

Submit 3 Copies to Appropriate District
Office
District I
1625 N. French Dr., Hobbs, NM 87240
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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
June 19, 2008

NOV 12 2008

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

WELL API NO. 30-025-26026
5. Indicate Type of Lease STATE ☒ FEE ☐
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name: Southeast Maljamar GB/SA Unit
8. Well Number 410
9. OGRID Number 005380
10. Pool name or Wildcat Maljamar; Grayburg-San Andres
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 ☐	7. Lease Name or Unit Agreement Name: Southeast Maljamar GB/SA Unit
2. Name of Operator XTO Energy, Inc.	8. Well Number 410
3. Address of Operator 200 N. Loraine, Ste. 800 Midland, TX 79701	9. OGRID Number 005380
4. Well Location Unit Letter <u>F</u> : <u>2615'</u> feet from the <u>North</u> line and <u>1420'</u> feet from the <u>West</u> line Section <u>29</u> Township <u>17S</u> Range <u>33E</u> NMPM County <u>Lea</u>	10. Pool name or Wildcat Maljamar; 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: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ P AND A ☐
CASING/CEMENT JOB ☐

OTHER: OAP & Reactivate ☒

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.

5/30/08 MIRU PU. ND WH. NU BOP. PU RIH w/5-1/2" BJ 32A pkr & 3 jts of 2-7/8" N80 WS tbg. Set pkr @ 99'. PUH & set pkr @ 71'. RIH & set pkr @ 85'. RIH & set pkr @ 2,253'. Removed hose from csg valve, wtr would run out csg valve. Rel pkr & circ w/50 bbls of 9# brine. PUH & set pkr @ 1,623'. Rel pkr, PUH & set pkr @ 1,434'. OYG & set prk @ 1,373'. PUH & set pkr @ 1,343'. POOH w/2-7/8" N-80 WS tbg. LD BJ 5-1/2" pkr.

Procedure Cont'd. on next page.

Spud Date:

05/30/08

Rig Release Date:

06/28/08

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 10/30/08
Type or print name Kristy Ward E-mail address: kristy_ward@xtoenergy.com PHONE 432-620-6740

For State Use Only

APPROVED BY [Signature] TITLE PETROLEUM ENGINEER DATE NOV 13 2008

Conditions of Approval (if any):

SEMGS AU #410
OAP & Reactivate Cont'd.

