

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

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

AUG 02 2013

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter Farmington Field Or
abandoned well. Use Form 3160-3 (APD) for such proposals of Land Management

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)

1780' FSL & 670' FWL NWSW SEC.8 (L) -T30N-R12W

5. Lease Serial No.

NMN0498

6. If Indian, Allottee or Tribe Name

BIA

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

8. Well Name and No.

SCHUMACHER #2F

9. API Well No.

30-045-33176

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

- ☒ Notice of Intent
☐ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- | | | | |
|---|---|--|--|
| <input type="checkbox"/> Acidize | <input type="checkbox"/> Deepen | <input type="checkbox"/> Production (Start/Resume) | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Alter Casing | <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Reclamation | <input type="checkbox"/> Well Integrity |
| <input type="checkbox"/> Casing Repair | <input type="checkbox"/> New Construction | <input checked="" type="checkbox"/> Recomplete | <input checked="" type="checkbox"/> Other <u>RC BASIN MC</u> |
| <input type="checkbox"/> Change Plans | <input type="checkbox"/> Plug and Abandon | <input type="checkbox"/> Temporarily Abandon | <u>SET CIBP DK & PWOP</u> |
| <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 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 set a CIBP above the Basin Dakota perms fr/6596' - 6777', recompleate the Basin Mancos formation and test the Mancos for DHC allocations. XTO will recompleate the MC as follows:

- 1) Set CIBP @ 6,565' (new PBTD).
- 2) Perf MC fr/6,265' - 6,330' (.34" diam, 21 holes).
- 3) ED perms w/1,000 gals 15% NEFE HCl acid.
- 4) Frac MC perms w/63,000 gals 65Q N2 foam XL gel carrying 110,000# sd.
- 5) CO to PBTD @ 6,565'.
- 6) TIH w/tbg, rods & pmp. EOT @ +/-6,430'.

Returning only the Mancos to production on pmp. An application to DHC will be submitted at a later date and XTO will obtain the DHC order before commingling.

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

RCVD AUG 16 '13
OIL CONS. DIV.
DIST. 3

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

SHERRY J. MORROW

Title

REGULATORY ANALYST

Signature

Date

8/1/2013

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date

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.

NMOCDA

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

RECEIVED

AUG 02 2013

Farmington Field Office
Bureau of Land Management

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 30-045-33176	² Pool Code 97232	³ Pool Name BASIN MANCOS
⁴ Property Code 34928	⁵ Property Name SCHUMACHER	⁶ Well Number 2F
⁷ OGRID No. 5380	⁸ Operator Name XTO ENERGY INC.	⁹ Elevation 5900'

¹⁰ Surface Location

UL or lot no. L	Section 8	Township 30N	Range 12W	Lot Idn 12	Feet from the 1780'	North/South line SOUTH	Feet from the 670'	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 RCVD AUG 16 '13	County
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¹² Dedicated Acres MC: 320 AC	¹³ Joint or Infill 318,40	¹⁴ Consolidation Code	¹⁵ Order No.	OIL CONS. DIV. DIST. 3
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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

BASIN MANCOS 8				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 <i>Sherry J. Morrow</i> Printed Name SHERRY J. MORROW Title REGULATORY ANALYST Date 8/1/2013
				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 14831 Certificate Number



XTO - Wellbore Diagram

Well Name: Schumacher 02F

API/UWI	E/W Dist (ft)	E/W Ref	N/S Dist (ft)	N/S Ref	Location	Field Name	County	State
30045331760000	670.0	FWL	1,780.0	FSL	T30N-R11W-S08	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	96594	5,912.00	5,900.00	12.00	10/13/2005	Original Hole - 6990.0	7,042.0	Plunger Lift

