

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

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b> (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-104) FOR SUCH PROPOSALS.)		WELL API NO. 30-025-35159
1. Type of Well: Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>		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. Lorraine, Ste. 800 Midland, TX 79701		7. Lease Name or Unit Agreement Name: EUNICE MONUMENT SOUTH UNIT
4. Well Location Unit Letter <u>N</u> : <u>3948</u> feet from the <u>SOUTH</u> line and <u>2460</u> feet from the <u>WEST</u> line Section <u>5</u> Township <u>21S</u> Range <u>36E</u> NMPM County <u>LEA</u>		8. Well Number #612
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 EUNICE MONUMENT; GRAYBURG-SAN ANDRES

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: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐  
COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDONMENT ☐  
CASING TEST AND CEMENT JOB ☐

OTHER: Cement Squeeze ☒

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.

11/06/07 MIRU PU. Prep to pull rods.

11/07/07 Unseat pmp. POOH w/rods & LD pmp. POOH w/ 2-7/8" J-55 tbgs. PU & RIH w/5-1/2" pkr on 121 jts of 2-7/8" J-55 tbgs. Set pkr @ 3,800'. RU Swab. BFL 2,650' FS. Made 3 swab runs in 1 hr & rec 16 bbls of wtr & 2 bbls of oil. EFL 3,800'. RD swab. SWI & SDON.

See attached

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 2/15/2008

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 TITLE OCD DISTRICT SUPERVISOR/GENERAL MANAGER DATE \_\_\_\_\_

Conditions of Approval, if any:

FEB 26 2008

# Eunice Monument South Unit #612

Location:	3948' FSL
	2460' FWL
Section	5
Township	21S
Range	36E
County	LEA, NM

Elevations:	
GL	3586'
DF	3594'
KB	3595'

Perfs:	Status
3761-80	ACTIVE
3816-3819	"
3830-56	"
3938-42	"
3962-86	"
3 spf 120 deg phase	
228 total holes	

## Tubing/Pump Detail 12/06

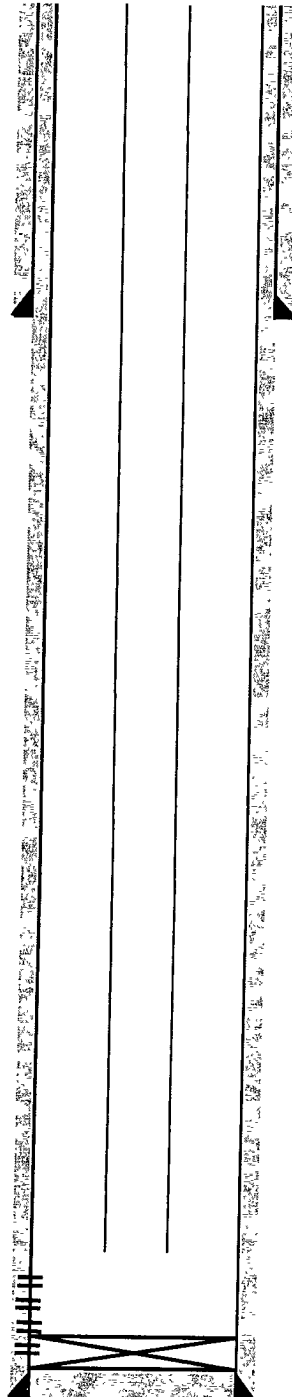
RIH w/ 1 - 2-7/8" MAJ, 1 - 2-1/4" pmp  
borell, 5 - 2-7/8" 6 5#, J-55, EUE, 8rd  
tbg, 1 - 7" TAC, 118 jts of 2-7/8" 6 5#, J-  
55, EUE, 8rd tbg ND BOP Set TAC  
w/18 pts NU WH RIH w/1 - gas  
anchor, 1 - 2-1/4" SV, 1 - 25-225-THBC-  
24-3-4 (SN# EMSU 506), 1 - 1-1/2" K-  
bars, 1 - 1" D-90 pony guid, 17 - 1-1/2"  
K-bars (New), 136 - 7/8" D-90 rods  
(New), 1 - 7/8" D-90 pony rod (New) 1 -  
1-1/2' SM PR

Prod. Csg: 7"  
20#  
K-55  
Set @ 4,025'  
With: 885 SX  
Hole Size: 8 3/4"  
Circ: YES  
133 sx

PERFS 3761' - 3986'

RBP @ 3901'

## Updated Wellbore Diagram



Well ID Info:	
Refno	
API No	30-025-35159
L5/L6	
Spud Date	11/26/2000
Compl Date	12/22/2000

