

Submit 1 Copy To Appropriate District Office
District I - (575) 393-6161
1625 N. French Dr., Hobbs, NM 88240
District II - (575) 748-1283
811 S. First St., Artesia, NM 88210
District III - (505) 334-6178
1000 Rio Brazos Rd., Aztec, NM 87410
District IV - (505) 476-3460
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.)		WELL API NO. 30-025-29396
1. Type of Well: Oil Well ☒ Gas Well ☐ Other ☐		5. Indicate Type of Lease STATE ☒ FEE ☐
2. Name of Operator XTO ENERGY, INC.		6. State Oil & Gas Lease No.
3. Address of Operator 6401 HOLIDAY HILL RD, BLDG 5, MIDLAND TX 79707		7. Lease Name or Unit Agreement Name EUNICE MONUMENT SOUTH UNIT
4. Well Location Unit Letter <u>L</u> : <u>1980</u> feet from the <u>SOUTH</u> line and <u>660</u> feet from the <u>WEST</u> line Section <u>30</u> Township <u>20S</u> Range <u>37E</u> NMPM County <u>LEA</u>		8. Well Number <u>117</u>
11. Elevation (Show whether DR, RKB, RT, GR, etc.)		9. OGRID Number 005380
		10. Pool name or Wildcat EUNICE MONUMENT; GRAYBURG-SAN ANDRES

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK ☐	PLUG AND ABANDON ☐	REMEDIAL WORK ☐	ALTERING CASING ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☐	COMMENCE DRILLING OPNS. ☐	P AND A ☐
PULL OR ALTER CASING ☐	MULTIPLE COMPL ☐	CASING/CEMENT JOB ☐	
DOWNHOLE COMMINGLE ☐			
CLOSED-LOOP SYSTEM ☐			
OTHER: <u>OAP, Acidize, RWTP</u> ☒		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 respectfully requests to open additional pay in the Grayburg (same pool), acidize and return the well to production with the attached procedure.

New Perfs:

3760 to 3765, 5 holes
3768 to 3776, 8 holes
3788 to 3792, 4 holes
3799 to 3805, 6 holes
3815 to 3819, 4 holes
3885 to 3889, 4 holes

Spud Date:

Rig Release Date:

