

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

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)		WELL API NO. 30-025-28627 ✓
1. Type of Well: ✓ Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
2. Name of Operator XTO Energy, Inc.		6. State Oil & Gas Lease No.
3. Address of Operator 200 N. Loraine, Ste. 800 Midland, TX 79701		7. Lease Name or Unit Agreement Name: NORTH VACUUM ABO UNIT ✓
4. Well Location Unit Letter <u>G</u> : <u>2081</u> feet from the <u>NORTH</u> line and <u>2094</u> feet from the <u>EAST</u> line Section <u>24</u> Township <u>17S</u> Range <u>34E</u> NMPM County <u>LEA</u>		8. Well Number #247 ✓
11. Elevation (Show whether DR, RKB, RT, GR, etc.)		9. OGRID Number 005380 ✓
Pit or Below-grade Tank Application <input type="checkbox"/> or Closure <input type="checkbox"/> 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 _____		10. Pool name or Wildcat VACUUM:ABO:NORTH ✓

12. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data	
NOTICE OF INTENTION TO: PERFORM REMEDIAL WORK <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> CHANGE PLANS <input type="checkbox"/> PULL OR ALTER CASING <input type="checkbox"/> MULTIPLE COMPLETION <input type="checkbox"/> OTHER: STIMULATION/OAP PROCEDURE <input checked="" type="checkbox"/>	SUBSEQUENT REPORT OF: REMEDIAL WORK <input type="checkbox"/> ALTERING CASING <input type="checkbox"/> COMMENCE DRILLING OPNS. <input type="checkbox"/> PLUG AND ABANDONMENT <input type="checkbox"/> CASING TEST AND CEMENT JOB <input type="checkbox"/> OTHER: <input type="checkbox"/>

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 to proposed completion or recompletion.

1. RU PU. TOH w/rods & pump.

2. ND WH & NU Bop. Tag up to determine fill. Clean out fill if necessary. TOH w/prod tag.

3. RU WL. Run Gamma Ray Correlation Log from PBTD up to 7500'. Tie log into Welx Dual Spaced Neutron Log ran on 4/21/1984. POH w/WL.

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 NMOCD guidelines ☐ , a general permit ☐ or an (attached) alternative OCD-approved plan ☐

SIGNATURE Sherry Pack TITLE Regulatory Analyst DATE 2/4/2008

Type or print name Sherry Pack

E-mail address: sherry_pack@xtoenergy.com

Telephone No. 432.620.6709

For State Use Only

APPROVED BY Chris Williams

OC DISTRICT SUPERVISOR/GENERAL MANAGER

FEB 26 2008

TITLE _____ DATE _____

Conditions of Approval, if any:



North Vacuum ABO Unit #247
API 30-025-28627
Form C-103 cont'd

- 4 RIH w/ casing guns loaded 2 SPF. Perf following Abo intervals.
- | | | |
|------------------|-----|----------------|
| I) 8465'-8472' | 7' | 14 total holes |
| II) 8482'-8487' | 5' | 10 total holes |
| III) 8660'-8700' | 40' | 80 total holes |
- 5 Totals 52' 104 total holes
RD WL after perforating
- 6 TIH w/ pkr & WS. Set packer @ +/- 8650'. Bottom perf of isolated pay is 8640'.
- 7 RU Pumping Services.

ACID BREAKDOWN OF 8660'-8700' INTERVAL

Pump 2000 gal (48 bbls) 20% HCL & 150 Ball Sealers @ 6 BPM. Maximum pressure should be 5000 psi. Total number of holes is 80. Drop ball sealers in groups of 25 every 6 bbls throughout last ¾ of acid job. If ballout occurs, surge ball sealers off and continue with acid job. After acid is pumped, flush to bottom perf with fresh water (flush volume 51 bbls) . Surge well after breakdown to ensure all ball sealers are off of perforations.

ULTRAGEL STIMULATION OF 8660'-8700' INTERVAL

Pump 8000 gal (191 bbls) 20% Ultrigel @ 8 BPM. Maximum pressure should be 5000 psi. Flush to bottom perf with fresh water. Overflush with 30 bbls fresh water. Shut down and obtain 5, 10, 15 min SI pressures. RD Pumping Services.

- 8 Leave well SI for a minimum of 2 hours to allow acid to spend. Flow well back with steel lines to frac tanks until well dies.
- 9 Release packer & TOH w/ WS & packer.
- 10 TIH w/ WS, RBP w/ ball catcher & packer. Set RBP @ +/- 8565'. Uppermost isolated perf is @ 8574'. PUH & set packer & +/- 8350' .