Drilled as a 20 acre infill well

Surf. Csg: 9 5/8"  
36#  
K-55  
Set: @ 1008'  
With: 525 SX  
Hole Size: 12 1/4"  
Circ: YES  
131 sx

## Completion

Initial  
Perforate intervals from 3761-3986, Acdz perms  
w/ 2500 gal 15% HCL acid w/ 325 1.1 SG BS, AIR  
2.5 BPM @ 1180 psi, saw 200 psi of ball action  
Acdz perms w/ 4000 gal 15% HCL acid, foamed to  
50 quality w/ CO2 w/ 175 1.1 SG BS  
AIR 2.2 BPM @ 1150 psi, saw 100 psi ball  
action, ISIP 549 psi, 15 min 390 psi

Final swab results  
35 BFPH w/ 15% OC

Ran sub pump on 12/22/00

Final test (1/27/01)  
56 BOPD, 649 BWPD, 16 MCFPD

12/06 Stuck pmp (barum) SH washed perms 3761-3986  
w/320 bbls 8 6# brine SH ACDZ'd perms w/4000 gals 20%  
NEFE BLWTR 446 AIR 5 1, Avg Inj Pres-1200#, SITP 5" 0#  
(vac) Swab'd 418 BW in 77 runs BFL-2600 FFS EFL-2750  
FFS Chemical SQZ'd perms w/260 bbls pill mixture (RN-211  
& brine) in 5 stgs dropping 2500# RS for diversion Observed  
0#, 593#, 413# & 475# diversion w/ each RS drop RIH w/PE  
RWTP

5/07 Set RBP @ 3,901' RIH w/prod equip

## Additional Data:

T/Queen Formation @ 3392'  
T/Grayburg Zone 1 @ 3686'  
T/Grayburg Zone 2 @ 3744'  
T/Grayburg Zone 2A @ 3780'  
T/Grayburg Zone 3 @ 3819'  
T/Grayburg Zone 4 @ 3865'  
T/Grayburg Zone 5 @ 3910'  
T/Grayburg Zone 6 @ 3947'  
KB @ 3595'

COTD:  
PBDT: 3,901'  
TD: 4,025'  
Loggers 4,015'



**Eunice Monument South Unit #612**  
**API 30-025-35159**  
**Form C-103 cont'd**

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- 11/08/07 RU Swab. BFL 2,650' FS. Made 14 swab runs in 6 hr & rec 16 bbls of wtr & 1 bbls of oil. EFL 3,800'. RD swab. Rel pkr. RIH & latch onto RBP. POOH w/2-7/8" J-55 tbg. LD pkr & RBP. PU & RIH w/5-1/2" pkr on 2-7/8" J-55 tbg. Set pkr @ 3,893'. MIRU 4000' of 2-7/8" N-80 WS. SWI & SDON.
- 11/09/07 SITP 0, SICP 0. RU Swab. BFL 1,200' FS. Made 15 swab runs in 4 hrs & rec 94 bbls of wtr & 0 oil. EFL 2,650'. RD swab. Rel pkr & POOH w/2-7/8" J-55 tbg. LD pkr. PU & RIH w/7" CIBP on 2-7/8" J-55 tbg. Set CIBP @ 3,898'. POOH w/2-7/8" J-55 tbg. PU & RIH w/7" CIBP & on 2-7/8" J-55 tbg. Set CIBP @ 3,800'. POOH w/2-7/8" J-55 tbg. PU & RIH w/7" CIBP on 2-7/8" N-80 WS. SWI & SDON.
- 11/10/07 CMT GB perfs fr 3,761 - 3,780'. Fin PU 2-7/8" N-80 WS. Set CIBP @ 3,697'. RU BJ cmt trks. Tstd lines to 3,000 psig, held ok. Press tst tbg to 3000 psig. leaked off 200 psig in 5". RD BJ. Sting out of CIBP. POOH w/2-7/8" N-80 WS. RU tst trk. Tst 2-7/8" N-80 tbg to 5000 psig below slips. RD tst trk. Sting into CIBP. RU BJ. Tst TCA to 500 psig & monitor. EIR of 3.0 BPM @ 53 psig w/23 bbls fresh wtr. Pmp 15 bbls of flow guard @ 3.3 BPM, 52 psig. Mixed & pmpd 150sx Class "C" w/2% CACL @ 2.5 BPM, 130 psig followed w/96 sx of class "C" Neat @ 2.0 BPM & 848 psig. Sqz Grayburg perfs fr 3,761' - 3,780' @ 1,200 psig w/155 sx cmt in formation. Sting out of CIBP. Rev out 21 bbls of cmt (90sx). Followed by 50 bbls fresh wtr. RD cmt trk. POOH w/tbg & tools. SWI & SDON
- 11/13/07 PU & RIH w/6-1/4" bit, bit sub & 6 - 4-3/4" DC on 114 jts of 2-7/8" N-80 WS. Tagged cmt @ 3,680'. NU stripper head & swivel. Brk circ. DO cmt & CIBP fr 3,680' to 3,750'. Circ hole clean. RD swivel. SWI & SDON.
- 11/14/07 RU swivel. Cont drilling out cmt fr 3,750' to 3,790'. Circ hole clean. Press tst squeeze holes to 500 psig. Held OK. Cont DO cmt. Tagged CIBP @ 3,800'. DO CIBP & had cmt below CIBP. DO cmt to 3,880'. Circ hole clean. Press tst TCA to 500 psig. Lost 25 psig in 30". RD swivel. SWI & SDON.



