

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 DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-100) FOR SUCH PROPOSALS.)		WELL API NO. 30-025-33187 ✓
1. Type of Well: Oil Well ☒ Gas Well ☐ Other ☐		5. Indicate Type of Lease STATE ☒ FEE ☐ ✓
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: EUNICE MONUMENT SOUTH UNIT ✓
4. Well Location Unit Letter <u>X</u> : <u>210</u> feet from the <u>SOUTH</u> line and <u>40</u> feet from the <u>EAST</u> line Section <u>6</u> Township <u>21S</u> Range <u>36E</u> NMPM County <u>LEA</u>		8. Well Number #649 ✓
11. Elevation (Show whether DR, RKB, RT, GR, etc.)		9. OGRID Number 005380 ✓
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 _____		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: ACID STIMULATION ☒

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.

10/31/07 MIRU PU. POOH w/rods & pmp. RU Hydrostatic scan trk. Scan out hole.

11/01/07 RIH w.130 jts of 2-7/8" J-55. Tagged fill @ 4,016'. POOH w/tbg & bit. PU & RIH w/Sonic Hammer on 2-7/8" J-55 tbg. RU acidizing equipment. Washed Grayburg perfs fr 3,786' - 3,998' w/366 bbls of 9# brine wtr while circulating. Circ hole clean. SI backside. Acidize btm w/28 BW.

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 1/17/2008

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 FEB 07 2008

Conditions of Approval, if any:



Eunice Monument South Unit #649

API 30-025-33187

Form C-103 cont'd

11/01/07 Dropped ball to shear sleeve in tool. BLWTR 65 bbls. Avg 5.0 BPM. Avg tbg press - 2,300 psig. Avg csg - press 400 psig. 5" SITP - 0 psig (vac). RD Acidizing Crew. SWI & SDON

Stimulation Zone: Grayburg

Event Desc: Sonic Hammer Acid Job

Top Interval: 3,786 **Bottom Interval:** 3,998

Event Seq	Stage Desc	Vol (gal)	Rate (bpm)	Press (psig)	Comments
1	Washed	10,920	5.0	2,200.0	Washed perfs fr 3,786` - 3,998` w/9# BW
3	Acid	168	5.0	2,200.0	Acidize perfs fr 3,998`-3,979` w/20% 90/10 acid
5	Acid	336	5.0	2,400.0	Acidize perfs fr 3,979`-3,916` w/20% 90/10 acid
7	Acid	336	5.0	260.0	Acidize perfs fr 3,916`-3,853` w/20% 90/10 acid
9	Acid	336	5.0	2,800.0	Acidize perfs fr 3,853`-3,786` w/20% 90/10 acid
11	Flush	1,176	5.0	2,800.0	Flushed acid to btm w/9# BW. ISIP Vac.

Ttl Gals: 13,272

11/02/07 Swab/POOH w/tbg, RIH w/pkr. RU swab. BFL 2,500' FS. Made 25 swab runs in 5 hrs & rec 109 bbls of wtr w/0 oil. EFL 2,800' FS. RD swab. POOH w/2-7/8" J-55 tbg & LD sonic hammer tool. PU & RIH w/5-1/2" pkr on 119 jts of 2-7/8" J-55 tbg. Set pkr @ 3,732'. SWI & SDON