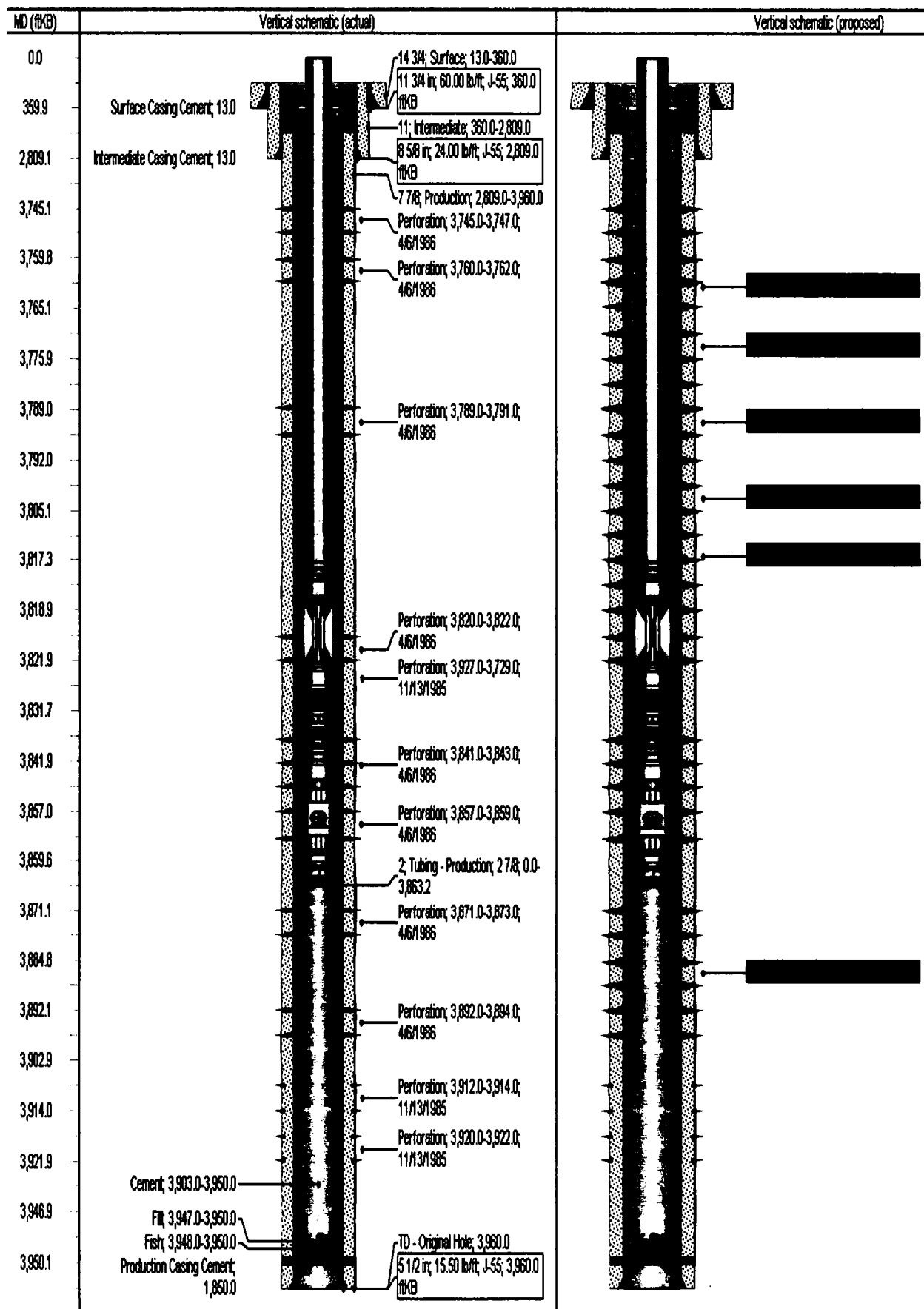
I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Cheryl Rowell TITLE Regulatory Coordinator DATE 05/21/19
Type or print name Cheryl Rowell E-mail address: cheryl_rowell@xtoenergy.com PHONE: 432-571-8205
For State Use Only

APPROVED BY: [Signature] TITLE Petroleum Engineer DATE 05/30/19
Conditions of Approval (if any):

BEFORE

PROPOSED



API - 30-025-29396



Eunice Monument So. Unit #117
Cleanout, Acidize, R&R HIT, Add Perfs, Convert to PC Pump. RWTP
CW: AFE #

WELL DATA:

Elevation:

GL	KB	TD	PBD
3534	3547	3960	3950

Current Status:

<i>Producer</i>		PRODUCTION DATA (PRE-failure)			
API#		BOPD	BWPD	MCFD	DATE
3002539296		12	651	1	6/17/2018

Surface Casing:

Size	Weight	Grade	Depth	Cmt (Sx)	Circ (Sx)
11 3/4"			360	300	Yes

Intermediate Casing:

Size	Weight	Grade	Depth	Cmt (Sx)	Circ (Sx)
8 5/8"	24/32		2809	750	Surf by Calc

Production Casing:

Size	Weight	Grade	Depth	Cmt (Sx)	Circ (Sx)
5 1/2"	15.5		3960	375	1850 TS

COMPLETION:

