

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

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

MAY 14 2009

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.

Bureau of Land Management
Farmington Field Office

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)

505-333-3100

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

1900' ENL & 890' FEL SENE SEC. 33 (H) -T27N-R6W N.M.P.M.

5 Lease Serial No.

NM-03547

6 Indian, Allottee or Tribe Name

NA

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

NA

8 Well Name and No

BREECH F #16

9 API Well No

30-039-29998

10 Field and Pool, or Exploratory Area

BASIN DAKOTA

11 County or Parish, State

RIO ARRIBA

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☐ Deepen☐ Production (Start/Resume)☐ Water Shut-Off☐ Alter Casing☐ Fracture Treat☐ Reclamation☐ Well Integrity☐ Casing Repair☐ New Construction☒ Recomplete☒ Other BASIN MANCOS☐ Change Plans☐ Plug and Abandon☐ Temporarily Abandon☐ Convert to Injection☐ Plug Back☐ 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. proposes to recompleate this well to the Basin Mancos Pool and will DHC with the existing Basin Dakota Pool after testing. Please see the attached procedure, C102 MC Plat, and formation tops.

RCVD MAY 18 '09

OIL CONS. DIV.

DIST. 3

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

BARBARA CONDER

Title REGULATORY CLERK

Signature

Barbara Conder

Date 05/13/2009

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Original Signed: Stephen Mason

Title

Date

MAY 15 2009

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.

LWF: _____
TWD: _____
DLC: _____

BREECH F #16
SEC 33, T 27 N, R 06 W
RIO ARRIBA COUNTY, NEW MEXICO

OAP in TOCITO

Formation: Basin Dakota
Surface csg: 9-5/8", 36#, J-55 csg @ 408'. Circ cmt to surf.
Production csg: 5-1/2", 17# & 15.5#, K-55 csg @ 7,713'. Did not circ cmt to surf on sec
stg. PBTD 7,707'.
Perfs: 7,378'-7,603' (40 holes).
Tbg: 2-3/8" tbg @ 7,572'.
Current Status: F. 0.6 BO, 0 BW, 132 MCFPD

1. MI and set Lufkin C 228-246-86 pumping unit with C-96 gas engine. Set stroke length at 76" (2nd hole).
2. MIRU PU. Check and record tubing, casing, and bradenhead pressures.
3. MI 4 – 400 bbl frac tanks, flowback tank and 10 jts 2-3/8", 4.7#, J-55, EUE, 8rd tubing.
4. Blow well down and kill well with 2% KCl water.
5. ND WH. NU and pressure test BOP.
6. TIH with 2-3/8" tubing to PBTD at 7,707' and tag fill. Report any fill to Loren Fothergill.
7. TOH with 2-3/8" tubing. TIH with bit, scrapper and tubing to 7,310'. TOH with tubing, scrapper and bit.
8. TIH with 5-1/2" RBP and 2-3/8" tubing. Set RBP at 7,300'. TOH with 2-3/8" tubing. RDMO PU.
9. MI and set Wellhead Isolation Tool.
10. MIRU Halliburton acid and frac equipment. Load hole with 2% KCl water. Pressure test casing and RBP to 3,850 psig for 10 minutes.
11. Perforate Tocito with 3-1/8" casing guns from 6,907'-20' with 3 JSPF (Owen HSC 3125-302, 10 gm charges, 0.34" dia., 21.42" pene., 39 holes). RD Wireline trucks.
12. BD TO perforations from 6,907'-20' with 1,000 gals 15% HCl acid. Flush with 7,045 gals 2% KCl water (3 bbls over flush). Record ISIP, 5", 10" and 15" SIP's.
13. RU Halliburton frac equipment. Frac the Tocito perforations from 6,907'-20' down 5-1/2" casing at 30 BPM with 38,000 gals 70Q CO2 foamed 20# linear gelled 2% KCl water and

