

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

OCT 02 2009

HOBBSOCD

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

WELL API NO. 30-025-04532
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 195
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 type="checkbox"/> Gas Well <input type="checkbox"/> Other Injection <input checked="" type="checkbox"/>	7. Lease Name or Unit Agreement Name: Eunice Monument South Unit
2. Name of Operator XTO Energy, Inc.	8. Well Number 195
3. Address of Operator 200 N. Loraine, Ste. 800 Midland, TX 79701	9. OGRID Number 005380
4. Well Location Unit Letter <u>H</u> : <u>1965'</u> feet from the <u>North</u> line and <u>660'</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>	10. Pool name or Wildcat Eunice Monument; Grayburg-San Andres
11. Elevation (Show whether DR, RKB, RT, GR, etc.)	

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: Clean Out & Acid Stimulation; RWTI ☒

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.

- MIRU PU. MI & rack 4000' of 2-7/8" N-80 workstring. ND WH. NU BOP. Release inj pkr & POOH w/2-3/8" IPC injection tbgs. & LD old injection packer.
- PU & RIH with notched collar on 2-7/8" WS. Tag for fill.
- PUH to 3830'. From PBTD, use the calculation of 13.9142 lbs/lin ft to plug back to the depth 3880' with 20/40 mesh sand (i.e. if tagged at 3920', use 550 lbs of 20/40 mesh sand to plug back to 3880'). Add sand if necessary to plug back to 3880'.  
Procedure 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 9/28/09  
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 OCT 07 2009  
Conditions of Approval (if any):



**EMSU #195 WIW**  
**Clean Out and Stimulation Procedure**  
**Lea County, New Mexico**  
**September 28, 2009**

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**ELEVATION:** TD – 4040' KB – 3564'  
PBTD – 3920' (fill) GL – 3568'

**WELL DATA:**

Current Status: Injecting. Current Inj Rate and Pressure: 622 bwipd at 750 psig

Surface Casing: 16" 70 ppf. Set at 39.50'. Cemented with 60 sx. TOC at surface.

Int. Casing: 7-5/8" 22 ppf. Set at 1162'. Cemented with 567 sx. TOC at surface.

Prod. Casing: 5-1/2" 17 ppf. Set at 3753'. Cemented with 300 sx.  
TOC at 433' by calc.

**COMPLETION:**

Perfs:	3690 – 3706'	Grayburg 1	(Sgz'd 1998)
Open Hole:	3753 – 3789'	Grayburg 2	(36')
(4-3/4" Hole)	3789 – 3837'	Grayburg 2A	(48')
	3837 – 3893'	Grayburg 3	(56')
	3893 – 4040'	Grayburg 4, 5	(147')

**OBJECTIVE:** Clean Out and Acid Stimulation; RWTI

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**RECOMMENDED PROCEDURE**

*(Verify that anchors have been set and tested per NM OCD and OSHA guidelines)*

***This is a STATE well.***

4. MIRU Wireline. RIH with cement bailer and dump 2 sx of 2% KCL Class "C" cement on top of sand plug. POOH with bailer. Wait 2 hours for cement. Tag new PBTD should be 3860'. RDMO Wireline.
5. PU and RIH with 5-1/2" (4-3/4" hole) openhole packer with pump out plug ball seat, 4 jts of 2-7/8" WS, 5-1/2" compression packer on 2-7/8" WS (see attached schematic). Set upper compression packer above 3621' (old injection packer depth) and where the bottom packer can remain in the casing between 3706' and the casing shoe at 3753'. Load and test TCA to confirm packer seat. Hold to 500 psig during job. Drop ball to set openhole packer.



EMSU #195 WIW

## Clean Out and Stimulation Procedure

Lea County, New Mexico

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6. MIRU Pumping company. Test lines to 3000 psig. Treat the openhole with **2500 gals of 20% 90/10 acid/xyl** in 4 stages dropping rock salt for block between each stage. **Max treating pressure: 1250 psig.** Use the following pump schedule but **adjust the volumes as necessary** on job to achieve good block action:
  - a. 500 gals acid
  - b. 400 lbs rock salt in 10 bbls 9 ppg brine
  - c. 1,000 gals acid
  - d. 800 lbs rock salt in 15 bbls 9 ppg brine
  - e. 1,000 gals acid
  - f. Over flush with 20 bbls fresh wtr
7. RDMO acid company. Shut well in for two hours. RU swab and swab back acid load.
8. Release packers. POOH and LD WS and packers.
9. RIH with new 5-1/2" injection packer and on/off tool with 1.781" profile nipple on 2-3/8" IPC tbg. Set packer at 3615' (or just above 3621'). Circulate TCA with packer fluid.
10. Notify NMOCD for witnessing of MIT. Record pressure on a chart and send to OCD.
11. Establish an injection rate and shut-in well. ND BOP. NU WH. RDMO PU. Wait for approval from OCD to return to injection.