

Submit 3 Copies To Appropriate District
Office
District I
1625 N. French Dr., Hobbs, NM 87401
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

OIL CONSERVATION DIVISION

220 South St. Francis Dr.

Santa Fe, NM 87505

WELL API NO. 30-025-04511
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 197
9. OGRID Number 005380
10. Pool name or Wildcat Eunice Monument; Grayburg-San Andres
11. Elevation (Show whether DR, RKB, RT, GR, etc.)

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"/>	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>F</u> : <u>1980'</u> feet from the <u>North</u> line and <u>1980'</u> feet from the <u>West</u> line Section <u>5</u> Township <u>21S</u> Range <u>36E</u> NMPM County <u>Lea</u>
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.

1. 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 tbg. & LD old injection packer.
2. PU & RIH with notched collar on 2-7/8" WS. Tag for fill.

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 #197 WIW
Clean Out and Stimulation Procedure
Lea County, New Mexico
September 28, 2009

ELEVATION: TD – 4005' KB – 3578'
PBSD – 3992' (fill) GL – 3567'

WELL DATA:

Current Status: Injecting. Current Inj Rate and Pressure: 458 bwipd at 750 psig

Surface Casing: 15-1/2" 70 ppf. Set at 275'. Cemented with 200 sx. TOC at surface.

Int. Casing: 10" 40 ppf. Set at 1170'. Cemented with 655 sx. TOC at surface.

Prod. Casing: 7" 24 and 26 ppf. Set at 3754'. Cemented with 350 sx.
TOC at 2330' by CBL.

COMPLETION:

Perfs:	3680 – 3684'	Grayburg 1	(4', 8 holes)
	3702 – 3704'	Grayburg 1	(2', 4 holes)
	3709 – 3712'	Grayburg 1	(3', 6 holes)
	3716 – 3719'	Grayburg 1	(3', 6 holes)
	3724 – 3728'	Grayburg 1, 2	(4', 8 holes)
	3730 – 3734'	Grayburg 2	(4', 8 holes)
Open Hole:	3754 – 3761'	Grayburg 2	(7')
(6-1/8" Hole)	3761 – 3798'	Grayburg 2A	(37')
	3798 – 3855'	Grayburg 3	(57')
	3855 – 3900'	Grayburg 4	(45')
	3900 – 3940'	Grayburg 5	(40')
	3940 – 4005'	Grayburg 6	(65')

OBJECTIVE: Clean Out and Acid Stimulation; RWTI

RECOMMENDED PROCEDURE

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

This is a STATE well.

3. PUH to 3900'. From PBSD, use the calculation of 22.9008 lbs/lin ft to **plug back to the depth 3962'** with 20/40 mesh sand (i.e. If tagged at 3992', use 690 lbs of 20/40 mesh sand to plug back to 3962'). Add sand if necessary to plug back to 3962'. Wait 1 hour for sand to settle.



EMSU #197 WIW

Clean Out and Stimulation Procedure

Lea County, New Mexico

September 28, 2009

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 3950'. RDMO Wireline.
5. PU and RIH with 7" (6-1/8" hole) openhole packer with pump out plug and ball seat, on 2-7/8" WS. **Set at 3744'**. Load and test TCA to confirm packer seat. Drop ball to set openhole packer.
6. MIRU Pumping company. Hold to 500 psig during job. Test lines to 3000 psig. Treat the openhole with **3500 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. 750 gals acid
 - b. 400 lbs rock salt in 10 bbls 9 ppg brine
 - c. 1,250 gals acid
 - d. 900 lbs rock salt in 15 bbls 9 ppg brine
 - e. 1,500 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 7" injection packer and on/off tool with 1.781" profile nipple on 2-3/8" IPC tbg. Set packer at 3600' (or just above 3611'). 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 begin injection.
12. Run injection profile after injection rate and pressure stabilizes but no later than 1 month after converting.