24,000# 20-40 Ottawa sand with 18,000# 20-40 Super LC resin coated sand in 3 ppg stage as follows:

| Stage | BPM | Fluid | Vol Gals | Prop Conc | Prop |
|-------|-----|----------------|----------|-----------|-------------------------|
| Pad | 30 | 20# 70Q foam | 8,000 | | |
| 2 | 30 | 20# 70Q foam | 8,000 | 1 | 8,000# 20/40 Ottawa sd |
| 3 | 30 | 20# 70Q foam | 8,000 | 2 | 16,000# 20/40 Ottawa sd |
| 4 | 30 | 20# 70Q foam | 6,000 | 3 | 18,000# 20/40 SLC sd |
| Flush | 30 | 20# linear gel | 6,863 | | |

14. SWL. RD Halliburton. RU WL. Set RBP at 6,820'. Pressure test RBP to 2,000 psig. Release pressure.
15. Perforate Mancos with 3-1/8" select fire casing guns from 6,714'-6,745' with 1 JSP2F and 6,752'-58' with 2 JSPF (Owen HSC 3125-302, 10 gm charges, 0.34" dia., 21.42" pene., 28 holes).
16. RU frac equip. BD MC perfs from 6,714'-58' and EIR with 2% KCl water. Acidize with 1,200 gals of 15% NEFE HCl acid and 42- 7/8" bio BS at 10 BPM down 5-1/2" casing. Max TP 3,850 psig. Flush with 6,882 gals 2% KCl water (3 bbls over flush). Record ISIP, 5", 10" and 15" SIP's. RDMO WL truck.
17. Frac the Mancos perforations from 6,714'-58' down 5-1/2" casing at 30 BPM with 49,000 gals 70Q CO2 foamed 20# linear gelled 2% KCl water and 61,000# 20-40 Ottawa sand with 21,000# 20-40 Super LC resin coated sand in 3 ppg stage as follows:

| Stage | BPM | Fluid | Vol Gals | Prop Conc | Prop |
|-------|-----|----------------|----------|-----------|-------------------------|
| Pad | 40 | 20# 70Q foam | 10,000 | | |
| 2 | 40 | 20# 70Q foam | 10,000 | 1 | 10,000# 20/40 Ottawa sd |
| 3 | 40 | 20# 70Q foam | 15,000 | 2 | 30,000# 20/40 Ottawa sd |
| 4 | 40 | 20# 70Q foam | 7,000 | 3 | 21,000# 20/40 Ottawa sd |
| 5 | 40 | 20# 70Q foam | 7,000 | 3 | 21,000# 20/40 SLC sd |
| Flush | 40 | 20# 70Q foam | 5,586 | | |
| Flush | 30 | 20# linear gel | 1,000 | | |

18. Open well up and flow back well thru a choke manifold to flowback tank. Start with 8/64" ck. Increase choke size as appropriate.
19. Upon well loading up. MIRU PU. ND WH. NU BOP.
20. MIRU AFU. TIH with retrieving tool, SN and 2-3/8" tubing. CO sand to RBP at 6,820'. TOH with RBP and tubing. RU AFU.
21. TIH with 30' x 2-3/8" OEMA with 3/16" weep hole, SN, 12 jts 2-7/8" tbg, 2-3/8" x 5-1/2" TEC TCA and ±187 jts 2-3/8" tubing to surface. Land tubing at ±7,000'. SN at ±7,020'.
22. RU swab line. Swab well until well KO flowing or clean fluid is obtained. RD swab line.

23. TIIH with 2" x 1-1/2" x 14' RWAC-DV pump with 6' x 3/4" GA, spiral rod guide, RHBO tool, 1" x 1' lift sub, 3 – 1-1/2" Flexbar C sinker bars, 153 – 3/4" grade "D" rods and 124 – 7/8" grade "D" rods with 4 guides per rod to surface. Blew down well. RU AFU.
24. RDMO PU. Flow and test well as necessary. Report rates and pressures to Loren Fothergill. Produce well for 1 month to obtain data for DHC Tocito and Dakota formations.
25. MIRU PU.
26. Blow well down and kill well with 2% KCl water.
27. ND WH NU and pressure test BOP.
28. TOH with rods, pump and production string.
29. TIIH with retrieving tool and tubing. CO to RBP at 7,300'. TOH with tubing and RBP. TIIH with NC, SN and tubing. CO to PBTD at 7,707'. RDMO AFU.
30. TOH with BHA.
31. TIIH with 30' x 2-3/8" OEMA with 3/16" weep hole, SN, 12 jts 2-7/8" tbg, 2-3/8" x 5-1/2" TEC TCA and ±206 jts 2-3/8" tubing to surface. Land tubing at ±7,650'. SN at ±7,620'.
32. RU swab line. Swab well until well KO flowing or clean fluid is obtained. RD swab line.
33. TIIH with 2" x 1-1/2" x 14' RWAC-DV pump with 6' x 3/4" GA, spiral rod guide, RHBO tool, 1" x 1' lift sub, 4 – 1-1/2" Flexbar C sinker bars and 301 – 3/4" Norris grade 96 rods to surface.
34. RDMO PU. Flow and test well as necessary. Report rates and pressures to Loren Fothergill