- 6/3/08** RU WL trk. RIH w/5-1/2" O.D., 40 arm caliper & WL. Tag @ 3,826'. Correlated depth w/Western Wireline Ser Acoustic Cmt Evaluation log. POOH running borehole image csg analysis log fr 3,826' to SF. (possible scale build up @ 2,258' & log abnormality @ 1,560'). RD. PU RIH w/4-3/4" bit, 6 - 3-1/2" DC's & 117 jts of 2-7/8" N80 WS tbg. Tag @ 3,830'.
- 6/4/08** RU swivel. Circ well & DO CIBP fr 3,830' to 3,831'. RD swivel. PU RIH w/2-7/8" N80 WS tbg & tag @ 4,323'. RU swivel. DO fr 4,323' to 4,325'. Tbg ptd. LD swivel. POOH w/76 jts of 2-7/8" N80. (2-7/8" pin break). RIH w/4-5/8" O.D. overshot & 76 jts of 2-7/8" WS tbg. Latched onto fish. POOH w/2-7/8" tbg, DC's & 4-3/4" bit. LD fish.
- 6/5/08** RIH w/4-3/4" bit, 6 - 3-1/2" DC's & 130 jts of 2-7/8" N80 WS tbg. Tag @ 4,324'. RU swivel. Circ well & DO fr 4,324' to 4,325'. Drilled @ 4,325'. Tbg ptd. RD. POOH w/76 jts of 2-7/8" N80 tbg. (2-7/8" pin break). RIH w/4-5/8" O.D. overshot & 76 jts of 2-7/8" WS tbg. Latched onto fish. POOH LD w/2-7/8" N80 WS tbg, fish, DC's & 4-3/4" bit.
- 6/6/08** RU tbg tstr. PU RIH w/5-1/2" BJ Arrow set pkr & 131 jt of 2-7/8" L80 WS tbg. Set pkr @ 4,256'. RU acid trk. Acidized Grayburg perfs fr 4,286' to 4,325' w/2,000 gals of 15% HCL acid while dropping 100-1.3 SGBS in last 1,500 gals of acid @ a rate of 15 BS ever 4 bbls. Lower perfs communicated w/upper perfs. Slowed rate dwn thru acid job. Flushed w/27 bbls of 2% KCL wtr. AIR - 3.6 BPM. Min/Max press - 1,357 psig / 1,820 psig RD. Open well up after 1 hrs w/200 psig. BWDTT. RU swab.
- 6/7/08** RU swab. RD swab. CIRC clean w/166 bbls of 2% KCL dwn TCA & up the tbg. Rel pkr & POOH w/2-7/8" L80 WS tbg. LD pkr.
- 6/10/08** Chg BOP rams fr 2-7/8" to 3-1/2". RU pipe tstr. PU RIH w/BJ 5-1/2" Arrow set 1x pkr, 2-7/8" SN, 133 jts of 3-1/2" 9.3#, P110, TSHP, RG2 WS tbg. Set pkr @ 4,130'.
- 6/11/08** RU BJ frac crew. Frac Premier Grayburg perfs (4,168' - 4,245') & Grayburg perfs (4,083' - 4,088') down 3-1/2" tbg w/67,000 gals 30# linear gel, 51,000 gals 40# linear gel carrying 8,000# 14/30 LiteProp-125, 84,750# 16/30 White sd & 18,000# 16/30 Super LC sd. Flushed 1 bbl short of top perf w/1,512 gals of 40# linear gel. RD BJ equip & Smith Ind rev unit.
- 6/12/08** Open well, flowed back on 12/64" - 24/64" choke. ND Frac valve. Rel pkr & POOH w/3-1/2" P110 WS tbg. LD pkr. RU Enertech WL trk. RIH w/BJ Easy Drlg 5-1/2" composite plug & WL. Correlated depth w/CRC log. Set plug @ 4,120'. RIH w/3-1/8" csg guns. Correlated depth w/CRC log. Perf'd Grayburg fr 3,985'-3,991'(12 holes), 3,978'-3,980'(4 holes), 3,365'-3,973'(16 holes), 3,948'-3,952'(8holes), w/2 SPF (20', 40 holes). POOH w/csg guns & RD Enertech WL equipment. Chg BOP ram fr 3-1/2" to 2-7/8".

