

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

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

Form C-103
Revised July 18, 2013

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 checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>	WELL API NO. 30-025-20133
2. Name of Operator XTO Energy, Inc	5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input checked="" type="checkbox"/>
3. Address of Operator 500 W. Illinois St Ste 100 Midland, Texas 79701	6. State Oil & Gas Lease No.
4. Well Location Unit Letter A : 610 feet from the North line and 660 feet from the East line Section 9 Township 21S Range 36E NMPM County Lea	7. Lease Name or Unit Agreement Name: Eunice Monument South Unit
	8. Well Number 278
	9. OGRID Number 005380
	10. Pool name or Wildcat
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 ☐
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 Open Additional Pay in the Grayburg (same pool), to acidize and return the well to production with the attached procedure.

New Perfs: 3654-3845' (128 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 #278

OAP, ACIDIZE & RWTP on ESP

May 24, 2017

CASING: 8-5/8", 36#, J-55 csg @ 1,306'. Cmt'd w/500 sx. Circ.
5-1/2", 14# & 15.5#, J-55 csg @ 6,400'. Cmt'd w/800 sx. Did not circ.
TOC @ 2,450' by TS.

TUBING: 116 jts 2-7/8", 6.5#, EUE, 8rd tbg, 2-7/8" X 5-1/2" TAC, 5 jts 2-7/8", 6.5#, EUE, 8rd tbg, 1 jt 2-7/8", 6.5#, EUE, 8rd, IPC tbg, 2-7/8" SN, 2-7/8" Slotted MA. TAC @ 3,592'. SN @ 3,784'. Landed @ 3,800'.

PBTD: 3,862' (CIBP @ 4,000' w/cmt on top).

GB PERFS: GB 1: 3,654' – 3,676' (4 SPF, 24 HOLES).
GB 2: 3,687' – 3,732' (4 SPF, 40 HOLES).
GB 3: 3,744' – 3,764' (4 SPF, 24 HOLES).
GB 4: 3,786' – 3,809' (4 SPF, 16 HOLES).
GB 5: 3,823' – 3,845' (4 SPF, 24 HOLES).

CURRENT STATUS: Failed Producer w/tubing leak: 4 BOPD, 278 BWPD, 2 MCFPD.

OBJECTIVE: OAP, Acidize, Run rental ESP equipment. Charge to AFE #1702174 (CW type).

CLASS II WELL

NOTE: 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 ±6,500' of 2-7/8", 4.7#, L-80 WS, if not using 2-7/8" prod tbg for WS.
2. Check for wellhead pressure and bleed off/kill well. POOH & LD 43 – 7/8" rods, 107 – 3/4" rods and 2" rod insert pmp. ND WH. NU BOP. Rls TAC @ 3,592'. POOH & LD w/116 jts 2-7/8" prod tbg & tbg BHA.
3. TIH w/4-3/4" bit, DC'S on ±3,862' 2-7/8" WS to tag cmt on top of CIBP @ 4,000'. Establish circulation w/FW & DO to PBTD @ 6,400'. **CONTACT MIDLAND IF PROBLEMS OCCUR DURING CLEAN OUT.** Rev circ well clean.



EMSU #278

OAP, ACIDIZE & RWTP on ESP

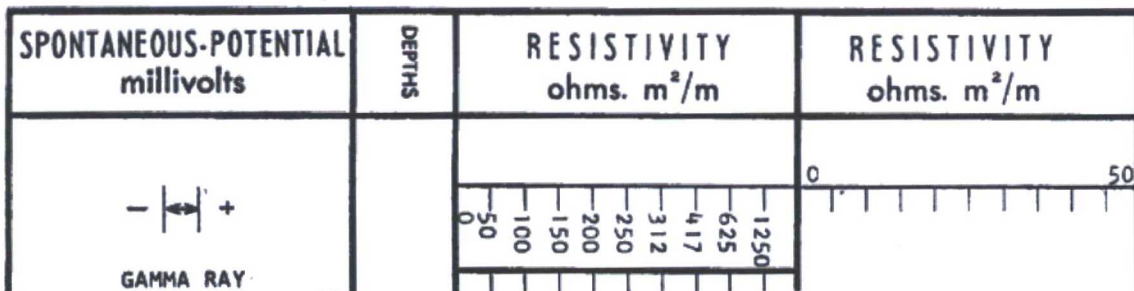
May 24, 2017

4. POOH & LD 4-3/4" bit, DC's.
5. RU WL w/5K full lubricator. Correlate using the Laterolog w/GR log referenced below. PU GR/CCL/Neutron Porosity logging t/s & RIH w/t/s to 6,400'. Immediately after running the logs, have the digital copies sent to blake_short@xtoenergy.com and Richard_besse@xtoenergy.com. WO perf selection to build guns.