REGULATORY REQUIREMENTS:

1. Pit Permit C-144 CLEZ Required.
2. BLM and NMOCD approval to open additional pay in the Tocito formation and DHC TO and DK formations.

SERVICES:

1. Halliburton Frac.
2. Perforating company: Blue Jet.
3. Wellhead Isolation Tool.

EQUIPMENT LIST.

1. Lufkin PPG: C 228-246-86 with C-96 gas engine.
2. Tbg: 10 jts 2-3/8", 4.7#, J-55, EUE, 8rd tbg, 30' x 2-3/8" OEMA with 3/16" weep hole and 2-3/8" x 5-1/2" TEC TCA.
3. Rods and pump: 2" x 1-1/2" x 14' RWAC-DV pump with 6' x 3/4" GA, spiral rod guide, RHBO tool, 1" x 1' lift sub, 4 – 1-1/2" Flexbar C sinker bars and 301 – 3/4" Norris grade 96 rods to surface.

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 30-039-2998 | ² Pool Code 97232 | ³ Pool Name BASIN MANCOS |
| ⁴ Property Code 304754 | ⁵ Property Name BREECH F | ⁶ Well Number #16 |
| ⁷ OGRID No. 5380 | ⁸ Operator Name XTO Energy, Inc. | ⁹ Elevation 6633' GL |

¹⁰Surface Location

| UL or lot no. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|------------|
| H | 33 | 27-N | 6-W | | 1900' | NORTH | 890' | EAST | RIO ARriba |

¹¹Bottom 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 MC 320 acres | ¹³ Joint or Infill | 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

| | |
|--|---|
| | ¹⁷ 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. |
| | |
| | BARBARA CONDER Printed Name REGULATORY CLERK Title 05/13/2009 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 & correct to the best of my belief. |
| | 6/23/1984 Date of Survey Original Survey Signed By: John A Vukonich 14831 Certificate Number |

Breech F #16

30045340990000

Sec 33, T27N, R6W

FINAL FORMATION TOPS

GR Elevation: 6633 Est: Surveyed: XX

KB Elevation: 6645 Est: Actual: XX

| FORMATION | Sub-Sea Elev. | WELL DEPTH | FORMATION | Sub-Sea Elev. | WELL DEPTH |
|----------------------|------------------|---------------|----------------------------|------------------|---------------|
| Ojo Alamo SS | | 2,466 | Gallup Ss** | 149 | 6,496 |
| Kirtland Shale | | 2,596 | Greenhorn Ls | -637 | 7,282 |
| Farmington SS | | | Graneros Sh | -699 | 7,344 |
| Fruitland Formation | 3849 | 2,796 | 1 ST Dakota Ss* | -726 | 7,371 |
| Lower Fruitland Coal | 3537 | 3,108 | 2 ND Dakota Ss* | -776 | 7,421 |
| Pictured Cliffs SS | 3509 | 3,136 | 3 RD Dakota Ss* | -824 | 7,469 |
| Lewis Shale | 3365 | 3,280 | 4 TH Dakota Ss* | -860 | 7,505 |
| Chacra SS | 2591 | 4,054 | 5 TH Dakota Ss* | -896 | 7,541 |
| Cliffhouse SS | 1815 | 4,830 | 6 TH Dakota Ss* | -934 | 7,579 |
| Menefee | 1735 | 4,910 | Burro Canyon Ss* | -974 | 7,619 |
| Point Lookout SS | 1260 | 5,385 | Morrison Fm | | |
| Mancos Shale | 890 | 5,755 | Total Depth | -1068 | 7,713 |