- 6/13/08** RU pipe tstr. RIH w/BJ 5-1/2" HD pkr & 2-7/8" SN & 125 jts of 2-7/8" L80 WS tbg. RD. Tag composite plug @ 4,060'. PUH & set pkr @ 4,055'. RU swab line. RIH w/sandline & tag SN @ 4,046'. Rel pkr & POOH w/2-7/8" WS tbg. LD pkr. RU Enertech WL trk. RIH w/BJ Easy Drlg 5-1/2" composite plug & WL. Correlated depth w/CRC log. Tag damage plug @ 4,120'. Set new composite plug @ 4,118'. POOH w/WL & setting tool. RD.
- 6/14/08** RU pipe tstr. RIH w/BJ 5-1/2" Arrow set pkr, 2-7/8" SN & 117 jts of 2-7/8" L80 WS tbg & 2 - 6' 2-7/8" L80 tbg subs. RD. Set pkr @ 4,098'. RU M & S pmp trk. Rel pkr & RIH w/1 - 6' 2-7/8" L80 tbg sub. Set pkr @ 4,104'. Rel pkr & PUH w/2-7/8" WS tbg. Set pkr @ 3,862'. RU acid trk. Tstd lines to 5,875' psig. Est IR @ 3.0 BPM, w/3 bbls of 2% KCL wtr, 2,605 psig switched to acidized Grayburg perfs fr 3,948' to 4,088'. Rel pkr & circ well w/38 bbls of 2% KCL wtr to blow dwn tank. PUH to 3,791'. PUH to 3,758' & attempted to set pkr. POOH w/2-7/8" L80 WS tbg. LD BJ 5-1/2" arrow set pkr. RIH w/BJ 5-1/2" 32A pkr, 2-7/8" SN & 117 jts of 2-7/8" L80 WS tbg & 2 - 6' 2-7/8" L80 tbg subs. Set @ 3,862'. Acidized Grayburg fr 3,948' to 4,088' w/1,500 gals of 15% HCL acid while dropping -1.3 SBGS in last 1,125 gals of acid @ rate of 10 BS ever 2.6 bbls. Flushed w/27 bbls of 2% KCL wtr. RD.
- 6/15/08** RU swab. Made a ttl of 21 running in 9 hrs & rec 100 bbls BLW. RD.
- 6/17/08** RU swab. Made a ttl of 14 running in 9 hrs & rec 46 bbls PW w/10% oil cut. RD.
- 6/18/08** Rel pkr. RIH w/7 jts of 2-7/8" ws tbg & set pkr @ 4,082. POOH w/2-7/8" WS tbg. LD pkr. Chg Bop ram fr 2-7/8" to 3-1/2". RU pipe tstr. RIH w/BJ 5-1/2" Arrow set 1x pkr, 2-7/8" SN & 125 jts of 3-1/2" 9.3#, P110, TSHP, RG2 WS tbg. RD equip. Set pkr @ 3,886'. NU Frac valve.
- 6/19/08** ND frac valve. PUH w/2 jts of 3-1/2" WS tbg. Set pkr @ 3,824'. NU Frac valve.
- 6/20/08** RU BJ frac crew. Frac Grayburg perfs (3,948' - 4,088') down 3-1/2" tbg w/53,000 gals 30# linear gel, 51,000 gals 40# linear gel carrying 8,000# 14/30 LiteProp-125, 84,750# 16/30 White sd & 18,000# 16/30 Super LC sd. Flushed 1 bbl short of top perf w/1,437 gals of 40# linear gel. RD BJ equip.
- 6/21/08** Flowed well for 9 hrs on 12/64", rec 500 BLW & ending FTP 1,400 psig.
- 6/24/08** Flowed well for 4 hrs on 12/64", 16/64" rec 94 BLW & ending FTP 20 psig. ND frac valve. Rel pkr & POOH LD w/3-1/2" P110 WS tbg & pkr. Chg BOP ram fr 3-1/2" to 2-7/8".
- 6/25/08** BWDTT. RIH w/4-3/4" bit, 6 - 3-1/2" DC's & 119 jts of 2-7/8" N80 WS tbg. Tag sd @ 4,089'. RU swivel. CO sd fr 4,089' to 4,116'. DO two composite plugs fr 4,116' to 4,120'. CO well dwn to 4,325'. Circ clean. RD swivel. PUH above top perfs.
- 6/26/08** BWDTT. RIH w/2-7/8" WS tbg & tag @ 4,325'. POOH LD w/2-7/8" WS tbg & BHA. PU RIH w/new 2-7/8" J55 prod equip. ND BOP. Set TAC w/16 pts of tens. NU WH.
- 6/27/08** BWDTT. RIH w/pmp & rods as follow: 1-1/4" x 1' strainer nipple, 2.5" x 1.75" - RHBC - 24' - 3' Wilson exch frac pmp (SN# EU-102), RHBO, 3/4" x 4' stbl sub,

