

Submit 1 Copy To Appropriate District
Office
District I
1625 N. French Dr., Hobbs, NM 88240
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
Revised July 18, 2013

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

WELL API NO.	30-025-37321
5. Indicate Type of Lease	STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
6. State Oil & Gas Lease No.	
7. Lease Name or Unit Agreement Name:	EUNICE MONUMENT SOUTH UNIT
8. Well Number	713
9. OGRID Number	005380
10. Pool name or Wildcat	Eunice Monument; SA-Grayburg
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 ☒ Gas Well ☐ Other ☐

2. Name of Operator
XTO Energy, Inc.

3. Address of Operator
500 W. Illinois St Ste 100 Midland, TX 79701

4. Well Location

Unit Letter **O** : **1310** feet from the **South** line and **2205** feet from the **East** line
Section **9** Township **21S** Range **36E** NMPM County **Lea**

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 ☐
CLOSED-LOOP SYSTEM ☐
OTHER: **OAP, Acidize & RWTP** ☒

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 19.15.7.14 NMAC.. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

XTO Energy, Inc respectfully requests to OAP, Acidize & RWTP the referenced well with the attached procedure:

New Perfs: 3885-3982' (165 Holes Total)

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 Stephanie Rabadue TITLE Regulatory Analyst DATE 05/20/2017

Type or print name Stephanie Rabadue E-mail address: stephanie_rabadue@xtoenergy.com PHONE 432-620-6714

For State Use Only

APPROVED BY [Signature] TITLE Petroleum Engineer DATE 06/02/17
Conditions of Approval (if any):



EMSU #713

OAP, ACIDIZE & RWTP on Beam

May 24, 2017

CASING: 8-5/8", 24#, J-55, STC csg @ 1,319'. Cmt'd w/625 sx. Circ.
5-1/2", 17#, J-55, LTC csg @ 4,226'. Cmt'd w/1,250 sx. Circ.

TUBING: Kill string.

PBTD: CIBP @ 3,785' w/5 sxs cmt on top. CIBP @ 4,020'

GB PERFS: GB 3: 3,885' – 3,904' (3 SPF, 57 HOLES).
GB 4: 3,824' – 3,840' & 3,952' – 3,960' (3 SPF, 72 HOLES).
GB 5: 3,970' – 3,982' (3 SPF, 36 HOLES).

CURRENT STATUS: TA'd on 10/7/16

OBJECTIVE: OAP, Acidize, RWTP on Beam. Charge to AFE #1702696 (CW type).

NOTE: CLASS II WELL. MAKE SURE & USE PROPER SIZED BOP RAMS WHEN CHANGING TO A DIFFERENT TUBING SIZE. AT A MINIMUM, PLEASE ENSURE CLASS II BOP EQUIPMENT IS USED.

1. MIRU PU. MI & rack $\pm 4,050'$ of 2-7/8", 4.7#, L-80 WS. Check for wellhead pressure and bleed off/kill well. ND WH. NU BOP.
2. TIH w/4-3/4" bit, DC'S on $\pm 3,785'$ 2-7/8" WS to DO cmt & CIBP @ $\pm 3,785'$. Attp to establish circulation w/FW & CO to PBTD @ 4,020' (CIBP). **CONTACT MIDLAND IF FILL IS TAGGED ABOVE 3,985'**. Rev circ well clean. POOH & LD 4-3/4" bit, DC's.
3. RU WL w/5K full lubricator. RIH w/GR/CCL/3-1/8" csg gun & perf total 50 holes in the GB 2 & 18 holes in the GB 1 @ 2 JSPF, 120⁰ phased, 0.50" EHD (use GeoDynamics 3319 BASIX XDP, EC2-33A1921, 19 gram RDX or equivalent charges) as follows:



EMSU #713
OAP, ACIDIZE & RWTP on Beam
May 24, 2017

EMSU #713 Additional Perfs							
Stage	Zone	Top (Ft)	Bottom (Ft)	JSPF	Holes	Phasing (deg)	Shot Fired?
1	GB 2	3875	3877	2	4	120	
		3851	3862	2	22	120	
		3846	3849	2	6	120	
		3820	3829	2	18	120	
Total					50		
Stage	Zone	Top (Ft)	Bottom (Ft)	JSPF	Holes	Phasing (deg)	Shot Fired?
2	GB 1	3812	3814	2	4	120	
		3792	3794	2	4	120	
		3779	3781	2	4	120	
		3773	3776	2	6	120	
Total					18		

4. POOH and LD perforating guns. RDMO WL company.
5. MIRU acid company. Test lines to 3,000 psig.
6. PU & TIH to 3,982' w/Sonic Hammer tl on 2-7/8" tbg. RU stripping head. Sonic Hammer wash perfs fr/3,982' – 3,773' w/100 bbls brine water (approximately 30 bbls/stand) while circulating to reverse pit. Close in backside.
7. Sonic Hammer acidize perfs fr/3,982' – 3,773' w/4,500 gals (approx. 32 bbls/stand) 15% 90/10 acid/xylene with a maximum pressure of 3,000 psig on tbg and 500 psig on backside. Flush w/30 bbls brine water.
8. Drop ball to shift sleeve in SH tl. SWI for 30 minutes to wait on acid. RDMO acid company.
9. RU swab tls and swab back acid load. POOH & LD SH acid tls.
10. Production equipment should be designed for an expected rate of 500 BFPD. RIH w/2-1/4" tbg pump barrel on 2-7/8" production tbg and land w/SN @ 3,720'. Ryan Jarret to provide recommended tbg BHA.
11. ND BOP. NU WH. RIH w/rods as follows: 2-1/4" tbg plunger, 600' of K-SB's and 3,120' of 1" WFT KD63 rods. Space well out appropriately to surface with ppg unit in the 144" SL hole.
12. RDMO PU. RWTP @ 7.5 SPM.

