

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  
June 19, 2008

RECEIVED

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

HOBBSOCD

<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-101) FOR SUCH PROPOSALS.)		WELL API NO. 30-025-04427
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. Loraine, Ste. 800 Midland, TX 79701		7. Lease Name or Unit Agreement Name: Eunice Monument South Unit
4. Well Location Unit Letter <u>L</u> : <u>1980'</u> feet from the <u>South</u> line and <u>660'</u> feet from the <u>West</u> line Section <u>36</u> Township <u>20S</u> Range <u>36E</u> NMPM County <u>Lea</u>		8. Well Number 165
11. Elevation (Show whether DR, RKB, RT, GR, etc.)		9. OGRID Number 005380
		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 COMPL ☐  
DOWNHOLE COMMINGLE ☐

OTHER: Penrose/GB Sonic Hammer Acid Stimulation ☒

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐  
COMMENCE DRILLING OPNS. ☐ P AND A ☐  
CASING/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. MIRU PU. ND WH. POOH w/rods & pump. NU BOP. POOH & scanalog production tubing out of hole.
  2. PU & RIH w/4-3/4" bit and 2-7/8" tubing. Tag fill & calculate sand necessary to plug back to 3930'.
  3. RIH open ended & spot sand. PH to 3930' w/20/40 mesh sand. Will need 13.2# sand per ft of 4-3/4" open hole to plug back. If PBDT is 4,045', 1520# of sand will be needed.
  4. RIH & tag sand. PBDT should be close to 3930'. If not, approximate & plug back with more sand.
  5. RU WL & dump 2 sks of Class "C" cement + 2% bentonite on top of sand plug. Mix cement w/11 gals total water. WOC & tag cement plug. PU & RIH w/Sonic Hammer on 2-7/8" tubing. RU stripping head.
- Cont'd. on next Page.

Spud Date:

Rig Release Date:

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Kristy Ward TITLE Regulatory Analyst DATE 12/16/08  
Type or print name Kristy Ward E-mail address: kristy\_ward@xtoenergy.com PHONE 432-620-6740

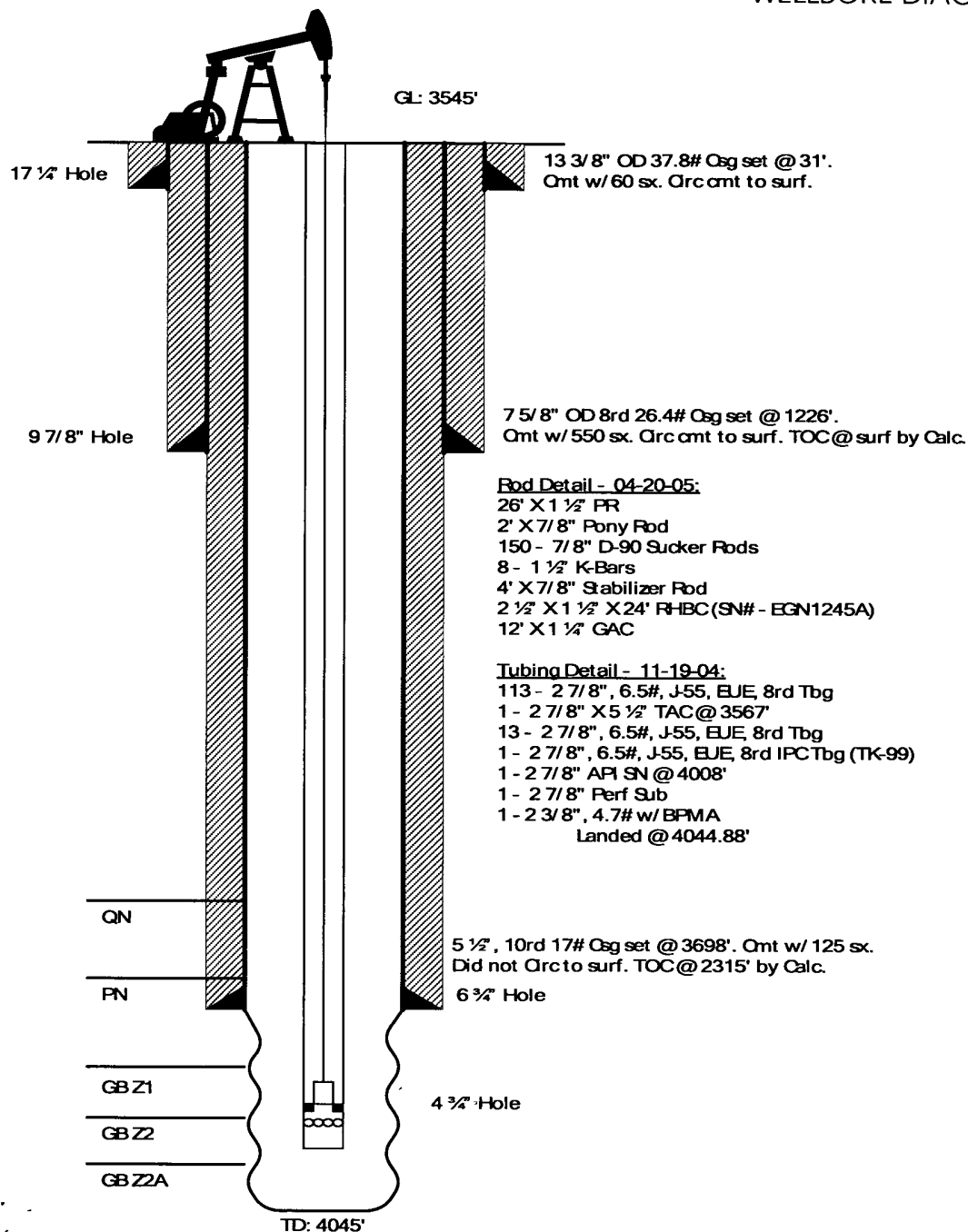
For State Use Only

APPROVED BY [Signature] TITLE PETROLEUM ENGINEER DATE JAN 12 2009  
Conditions of Approval (if any):