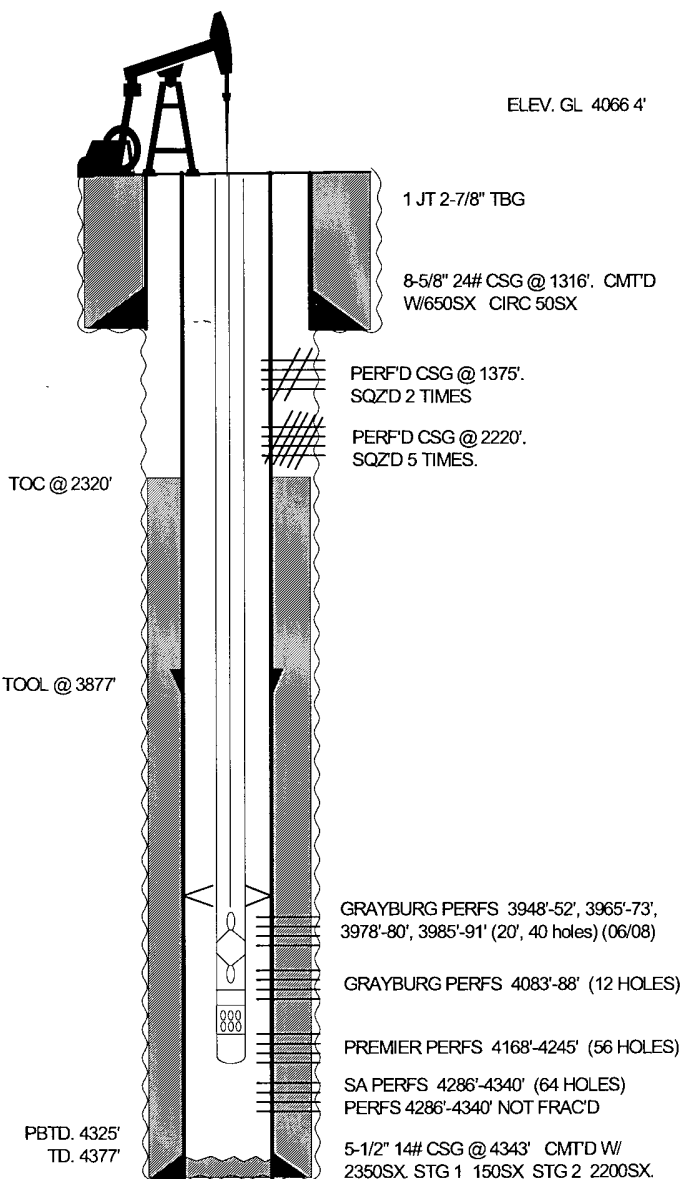
12 - 1-1/2" new K bars, 81 - 7/8" inspected D78 rods, 74 - 1" inspected D78 rods, 1" x 2', new D78 rod sub & 1-1/2" x 26' SMPR.

6/28/08 RDMO Key PU. RWTP.

7/9/08 Post WO well test: 59 BO, 205 BW & 46 MCF.

10/12/08 Post WO well test: 38 BO, 83 BW & 41 MCF. Last report.

SEMGSAU #410 WELLBORE DIAGRAM



DATA

LOCATION: 2615' FNL, 1420' FWL, UNIT F, SEC 29, T17S, R33E
COUNTY/STATE: LEA COUNTY, NM
FIELD: MALJAMAR GRAYBURG SAN ANDRES **RRC:**
FORMATION: SAN ANDRES
LEASE#: 003355 **API#:** 30-025-26026 **CTOC WELL#:** 450
SPUD DATE: 08/07/78 **COMPLETION DATE:** 11/06/78
IP: 23 BO, 5 BLW, 24 HRS (11/06/78)
PRODUCTION METHOD: TA'D

