/23/1984 Date of Survey Original Survey Signed By: <i>John A. Vukonich</i> 14831 Certificate Number
Date 4/4/2013		
Date of Survey		
Original Survey Signed By:		



# XTO - Wellbore Diagram

Well Name: New Mexico Federal N 02F

API/UWI	E/W Dist (ft)	E/W Ref	N/S Dist (ft)	N/S Ref	Location	Field Name	County	State
30045332430000	2,610.0	FEL	1,980.0	FNL	T30N-R12W-S17	Basin Dakota	San Juan	New Mexico
Well Configuration Type	XTO ID B	Orig KB Elev (ft)	IGr Elev (ft)	KB-Grd (ft)	Spud Date	PBTD (All) (ftKB)	Total Depth (ftKB)	Method Of Production
Vertical	77940	5,842.00	5,830.00	12.00	11/28/2005	Original Hole - 6620.0	7,000.0	Beam

Well Config: Vertical - Original Hole, 1/25/2013 5:45:05 PM

Schematic - Actual		Incl	ftKB (TYD)	ftKB (MD)	Zones											
					Zone	Top (ftKB)	Btm (ftKB)									
					Dakota	6,510.0	6,939.0									
					<b>Casing Strings</b>											
					Casing Description	OD (in)	Wt (lbs/ft)	String Grade	Top Connection	Set Depth (ftKB)						
					Surface	8 5/8	24.00	J-55		376.0						
					Casing Description	OD (in)	Wt (lbs/ft)	String Grade	Top Connection	Set Depth (ftKB)						
					Production	5 1/2	15.50	J-55		6,997.0						
					Item Description	OD (in)	Wt (lbs/ft)	Grade	Top (ftKB)	Bottom (ftKB)						
					DV Tool	5 1/2			4,006.0	4,008.0						
					<b>Cement</b>											
					Description	Type	String									
					Surface Casing Cement	casing	Surface, 376.0ftKB									
					Comment											
					BJ Svcs cmtd surf csg w/244 sx Type III cmt w/2% CC, & 1/4 pps celloflake (mixed @ 15.2 ppg & 1.28 cuft/sx). Circ 21 bbls cmt to surf.											
					Description	Type	String									
					Production Casing Cement	casing	Production, 6,997.0ftKB									
					Comment											
					MIRU BJ Svcs. Cmtd prod csg (1st stage) w/440 sx Prem Lite cmt w/2% gel, 1/4 pps celloflake, 0.2% dispersant, 0.5% FI loss, & 2% LCM (mixed @ 12.50 ppg & 2.01 cuft/sx) f/b 150 sx Type III cmt w/5% bond add, 1/4 pps celloflake, 0.3% dispersant, & 0.2% FI loss (mixed @ 14.2 ppg & 1.54 cuft/sx). Disp w/90 BFW. Drpd bomb & op DV tl. Circ 40 bbls cmt to surf. Cmtd 2nd stage w/540 sx Type III cmt w/8% gel, 1/4 pps celloflake, & 2% LCM (mixed @ 14.2 ppg & 1.39 cuft/sx) f/b 100 sx Type III neat cmt (mixed @ 14.5 ppg & 1.39 cuft/sx). Disp w/95 BFW. Drpd bomb & closed DV tl. Circ 25 bbls cmt to surf.											
					<b>Perforations</b>											
					Date	Top (ftKB)	Btm (ftKB)	Shot Dens (shots/ft)	Hole Diameter (in)	Phasing (°)	Curr... Status	Zone				
					5/9/2006	6,510.0	6,610.0				Ac...	Dakota				
					5/9/2006	6,627.0	6,701.0	2.0			Ab...	Dakota				
					3/17/2006	6,857.0	6,939.0	2.0			Ab...	Dakota				
					<b>Tubing Strings</b>											
					Tubing Description	Run Date	Set Depth (ftKB)									
					Tubing - Production		6,601.8									
					<b>Tubing Components</b>											
					Item Description	Jts	Model	OD (in)	Wt (lbs/ft)	Grade	Top Thread	Len (ft)	Top (ftKB)	Btm (ftKB)		
					Tubing	1	T&C Upset	2 3/8	4.70	J-55		32.95	12.0	44.9		
					Tubing Sub	1	T&C Upset	2 3/8	4.70	J-55		6.00	44.9	50.9		
					Tubing	191	T&C Upset	2 3/8	4.70	J-55		6,295.63	50.9	6,346.6		
					Anchor/catcherVW/...	1		2 3/8		J-55		3.40	6,346.6	6,350.0		
					Tubing	7	T&C Upset	2 3/8	4.70	J-55		230.75	6,350.0	6,580.7		
					Seat Nipple	1		2 3/8				1.10	6,580.7	6,581.8		
					OEMA w 1/4 Weephole & Pin	1		2 3/8	4.70	J-55		20.00	6,581.8	6,601.8		
					<b>Rods</b>											
					Rod Description	Run Date	String Length (ft)				Set Depth (ftKB)					
					Insert Pump		6,612.00				6,612.0					
					<b>Rod Components</b>											
					Item Description	Jts	Model	OD (in)	Grade	Len (ft)	Top (ftKB)	Btm (ftKB)				
					Polished Rod	1		1 1/4		22.00	0.0	22.0				
					Rod Sub	1		7/8	D	2.00	22.0	24.0				
					Rod Sub	1		7/8	D	6.00	24.0	30.0				
					Rod Sub	1		7/8	D	6.00	30.0	36.0				
					Rod Sub	1		7/8	D	8.00	36.0	44.0				
					Sucker Rod	85	WCN-78	7/8	D	2,125.00	44.0	2,169.0				
					Sucker Rod	165		3/4	D	4,125.00	2,169.0	6,294.0				

<

PBTD, 6,620

5 1/2" CIBP, 5,100, 6,620-6,622

Top (MD): 6,510, Des: Dakota

5 1/2" CIBP, 5,100, 6,840-6,843

TD, 7,000

## 28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr.	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	

## 28c. Production-Interval D

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr.	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	

29. Disposition of Gas (Sold, used for fuel, vented, etc.)

TO BE SOLD

## 30. Summary of Porous Zones (Include Aquifers):

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

## 31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
				OJO ALAMO SS	486
				FARMINGTON SS	800
				FRUITLAND FMT	1641
				LWR FRUITLAND COAL	1794
				PICTURED CLIFFS SS	1996
				LEWIS SHALE	2187
				CHACRA SS	3033
				CLIFFHOUSE SS	3672
				MENEFEE	3712
				PT LOOKOUT SS	4350
				GALLUP SS	5640
				GREENHORN LS	6394
				DAKOTA	6491
				BURRO CANYON SS	6722
				MORRISON FMT	6771

32. Additional remarks (include plugging procedure):

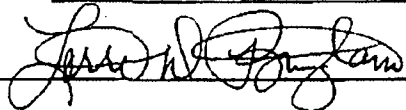
## 33. Indicate which items have been attached by placing a check in the appropriate boxes:

- ☐ Electrical/Mechanical Logs (1 full set req'd)
 ☐ Geologic Report
 ☐ DST Report
 ☐ Directional Survey
- ☐ Sundry Notice for plugging and cement verification
 ☐ Core Analysis
 ☐ Other

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)\*

Name (please print) LORRI D. BINGHAMTitle REGULATORY COMPLIANCE TECH

Signature


Date 5/26/06

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.