

Office
District I
1625 W. French Dr., Hobbs, NM 88240
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

Form C-103
May 27, 2004

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

WELL API NO.
30-025-28585
5. Indicate Type of Lease
STATE ☒ FEE ☐
6. State Oil & Gas Lease No.

7. Lease Name or Unit Agreement Name
North Vacuum ABO Unit
8. Well Number 239
9. OGRID Number 005380
10. Pool name or Wildcat
Vacuum:ABO, North

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
200 N. Loraine, Ste 800, Midland, Texas 79701

4. Well Location

Unit Letter E : 1992 feet from the North line and 810 feet from the West line
Section 25 Township 17S Range 34E NMPM Lea County

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 COMPL ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☒ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐
CASING/CEMENT JOB ☐

OTHER: ☐

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.

- 8/20/05 MIRU Key PU (Luis). POOH w/pmp& sucker rods. ND WH & NU BOP. SWI & SDON.
- 8/23/05 POOH w/274 jts of 6.5#, L-80, EUE, 8rd tbg. RIH w/4-3/4" bit on 276 jts of 6.5#, L-80, EUE, 8rd tbg. Tagged @ 8,660'. POOH w/tbg & bit. SWI & SDON.
- 8/24/05 RU BO Monk pipe tstrs. PU WS & RIH w/272 jts of 3-1/2, 9.3#, N-80, EUE, 8rd tbg, tstrng 7000 psig below slips. RD BO Monk Pipe tstrs. Set RBP @ 8600'. POOH & set 5-1/2" PKR @ 8463'. SWI & SDON.
- 8/25/05 RU Lobo pmp trk. Load csg annulus w/313 bbls of FW. Press to 200 psig. RU Schlumberger. Tst lines to 7,000 psig. Held ok. Est injection rate 5" @ 1,300 psig (FW). Gained press on csg to 400 psig (perfs communicated). SD & bled off press & fluid into frac tank. Rel pkr. POOH w/pkr set @ 8,291'. Load csg annulus w/52 bbls of FW & press csg to 300 psig. Acidized perfs (8,364' to 8,514') w/5000 gals 15% HCL NEFE acid. ISIP - 3,603', 5 min SI press - 3,218', 10 min SI press - 3,113', 15 min SI press - 2,989'. AIP - 3,050 psig, AIR - 7.2". Max press - 3,795 psig, Max rate - 7.2". RD Schlumberger. RD Lobo pmp trk. Flow well into Frac tank. SWI & SDON.

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 DeeAnn Kemp TITLE Regulatory DATE 10/12/05

Type or print name DeeAnn Kemp
For State Use Only

E-mail address:

Telephone No. 432-620-6724

APPROVED BY: Gayle W. Kemp
Conditions of Approval (if any):

OC FIELD REPRESENTATIVE II/STAFF MANAGER
TITLE DATE OCT 18 2005

NORTH VACUUM ABO UNIT	Well # 239	XTO Energy	Lea, NM
-----------------------	------------	------------	---------

- 8/26/05 SITP 0 psig . RIH w/swb. FL 5000' FS. Swbd 4 BO & 51 BW in 10 hrs. Ending FL 6500' FS. SWI & SDON
- 8/27/05 MIRU Schlumberger to acid frac ABO perms. Schlumberger unable to emulsify diesel w/20% SXE acid. Sample of diesel pulled by Schlumberger & taken to lab for analysis. SWI & SDON
- 8/30/05 MIRU Schlumberger. Blended 13,000 gals 20% SXE w/3,900 gals off road diesel. RU Lobo pmp trk & press TCA to 500 psig. Press tstd Frac line to 7,500 psig. Tstd O.K. Est inj rate dwn 3-1/2" WS w/7,500 gals FW mixed w/WF120 chem, 11.5 BPM @ 2,937 psig. Pmpd acid frac in 10 stages as follows: 3,000 gals 15% NEFE acid 17 BPM @ 6,679 PSIG, 2,500 gals 20% SXE, 16 BPM @ 6,691 psig, 2,000 gals 20% VDA, 14 BPM @ 6,491 psig, 2,500 gals 20% SXE, 15 BPM @ 6,608 psig, 2,000 gals 20% VDA, 14 BPM @ 6,565 psig, 2,500 gals 20% SXE, 14 BPM @ 6,357 psig, 2,000 gals 20% VDA, 14 BPM @ 6,536 psig, 2,500 gals 20% SXE, 14 BPM @ 6,425 psig, 2,000 gals 20% VDA, 14 BPM @ 6,425 psig, 2,500 gals 20% SXE, 14 BPM @ 6,505 psig. Flushed tbg w/74 BW @ WF120, 13 BPM @ 6,375 psig. Over flushed w/310 BW @ WF120, 12 BPM @ 5,240 psig. ISIP - 3,960 psig. 5 min SI press - 3,863 psig, 10 min SI press - 3,834 psig, 15 min SI press - 3,813 psig. Average Trtg press - 5,704 psig. Average trtg rate - 14.5 BPM. Min trtg press - 2,937 Max trtg press - 7,013 psig. Min trtg rate - 11.5, Max trtg rate - 17.1 BPM. RD Lobo pmp trk. RDMO Schlumberger. 3,500 psig on tbg after SI 3-1/2 hrs. Flow well to frac tnk. 2,500 psig on 12/64 chk after 2 hrs. 650 psig on 16/64 chk after 4 hrs. 0 psig on 16/64 chk after 5 hrs. Rec 181 bbls total in 5 hrs. SWI & SDON.
- 8/31/05 0 psig on tbg. RIH w/swb & found FL 1,200' FS. Made 4 swb runs. Swbd 24 bbls of load back. FL 2500' FS after 4 runs. Rel pkr. RIH Latch onto RBP. Rel RBP & POOH laying dwn 272 jts of 3-1/2" 9.3#, N-80, EUE, 8rd tbg, PKR & RBP. Rec 205 BLW. SWI & SDON.
- 9/1/05 Well SI. Key PU dwn for repairs.
- 9/2/05 30 psig on tbg. Bled tbg dwn. RIH w/1 - 2-7/8" X 30' MA, 1 - 2-7/8" X 4' PS, 1 - 2-7/8" Class "A" SN, 12 - jts 2-7/8" J-55 6.5#, EUE 8 rd tbg, 1 - 2-7/8" x 5-1/2" TAC (14000# Tension), 262 jts 2-7/8" J-55 6.5# EUE 8rd tbg. ND BOP & NU WH. RIH w/ 1 - 2.5" x 1.5" x 24' RHBC pmp w/1.25" x 12' gas anchor, (SN# XTO-178) 1 - 7/8" X 4' Grade "D" stabilizer bar, 7 - 1.50" x 25' sinker bars, 151 - 3/4" Grade "D" sucker rods, 93 - 7/8" Grade "D" sucker rods, 91 - 1" Grade "D" sucker rods & 1 - 1-1/2" x 26' PR. SWO & HWO. RU Nabors pmp trk. Loaded tbg w/13 BW & press tstd to 500 psig. Tstd OK. RD Nabors pmp trk. RDMO Key PU (Luis). RWTP
- 9/8/05 Well made 24 BO & 98 BW w/41.0 mcf gas in 24 hrs. FL 2100' above pmp.