

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

Form C-103  
May 27, 2004

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

WELL API NO. 30-025-37279
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name: Eunice Monument South Unit
8. Well Number 628
9. OGRID Number 005380
10. Pool name or Wildcat Eunice Monument; Grayburg-San Andres

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 <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other
2. Name of Operator XTO Energy, Inc.
3. Address of Operator 200 N. Loraine, Ste. 800 Midland, TX 79701
4. Well Location Unit Letter <u>P</u> : <u>2650</u> feet from the <u>South</u> line and <u>1085</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>
11. Elevation (Show whether DR, RKB, RT, GR, etc.)
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 _____

12. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data  
NOTICE OF INTENTION TO: SUBSEQUENT REPORT OF:

PERFORM REMEDIAL WORK <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/> ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/> CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING <input checked="" type="checkbox"/> PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/> MULTIPLE COMPLETION <input type="checkbox"/>	CASING TEST AND CEMENT JOB <input type="checkbox"/>
OTHER: Sqz off current zone, OAP & Stim same Resv <input checked="" 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 of proposed completion or recompletion.

- MIRUPU. MI & rack 4,300' of 2-7/8" J-55 workstring. POOH w/pumping equipment. Inst BOP. Tag TD & POH w/2-7/8" tubing. Pickup workstring & run in hole w/ 4-3/4" bit and 5-1/2" scraper to TD.
- TIH w/5-1/2" cement retainer & set at 3,850'. MIRU sqz company. Sqz off existing perms.
- RU rev unit. PU & TIH w/4-3/4" bit & drill collars on 2-7/8" WS to top of cement retainer and tag.
- Drill out squeeze to 3,840'.

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 Kristy Ward TITLE Regulatory Analyst DATE 06/14/07  
E-mail address: kristy\_ward@xtoenergy.com  
Type or print name Kristy Ward Telephone No. 432-620-6740

For State Use Only

APPROVED BY Larry W. Wink TITLE OC FIELD REPRESENTATIVE II/STAFF MANAGER DATE OCT 04 2007  
Conditions of Approval, if any:



**EMSU 628**  
**Squeeze off Current Zone, OAP & Stimulate in same Reservoir (Cont'd.)**  
**LEA COUNTY, NEW MEXICO**  
**June 14, 2007**

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1. MIRU Wireline. TIH with 3-3/8" casing gun and perforate 3,812 – 3,817' (5', 20 holes) and 3,790 – 3,794' (4', 16 holes) with 4 JSPF. RDMO.
2. PU and TIH with 5-1/2" RBP, collar locator, and treating packer on WS. Set RBP at 3,830'.
3. MIRU acid/pumping company.
4. Pull packer to 3,805' and reset. Breakdown perms and pump 750 gals (18 bbls) of 15% NEFE acid.
5. Unset packer and RIH to RBP. Unset RBP. PUH to 3,805' and set RBP. PUH to 3,780' and set packer.
6. Breakdown perms and pump 750 gals (18 bbls) of 15% NEFE acid.
7. Open well back to pit through 8/64". Let well flow down and open another 8/64ths. Swab both intervals together and determine flow rate and oil cut.
8. Unset RBP and packer and POOH. ND BOP. NU WH. RIH with production equipment.
9. RWTP. RDMOPU.

# XTO ENERGY



Well: EMSU 628  
Location: Section 4-21S-36E  
2650' FSL & 1085' FEL  
County: Lea  
Elevation: 3566' GL 3583' KB

API # 30-025-37318

Spud: 11/2005  
State: New Mexico

GRBG 3636'  
GB2 3668'  
GB2A 3697'  
GB3 3727'  
G/O 3734'  
GB4 3763'  
GB5 3813'  
GB6 3860'  
SADR 3904'  
O/W TR 3934'  
O/W 3983'

Z1

Z2

Z2A

Z3

Z4

Z5

Z6

SA

PBTD 4098'  
TD 4622'

8-5/8", 24#  
Set at 1199'  
Cemented with 625 sx  
Circulated

Perfs  
Z1 - None  
Z2 - None  
Z2A - None  
Z3 - None  
Z4 - None  
Z5 - 3812-25' sqzd  
Z6 - 3860-80' sqzd, 3886-92', 3902-06'  
SA - 3918-24', 3935-50' sqzd, 4030-40', 4057-67'

