

Submit 3 Copies 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
May 27, 2004

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

WELL API NO. 30-025-01544
5. Indicate Type of Lease STATE ☒ FEE ☐
6. State Oil & Gas Lease No. B-2516

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.)		7. Lease Name or Unit Agreement Name SEMGS AU
1. Type of Well: Oil Well ☒ Gas Well ☐ Other ☐		8. Well Number 402
2. Name of Operator XTO Energy Inc.		9. OGRID Number 005380
3. Address of Operator 200 North Loraine, Midland, Texas 79701		10. Pool name or Wildcat Maljamar Grayburg San Andres
4. Well Location Unit Letter <u>E</u> : 1980 feet from the <u>North</u> line and <u>660</u> feet from the <u>West</u> line Section <u>29</u> Township <u>17S</u> Range <u>33E</u> NMPM Lea County		
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 4073' DF		
Pit or Below-grade Tank Application ☒ or Closure ☐		
Pit type <u>Steel</u> Depth to Groundwater <u>168'</u> Distance from nearest fresh water well <u>1000+</u> Distance from nearest surface water <u>1000+</u>		
Pit Liner Thickness: <u>mil</u> Below-Grade Tank: Volume <u>bbbs</u> Construction Material <u></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 ☐

OTHER: ☐

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.

- MIRU PU.
- MI $\pm 4,400'$ - 2-7/8", 6.5#, N-80, EUE, 8rd WS & 3,900' - 3-1/2", 9.3#, N-80, EUE, 8rd WS.
- POH & standback rods.
- ND WH. NU BOP.
- POH & standback prod tbg.
- CO fill to 4,286' & recover fish (4 RBP drag blocks). Make 4-1/8" bit & scraper run after CO. Have Champion analyze any scale samples recovered to determine if they are acid soluble & report to Midland.
- TIH w/5" 10K diff pkr, 2-7/8" SN, 19 jts 2-7/8" WS & remainder 3-1/2" WS. Set pkr @ 3,900'. Fill backside. Drop standing valve. Press test tbg 5,000 psi. POH w/standing valve. Tst csg to 500 psig.
- A. 4,051'-4,240' w/6,000 gals 15% One Shot acid system w/900 # rock salt in 3 stages @ 15 BPM & 5,000 psig (max). Pump as follows: 1,500 gals acid, 300 # rock salt in 300 gals gelled 10 ppg brine wtr, 1,500 gals acid, 300 # rock salt, 1,500 gals acid, 300 # rock salt & 1,500 gals acid. Have extra 1,000 # rock salt on location & use as necessary to obtain diversion. Flush w/84 BFW. Record ISIP, 5", 10" & 15" SIP's.
- SWI for 45". Unset pkr & TIH to PBTD. Wash out any rock salt left in wellbore. PU & reset pkr @ 3,900'. Test csg to 500 psig.

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines ☐, a general permit ☐ or an (attached) alternative OCD-approved plan ☐.

SIGNATURE DeeAnn Kemp TITLE Regulatory Tech DATE 10/29/04

Type or print name DeeAnn Kemp E-mail address: Deeann_Kemp@xtoenergy.com Telephone No. 432-620-6724

For State Use Only

APPROVED BY: Gary W. Wink TITLE FIELD REPRESENTATIVE II / STAFF MANAGER DATE

Conditions of Approval (if any):

NOV 08 2004

10. RU BJ. Frac the Premier Sand fr/4,051'-4,240' w/30,000 gal Lightning 3000, 30# X-Link gel & 71,500# 16/30 Ottawa sand (63,200# 16/30 Ottawa + 8,300# FlexSand) @ 35 BPM. Test lines to 6,000 psig. Max press 5,000 psig. Install pop-off on TCA & set @ 500 psig.

