

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><br>(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-103) FOR SUCH PROPOSALS.)                                                                                                                           |  | WELL API NO.<br>30-025-04577 ✓                                                                        |
| 1. Type of Well:<br>Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <u>INJECTION</u>                                                                                                                                                                                                                          |  | 5. Indicate Type of Lease<br>STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/> ✓ |
| 2. Name of Operator<br>XTO Energy, Inc.                                                                                                                                                                                                                                                                                                 |  | 6. State Oil & Gas Lease No.                                                                          |
| 3. Address of Operator<br>200 N. Loraine, Ste. 800 Midland, TX 79701                                                                                                                                                                                                                                                                    |  | 7. Lease Name or Unit Agreement Name:<br>EUNICE MONUMENT SOUTH UNIT ✓                                 |
| 4. Well Location<br>Unit Letter <u>D</u> : <u>660</u> feet from the <u>NORTH</u> line and <u>660</u> feet from the <u>WEST</u> line<br>Section <u>9</u> Township <u>21S</u> Range <u>36E</u> NMPM County <u>LEA</u>                                                                                                                     |  | 8. Well Number<br>#281 WIW ✓                                                                          |
| 11. Elevation (Show whether DR, RKB, RT, GR, etc.)                                                                                                                                                                                                                                                                                      |  | 9. OGRID Number<br>005380                                                                             |
| Pit or Below-grade Tank Application <input type="checkbox"/> or Closure <input type="checkbox"/><br>Pit type _____ Depth to Groundwater _____ Distance from nearest fresh water well _____ Distance from nearest surface water _____<br>Pit Liner Thickness: _____ mil Below-Grade Tank: Volume _____ bbls; Construction Material _____ |  |                                                                                                       |

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

1. MIRUPU. MI & rack 4,000' of 2-7/8" J-55 workstring.
2. Unset pkr. POOH w/tbg & inj pkr. Scanlog tbg while POOH.
3. PU workstring & RIH w/3-7/8" bit on 2-7/8" WS to TD. Clean-out well to +/- 3,894'. Circ clean.POOH.
4. PU & RIH w/Sonic Hammer on 2-7/8" workstring.
5. MIRU acid company. Test lines to 3,000 psi.

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 1/16/2008

Type or print name Sherry Pack

E-mail address: sherry\_pack@xtoenergy.com  
Telephone No. 432.620.6709

For State Use Only

APPROVED BY [Signature] TITLE FIELD REPRESENTATIVE II/STAFF MANAGER DATE FEB 04 2008

Conditions of Approval, if any



**Eunice Monument South Unit #281 WIW**  
**API 30-025-04577**  
**Form C-103 cont'd**

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6. Sonic Hammer OH from 3,772 - 3,894" w/ 50 bbls brine (approx 20-30 bbls per stand) while circulating. Circ hole clean. Close in backside & SH openhole from 3,772 - 3,894' w/2,700 gals 15% HCL in inj mode(approx 30-35 bbls acid per stand) avoiding the squeezed perfs. Flush acid w/ 25 bbls wtr. Drop ball to shift sleeve in tool. Max treating pressure for pumping jog: 2,500 psi tbg/500 psi csg. RDMO acid company.
7. Flow back or RU swab & swab back acid load.
8. POOH & LD sonic hammer & WS.
9. PU & RIH w/inj pkr and 2-3/8" IPC tbg. Set pkr @ 3,560'. Test tbg/csg annulus to 500 psi. Record pressure on a chart and send to OCD.
10. Return well to inj. RDMOPU.
11. Perform inj profile 2-3 wks after workover, or after inj rate/pressure stabilizes.

# UPDATED WELLBORE DIAGRAM

LEASE: EMSU WELL: 281WIC  
 LOC. 660' F N L & 660' F W L SEC: 9  
 TOWNSHIP: 21S CNTY: Lea  
 RANGE: 36E UNIT: D ST: N.M.

FORM: Grayburg / San Andres DATE:

GL: 3566' STATUS: Injector  
 KB: 3571' API NO: 30-025-04577  
 DF: CHEVNO: FA 5718 01

Date Completed: 4/9/1935  
 Initial Production: 7 678 BOPD 0 BWPD  
 Initial Formation: Grayburg  
 FROM: 3728' to 3880' GOR 737

## Completion Data

Natural OH well completion.

