

Submit 3 Copies To Appropriate District Office  
District I  
1625 N. French Dr., Hobbs, NM 87404  
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  
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. 30-025-04335
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name: Eunice Monument South Unit
8. Well Number 105
9. OGRID Number 005380
10. Pool name or Wildcat Eunice Monument; Grayburg-San Andres

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 _____

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 <input type="checkbox"/>	
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>D</u> : <u>660'</u> feet from the <u>North</u> line and <u>990'</u> feet from the <u>West</u> line Section <u>25</u> Township <u>20S</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:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐  
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐  
PULL OR ALTER CASING ☐ MULTIPLE COMPLETION ☐  
OTHER: Clean Out, Stimulate & Squeeze Well ☒

SUBSEQUENT REPORT OF:

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

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. ND WH. NU BOP. POOH w/production tbg and pump & scanalog tbg while POOH. PU & RIH w/6-1/8" bit on 2-7/8" tbg to 4,050'. Circulate hole clean.
2. PU & RIH w/Sonic Hammer. MIRU Acid Co. Test lines to 3,000 psi. Sonic Hammer openhole fr 3,740-3,910' w/100 bbls brine while circulating to reverse pit. Close in backside and SH openhole fr 3,740-3,910' w/2,500 gals 20% AcidTol (90/10) in injection mode. Flush acid w/40 bbls water. Drop ball to shift sleeve in tool. RDMO acid company.

See next page for continued procedure.

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 08/06/08  
E-mail address: kristy\_ward@xtoenergy.com  
Type or print name Kristy Ward Telephone No. 432-620-6740

For State Use Only

APPROVED BY Kerry D. Hill TITLE OC FIELD REPRESENTATIVE II/STAFF MANAGER DATE AUG 28 2008  
Conditions of Approval, if any:

OCD

## **EMSU #105**

### **Clean Out, Stimulate & Squeeze Well**

3. Flow back or RU swab and swab back acid load. RIH w/7" treating packer and tubing to 3,730'. Set packer @ 3,730'.
4. MIRU pumping company. Squeeze openhole w/scale inhibitor down tubing and backside. Treat openhole (3,740-4,050') down tubing. Treatment should be designed assuming 400 bfpd total rate.
5. POOH w/ packer and workstring. RIH with production tubing. ND BOP. NU WH.
6. RIH w/production equipment based on a 400 bfpd rate or better estimate derived from swab results. RWTP. Put in test. RDMOPU.

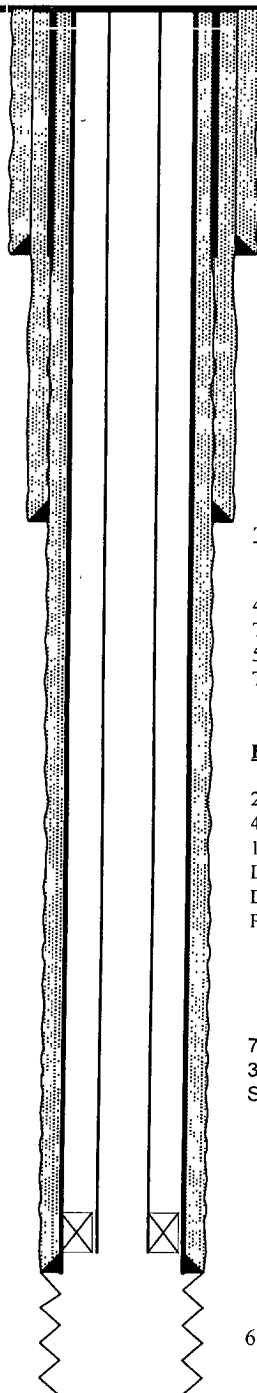
# XTO ENERGY



**Well:** EMSU 105  
**Location:** Section 25-20S-36E  
 660' FNL & 990' FWL  
**County:** Lea  
**Elevation:** 3550' GL

**API #** 30-025-04335

**Spud:** 10/2/37  
**State:** New Mexico



13" OD 40# Set at 232"  
 Cemented with 160 sx.  
 Circulated

9 5/8" OD SET @  
 1132'. CMT W/300  
 SX. TOC 190'

**Tbg Detail:** 01/07/08

2-7/8" tbg Slotted MAJ, 2-1/  
 4" Pmp bbl, Tbg - 7" Cam  
 TAC, 127 Jts 2-7/8", 6 5#, J-  
 55, EUE, 8rd Tbg PI @ 4004'  
 TAC @ 3623'

**Pmp & Rod Detail:** 01/08/08

2-1/4" plngr, 2 - 7/8" D-90 rods, 1" x  
 4' stabilizer sub, 6 - 7/8" D-90 rods,  
 1" D-90 stabilizer sub, 95 - 7/8"  
 D-90 rods, 55 - 1" D-90 rods, 2 - 1"  
 D-90 subs (4', 6') & 1-1/2" x 26' SM  
 PR

7" OD SET @  
 3740' CMT W/600  
 SX. TOC 1,633'

EMSU #105  
 Spud 10/2/37  
 Complete Well

11/07/37: Acdz 3765-3850' w/2000 gals 50% solution

11/09/37: Reacidized w/6000 gals 50% solution

**WORKOVER:**

06/06/72: POH W/RODS & TBG RAN TS, DETAIL GRN  
 & CALIPER SVY. RAN 2 3/8" TBG W/LYNES OH PKR  
 SET @ 3762' ACDZ OH 3762-3850' W/500 GALS ONE-  
 SHOT ACID. FLUSH W/16 BBLS LSE CRUDE TREAT  
 OH 3762-3850' W/3000 GALS 15% NE ACID & 1300# RS  
 IN 2 STGS. PULL TBG & PKR RAN 2 3/8" OD TBG,  
 RODS & PMP. RWTP

06/28/72. P 25 BO, 14 BW & 166 MCFPD THRU OH  
 3740-3850' (GRAYBURG).

05/19/88: POH W/PROD EQUIP. DRL NEW HOLE FR/  
 3846-4050' LOG W/CNL/CCL/GR CALIPER-CDL  
 ACDZ OH DWN 2 7/8" TBG W/3500 GALS 15% NEFE  
 HCL. SWAB RIH W/PROD EQUIP

10/31/05: POH W/RODS POH. RIH W/PMP & RODS  
 RWTP

11/29/05: In 24 hrs, PPG 3 BO, 223 BW

04/07/06: POH W/PROD EQUIP.

04/10/06: RIH W/PROD EQUIP.

04/17/06: In 24 hrs, PPG 5 BO, 282 BW, 5 MCF

09/04/07: REPAIRED TBG LEAK

09/15/07: In 24 hrs, PPG 7 BO, 288 BW, 12 MCF.

10/04/07: PUMP CHG (REPLACED SV & PLNGR)

10/20/07: In 24 hrs, PPG 4 BO, 328 BW, 9 MCF.

11/09/07: REPAIRED TBG LEAK

11/18/07: In 24 hrs, PPG 2 BP, 336 BW, 14 MCF.

01/08/08: REPAIRED HOLE IN TBG

**FORMATION TOPS:**

QUEEN @ 3,436'  
 PENROSE @ 3,592'  
 GRAYBURG 1 @ 3,796'  
 GRAYBURG 2 @ 3,848'  
 GRAYBURG 2A @ 3,890'  
 GRAYBURG 3 @ 3,920'  
 GRAYBURG 4 @ 3,965'  
 GRAYBURG 5 @ 4,031'

TD: 4050'

6-1/8" OH 3740- 4050'