Log Depths Measured From GI		Log Depths Measured To F. above	
RUN No.	ONN Conservation Commission	DATE	6-25-2017
First Reading	6350	Last Reading	1313
Feet Measured	5081	Feet Measured	1312
Csg. Driller	8 5/8 @ 1306	Depth Reached	6401
Bottom Driller	6400	Mud. No.	SALT GEL
Dens.	10.5	Visc.	4.2
Mud Resist.	063	Res. BHT	047
pH	8.8	Wtr. Loss	0.53
Rm	0.53	Rmc	0.53
Bit Size	7 7/8"	Laterolog 3	6" A= 5'
Laterolog 7	6" A= 5'	Opt. Rig Time	24 HOURS
Truck No.	2519-H0885	Recorded By	DAVIS
Checked By	FILLER	Checked By	FILLER

COUNTY	LEA	FIELD or LOCATION	UNDESIGNATED	WELL	E C ADKINS # 11
COMPANY SINCLAIR OIL AND GAS COMPANY					
COUNTY	LEA	FIELD	UNDESIGNATED	WELL	30-025-30133
STATE	NEW MEXICO	LOCATION SEC.	9-215-36E	Other Surveys	SGR, MLL
Elevation K.B.	660' FROM N/L	D.F.	660' FROM E/L	Location of Well	

REMARKS	CALIBRATION	BACKGND	SOURCE	GALV INCR	SENS TAP	SENS TAP	TIME	RECORDING
		CPS	CPS	DIVISIONS	(FOR CAL)	(RECORD)	CONST	SPEED (FT MIN)
	GAMMA RAY	72	480	82.5	800	400	2/1	30/60

