

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires November 30, 2000

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.

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well  
☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator  
XTO Energy Inc.

3a. Address 3b. Phone No. (include area code)  
2700 Farmington Ave., Bldg. K. Ste 1 Farmington, NM 87401

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

660' FNL & 660' FE1 Sec 18, T27N, R08W

5. Lease Serial No.

NM - 03380

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.

Florance #66F

9. API Well No.

30-045-31016

10. Field and Pool, or Exploratory Area

Blanco Mesaverde

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 type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other <u>Change to</u>
<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	<u>drilling procedure</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 approximated duration thereof. If the proposal is to deepen directionally or recompleat 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 recompleat 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.)

Due to recent approval by the NMOCD for 80 acre infill Dakota well spacing, XTO Energy has elected to drill the above mentioned well to the Dakota formation. A revised drilling program is attached for you review. The revised program will indicate the new total depth, casing design and cement. New plats showing the new well name and dedications are also enclosed for the well files.

14. I hereby certify that the foregoing is true and correct  
Name (Printed/Typed)  
Jeffrey W Patton

*Jeffrey W Patton*

Title

Drilling Engineer

Date 4/11/02

THIS SPACE FOR FEDERAL OR STATE AGENCY USE ONLY

Approved by

*Jim Lovato*

Title

*Petr. Eng.*

Date

4/23/02

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

BLM EFO

Title 18 U.S.C. Section 1001, 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.

(Instructions on reverse)

# XTO ENERGY INC.

Florance #66F

APD Data

April 10, 2002

Surface Location: 660' FNL & 660' FEL, Sec 18, T27N, R08W County: San Juan State: New Mexico

PROJECTED TOTAL DEPTH: ±7,675'  
GR ELEV: 6,803'

OBJECTIVE: Dakota/Mesaverde/Chacra  
Est KB ELEV: 6,816' (13' AGL)

## 1. MUD PROGRAM:

INTERVAL	0' to 265'	265' to 3,150'	3,150' to TD
HOLE SIZE	12-1/4"	8-3/4"	6-1/4"
MUD TYPE	FW/Native Mud	FW/Polymer	Air/Foam
WEIGHT	8.6-8.8	8.6-9.0	
VISCOSITY	28-32	29-34	
WATER LOSS	NC	NC	

Remarks: Use fibrous materials as needed to control seepage and lost circulation. Pump high viscosity sweeps as needed for hole cleaning. RU air compressors after setting the intermediate csg. Drill with air or foam to TD.

## 2. CASING PROGRAM:

Surface Casing: 9-5/8" casing to be set at ± 265' in 8.6 ppg mud

Interval	Length	Wt	Gr	Cplg	Coll Rating (psi)	Burst Rating (psi)	Jt Str (M-lbs)	ID (in)	Drift (in)	SF Coll	SF Burst	SF Ten
0'-265'	265'	32.3#	H-40	STC	1370	2270	254	9.001	8.972	5.98	5.68	15.73

Intermediate Casing: 7" casing to be set at ±3,150' (MD) 3,150' (TVD) in 9.0 ppg mud.

Interval	Length	Wt	Gr	Cplg	Coll Rating (psi)	Burst Rating (psi)	Jt Str (M-lbs)	ID (in)	Drift (in)	SF Coll	SF Burst	SF Ten
0'-3,150' (MD)	3,150'	20.0#	J-55	STC	2257	3740	234	6.456	6.331	1.15	1.31	2.57

Production Casing: 4-1/2" casing to be set at 7,675' in air.

Interval	Length	Wt	Gr	Cplg	Coll Rating (psi)	Burst Rating (psi)	Jt Str (M-lbs)	ID (in)	Drift (in)	SF Coll	SF Burst	SF Ten
0'-7,675'	7,675'	10.5#	J-55	STC	4010	4790	132	4.052	3.927	1.33	1.20	1.90

APR 23 2002

FARMINGTON FIELD OFFICE

BY



3. WELLHEAD:

- A. Bradenhead: 9-5/8" x 7" 2,000 psig WP (4,000 psig test).  
Casinghead: 7" x 4-1/2" 3,000 psig WP (6,000 psig test).

4. CEMENT PROGRAM (Slurry design may change slightly, but the plan is to circulate cement to surface on both casing strings):

- A. Surface: 9-5/8", 32.3#, H-40, STC casing to be set at  $\pm 265'$ .