Well Config: Vertical - Original Hole, 1/19/2013 12:45:56 PM

Schematic - Actual		Incl	ftKB (TVD)	ftKB (MD)	Zones									
					Zone	Top (ftKB)	Btm (ftKB)							
					Dakota	6,596.0	6,777.0							
				12	Casing Strings									
				12	Casing Description	OD (in)	Wt (lbs/ft)	String Grade	Top Connection	Set Depth (ftKB)				
				12	Surface	8 5/8	24.00	J-55	ST&C	374.0				
				373	Casing Description	OD (in)	Wt (lbs/ft)	String Grade	Top Connection	Set Depth (ftKB)				
				373	Production	5 1/2	15.50	J-55	LT&C	7,036.4				
				374	Item Description	OD (in)	Wt (lbs/ft)	Grade	Top (ftKB)	Bottom (ftKB)				
				374	DV Tool	5 1/2			3,810.6	3,812.8				
				380	Cement									
				380	Description	Type		String						
				504	Surface Casing Cement	casing		Surface, 374.0ftKB						
				504	Comment									
				1,695	Cmtd surf csg w/263 sx Type III cmt w/2% CaCl2 & 1/4 pps flosele (mixed @ 15.20 ppg & 1.28 cuft/sx). Circ 21 bbls cmt to surf.									
				1,866	Description	Type		String						
				1,866	Production Casing Cement	casing		Production, 7,036.4ftKB						
				2,080	Comment									
				3,233	Cmtd prod csg (1st stage) w/411 sx Type III/Poz/Gel cmt w/2% CaCl2, 0.2% dispursment, 0.2% fl, & 1/4 pps cello (mixed @ 12.5 ppg & 2.01 cuft/sx) followed by 150 sx Type III cmt w/5% bonding additive, 2% LCM, & 1/4 pps cello (mixed @ 14.2 ppg & 1.54 cuft/sx). Circ 55 bbls cmt to surf. Cmtd 2nd stage w/435 sx Type III cmt w/8% gel, 2% LCM, & 1/4 pps cello (mixed @ 11.9 ppg & 2.54 cuft/sx) followed by 100 sx Type III cmt (mixed @ 14.5 ppg & 1.39 cuft/sx). Circ 105 bbls cmt to surf.									
				3,757										
				3,811										
				3,811										
				3,813	Perforations									
				3,817	Date	Top (ftKB)	Btm (ftKB)	Shot Dens (shots/ft)	Hole Diameter (in)	Phasing (*)	Cur... Status	Zone		
				4,440	12/16/2005	6,596.0	6,689.0	1.0	0.340		Ac...	Dakota		
				4,440	12/15/2005	6,746.0	6,777.0	3.0	0.340		Ac...	Dakota		
				5,718										
				6,474	Tubing Strings									
				6,474	Tubing Description	Run Date			Set Depth (ftKB)					
				6,474	Tubing - Production	1/16/2013			6,625.5					
				6,478	Tubing Components									
				6,493	Item Description	Jts	Model	OD (in)	Wt (lbs/ft)	Gra...	Top Thread	Len (ft)	Top (ftKB)	Btm (ftKB)
				6,561	Tubing	199	T&C Upset	2 3/8	4.70	J-55		6,549.19	12.0	6,561.2
				6,588	Tubing	2	T&C Upset	2 3/8	4.70	J-55		63.12	6,561.2	6,624.3
				6,596	Seat Nipple	1		2 3/8				0.75	6,624.3	6,625.1
				6,624	Notched Collar	1		2 3/8				0.40	6,625.1	6,625.5
				6,625	Rods									
				6,625	Rod Description	Run Date			String Length (ft)		Set Depth (ftKB)			
				6,625										
				6,689	Rod Components									
				6,689	Item Description	Jts	Model	OD (in)	Grade	Len (ft)	Top (ftKB)	Btm (ftKB)		
				6,746										
				6,777	Stimulations & Treatments									
				6,777	Frac Start Date	Top Perf (ft...)	Bottom Pe...	V (slurry) (...)	Total Prop...	AIR (b...	ATP (psi)	MTP (psi)	ISIP (psi)	
				6,777	12/16/2005	6746	6777		29,100.0	21	3,332.0		3,322.0	
				6,797	Comment									
				6,836	A. w/500 gals 15% FE HCl ac & 31 - 7/8" 1.1 SG Bio-BS. F. w/32,300 gals 20# Delta 200 frac fluid (20# - 25# gel, borate XL, 2% KCl wtr - inc gel to 25# gel during 2 ppg stg) carrying 29,100# 20/40 sd (10,800# 20/40 Ottawa sd + 18,100# 20/40 SLC sd. Max BH sd conc 2 ppg.									
				6,990										
				6,990	Frac Start Date	Top Perf (ft...)	Bottom Pe...	V (slurry) (...)	Total Prop...	AIR (b...	ATP (psi)	MTP (psi)	ISIP (psi)	
				6,990	12/16/2005	6596	6689		99,200.0	25	2,037.0		1,496.0	
				7,036	Comment									
				7,036	A. w/1,000 gals 15% HCl ac carrying 30 - 7/8" 1.1 BS. F. w/59,204 gals (BH foam vol) 70Q, 25# Purgel III LT CO2 foam frac fld (zirconium XL, 25# guar gel, 2% KCl wtr) carrying 99,200# 20/40 sd (70,300# 20/40 Ottawa sd + 28,900# 20/40 SLC sd. BH sd conc on last stg ave 4.2 ppg.									
				7,042										

</

Top (MD):6,596,
Des.Dakota

PBTD,
6,990

TD, 7,042

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	504
				FRUITLAND FMT	1695
				LWR FRUITLAND COAL	1866
				PICTURED CLIFFS SS	2080
				CHACRA SS	3233
				CLIFFHOUSE SS	3757
				MENEFEE	3817
				PT LOOKOUT SS	4440
				GALLUP SS	5718
				GREENHORN LS	6474
				DAKOTA	6588
				BURRO CANYON SS	6797
				MORRISON FMT	6836

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) HOLLY C. PERKINSTitle REGULATORY COMPLIANCE TECHSignature Holly C. PerkinsDate 1/11/2006

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.