North Vacuum ABO Unit #247
API 30-025-28627
Form C-103 cont'd

11 RU Pumping Services.

ULTRAGEL STIMULATION OF 8465'-8554' INTERVAL

Pump 16,000 gallons 20% Ultrigel in 5 stages per the attached treating schedule @ 8 BPM. The schedule has 800# rock salt stages. If no block action is noticed on the initial stage then increase salt to 1000#-1500# per stage. Maximum pressure should be 5000 psi. After acid is pumped, flush with fresh water (flush volume is ~53 bbls to bottom perf). Overflush with 30 bbls fresh water. Shut down and obtain 5, 10, 15 min SI pressures. RD Pumping Services.

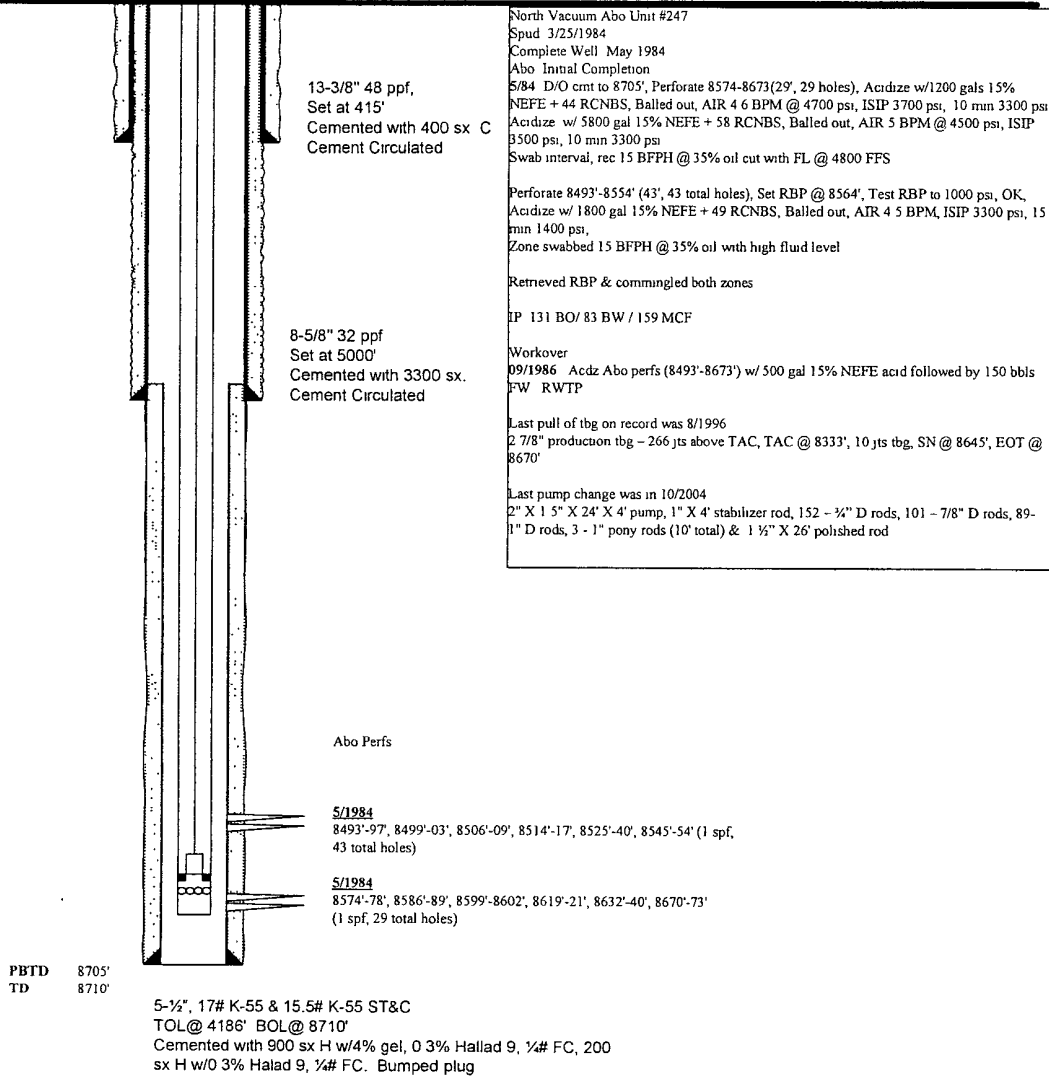
- 12 Leave well SI for a minimum of 2 hours to allow acid to spend. Flow well back with steel lines to frac tanks until well dies
- 13 Release packer & TIH w/ WS to RBP. Latch onto & release RBP. POH w/ WS, pkr & RBP. LD WS.
- 14 TIH w/ prod tbg. RIH w/ rods & pump. RD PU. RWTP.

XTO ENERGY



Well: North Vacuum Abo Unit #247
 Area: Buckeye
 Location: Section 24, T17S, R34E
 County: Lea
 Elevation: 4017' GL , 15' KB

WI: 92.67%
 NRI: 81.09%
 Spud: 3/25/1984
 State: New Mexico



PREPARED BY: Richard Lauderdale DATE: 6/21/07

TEXAS STATE PLANE, NORTH CENTRAL ZONE 4/05/99

Abstract