Lead: 140 sx of Class "B" (Standard) cement containing 2%  $\text{CaCl}_2$ , 1/4 pps celloflake, mixed at 15.6 ppg, 1.18 ft<sup>3</sup>/sk, & 5.20 gal wtr/sk.

*Total slurry volume is 166 ft<sup>3</sup>, 100% excess of calculated annular volume to 265'.*

- B. Intermediate: 7", 20.0#, J-55, STC casing to be set at  $\pm 3,095'$  (TVD)  $\pm 3,150'$  (MD).

Lead: 225 sx of Class "B" (Standard) cement containing  $\pm 3\%$  extender, 1/4 pps celloflake and 2%  $\text{CaCl}_2$  mixed at 11.4 ppg, 2.88 ft<sup>3</sup>/sk, 17.89 gal wtr/sx.

Tail: 50 sx of Class "B" (Standard) cement containing 1/4 pps celloflake and 2%  $\text{CaCl}_2$  mixed at 15.6 ppg, 1.18 ft<sup>3</sup>/sk, 5.20 gal wtr/sx.

*Total slurry volume is 707 ft<sup>3</sup>, circulated to surface. This value is 50% (excess) over gage hole volume.*

- C. Production: 4-1/2", 10.5#, J-55, STC casing to be set at  $\pm 7,675'$ .

Lead: 225 sx of Class "H" Premium Lite High Strength (65/35/6), 1/4 pps celloflake, 2% KCl, 0.5% fluidloss, 0.2% dispersant & 2% Phenoseal mixed at 12.5 ppg, 2.01 ft<sup>3</sup>/sk, 10.12 gal wtr/sx.

Tail: 150 sx of Class "H" Premium cement containing 4% gel (extender), 1/4 pps celloflake, 0.5% fluidloss, 0.2% dispersant and 2% Phenoseal mixed at 14.7 ppg, 1.38 ft<sup>3</sup>/sk, 6.70 gal wtr/sx..

*Total estimated slurry volume for the 4-1/2" production casing is 657 ft<sup>3</sup> for 4,750' of fill. Est. TOC should be @ 2,950'. 35% (excess) over gage hole volume has been added to the number of sacks indicated..*

*Note: The slurry design may change slightly based upon actual conditions. Final cement volumes will be determined for the caliper logs plus 35%..*

APR 23 2002

5. LOGGING PROGRAM:

- A. Mud Logger: The mud logger will come on the hole from 3,500' to TD (7,675'). FIELD OFFICE
- B. Open Hole Logs as follows: Run Dual Induction/MSFL/GR/CAL/SP/CNL/LDT (lithodensity) from TD to the bottom of the intermediate csg (@  $\pm 3,150'$  MD). Run FMI log from TD to 7,175'. Run cased hole GR/CCL from TD to surface.

6. FORMATION TOPS:

Formation	Subsea Depth	Well Depth (MD)
Ojo Alamo SS	+4806'	2012'
Kirtland Shale	+4758'	2060'
Farmington Sanstone	+4665'	2153'
Fruitland Formation	+4162'	2656'
Lower Fruitland Coal	+3993'	2825'
Pictured Cliffs SS	+3940'	2878'
Lewis Shale	+3807'	3011'
Chacra Sandstone	+3018'	3800'
Cliffhouse SS	+2364'	4454'
Menefee	+2219'	4599'
Point Lookout SS	+1671'	5147'
Mancos Shale	+1335'	5483'
Gallup Sandstone	+478'	6340'
Greenhorn Limestone	-303'	7121'
Graneros Shale	-362'	7180'
1 <sup>st</sup> Dakota	-403'	7221'
2 <sup>nd</sup> Dakota	-426'	7244'
3 <sup>rd</sup> Dakota	-476'	7294'
4 <sup>th</sup> Dakota	-539'	7357'
5 <sup>th</sup> Dakota	-558'	7376'
6 <sup>th</sup> Dakota	-611'	7429'
Burro Canyon Ss	-654'	7472'
Morrison	-698'	7516'
Projected TD	-857'	7675'

