Form 3160-5
(April 2004)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD-HOBBS

FORM APPROVED
OMB NO 1004-0137
Expires March 31, 2007

**SUNDRY NOTICES AND REPORTS ON WELLS**

***Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.***

***SUBMIT IN TRIPLICATE - Other instructions on reverse side***

RECEIVED
SEP - 2 2008
HOBBS OCD

5 Lease Serial No.
NM LC031740B

6 If Indian, Allottee or Tribe Name

7 If Unit or CA/Agreement, Name and/or No.
NM70948A

1. Type of Well
[X] Oil Well [ ] Gas Well [ ] Other

8 Well Name and No
Eunice Monument South Unit #626

2. Name of Operator
XTO Energy Inc.

9 API Well No.
30-025-31465

3a Address
200 N. Loraine, Ste. 800 Midland, TX 79701

3b Phone No (*include area code*)
432-620-6740

10 Field and Pool, or Exploratory Area
Eunice Monument; Grayburg-San Andres

4. Location of Well (*Footage, Sec., T., R., M., or Survey Description*)
2650' FSL & 1630' FWL
Unit Ltr. F, Section 4, T-21S, R-36E

11. County or Parish, State
Lea NM

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

| TYPE OF SUBMISSION | TYPE OF ACTION | | | |
|---|---|---|---|---|
| [X] Notice of Intent | [ ] Acidize | [ ] Deepen | [ ] Production (Start/Resume) | [ ] Water Shut-Off |
| [ ] Subsequent Report | [ ] Alter Casing | [ ] Fracture Treat | [ ] Reclamation | [ ] Well Integrity |
| [ ] Final Abandonment Notice | [ ] Casing Repair | [ ] New Construction | [ ] Recomplete | [X] Other Test, Sqz., & Reactivate |
| | [ ] Change Plans | [ ] Plug and Abandon | [ ] Temporarily Abandon | |
| | [ ] Convert to Injection | [ ] Plug Back | [ ] Water Disposal | |

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the final site is ready for final inspection.)

1. MIRU. Rack up 3,900' of 2-7/8" J-55 WS. ND WH. NU BOP. PU & RIH w/4-3/4" bit & DC's on 2-7/8" WS.
2. Drill out CIBP at 3,600' & clean well out to PBTD at ~~3,086~~ 3806'. RIH w/production equipment based on a 500-600 bfpd rate. ND BOP. NU WH.
3. RWTP. RDMOPU. Put well in test. If well fails to produce hydrocarbons and/or excess water, proceed to next step.
4. MIRUPU. Rack up 3,900' of 2-7/8" J-55 WS. ND WH. NU BOP. PU & RIH w/4-3/4" bit & DCs on 2-7/8" WS.
5. Drill out CIBP at 3,806' & clean out well to TD @ 3,870'. PU & RIH w/5-1/2" pkr & collar locator on 2-7/8" WS. Set pkr @ 3,741'. L&T BS (sqz'd perfs fr 3,648-3,738') to 500 psi.
6. Unset pkr & RIH to 3,810'. Set pkr. RU swab. Swab on perfs fr 3,816-3,865'. Monitor backside & check for communication between perfs below pkr & perfs above pkr. Determine flow rate & oil cut.
7. Decision will be made whether to proceed to sqz well or return it to production.

See next page for Squeeze procedure.

APPROVED
AUG 27 2008
JAMES A. AMOS
SUPERVISOR-EPS

14 I hereby certify that the foregoing is true and correct
Name (*Printed/Typed*)
Kristy Ward

Title Regulatory Analyst

Kristy Ward

Date 7/22/2008

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

| Approved by | Title | Date |
|---|---|---|
| Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon. | Office | |

Title 18 U.S.C Section 1001, and Title 43 U.S.C. Section 1212, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

XTO ENERGY

# EMSU 626
# Grayburg Recompletion and Reactivation Procedure
# LEA COUNTY, NEW MEXICO
# June 19, 2008

**Squeeze Well**

1. POOH w/pkr and.WS. PU and RIH w/5-1/2" CICR on WS. Set CICR at ~ 3,640'.

2. MIRU sqz company (to be determined later). Load BS and monitor during cmt sqz. Establish injection rate dwn WS. Sqz perfs from 3,744 – 3,865' as per forthcoming procedure. Sting out reverse circulate clean and POOH. Shut-in overnight.

3. PU & RIH w/4-3/4" bit & DC's on 2-7/8" WS. Tag top of CICR @ 3,640'. RU power swivel.

4. DO CICR/sqz to ~3,810'. Circulate hole clean. Pressure test csg to 500 psi. Report results to Midland.

5. MIRU Wireline. TIH with 3-3/8" casing gun and perforate 3,775 – 3,783' (8', 24 holes) and 3,752 – 3,758' (6', 18 holes) with 3 JSPF, 120 degree phasing, and premium charges. Correlate perforating with the ***Spectral Density Dual Spaced Neutron Log*** run but Halliburton on 12/16/1991. POOH. RDMO wireline company.