STG	FLUID	Gal	PPA	Prop	Stg. #
1	30# Linear	1,500		Pre-Pad	
2	30# XL	10,000		Pad	
3	30# XL	2,000	1	16/30 Ottawa	2,000
4	30# XL	2,500	2	16/30 Ottawa	5,000
5	30# XL	3,000	3	16/30 Ottawa	9,000
6	30# XL	3,500	4	16/30 Ottawa	14,000
7	30# XL	3,500	5	20%FLEXSAND	17,500
8	30# XL	4,000	6	20%FLEXSAND	24,000
9	30# Linear	1,428			
TOTALS:		31,428			71,500

Flush sand to 4,000' with linear gel. SD. Record ISIP, 5", 10" & 15" SIP's.

11. SWI for 3 hrs before flowing back to pit. Release Pkr. POH & standback 3-1/2" tbg & pkr.
12. RIH w/4" csg gun & perf Grayburg Alpha Sand 1 JSPF w/120 degree phasing @ 3,944', 3,946', 3,948', 3,950', 3,952', 3,954', 3,956', 3,958', 3,960', 3,964', 3,966' & 3,968' (12 shots, depth reference Welex Micro-seismogram log dated 2/21/79, Titan API PPG 4023-320T charge, 22.7 grm, 0.40" EHD, 33.64" TTP). Use full lubricator. GR strip will be required to get on depth. POH. RD WL trk.
13. RIH w/5" RBP, 5" 10K diff pkr, 2-7/8" SN, 19 jts 2-7/8" WS & remainder 3-1/2" WS. Set RBP @ 4,000'. PU 10' & set pkr @ 3,990'. Test RBP to 2,000 psig.
14. Spot 3 bbls 15% HCL acid fr/3,968'-3,809' (across perfs fr/3,944'-3,968'). PU to $\pm 3,800'$. Reverse circ 3 BFW. Set pkr. Press test TCA to 500 psig.
15. EIR into perfs w/spot acid & fresh water.
16. Acidize perfs fr/3,944'-3,968' w/1,200 gals 15% NEFE HCl acid & 24 - 1.3 SG BS @ 3-5 BPM & 4,000 psig (max). Flush w/fresh wtr to btm perf. Record ISIP, 5", 10" & 15" SIP's.
17. SWI for 45". Swab test & establish definite oil cut. Have Champion Technologies collect wtr sample for complete analysis after load is recovered. Contact Midland office prior to continuing work.
18. Unset pkr & TIH to knock BS off perfs. PU & reset pkr @ 3,800'. Test csg to 500 psig.
19. RU BJ. Frac the Grayburg Alpha Sand fr/3,944'-3,968' w/14,000 gal Lightning 3000, 30# X-Link gel & 27,000# 16/30 Ottawa sand (24,300# 16/30 Ottawa + 2,700# FlexSand) @ 35 BPM. Test lines to 6,000 psig. Max press 5,000 psig. Install pop-off on TCA & set @ 500 psig.

STG	FLUID	Gal	PPA	Prop	Stg. #
1	30# Linear	1,500		Pre-Pad	
2	30# XL	5,000		Pad	
3	30# XL	1,000	1	16/30 Ottawa	1,000
4	30# XL	1,000	2	16/30 Ottawa	2,000
5	30# XL	1,500	3	16/30 Ottawa	4,500
6	30# XL	1,500	4	16/30 Ottawa	6,000
7	30# XL	1,500	5	20%FLEXSAND	7,500
8	30# XL	1,000	6	20%FLEXSAND	6,000
9	30# Linear	1,395			
TOTALS:		15,395			27,000

Flush sand to 3,900' with linear gel. SD. Record ISIP, 5", 10" & 15" SIP's.

20. SWI for 3 hrs before flowing back to pit. Release Pkr. POH & LD 3-1/2" tbg & pkr.
21. RIH w/retrieving tool on 2-7/8" tbg. CO frac sand to RBP @ 4,000'. Latch onto & retrieve RBP. POH.
22. RIH w/2-7/8" notched collar & CO sd to PBTD @ 4,286'. POH & LD 2-7/8" WS.
23. TIH w/prod equip per forthcoming design.
24. RDMO PU.
25. Test well