

Submit 3 Copies To Appropriate District
Office
District I
1625 N. French Dr., Hobbs, NM 87240
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. 30-045-33145
5. Indicate Type of Lease STATE ☒ FEE ☐
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name: STATE GAS COM
8. Well Number #4
9. OGRID Number 167067
10. Pool name or Wildcat BASIN DAKOTA/BLANCO MESAVERDE
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 6011'
Pit or Below-grade Tank Application ☐ or Closure ☐
Pit type _____ Depth to Groundwater _____ Distance from nearest fresh water well _____ Distance from nearest surface water _____
Pit Liner Thickness: _____ mil Below-Grade Tank: Volume _____ bbls; Construction Material _____

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 2700 Farmington Ave., Bldg. K. Ste 1 Farmington, NM 87401
4. Well Location Unit Letter J : 1975 feet from the SOUTH line and 1545 feet from the EAST line Section 32 Township 31N Range 12W NMPM County SAN JUAN
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 6011'
Pit or Below-grade Tank Application ☐ or Closure ☐
Pit type _____ Depth to Groundwater _____ Distance from nearest fresh water well _____ Distance from nearest surface water _____
Pit Liner Thickness: _____ mil Below-Grade Tank: Volume _____ bbls; Construction Material _____

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

NOTICE OF INTENTION TO:

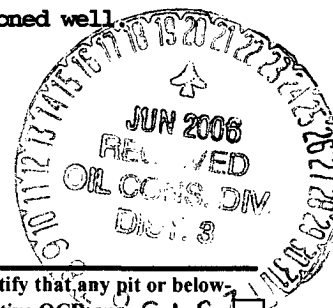
PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
PULL OR ALTER CASING ☐ MULTIPLE COMPLETION ☐
OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDONMENT ☐
CASING TEST AND CEMENT JOB ☐
OTHER: RECOMPLETION & SQUEEZE WORK ☐

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.

Please see the attached summary report for completion & squeeze work on the above mentioned well.



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 Lorri D. Bingham TITLE REGULATORY COMPLIANCE TECH DATE 6/15/06
E-mail address: Regulatory@xtoenergy.com Telephone No. 505-324-1090

For State Use Only

APPROVED BY H. Villanueva TITLE DEPUTY OIL & GAS INSPECTOR, DIST. 3 DATE JUN 20 2006
Conditions of Approval, if any:

State Gas Com #4
Summary of Completion & Squeeze Work
API# 30-045-33145

- 12/03/05: TD 7-7/8" hole @ 7,290' on 12/02/05. Circ.
- 12/04/05: TOH f/logs. MIRU Schulumberger. Ran openhole logs.
- 12/05/05: Set 4-1/2", 10.5#, J-55, STC csg @ 7289'. MIRU BJ Srves. Std to cmt csg. Bridged off. No returns. Wrkd stuck pipe
- 12/06/05: Attempted to estab pmp in rate. Unsuccessful. Could not cmt 4-1/2" csg. Set slips. ND BOP. Cut off csg. Released drlg rig on 12/05/05.
- 12/09/05: MIRU PU. TIH w/bit. Tgd FC @ 7,244'. Circ LCM & drlg mud off FC. DO FC & CO LCM & drlg mud to float shoe jt. EIR dwn csg 1 BPM @ 1,550 psig. TOH w/bit.
- 12/10/05: MIRU pmp trk. EIR 3 BPM fr/1,950 to 2,090 psig w/42 bbls 2% KCl wtr. No returns. RDMO pmp trk. TIH w/cmt retainer.
- 12/13/05: MIRU BJ cmt equip. Set CICR @ 7,222'. Ppd dwn tbg w/5 bbls FW, 10 bbls Mud Clean II & 5 bbls FW. Cmt'd 4-1/2" prod csg w/100 sx Premium Lite High Strength FM cmt w/1% CD-32, 2% FL-52 & 177# KCl (mixed @ 12.5 ppg & 2.00 cu ft/sx yield). Displaced w/21 BW. Press'd to 3,500 psig. SD. Did not circ cmt to surf. Stung out of CICR. Rev circ tbg clean. Rev out 8 bbls cmt. RDMO cmt equip. TOH w/setting tl.
- 12/14/05: MIRU Black Warrior WLU. Ran GR/CCL/CBL log fr/PBTD – surf. Found TOC @ 6,636'. RDMO WLU. TIH w/tbg. Tgd @ 7,222' PBTD.
- 12/15/05: TOH w/tbg. RDMO PU. MIRU H&M pmp trk. PT 5-1/2" csg to 1,500 psig for 30" w/chart. Tst'd OK. RDMO pmp trk. SWI.
- 01/10/06: MIRU Halliburton ac equip. MIRU BWWC WLU. Perf'd L/DK 2 JSPF @ 7,039', 7,037', 7,035', 7,033', 6,994', 6,992', 6,990', 6,988', 6,986', 6,984', 6,970', 6,967' & 6,948' (Ttl 26 - 0.34" holes). RIH w/dmp blr & 10 gal 15% NEFE HCl ac. Spotted ac on perfs fr/7,039' – 7,033'. Bd L/DK perfs w/2% KCl wtr @ 2.1 BPM & 3,730 psig. Acidize L/DK perfs fr/6,948' – 7,039' w/740 gal 15% NEFE HCl ac & 39 – 7/8" 1.1 SG BS. Flshd w/2% KCl wtr @ 7.3 BPM & 2,610 psig. Balled off. Surged off BS. Fin flush. ISIP 2,880 psig. 15" SIP 1,570 psig. RDMO ac equip. RIH w/JB to PBTD. POH w/JB. Rec 36 BS. RDMO WLU.
- 01/11/06: MIRU Halliburton frac & Praxair CO2 equip. Frac'd L/DK perfs fr/6,948' – 7,039' dwn 4-1/2" csg w/28,683 gals Delta 200 frac fld carrying 30,900# 20/40 sd (19,600# 20/40 Ottawa sd & 11,300# 20/40 Super LC RC sd). Flushed w/gel wtr. AIR 20.6 BPM. ATP 2,947 psig. Max sd conc 2.75 ppg. ISIP 2,909 psig. 15" SIP 2,218 psig. SWI 1 hr. MIRU BWWC WLU. Set CBP @ 6,920'. Could not PT CBP. Set CIBP @ 6,915'. PT CIBP. Tstd OK. Perf'd U/DK 1 JSPF fr/6,884' - 6,867' & 1 JSPF @ 6,861', 6,859', 6,821', 6,816' & 6,814' (Ttl 23 - 0.34" holes). RDMO WLU. BD U/DK perfs w/2% KCl wtr @ 5 BPM & 1,805 psig. Acidize U/DK fr/6,814' – 6,884' w/1,000 gal 15% NEFE ac & 39 – 7/8" Bio BS. Flshd w/2% KCl wtr @ 16.4 BPM & 1,922 psig. Balled off. Surged off BS. ISIP 680 psig. 5" SIP 150 psig. .