6. PU and TIH with 5-1/2" RBP, collar locator, and treating packer on WS. Set RBP at 3,790'. Test to 500 psi. (Log shows casing collars at 3,771' and 3,798')

7. MIRU acid/pumping company. Test lines to 3,000 psi.

8. Pull packer to 3,768' and reset. Monitor backside. Breakdown perfs fr 3,775 – 3,783' and pump 1,000 gals (24 bbls) of 15% NEFE acid at a **max rate/pressure of 1 BPM/900 psi. If perfs communicate up, PUH to ~3,750' and set pkr. Pump remainder of job.**

9. Unset packer and RIH to RBP. Unset RBP. PUH to 3,765' and set RBP. PUH to 3,750' and set packer. (Log shows casing collars at 3,748' and 3,771')

10. Monitor backside. Breakdown perfs fr 3,752 – 3,758' and pump 800 gals (19 bbls) of 15% NEFE acid at a **max rate/pressure of 1 BPM/900 psi.**

11. Unset packer and RIH to RBP. Unset RBP. RIH to 3,790' and set RBP. PUH to 3,768' and set packer. (Log shows casing collars at 3,771' and 3,798').

XTO ENERGY

# EMSU 626
## Grayburg Recompletion and Reactivation Procedure
## LEA COUNTY, NEW MEXICO
## June 19, 2008

12. RU swab and swab perfs fr 3,775 – 3,783'. Monitor backside for communication. Determine flow rate and oil cut. If perfs communicate, PUH w/pkr to 3,750' and swab both sets of perfs (3,752 – 3,783'). Then continue on to step #16. If no communication, continue to step #14. Report results to Midland.

13. Unset packer and RIH to RBP. Unset RBP. PUH to 3,765' and set RBP. PUH to 3,750' and set packer. (Log shows casing collars at 3,748' and 3,771').

14. RU swab and swab perfs fr 3,752 – 3,758'. Monitor backside for communication. Determine flow rate and oil cut. Report results to Midland.

15. RD swab. Unset RBP and packer and POOH. ND BOP. NU WH. RIH with production equipment based on a rate derived from swab results.

16. RWTP. RDMOPU. Put well in test.

**RECOMMENDED:** _____
Lane Pearson

**APPROVED:** _____ 06/25/08
Guy Haykus

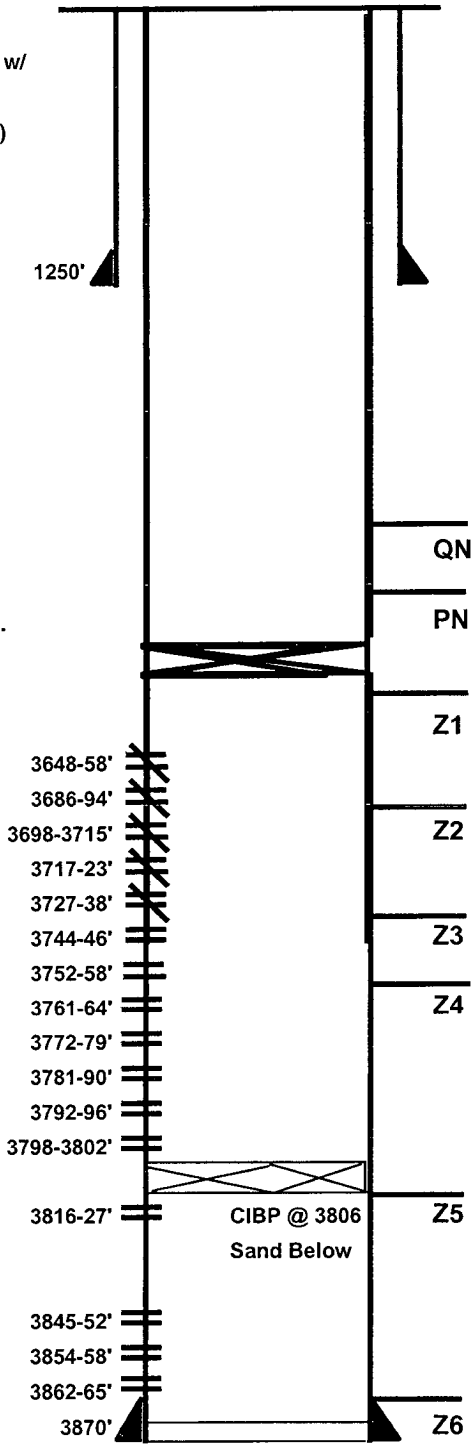
**APPROVED:** _____
Trey Krampf

# UPDATED
# WELLBORE DIAGRAM

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| LEASE: | EMSU | WELL: | 626 | FIELD: | Eunice-Monument | API: | 30-025-31465 |
| LOC: | 1630 FWL & 2650 FSL, Unit N | SEC: | 4 | BLK: | T21S, R36E | REF NO: | KZ3315:01 |
| SVY: | N.M.P.M. | GL: | 3579 | CTY/ST | Lea Co., NM | SPUD: | 12/11/1991 |
| CURRENT STATUS: | TA'd Producer | KB: | 3589 | DF: | | TD DATE: | 12/18/1991 |

