

Submit 3 Copies To Appropriate District Office  
District I  
1625 N. French Dr., Hobbs, NM 87240  
District II  
1301 W. Grand Ave., 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 and Natural Resources

OIL CONSERVATION DIVISION  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Form C-103  
May 27, 2004

RCVD NOV 17 2006  
OIL CONS. DIV.  
DIST. 3

WELL API NO.  
30-045-25543

5. Indicate Type of Lease

STATE ☐ FEE ☒

6. State Oil & Gas Lease No.

7. Lease Name or Unit Agreement Name:  
FEE

8. Well Number

#4A

9. OGRID Number

5380

10. Pool name or Wildcat

BLANCO RESERVOIR

SUNDRY NOTICES AND REPORTS ON WELLS  
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well:

Oil Well ☐ Gas Well ☒ Other

2. Name of Operator

XTO Energy Inc.

3. Address of Operator

2700 Farmington Ave., Bldg. K, Ste 1, Farmington, NM 87401

4. Well Location

Unit Letter L; 1850 feet from the SOUTH line and 955 feet from the WEST line

Section 04 Township 30N Range 11W NMPM County SAN JUAN

11. Elevation (Show whether DR, RKB, RT, GR, etc.)

Pit or Below-grade Tank Application ☐ or Closure ☐

Pit type \_\_\_\_\_ Depth to Groundwater \_\_\_\_\_ Distance from nearest fresh water well \_\_\_\_\_ Distance from nearest surface water \_\_\_\_\_

Pit Liner Thickness: \_\_\_\_\_ mil Below-Grade Tank: Volume \_\_\_\_\_ bbls; Construction Material \_\_\_\_\_

12. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐

TEMPORARILY ABANDON ☐ CHANGE PLANS ☐

PULL OR ALTER CASING ☐ MULTIPLE COMPLETION ☐

OTHER: REPAIR BRADENHEAD ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐

COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDONMENT ☐

CASING TEST AND CEMENT JOB ☐

OTHER: ☐

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

XTO Energy Inc. requests permission to repair failed bradenhead per the attached procedure.

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-grade tank has been/will be constructed or closed according to NMOC guidelines ☐ , a general permit ☐ or an (attached) alternative OCD-approved plan ☐

SIGNATURE Lorri D. Bingham TITLE REGULATORY COMPLIANCE TECH DATE 11/17/06

Type or print name LORRI D. BINGHAM

E-mail address: Regulatory@xtoenergy.com

Telephone No. 505-324-1090

For State Use Only

APPROVED BY H. Villanueva TITLE DEPUTY OIL & GAS INSPECTOR, DIST. 3 DATE NOV 17 2006

Conditions of Approval, if any:

8 11/17

**FEE #4A**  
**REPAIR BRADENHEAD TEST FAILURE**  
**SEC 04L, T30N, R11W**  
**SAN JUAN CO., NM**

**Prod. Csg:** 7" 23#, K Rg 3, CI A, SS csg @ 4,924'  
**Tbg:** 153 jts 2-3/8" 4.7#, J-55, EUE, 8rd tbg, SN & NC. EOT @ 4,629'.  
**MV Perfs:** 3,069' – 4,780'  
**PBTD:** 4,840'

**NOTE:** Well is located in Aztec Ruins National Park. Must notify Park Ranger at least 24 hrs prior to MIRU

1. Test anchors.
2. MIRU PU. MI 4,900' 2-7/8" 6.5#, J-55, EUE, 8rd tbg for workstring & 4 - 3-1/2" DC's. Set a steel pit & frac tank & flowback tnk. Load steel pit & frac tnk w/fresh wtr.
3. Bd & kill well. ND WH. NU BOP.
4. TOH w/2-3/8" prod tbg.
5. PU & TIH w/7" string mill & 2-7/8" WS to PBTD.
6. TOH & LD mill.
7. TIH w/7" RBP & pkr on 2-7/8" workstring.
8. Set RBP 2,350'.
9. Circ csg w/fresh wtr.
10. Set pkr just above RBP. PT RBP to 1,500 psig. Rel press.
11. PT TCA to 1,500 psig. Open & monitor BH vlv flow. **NOTE:** If TCA PT test holds OK then will TOH w/pkr, run GR/CBL & perf sqz holes as directed by NMOCD. Holes will be sqz using same procedure as in Steps 14 – 26.
12. Rel pkr.
13. Isolate csg leak with pkr.
14. EIR inj rate into csg leak. Monitor for circ out BH vlv.
15. Rel pkr. TIH. Latch on & rel RBP.

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16. PUH & set RBP  $\pm 200'$  below csg leak.
17. Set pkr just above RBP. PT RBP to 2,000 psig. Rel press.
18. TOH w/pkr & setting tool.
19. Dump sd on RBP.
20. TIH w/7" CICR. Pmp thru CICR. **NOTE:** If csg leak is shallow may pmp sqz job down csg & not use CICR.
21. Set CICR  $\pm 100'$  above csg leak.
22. Give OCD 24 hrs notice of sqz operations.
23. MIRU cmt trks.
24. EIR w/wtr. Switch to cmt. Sqz csg leak w/ $\pm 100$  sx Type III cmt + additives (mixed @ 15.6 ppg & 1.18 cuft/sx yield). Displace cmt w/fresh wtr. Monitor for circ out BH vlv. **NOTE:** Final cmt vol, additives, wt & yield will be determined based on depth of csg leak & inj results from Step 12.
25. Sting out of CICR. Rev circ tbg clean. TOH. LD stinger.
26. RDMO cmt equip. WOC.
27. Open bradenhead vlv & chk for flow. SI bradenhead vlv & chk for PBU. If bradenhead ts ts OK then proceed. Otherwise call in.
28. TIH w/6-1/4" bit, DC's & 2-7/8" workstring.
29. DO CICR & sqz.
30. Press tst sqz & csg to 600 psig for 30 min. Must have no more than 10% bleed off in 30 minutes.
31. TOH. LD bit & DC's.
32. TIH w/RBP setting tool.
33. Rev circ sd off RBP.
34. Latch & rel RBP.

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35. TOH. LD RBP & setting tool.

36. TIH w/153 jts 2-3/8" tbg, SN & NC. EOT @  $\pm 4,630'$ .

37. ND BOP. NU WH. NU dual lub.

38. Swab well in.

39. Drop Pacemaker plngr equip.

40. Cycle plngr. RWTP.

# FEE #4A