proposed



Well: EMSU 713
Location: Section 9-21S-36E
 1310' FSL & 2205' FEL
County: Lea
Elevation: 3586' GL 3603' KB

API # 30-025-37321

Spud: 9/2005
State: New Mexico

G/O 3753'
 GRBG 3771'
 GB2 3818'
 GB2A 3845'
 GB3 3880'
 GB4 3930'
 O/W_TR 3954'
 GB5 3970'
 GB6 3997'
 O/W 4004'
 SADR 4043'

8-5/8", 24#
 Set at 1319'.
 Cemented with 625 sx.
 Circulated

Z1

Z2

Z2A

Z3

Z4

Z5

Z6

SA

Perfs:
 Z1 - None
 Z2 - None
 Z2A - None
 Z3 - 3885-3904'
 Z4 - 3928-40', 3952-60'
 Z5 - 3970-80'
 Isolated by CIBP @ 4020'
 Z6 - 4042-52'

CIBP @ 4020'

History:

10/05 - Perf 4042-52'. Acidize w/ 800 gals 15%. Swab 255 bbl water in 7 hrs. BFL 1200 FFS, EFL 1200 FFS. Set CIBP @ 4020'.

10/28/05 - Perf 3952-60'. Acidize w/ 600 gals 15%. Swab 97 bbls water in 5 hrs. BFL 1600 FFS, EFL 2500 FFS.

11/01/05 - Swab 138 bbls water in 10 hrs. BFL 2000 FFS, EFL 2700 FFS.

11/2/05 - Perf 3885-3904', 3928-40', 3970-80'. Acidize w/ 3100 gals 15% and 210 ball sealers. Very little ball action. Avg pressure 260#, Avg rate 3.5 bpm. ISIP vac. Swab 34 bbls wtr in 2 hrs. BFL 1500 FFS, EFL 2000 FFS.

11/03/05 - Swab 93 bbls water in 7 hrs. BFL 1500 FFS, EFL 2400 FFS

11/04/05 - Run rental ESP

11/09/05 - Well made 99 bo / 1054 bw / 176 mcf in 24 hrs w/ 256' FAP.

11/17/05 - Pull ESP. RIH w/ rod pump

11/24/05 - Set pumping unit. Return to production

1/25/06 - Isolate and break down each set of perfs. Acidize all with 3000 gals 90/10 15% HCL and ballsealers

2/3/06 - Well pumped 28 bo / 228 bw / 32 mcf in 24 hrs.

12/06 - Perf 3894 - 3904', 3924-40', 3952-60', 3970-82' with 6 spf, 60 deg phasing. Treat all pefs w/3000 gals 20% NEFE 90/10 @ 2-1/2 BPM. RU swab. BFL-3450 FFS. Made 17 runs & rec'd 5-1/2 BO, 18-1/2 BW, EFL-3800 FFS.

ACDZ'd Grayburg perfs fr 3885-3982' w/10,000 gals 20% NEFE HCl 90/10 & 4250# RS @ 6.2 BPM & 80#. ISIP-80#, 5 min-vac. RU swab. BFL-2500 FFS. Made 7 runs & rec'd 23-1/2 BW w/some gas. EFL-2900' FFS.

Swab#2-BFL-2600 FFS. Made 48 runs in 9 hours. Rec 3-1/2 BO & 110 BW w/some gas. EFL-3100 FFS.

Swab#3-BFL-2600 FFS. Made 53 runs in 9 hrs. Rec 3 BO & 137 BW w/some gas. EFL-3100 FFS.

12/23/06 - Chemical sqz. Pmpd 130 bbls of clean produced wtr mixed w/3 drums of T-175 & 5 gals of DP-61 dwn tbg. Flushed w/400 bbls of clean produced wtr mixed w/20 gals of RN-211 out of frac tank. Pmpd dwn tbg @ 2 BPM w/0 psig on csg. RWTP.

2/19/08: (ACDZ) Set pkr @ 3805'. ACDZ perfs fr 3885-3982' w/ 8000 gals 20% Ultragel & 6000 # GRS @ 8 BPM, 2500 psig. ISIP-"vac". BFL 3,400' FS. Made 9 swab runs in 5 hrs & rec 10 BLW & 0 oil. EFL 3,800' FS. Tag fill @ 3951' (69' fill). Clean out fill to CIBP. RWTP.

3/21/08: In 24 hrs, well made 4 BO, 60 BW, & 2 MCF running @ 8% on POC w/ 0 FAP.

5-1/2" 17 #,
 Set at 4226'.
 Cemented with 1250 sx.
 Circulated
 Float collar @ 4189'