8-5/8", 23#/ft M-50
Surf. Pipe set @ 1250' w/
800 SX cement
Cmt Circ.? Yes (81 SX)
(12-1/4" hole)

5.5", 15.5#/ft K-55 Csg.
set @ 3870' w/ 825 SX
Cmt Circ.? Yes
Circ. 106 SX to surf.
(7-7/8" hole)




PBTD @ 3806'
TD @ 3870'

**Drilled as a 20-acre infill well**

**Date Completed: 1-15-92**
**Initial Prod: 54 BOPD/ 395 BWPD/ 20 MCFGPD**
**Initial Formation: Grayburg From: 3648' To: 3865'**
**Completion Data:**
Drill out to 3868' (PBTD). Perf 3845-52, 3854-58 & 3862-65 (2 JHPF). ACDZ w/ 1000 gal 15% NeFeA & RCNBs. AIR 2 BPM @ 1000 psi, Swb 63 BW. Swb 2 BO/ 98 BW/ FFeR=20 BPH.

Perf 3816-27 (2 SPF), set RBP @ 3836', Swab test perfs (3816-27), FFeR 22 BPH w/ FL staying 2500 FFS, Next Day - 18 BPH entry rate with 1% oil cut, FFL 2700 FFS, Set RBP @ 3805'

Perf 3752-58, 3761-6, 3772-79, 3781-90, 3792-96, 3798-3802 (2 JHPF). ACDZ w/ 3600 gal 15% NeFeA & 140 RCNBs. AIR 4-5 BPM @ 1100 psi, ISIP 500, 5 min vac

Swb 49 BF, IFC=0% oil. FFC=2% oil, Next Day -swb 9 BO/ 36 BW FFeR=25 BPH. IFL 2300', FFL 2600, Set RBP @ 3742'

Perf 3648-58, 3686-94, 3698-3715, 3717-23 & 3727-38 (1 JHPF). ACDZ w/ 3600 gal 15% NeFeA & 96 RCNBs. AIR 4 BPM @ 1000 psi, Swb 163 BF. IFC=0% oil, FFC=2% oil Swb 22 BF, IFC=60% oil, FFC=2% oil. Isolate 3686-3738 Swb 159 BF, IFC=2% oil. FFC=trace oil. Swb 5 BF, IFC=75% oil. Isolate 3648-58, swb 72 BF, 2% oil cut. FFeR=19 BPH. Put on prod.

**Workover History:**
**12/96** Spot 2100# sand f/ 3699-3868. Set CICR @ 3585. Cmt w/ 175 SX (115 SX in formation). D/O CICR & cmt to 3800. CO sand to 3868.

**7/2/98** Dump 1250# from 3807-3868 , Set CIBP @ 3806' & perf 3744-46' (3 SPF). ACDZ 3744-3806' w/ 3000 gal 15% S-3000 w/ 70Q 1% KCl foamed w/ N2. AIR 3-4 BPM @ 1500-1680 psi, Swab 2% OC w/ FFL @ 2600'

Spot 1600# sand to PB to 3742'. Set CIBP @ 3741', Set CICR @ 3547'. ACDZ 3648-3740 w/ 1000 gal 15% 90/10 NeHCl. SQZD 3648-3738' w/ 300 SX Cl C cement foamed w/ 175 SCF/B N2 (68 SX in form.). DO CIBP to 3765' (no cmt below CIBP), wash sd to 3804' Circ. clean. Swb. Run PE. RTP.

**09/2007** Set CIBP @ 3600, fill up Csg w/ pkr fluid, Well TA'd

**Additional Data:**
T/Queen Formation @ 3341'
T/Penrose Formation @ 3472'
T/Grayburg Zone 1 @ 3635'
T/Grayburg Zone 2 @ 3673'
T/Grayburg Zone 2A @ 3698'
T/Grayburg Zone 3 @ 3731'
T/Grayburg Zone 4 @ 3764'
T/Grayburg Zone 5 @ 3809'
T/Grayburg Zone 6 @ 3859'
T/San Andres Formation @ 3860'
KB @ 3589'

7/25/2008