7. COMPANY PERSONNEL:

Name	Title	Office Phone	Home Phone
Jeff Patton	Drilling Engineer	505-324-1090	505-632-7882
Dennis Elrod	Drilling Foreman	505-486-6460 cell	505-326-2024
Randy Hosey	Project Geologist	817-885-2398	817-427-2475
Barry Voigt	Reservoir Engineer	817-885-2462	817-540-2092

JWP

4/10/02

APR 23 2002  
 FARMINGTON FIELD OFFICE  
 E. [Signature]

DISTRICT IV  
2040 South Pacheco, Santa Fe, NM 87505

Certificate Number

DISTRICT I  
1625 N. French Dr., Hobbs, N.M. 88240

DISTRICT II  
811 South First, Artesia, N.M. 88210

DISTRICT III  
1000 Rio Brazos Rd., Aztec, N.M. 87410

DISTRICT IV  
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals & Natural Resources Department

Form C-102  
Revised August 15, 2000

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

OIL CONSERVATION DIVISION  
2040 South Pacheco  
Santa Fe, NM 87505

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number	<sup>2</sup> Pool Code 82329	<sup>3</sup> Pool Name OTERO CHACRA
<sup>4</sup> Property Code	<sup>5</sup> Property Name FLORANCE	<sup>6</sup> Well Number 66F
<sup>7</sup> OGRID No. 167067	<sup>8</sup> Operator Name XTO ENERGY INC.	<sup>9</sup> Elevation 6803'

<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
A	18	27-N	8-W		660	NORTH	660	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
<sup>12</sup> Dedicated Acres 160 NE/4			<sup>13</sup> Joint or Infill		<sup>14</sup> Consolidation Code		<sup>15</sup> Order No.		

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

16	QTR. CORNER FD 2 1/2" BC BLM 1955	N 87-52-39 W 2589.6'	SEC. CORNER FD 2 1/2" BC BLM 1955
LOT 1			660'
			635'
LOT 2		LAT: 36°34'49" N. LONG: 107°42'57" W	660'
			674'
LOT 3			5336.4'
			S 00-20-27 W
LOT 4			

APR 23 2002  
SARINGTON FIELD OFFICE  
SEC. CORNER  
FD 2 1/2" BC  
BLM 1955

17 OPERATOR CERTIFICATION

I hereby certify that the information contained herein  
is true and complete to the best of my knowledge and  
belief

Signature

JEFFREY W PATTON

Printed Name

DRILLING ENGINEER

Title

4-11-02

Date

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  
and correct to the best of my belief

Date of Survey 14827

Signature and Seal of Professional Surveyor

14827

Certificate Number

DISTRICT II  
811 South First, Artesia, N.M. 88210

DISTRICT III  
1000 Rio Brazos Rd., Aztec, N.M. 87410

DISTRICT IV  
2040 South Pacheco, Santa Fe, NM 87505

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

☐ AMENDED REPORT

## OIL CONSERVATION DIVISION

2040 South Pacheco  
Santa Fe, NM 87505

## WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number		2 Pool Code 72319		3 Pool Name BLANCO MESAVERDE	
4 Property Code		5 Property Name FLORANCE			6 Well Number .66F
7 OGRID No. 167067		8 Operator Name XTO ENERGY INC.			9 Elevation 6803'

<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
A	18	27-N	8-W		660	NORTH	660	EAST	SAN JUAN

"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
12 Dedicated Acres 370		E/2		13 Joint or Infill I		14 Consolidation Code		15 Order No.	

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

OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE ENGINEER		17 OPERATOR CERTIFICATION	
16	QTR. CORNER FD 2 1/2" BC BLM 1955	N 87-52-39 W 2589.6'	SEC. CORNER FD 2 1/2" BC BLM 1955
			660' 660' 635' 674'
LOT 1			
LOT 2	LAT: 36°34'49" N. LONG: 107°42'57" W.	5336.4'	Signature <u>J. W. Patton</u>
			Printed Name <u>JOSEPH W PATTON</u>
LOT 3	18	S 60-20-27 W	Title <u>DRILLING ENGINEER</u>
			Date <u>4-11-02</u>
LOT 4	APR 23 2002 FARMINGTON FIELD OFFICE	SEC. CORNER FD 2 1/2" BC BLM 1955	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 and correct to the best of my belief.
			Date of Survey <u>14827</u>
			Signature and Seal of Professional Surveyor: <u>[Signature]</u>
			14827
			Certificate Number