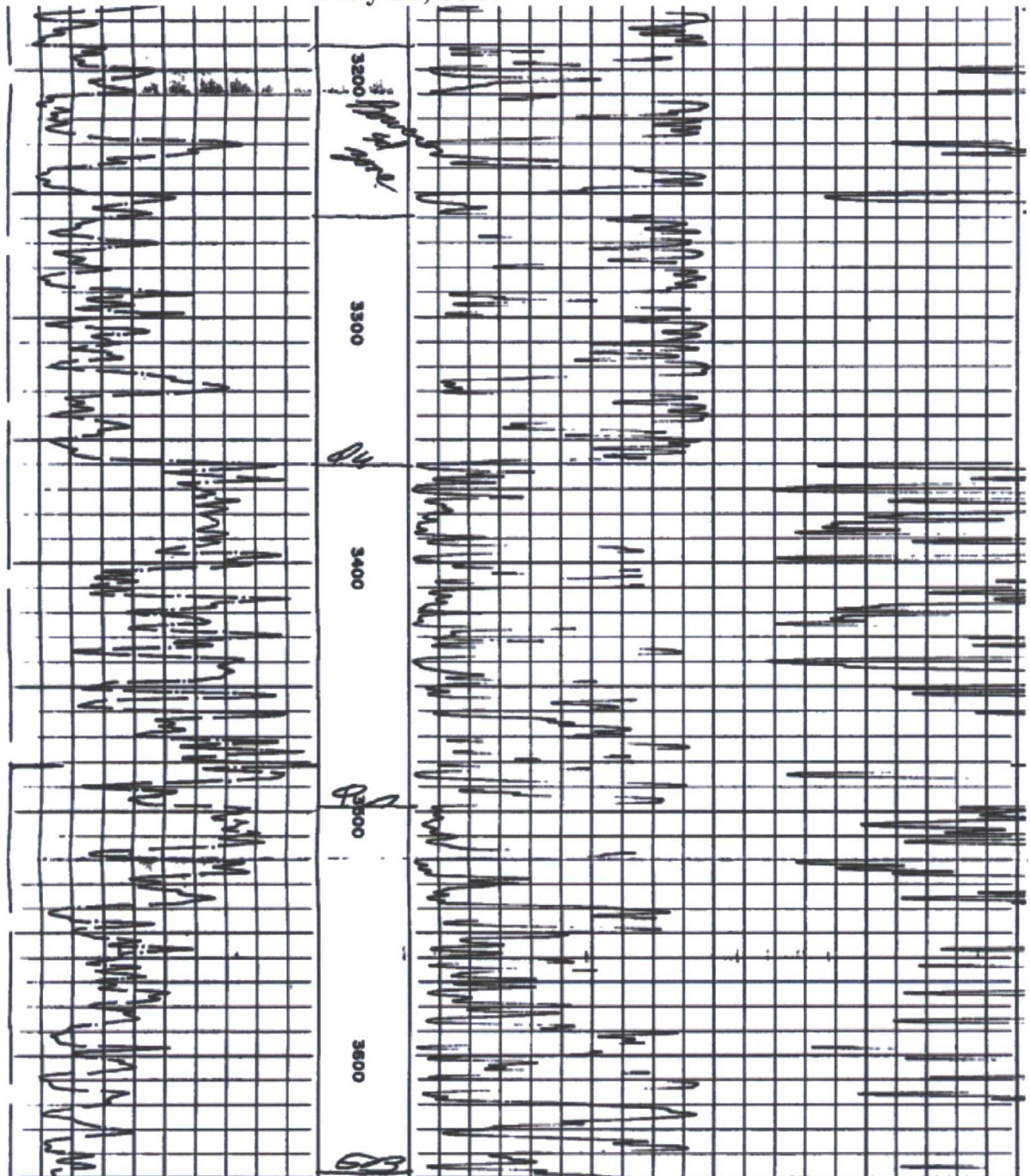




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6. Once new perfs received. RIH w/GR/CCL/3-1/8" csg gun & perf new perforations @ 2 JSPF, 120⁰ phased, 0.38" EHD, 2 JSPF, 120⁰ phased, 0.50" EHD (use GeoDynamics 3319 BASIX XDP, EC2-33A1921, 19 gram RDX or equivalent charges).
7. POOH w/WL and LD perforating guns. PU 5-1/2" CIBP & RIH to 5,900'. Set CIBP & WL dmp 35' of cmt on top. RDMO WL.
8. MIRU acid company. Test lines to 3,000 psig.



EMSU #278
OAP, ACIDIZE & RWTP on ESP
May 24, 2017

9. PU & TIH to bottom of new perforations w/Sonic Hammer tl on 2-7/8" tbg. RU stripping head. Sonic Hammer wash perfs fr/bottom of new perfs to top of new perfs w/approximately 30 bbls/stand brine water while circulating to reverse pit. Close in backside.
10. Sonic Hammer acidize perfs fr/bottom of new perfs to top of new perfs w/approximately 30 bbls/stand 20% 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.
11. Drop ball to shift sleeve in SH tl. SWI for 30 minutes to wait on acid. RDMO acid company.
12. RU swab tls and swab back acid load. POOH & LD SH acid tls.
13. PU & RIH w/ESP & IPC/EPC production tubing. Production equipment should be designed for an expected rate of 5,000 BFPD. RIH w/GE sub pump on 2-7/8" production tbg and land tbg PI @ 3,600'.
14. ND BOP. NU WH. RDMO PU. RWTP on rental ESP test equipment.

Schematic - Vertical with Perfs
Well Name: EUNICE MONUMENT SO. UNIT 278

API/UWI 3002520133	Accounting ID 111417	Permit Number	State/Province New Mexico	County Lea
Location	Spud Date 1/31/1963 00:00	Original KB Elevation (ft) 3,590.00	Gr Elev (ft) 3,590.00	KB-Ground Distance (ft) 0.00