EMSU:117: Existing Perfs							
TOP	BTM	FORMATION	STATUS	LENGTH	SPF	HOLES	DATE
3745	3747	Grayburg	Active	2			4/1986
3760	3762	Grayburg	Active	2			4/1986
3789	3791	Grayburg	Active	2			4/1986
3820	3822	Grayburg	Active	2			4/1986
3841	3843	Grayburg	Active	2			4/1986
3857	3859	Grayburg	Active	2			4/1986
3871	3873	Grayburg	Active	2			4/1986
3892	3894	Grayburg	Active	2			4/1986
3912	3914	Grayburg	Active	2			4/1986
3920	3922	Grayburg	Active	2			4/1986
3927	3929	Grayburg	Active	2			4/1986
Tops - Queen:3312, Penrose:3467, GB: 3653'							

Test, R&R tbg, CO, Add perfs, Acidize, RWTP. Prepared by J L Hicks



Eunice Monument So. Unit #117
Cleanout, Acidize, R&R HIT, Add Perfs, Convert to PC Pump. RWTP
CW: AFE #

OBJECTIVE: CO, Add proposed perfs, acidize, R&R HIT, RTP.

RECOMMENDED PROCEDURE

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

1. MIRU PU.
2. NDWH, install BOP w/ 2-7/8" rams. Function and pressure test as per XTO guidelines.
3. MIRU Tbg scanners. POH scanning tbg. LD tbg with greater than 45% wall loss (Green and Red). RD Scanners.
4. MIRU Tbg hydro-testers. PU and RBIH with a 4 3/4" bit. Tag for TD. PBTD @ ~3950'.
5. RD Tbg hydro-testers.
6. RU Reverse unit and Clean out well if necessary.
7. RD reverse unit. POH with tbg. LD Bit.
8. MIRU Renegade WL.
9. RIH logging with a GR/CCL log from PBD to 3000'. POH LD logging tools.
10. Send logging info in to engineer for depth correlations for new perforations.
11. PU and RIH with a 3 1/16 perf gun and perf the following @ 2 SPF and 120 deg phasing.

EMSU 117: Proposed Perfs							
TOP	BTM	FORMATION	STATUS	LENGTH	SPF	HOLES	DATE
3760	3765	Grayburg	Proposed	5	2	10	5/21/2019
3768	3776	Grayburg	Proposed	8	2	16	
3788	3792	Grayburg	Proposed	4	2	8	
3799	3805	Grayburg	Proposed	6	2	12	
3815	3819	Grayburg	Proposed	4	2	8	
3885	3889	Grayburg	Proposed	4	2	8	

12. POH RD WL.
13. PU Sonic Hammer on new and/or tested tbg. RBIH washing and acidizing perforations with H2O and ~2450 gals 15% HCL as follows. Flush to top perf at 3745'.

				SENM Sonic Hammer Acid Job Calcs.								
EMSU 117: Sonic Hammer						TREATMENT INTERVAL						
Direction	Total Fluid			Fluid/ Stand		RSVR	TOP	BTM	LENGTH	STANDS	BBLs	GAL
DOWN	115	bbls	brine/TFW	40	bbl/stand	Grayburg	3745	3929	184	2.9	115	4830
UP	58	bbls		20	bbl/stand	Grayburg	3745	3929	184	2.9	58	2415

Test, R&R tbg, CO, Add perfs, Acidize, RWTP. Prepared by J L Hicks



**Eunice Monument So. Unit #117
Cleanout, Acidize, R&R HIT, Add Perfs, Convert to PC Pump. RWTP
CW: AFE #**

14. RDMO Acid Co. POH LD Sonic Hammer.
15. RIH with tbg and BH assembly for a progressive cavity pump as per A/L tech recommendations. (Fernando Espino @ 575/441/3557)
16. ND BOP and NUWH.
17. PU and RIH with the recommended A/L design to convert the well from an ESP to a progressive cavity pump.
18. Use WSU to long stroke and load pump. Space rods out and hang well on.
19. RDMO PU.
20. **Contact Nalco Chemical for initial treatment recommendation before returning well to production.**
21. Contact operations to return well to production.