

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
RECEIVED
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505
OCT 02 2009
HOBBS

Form C-103
June 19, 2008

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.)		WELL API NO. 30-025-04515
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other Injection <input checked="" 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>D</u> : <u>654'</u> feet from the <u>North</u> line and <u>660'</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>		8. Well Number 187
		9. OGRID Number 005380
		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: Coil Tubing Clean Out; 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 4 jts of 2-3/8" 4.7 ppf tbg. ND WH. NU BOP. Unset packer & PU 4 jts of 2-3/8" tbg. Set packer between squeezed perfs at 3699' and casing shoe at 3725' if possible. ND BOP. NU WH. RDMO PU.

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

kristy_ward@xtoenergy.com

E-mail address: PHONE 432-620-6740

For State Use Only

PETROLEUM ENGINEER

OCT 07 2009

APPROVED BY

[Signature]

TITLE

DATE

Conditions of Approval (if any):



EMSU #187 WIW
Coiled Tubing Clean Out Procedure
Lea County, New Mexico
September 28, 2009

ELEVATION: TD – 4000' KB – 3550'
PBTD – 3924' GL – 3550'

WELL DATA:

Current Status: Injecting. Current Inj Rate and Pressure: 426 bwipd at 750 psig

Surface Casing: 12-1/2" 50 ppf. Set at 250'. Cemented with 250 sx. TOC at surface.

Int. Casing: 9-5/8" 36 ppf. Set at 1252'. Cemented with 500 sx. TOC at surface.

Prod. Casing: 7" 24 ppf. Set at 3725'. Cemented with 250 sx.
TOC at 2188' by calc.

Tubing: 114 jts 2-3/8", 4.7 ppf, J-55, 8rd, with ext upset
Guiberson G-6 pkr, On/Off tool with 1.781" profile nipple at 3573'

COMPLETION:

Perfs:	3642 – 3699'	Grayburg 1, 2	(Sqz'd 1998)
Open Hole:	3725 – 3728'	Grayburg 2	(3')
	3728 – 3759'	Grayburg 2A	(31')
	3759 – 3812'	Grayburg 3	(53')
	3812 – 3882'	Grayburg 4	(70')
	3882 – 3924'	Grayburg 5	(58')
	Baker PIP OH Packer with plug @ 3924'		
	3924 – 3943'	Grayburg 5	(19')
	3943 – 3993'	Grayburg 6	(50')
	3993 – 4000'	San Andres	(7')

OBJECTIVE: Coil Tubing Clean Out; RWTI

RECOMMENDED PROCEDURE

(Verify that anchors have been set and tested per NM OCD and OSHA guidelines)
This is a STATE well.

(If packer won't set in the interval, POOH with all and LD 4 jts and replace original injection packer with new 7" injection packer. RIH with packer and On/Off tool with 1.781" profile nipple and 2-3/8" IPC injection tubing. Set packer at 3570', or just above 3573'). ND BOP. NU WH. RDMO PU.)



EMSU #187 WIW

Coiled Tubing Clean Out Procedure

Lea County, New Mexico

September 28, 2009

2. MIRU CTU.
3. RIH with 1.250" oscillator on 1.250" coil tubing to 3725'.
4. Wash down through open hole from 3725' to 3900' with 9 ppg brine. Wash open hole with 3 passes. Circulate bottoms up.
5. Spot **2 bbls 20% 90/10 acid at 3900'**. Reciprocate through openhole while acid washing with the backside closed-in with **3000 gals 20% 90/10 acid. Max treating rate/pressure: 1.5 BPM/3000 psig.**
6. Displace coil tubing with 25 bbls brine and displace perf interval with 25 bbls brine.
7. POOH with coil tubing. RDMO CTU.

(If packer was able to set between squeezed perfs at 3699' and casing shoe at 3725', proceed to next step. If packer was not able to set in specified interval and performed at original setting depth, RWTI.)

8. MIRU PU.
9. ND WH. NU BOP. Unset packer and POOH with all, and LD top 4 jts of 2-3/8" tbg. Replace original injection packer with new 7" injection packer. RIH with packer and On/Off tool with 1.781" profile nipple and 2-3/8" IPC injection tubing. Set packer at 3570', or just above 3573'. Load 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.