Eunice Monument South Unit #649

API 30-025-33187

Form C-103 cont'd

- 11/03/07 RU Parker pmp trk. Mix & pmp 5 gals of RN-211 w/30 bbls of 9# BW. RD pmp trk. MIRU Acid services. Chemical squeeze Grayburg perms fr 3,786' - 3,998' w/260 bbls of T-175 & DP-61 mix w/260 bbls of 9# BW & 900# RS pumped in 3 stgs. Flushed w/55 bbls of fW @ 2 BPM, 785 psig. Max press 1000 psig. ISIP 670 psig, 5" SIP 290 psig, 10" (vac). 554 BLWTR. RDMO Acid Services & pmp trks. SWI for 48 hr. SWI & SDON
- 11/06/07 RIH w/prod). PU & RIH w/slotted MA, SN, 1 jts of 2-7/8" IPC, 7 jts 2-7/8" tbg, 5-1/2" TAC, 119 jts 2-7/8", 6.5#, J-55, EUE, 8rd tbg. ND BOP. Set TAC w/18 pts tens. NU WH. PU & RIH w/1-1/2" x 8' GA, 2.5" x 2" x 24' pmp w/3' plunger (DC-1569), 1-1/2" K-Bar, 1" x 4' stabilizer sub, 5 - 1-1/2" K-bars, 150 - 7/8" N-97 rods, 5 - 7/8" N-97 sub (6', 6', 6', 4', 2') & 1-1/2" x 26' SM PR. SWO & HWO. RU pmp trk & loaded tbg w/10 bbls wtr. Pmp up to 500 psig in 5 strks, held ok. RD pmp trk. RDMO PU. RWTP
- 11/11/07 In 24 hrs, well made 15 BO, 424 BW & 5 MCF. Running 100% on POC.
- 12/05/07 MIRU PU. (Upgrade Equipment) LD PR. POOH w/75 - 7/8" N-97 rods. PU & RIH w/FT & rods. Latch onto fish. Unseat pmp. SWI & SDON.
- 12/06/07 SITP 30 psig - SICP 50 psig. Blow well dwn. POOH w/rods & fish. LD pmp. ND WH. Rel TAC. NU BOP. POOH w/2-7/8" J-55 tbg. PU & RIH w/2-7/8" x 15' slotted MA, 2-7/8" x 2-1/4" THBC - 24' - 3' - 4' tbg pmp, 8 - 2-7/8" 6.5#, J-55, EUE, 8rd tbg, 2-7/8" x 5-1/2" TAC on 119 jts of 2-7/8" 6.5#, J-55, EUE, 8rd tbg. ND BOP. Set TAC w/18 pts of tens. NU WH. SWI & SDON.
- 12/07/07 RIH w/rods. RWTP). PU & RIH w/rods & plngr as followed. 2-1/4" x 4' plngr, 2 - 1-3/4" K-bars, 1" x 4' stabilizer sub, 4 - 1-3/4" K-bars, 152 - 7/8" D-97 rods, 4 - 7/8" D-97 subs & 1-1/2" x 26 SM PR. SWO & HWO. RU trk. Load tbg w/12 bbls of FW. Pmp up to 500 psig in 2 strks. RD pmp trk. RDMO PU. RWTP.
- 12/14/07 In 24 hrs, well made 30 BO, 615 BW & 12 MCF w/666 FAP