## Subsequent Workover or Reconditioning:

5/44 Install gas lift equip. Tst 189 BO / 10 BW  
 5/53 Install ppg equip Test 20 BO/ 46 BW/ GOR 1210  
 9/64 PB w/ 37 gal Hydromite to 3855' ACDZ OH w/ 2000 gal 15% NeA.  
 Tst 26 BO/ 47 BWPD. B/4 Tst 4 BO/ 47 BWPD.  
 8/68 500 gal 15% NeA dump acid. Tst 21 BO/ 46 BWPD B/4. 1 BO/ 37 BWPD  
 8/86 XO WH CO & deepened to 3894'. Perf 3661-63, 3674-76, 3690-92, 3698-3700, 3714-16, 3723-25, 3729-31 & 3750-52 (2 JHPF)  
 NOTE logger found 4-3/4" csg shoe @ 3772', not @ 3728' as per original 1935 record. ACDZ OH 3772-3894' w/ 4000 gal 15% NeFeA Swb 13 BW/Tr oil. ACDZ new perfs w/ 1750 gal 15% NeFeA & 50 RCNBs. Swb 16 BW/ Tr oil. Swb dry. GIH w/ 2-3/8" 4 7# J-55 IPC tbg & Baker TSN pkr Circ. pkr fluid & set pkr @ 3577' Put on inj 11/7/86 (700 BWIPD @ 0 psig)  
 4/91 Injection profile logger TD @ 3860' indicating 34' fill  
 11/93 ACDZ w/ 3000 gal 15% HCl - Unisol mix  
 Inject A - 720 BWIPD @ 452 psig (12/93) B - 72 BWIPD @ 698 psig  
 7/23/96 ACDZ w/ 6000 gal acid. Pump @ 3 BPM @ 680 psi, Used fine grain RS as diversion.  
 9/25/98 Pkr Leak, redressed pkr, set pkr @ 3596', RWTI  
 2/9/99 Attempted to run injection profile, Sat down @ 3600'  
 7/99 Had procedures to shut off water injection into Z1 (3661-3776) using a TexFlex patch or cmt squeeze Apparently work was not performed  
 2/05 Tagged fill @ 3865', Acdz GB interval w/ 5000 gal 15% HCL 9010 & 3500# GRS @ 5 BPM & 2331 psi, ISIP 425 psi, 5 min vac, RIH w/ 4 1/2" G-6 pkr on 2 3/8" tbg, set pkr @ 3563', performed MIT (not witnessed by NM OCD), RWTI on 2/9/05  
 8/07 RU Coiled Tbg unit and CO well to 3746' (fill) Could not get deeper Washed perfs w/3 passes Circ btms up. Spotted 5 bbls of 20% 9010 acid on fill SD for 10" Still could not go down any further Pmpd another 5 bbls of acid SD for 10" Could not CO fill Lost circ Std acid washing perfs 3,661' - 3,746' w/backside closed in w/2,600 gals of 20% 9010 @ 4,700 psig @ .8 BPM Displaced coil tbg w/15 BW & perf interval w/15 BW.

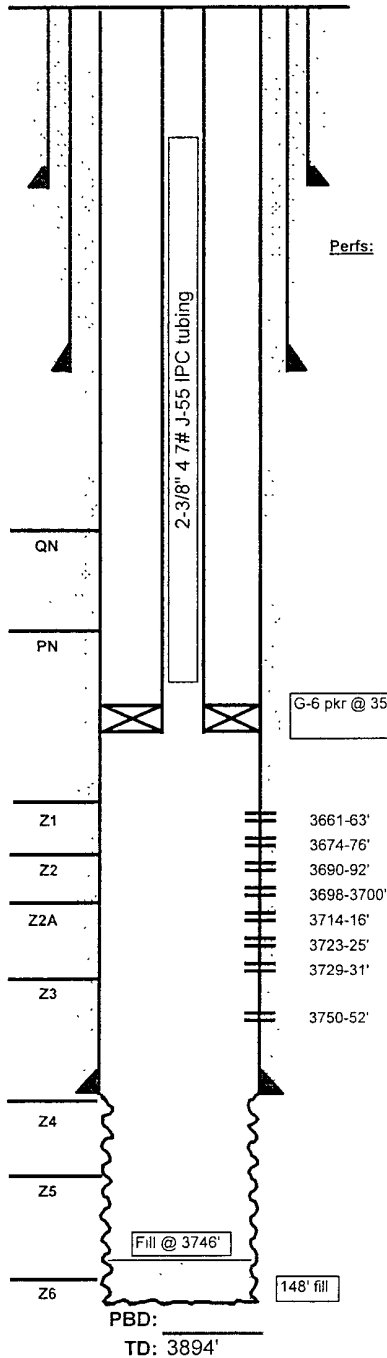
## Additional Data:

T/Queen Formation @ 3337'  
 T/Penrose Formation @ 3480'  
 T/Grayburg Zone 1 @ 3634'  
 T/Grayburg Zone 2 @ 3681'  
 T/Grayburg Zone 2A @ 3708'  
 T/Grayburg Zone 3 @ 3737'  
 T/Grayburg Zone 4 @ 3774'  
 T/Grayburg Zone 5 @ 3824'  
 T/Grayburg Zone 6 @ 3876'  
 T/San Andres Formation @ 3915'  
 KB @ 3571'

10" OD  
 40 # CSG  
 Set @ 359' W/ 275 SX  
 Cmt circ.? by  
 TOC @ by  
 (13-3/4" hole)

7" OD  
 24 # CSG 8rd  
 Set @ 2818' W/ 450 SX  
 Cmt circ.? by  
 TOC @ by

4-3/4" OD  
 16 # CSG 10rd  
 Set @ 3772' W/ 100 SX  
 Cmt circ.? no  
 TOC @ 2886 by calc



FILE: EMSU281WB.XLS