5-1/2" 17 #,  
Set at 4622'  
Cemented with 860 sx  
In 2 stages No returns  
during either stage.  
DV Tool @ 4101'

11/7/05 Tagged DV tool @ 4,101' PU to 4,091' Circ TCA w/130 bbls of 8 6# brine  
Tstd TCA to 1000 psig, held ok

11/8/05 RIH w/Gamma Ray, CCL & CBL fr/4,096' to 3,000' w/0 psig on TCA Ran  
repeat pass w/CBL/GR/CCL log fr/4,096' to surf w/1,000 psig on TCA No cement  
behind pipe. Perforated 4 squeeze holes @ 3812'. Pump into perfs at 1 BPM, 1000  
psi Set CICR @ 3765' on wireline

11/9/05 Pump 125 sks Class C cement in attempt to place cement behind pipe in pay  
interval

11/10/05 Drill out cement and CICR Test squeeze to 550# Lost 350# in 5 min

11/14/05 Run CBL Log indicates cement behind pipe from 3640'-4100' Perfd fr/  
3,935' - 3,950', 3,860' - 3,880' & 3,812' - 3,825' w/3 SPF @ 120 degree phasing

11/15/05 Pmpd 3500 gals of 15% NEFE acid, dropping 3 RCNBS 7/8" 1 3 SGBS, ISIP  
- vac, max press - 640 psig, min press - 0 psig, AIR - 3 BPM Saw good ball action first  
70 BS

11/16/05 BFL 1,200' Made 64 swab runs & recovered 349 bbls 100% water, w/very  
little gas EFL 1,100'

11/21/05 RIH w/ rented sub

11/30/05 In 24 hrs, well made 0 BO, 1,800 BW & 32 Mcf Running 65 HZ FAP 2,500'

1/10/06 Swbd perfs as follows 3,935' - 3,950' BFL @ 1,000 FFS EFL @ 1,000 FFS  
Made 18 runs Rec 125 BW. Showed some gas. PUH w/tools Set RBP @ 3,890' Set  
pkr @ 3,850' Swbd perfs 3,860' - 3,880' for 5-1/2 hrs BFL @ 1,000 FFS EFL @  
1,100 FFS Made 40 runs Rec 198 BW. Showed no gas

1/11/06 Swbd perfs as follows 3,860' - 3,880' BFL @ 1,000 FFS EFL @ 1,000 FFS  
Made 15 runs Rec 70 BW. Showed no gas PUH w/tools Set RBP @ 3,848'. Set pkr  
@ 3,801' Swbd perfs 3,812' - 3,825' for 2 hrs BFL @ 1,000 FFS EFL @ 1,000 FFS  
Made 9 runs Rec 42 BW. Showed some gas RD swab equipment

1/12/06 Set CICR @ 3,670' Squeeze perfs w/ 400sx Class C

1/19/06 perforated the following intervals 4,057' - 4,067', 4,030' - 4,040', 3,918' -  
3,924', 3,902' - 3,906' & 3,886' - 3,892'

1/20/06 straddled bit set of perfs @ 4,057' - 4,067' Pmpd 8 bbls of acid into  
fmlt(never saw any press) PUH to next set of perfs @ 4,030' - 4,040' Set pkr Pmpd 8  
bbls of acid into fmlt(never saw any press) PU & loaded tbg PUH & set tool in blank  
pipe Tstd PPI tool to 1,000 psig to make sure tools were holding, held ok PUH to 3rd  
set of perfs @ 3,918' - 3,924' Pmpd 6 bbls of acid into fmlt(never saw any press) PUH  
to next set of perfs @ 3,902' - 3,906' Set down on pkr Pmpd 5 bbls of acid into  
fmlt(never saw any press) PUH to top set of perfs Pressd up on perfs to 800 psig  
numerous times to get perfs to break Pmpd 6 bbls of acid into fmlt SD for 5" & perfs  
went on vac Decision was made to shut in well and attempt to repair when other new  
wells have been completed