UPDATED WELLBORE DIAGRAM

FIELD: EMSU

WELL NAME: EMSU 649

FORMATION: Grayburg

LOC: 210' FSL & 40' FEL
TOWNSHIP: 21S
RANGE: 36E Unit X

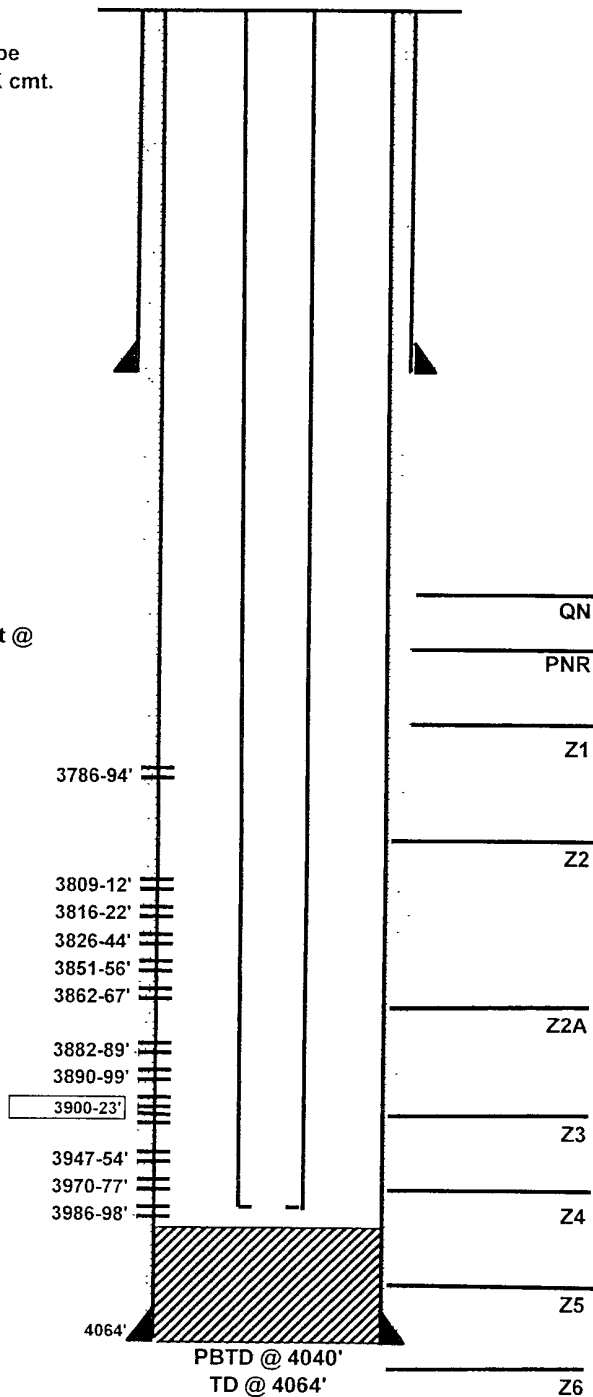
SEC: 6
COUNTY: Lea
STATE: NM

GL: 3583'
KB: 3594.8'
DF to GL:

CURRENT STATUS: Producer
API NO: 30-025-33187
CHEVNO: BD6710

8-5/8", 24#/ft, Surf. Pipe
 set @ 1190' w/ 675 SX cmt.
 Circ 270 sx to pit
 (12-1/4" hole)

5-1/2", 15.5#/ft, csg set @
 4064' w/ 575 SX cmt.
 Cmt Circ.? No
 TOC @ 720' by TS
 (8-3/4" hole)



Drilled as a 20 acre infill well
 Date Completed: 12/95
 Initial Prod: 13 BOPD/ 55 BWPD/ 22 MCF

Initial Completion Data:

Perf 3882-89' and 3900-23' w/ 3 JHPF Pickle tbg w/ 350 gals acid Spot
 100 gal acid, break down & acdz w/ 3000 gal 15% HCl w/ iron control
 additives

Workover History:

2/96 Perf 3809-12, 3816-22, & 3826-44 RBP @ 3863' Acidize perfs 3809-
 3844 w/ 3000 gals 15% HCl in 7 stages RIH w/ PE TOTP

4/96 Retrieve and POH w/ RBP @ 3863' DOC to 4040' and perf 3786-94,
 3851-56, 3862-67, 3890-99, 3947-54, 3970-77, & 3986-98 (3 JHPF) ACDZ
 perfs w/ 8400 15% HCl in 15 stages
 AIR 3.7 BPM @ 1150 psi
 Swb (8 runs) IFL - 1800', EFL - 2800' Rec'd 45 BW RIH w/ PE, TOTP

4/98 ACDZ 3786--3998 w/ 3000 15% REAXE-3000 and 2000 gals 15% S-
 3000 w/ 3500# GRS as diverter AIR 4.5 BPM @600 psi
 ISIP vac

No other workovers listed in wellfile

Additional Data:

T/Queen Formation @ 3418'
 T/Penrose Formation @ 3560'
 T/Grayburg Zone 1 @ 3746'
 T/Grayburg Zone 2 @ 3793'
 T/Grayburg Zone 2A @ 3874'
 T/Grayburg Zone 3 @ 3937'
 T/Grayburg Zone 4 @ 3978'
 T/Grayburg Zone 5 @ 4045'
 T/Grayburg Zone 6 @ 4095'
 T/San Andres Formation @ 4139'
 KB @ 3594.8'