**Eunice Monument South Unit #612**

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**Form C-103 cont'd**

- 11/15/07 RU Smith pmp. Press tst TCA to 500 psig. Lost 10" in 20". Circ hole clean w/130 bbls of 9# BW. RD pmp. POOH w/10 jts of 2-7/8" N-80 WS. SWI & SDON. Note: SD Due to high wind.
- 11/16/07 POOH w/110 jts of 2-7/8" N-80 WS. LD DC & bit. MIRU Gray WL. PU perf gun, CCL & gamma ray. RIH & correlate logs to Halliburton logs. Perf Grayburg perfs fr 3,825' - 45' (20', 60 Holes). POOH w/WL. PU & RIH w/5-1/2" pkr on 2-7/8" N-80 WS. Set pkr @ 3,798'. RU Petroplex Acidizing Equipment. Open-by-pass & Pmp 20.5 bbls of 20% 90/10 acid into tbg. Close by-pass & Brk dwn Grayburg perfs @ 3,500 psig. Acidize Grayburg perfs fr 3,825' - 3,845' w/ 2000 gals of 20% 90/10 acid @ .5 BPM, 1000 psig. Flushed w/23 bbls of FW. RD Petroplex. ISIP 650, 3" Vac. BLWTR 68 bbls. SWI & SDON.
- 11/17/07 SITP Vac, SICP 0 psig. RU swab. BFL 2,250' FS. Made 39 swab runs in 9 hrs & rec 74 bbls of wtr & 0 oil. EFL 3,400' FS. RD swab. RU pmp trk to tbg. Chemical squeeze GB perf fr 3,825' - 3,845'. Mix & pmp 55 gals of T-175 w/5 gals of DP-61 w/43 bbls of FW @ 1.5 BPM, 1,450 psig. Flushed w/42 bbls of FW w/5 gals of DP-61. ISIP Vac. RD pmp trk. SWI & SDON. Note: SWI for 48 hrs.
- 11/20/07 Rel pkr. POOH LD 2-7/8" N-80 WS. LD pkr. PU & RIH as followed, 2-7/8" slotted MAJ, 2-7/8" SN, 2-7/8" IPC jt, 4 - 2-7/8" 6.5#, J-55, EUE, 8rd tbg, 7" TAC, 118 jts of 2-7/8" 6.5#, J-55, EUE, 8rd tbg. ND BOP. Set TAC w/18 pts. NU WH. PU & RIH w/8' gas anchor, 25-200-RXBC-24-3 (SN# DC-1582), 1-1/2" K-bar, 1" D-90 pony guid, 17 - 1-1/2" K-bars, 134 - 7/8" D-90 rods, 1 - 7/8" D-90 sub. 1-1/2" X 26' SM PR. SWO & HWO. RU test trk. Load tbg w/15 bbls of soap wtr. Pmp up in 3 strks to 500 psig. Held ok. RD test trk. RDMO PU. RWTP.



**Eunice Monument South Unit #612**

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**Form C-103 cont'd**

- 11/27/07 In 24 hrs, well made 4 BO, 316 BW & 3 MCF. Running @ 45% on POC w/0 FAP. RU pmp trk on off-side csg valve. Pmpd 28 gals of BACTRON K-31 mixed w/28 gals of RN-211 dwn backside. Flushed behind pill w/15 bbls of fresh wtr. RD pmp trk. Circ well for 24 hrs. Will RWTP Tuesday morning.
- 12/21/07 In 24 hrs, well made 3 BO, 267 BW & 1 MCF. Running @ 50% on POC w/0 FAP. Gang chg'd sheave & slowed well dwn to 5.5 SPM to lower cycles. Final Report.