MD (ftKB)	TVD (ftKB)	Incl (°)	Vertical schematic (actual)
9.8			Leak @ 15'. Built fence around cellar. Cut & replaced 8-5/8" & 5-1/2" csg fr/10' to surface.; 10.0; 8/31/2016
49.9			Surface; 10 5/8 in; 1,306.0 ftKB
1,306.1			Surface; 8 5/8 in; 1,306.0 ftKB
3,200.1			5-1/2" x 2-7/8" Tbg Anchor Catcher; 4 1/4 in; 3,591.5 ftKB
3,594.5			Perforation; 3,654.0-3,666.0 ftKB
3,655.8			Perforation; 3,654.0-3,666.0 ftKB
3,666.0			Perforation; 3,654.0-3,666.0 ftKB
3,675.9			Perforation; 3,674.0-3,676.0 ftKB
3,689.0			Perforation; 3,674.0-3,676.0 ftKB
3,704.1			Perforation; 3,687.0-3,689.0 ftKB
3,715.9			Perforation; 3,687.0-3,689.0 ftKB
3,723.1			Perforation; 3,702.0-3,704.0 ftKB
3,732.0			Perforation; 3,702.0-3,704.0 ftKB
3,746.1			Perforation; 3,714.0-3,716.0 ftKB
3,753.9			Perforation; 3,714.0-3,716.0 ftKB
3,755.9			Perforation; 3,721.0-3,723.0 ftKB
3,759.2			Perforation; 3,721.0-3,723.0 ftKB
3,764.1			Perforation; 3,730.0-3,732.0 ftKB
3,771.0			Perforation; 3,730.0-3,732.0 ftKB
3,782.2			Perforation; 3,744.0-3,746.0 ftKB
3,784.1			Perforation; 3,744.0-3,746.0 ftKB
3,785.4			Acidizing
3,788.1			Cement; Cement Squeeze; 3,845.0 ftKB
3,800.5			Perforation; 3,854.0-3,856.0 ftKB
3,808.1			Cement; Cement Squeeze; 3,845.0 ftKB
3,816.9			Acidizing
3,823.2			Perforation; 3,754.0-3,756.0 ftKB
3,830.1			Perforation; 3,754.0-3,756.0 ftKB
3,835.0			Perforation; 3,762.0-3,764.0 ftKB
3,842.8			Perforation; 3,762.0-3,764.0 ftKB
3,859.9			Perforation; 3,767.0 ftKB
3,876.0			Perforation; 3,771.0 ftKB
4,003.9			Perforation; 3,774.0 ftKB
4,003.9			Perforation; 3,782.0 ftKB
5,950.1			Insert Pump; 3/4 in; 0.0 ftKB
5,960.0			Seal Nipple; 2 7/8 in; 3,784.3 ftKB
6,264.1			Perforation; 3,786.0-3,788.0 ftKB
6,270.0			Perforation; 3,786.0-3,788.0 ftKB
			Perforation; 3,795.0 ftKB
			Perforation; 3,806.0 ftKB
			Perforation; 3,807.0-3,809.0 ftKB
			Perforation; 3,807.0-3,809.0 ftKB
			Perforation; 3,817.0 ftKB
			Perforation; 3,818.0 ftKB
			Hydraulic Fracture
			Cement; Cement Squeeze; 3,876.0 ftKB
			Acidizing
			Perforation; 3,823.0-3,825.0 ftKB
			Perforation; 3,823.0-3,825.0 ftKB
			Perforation; 3,825.0 ftKB
			Perforation; 3,830.0 ftKB
			Perforation; 3,833.0-3,835.0 ftKB
			Perforation; 3,833.0-3,835.0 ftKB
			Perforation; 3,835.0 ftKB
			Perforation; 3,842.0 ftKB
			Perforation; 3,843.0-3,845.0 ftKB
			Perforation; 3,843.0-3,845.0 ftKB
			Production; 7 7/8 in; 6,400.0 ftKB
			Perforation; 3,860.0 ftKB
			PBTD; 3,862.0 ftKB
			Perforation; 3,878.0 ftKB
			Cement; Cement Plug - Other; 4,000.0 ftKB
			Perforation; 5,945.0 ftKB
			Acidizing
			Hydraulic Fracture
			Perforation; 5,950.0 ftKB
			Hydraulic Fracture
			Acidizing
			Perforation; 5,963.0 ftKB
			Perforation; 6,211.0 ftKB
			Cement; Cement Squeeze; 6,270.0 ftKB
			Acidizing
			Perforation; 6,284.0 ftKB
			Perforation; 6,287.0 ftKB
			Perforation; 6,270.0 ftKB
			Production; 5 1/2 in; 6,400.0 ftKB
			TD - Original Hole; 6,400.0 ftKB