HISTORY

08/07/78: SPUD WELL.
10/07/78: PERF'D SA @ 4286'-90'. 92'-96', 4308'-22', 30'-40' W/2 JSPF (64 HOLES). ACIDIZED W/5,000 GALS 15% NEFE & 96 BS. DID NOT BALL OUT. MAX PRESS 3500 PSIG, MIN PRESS 2900 PSIG, AIR 4 BPM. ISIP 3000 PSIG, 15 SIP 2050 PSIG.
10/13/78: PERF'D PREMIER SAND @ 4168'-78', 4208'-16', 35'-45' W/2 JSPF (56 HOLES). ACIDIZED W/5000 GALS 15% NEFE W/112 BS. BALLED OUT. MAX PRESS 4300 PSIG, MIN PRESS 3000 PSIG. ISIP 2700 PSIG, 10 SIP 2500 PSIG. AIR 3 BPM. FRAC'D W/30,000 GALS 44,000# 20/40, 7500# 100 MESH MAX 3100 PSIG, MIN 2900 PSIG, ISIP 2700 PSIG, AIR 22 BPM, 15" SIP 2550 PSIG, 3" SIP 1475 PSIG.
10/28/78: PUT ON PMP
11/06/78: IPP. 23 BO, 5 BLW, 24 HRS.
11/15/78: SET CIBP @ 4100'. PERF'D CSG @ 2220' W/2 HOLES. SQZ'D W/800SX CMT @ 2 BPM. DID NOT WORK. PMP'D ANOTHER 800SX THRU PERFS. DID NOT CIRC. SQZ'D W/1150SX CMT, NO SQZ OR CMT TO SURF. SQZ'D W/800SX, NO SQZ OR CIRC CMT. SQZ'D W/200SX. SHOT 5-1/2" CSG @ 1375'. STRONG WTR FLOW. PMP'D 500SX CMT INTO PERFS @ 1375'. SQZ'D W/100SX. SQZ HELD.
12/05/78: PUT WELL BACK TO PMPG.
05/09/82: RAN CAT LOG FR/2358'-SURF.
05/11/82: ACIDIZED 4080'-4330' W/4000 GALS 15% HCL. MAX 2600 PSIG, MIN 800 PSIG, AIR 3 BPM.
05/13/82: PERF'D GB @ 4083'-88' W/2 JSPF (12 HOLES) ACIDIZED W/1500 GALS 15% HCL. MAX 4500 PSIG, MIN 3800 PSIG, AIR 2 BPM, ISIP 2800 PSIG, 10" SIP 2750 PSIG.
05/18/82: FRAC'D W/12,000 GALS & 10,500# 20/40. MAX 4200 PSIG, MIN 3900 PSIG, AIR 6.5 BPM, ISIP 2800, 10" SIP 3800 PSIG.
05/23/82: PUT ON PMP. PRIOR PROD: 8 BO, 2 BW, 24 HRS. AFTER 61 BO, 12 BW, 24 HRS.
01/08/93: P. 1.5 BO, 3 BW, 24 HRS.
05/02/95: WELL TA'D.
02/09/01: SET CIBP @ 3830'. NU WH W/1 JT OF 2-7/8" TGB
02/20/01: PASSED MIT
05/30/08: **OAP & Re-complete** Circ well & DO CIBP fr 3,830' to 3,831'. DO fr 4,323' to Acidized Grayburg perfs fr 4,286' to 4,325' w/2,000 gals of 15% HCL acid while dropping 100-1.3 SGBS in last 1,500 gals of acid @ a rate of 15 BS ever 4 bbls. Very little ball action. Lower perfs communicated w/upper perfs. Slowed rate dwn thru acid job. Flushed w/27 bbls of 2% KCL wtr. AIR - 3.6 BPM. Min/Max press - 1,357 psig / 1,820 psig. Min/Max -3.2 BPM/ 4.2 BPM. ISIP - 1,014 psig, 4,325'.

SEMGSAU #410

WELLBORE DIAGRAM

05/08 Cont: Frac Premier Grayburg perms (4,168' - 4,245') & Grayburg perms (4,083' - 4,088') down 3-1/2" tbg w/67,000 gals 30# linear gel, 51,000 gals 40# linear gel carrying 8,000# 14/30 LiteProp-125, 84,750# 16/30 White sd & 18,000# 16/30 Super LC sd. Flushed 1 bbl short of top perf w/1,512 gals of 40# linear gel. Max/Min press - 4,760/4,520 psig. AIR - 34.8 BPM. AIP - 4,621 psig. ISIP - 3,040 psig. Perf'd Grayburg fr 3,985'-3,991'(12 holes), 3,978'-3,980'(4 holes), 3,365'-3,973'(16 holes), 3,948'-3,952'(8holes), w/2 SPF (20', 40 holes). Acidized Grayburg fr 3,948'to 4,088' w/1,500 gals of 15% HCL acid while dropping -1.3 SBGS in last 1,125 gals of acid @ rate of 10 BS ever 2.6 bbls. Didn't ball out, showed little ball action. Flushed w/27 bbls of 2% KCL wtr. AIR - 5.0 BPM. Min/Max press - 1,300 psig / 3,800 psig. Min/Max - 2.5 BPM/ 5.5 BPM. ISIP - 2,824 psig. Swab well back recover 10% OC. Frac Grayburg perms (3,948' - 4,088') down 3-1/2" tbg w/53,000 gals 30# linear gel, 51,000 gals 40# linear gel carrying 8,000# 14/30 LiteProp-125, 84,750# 16/30 White sd & 18,000# 16/30 Super LC sd. Flushed 1 bbl short of top perf w/1,437 gals of 40# linear gel. Max/Min press - 4,895/4,388 psig. AIR - 25.2 BPM. AIP - 4,644 psig. ISIP - 2,925 psig. CO sand to 4325'. Circ. clean. RIH w/ beam pump equipment.

07/07/08: Post WO well test: 48 BO, 211 BW & 40 MCF. SPM - 7.3, SL - 120" & 1.50" pmp. RT - 24 hrs. GFFLAP - NA.