6. MIRU acid company. SH open hole from 3698' down to 3910' with 80 bbls brine while circulating to reverse pit. Circulate clean. Close in backside and Sonic Hammer open hole from 3910' up to 3698' with 2,500 gals 20% 90/10 acid with a max pressure of 2500 psig on tubing and 500 psig on backside as follows.
7. Flush acid with 25 bbls brine water. Drop ball to shift sleeve in tool.
8. Flow back or RU swab and swab back acid load. Determine flow rate and oil cut. If decision is made to chemically squeeze well, continue to step #6. If not, skip to step #8.
9. MIRU pumping company. Squeeze open hole with scale inhibitor as per Champion's recommendations down tubing in 4 stages dropping rock salt for block between each stage. Start with 250# block and adjust. Treatment should be designed assuming 500 bfpd total rate. Flush per Champion's recommendation.
10. RDMO. POOH with tubing and LD sonic hammer. RIH with production equipment based on a 500 bfpd total rate or better estimate based on swab results.
11. ND BOP. NU WH. RIH with rods and pump. RWTP. RDMO PU.-

# Eunice Monument So. Unit #165

## WELLBORE DIAGRAM



## DATA

**LOC:** 1980' FSL & 660' FWL, SEC 36-L, T-20S & R-36E

**FIELD:** EUNICE MONUMENT

**FORMATION:** GRAYBURG/SAN ANDRES

**PRODUCER**

**SPUD DATE:**

**API #:** 30-025-04427

**COUNTY/STATE:** LEA, NM

**CURRENT STATUS:**

**COMPLETION DATE:** 02-16-38

**INITIAL IP:** 1567 BOPD/ 2056 MCF

## WELL HISTORY

### COMPLETION DATA:

**02-38:** ACDZ OH 3698-3855'. ACDZ W/2000 GALS 60/40 ACID. OIL GRAVITY 32.9 DEG

### WORKOVER HISTORY:

**08-59:** INSTALL PUMPING EQUIPMENT.

**10-64:** ACDZ W/500 GALS 15% NE ACID. TEST: 28 BO/ 19 BW. B/4: 20 BO/ 25 BW.

**06-70:** ACDZ W/500 GALS 15% ACID. TEST: 10 BO/ 16 BW. B/4: 6 BO/ 12 BW.

**08-70:** ACDZ W/750 GALS 15% ACID. TEST: 22 BO/ 19 BW. B/4: 10 BO/ 15 BW.

**03-73:** ACDZ W/750 GALS 15% ACID. TEST: 11 BO/ 10 BW. B/4: 0 BO/ 26 BW.

**01-80:** ACDZ W/750 GALS 15% ACID. TEST: 7 BO/ 12 BW. B/4: 4 BO/ 12 BW.

**09-81:** ACDZ W/750 GALS 15% ACID. TEST: 5 BO/ 10 BW. B/4: 4 BO/ 3 BW.

**11-85:** INSTALL 7-1/16" 3M TBG HD. C/O TO 3844'. RAN GR/CNL/CCL. ACDZ OH W/5000 GALS 15% HCL + 1200# GRS. CHEM SQZD. RTP. TEST: 7 BO/ 0 BW. B/4: 3 BO/ 10 BW. ISIP - VAC.

**06-88:** DEEPEN WELL TO 4045'. LOG W/GR/CCL/CNL/CDL/CALIPER. PWOP. TEST: 21 BOPD/ 63 BWPD/ 49 MCFGPD.

**09-89:** CHEMICAL SQUEEZE.

**03-90:** DUMP ACID JOB - 1000 GALS, 15% NEFE HCL. TEST: 15 BO/ 62 BW/ 52 MCFGPD. B/4 WORK - 15 BO/ 56 BW/ 39 MCFGPD.

**08-90:** CHEMICAL SQUEEZE.

**05-91:** ACDZ OH W/4500 GALS 15% NEFE. DRP'G 3 BLKS 500# GRS, 1000# GRS, 1500# GRS. RTP. TEST: 18 BO/ 121 BW/ 60 MCF. B/4: 5 BO/ 106 BW/ 26 MCFG.

**07-96:** PKL TBG W/300 GALS 15% ACID. ACDZ OH W/8500 GALS RESISOL IN 5 STGS. SWB - NO FLUID ABOVE SN. TIH W/PT & EQUIP. TOTP.

**05-05:** CHEM SQZ, PMP 130 BW W/2 DRMS GYPTRON T-249 DN TCA @ 2 BPM & 0 PSIG. PMP INHIB PILL DWN CSG. FLUSH W/485 BW & 10 GALS DP-61 @ 2 BPM & 0 PSIG.

**02-02-08:** CHG'D SHEAVE & SPED PMPG UNIT UP TO 835 SPM TO LWR FL (100 FAP).

### ADDITIONAL DATA:

T/QUEEN FORMATION @ 3518'

T/PENROSE FORMATION @ 3696'

**Eunice Monument So. Unit #165**  
WELLBORE DIAGRAM

T/GRAYBURG ZONE 1 @ 3882'  
T/GRAYBURG ZONE 2 @ 3928'  
T/GRAYBURG ZONE 2A @ 4025'  
T/GRAYBURG ZONE 3 @ 4065'  
T/GRAYBURG ZONE 4 @ 4100'  
T/GRAYBURG ZONE 5 @ 4170'  
T/GRAYBURG ZONE 6 @ 4215'  
T/SAN ANDRES @ 4245'