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- 01/12/06: Attempted to frac'd U/DK perfs. Ppd 7,712 gal 70Q CO2 Purgel III CO2 foam frac fld w/no sd. Blender broke down. Flshd w/30 bbls linear gel wtr. 58 ton CO2 dwnhole. SWI. SD repaired blender. Frac'd U/DK perfs fr/6,814' - 6,884' dwn 4-1/2" csg w/39,658 gals 70Q CO2 Purgel III LT CO2 foam frac fld carrying 63,600# 20/40 sd (49,200# 20/40 Ottawa sd & 14,400# 20/40 Ottawa Super LC/RC sd). Flshd w/96 bbls 70Q CO2 foamed frac fld & linear gel wtr. AIR 25.9 BPM. ATP 3,475 psig. Max TP 3,872 psig. Max sd conc 3.47 ppg. ISIP 2,091 psig. 5" SIP 1,639 psig. 109 ton CO2 dwnhole. RDMO frac equip. SWI 4 hrs. SICP 1,500 psig. OWU on 1/4" ck. Flwd back after frac to cleanup CO2.
- 01/13/06 - 01/15/06: Flwd back after frac to cleanup CO2. SWI.
- 01/31/06: MIRU BWWC WLU. Set CIBP @ 6,720'.
- 02/01/06: Ran GR/CCL/CBL fr/6,720' - 4,720'. Found TOC @ 6,636'. TOC same as on CBL ran 12/13/05. RDMO WLU.
- 03/24/06: MIRU PU. MIRU BWWC WLU. Perf'd 4 sqz holes @ 5,980'. EIR @ 2 BPM & 800 psig w/20 bbls 2% KCl wtr. RDMO WLU. TIH & set CICR @ 5,890'. Rptd to Henry Villanueva w/NMOCD & Kevin Schneider w/BLM @ 11:20 a.m. on 3/23/2006 sqz GP perfs @ 5,980' @ 8:00 a.m. 03/24/2006.
- 03/25/06: MIRU BJ Serv cmt trks. EIR dwn tbg @ 2 BPM & 1,400 psig w/5 bbls 2% KCL wtr. Ppd 10 bbls Mud Clean Spacer @ 2 BPM & 1,300 psig. Sqz'd w/50 sks Premium Lite HS FM cmt (w/0.3% CD-32, 1% FL-52, mix @ 12.5 ppg, 1.97 cuft/sk). Ppd cmt @ 2 BPM & 1,230 psig. Disp w/22.7 BW @ 1 BPM & 1,050 psig. SD. ISIP 640 psig. Did circ cmt to surf. Stung out of CICR. Rev circ tbg clean. Rev out 1 bbl cmt. RDMO cmt trks. TOH w/tbg & setting tl. WOC.
- 03/28/06: MIRU BWWC WLU. Ran GR/CBL log fr/5,890' - 3,890'. TOC @ 5,751'. Perf'd 4 sqz holes @ 5,010'. BD sqz holes @ 1 BPM & 2,300 psig. EIR @ 1 BPM & 1,400 psig w/5 bbls 2% KCl wtr. RDMO WLU. TIH & set CICR @ 4,918'. MIRU Weatherford ac trk. Unstung fr/CICR. Circ 250 gals 7-1/2% NEFE ac to 4,918'. Stung into CICR. EIR into sqz holes @ 3 BPM & 2,500 psig. Flshd acid w/30 bbls 2% KCl wtr @ 3 BPM & 2,400 psig. SD. Did not circ to surf. ISIP 700 psig. 5" SIP 15" SIP 480 psig. Rlsd press. Std to flw fr/BH vlv. Ppd 30 bbls 2% KCl dwn tbg @ 3.3 BPM & 2,000 psig. Circ drlg mud, gas, & wtr out of BH vlv. SD. ISIP 700 psig. Stung out of CICR. Rev circ tbg chn. Stung into CICR. RDMO ac trk. Rptd to Henry Villanueva w/NMOCD & Kevin Schneider w/BLM @ 2:00 p.m. on 3/27/06 sqz for MV perfs @ 5,010' @ 8:00 a.m. 3/28/2006.
- 03/29/06: MIRU BJ cmt equip. EIR dwn tbg 2 BPM @ 1,900 psig w/5 bbls 2% KCl wtr. Ppd 10 bbls Mud Clean Spacer & 5 BFW 2 BPM @ 1,850 psig. Sqz'd perfs @ 5,010' w/80 sks Premium Lite HS cmt w/5% A-10, 2% Pheno Seal, (mixed @ 12.5 ppg, 2.02 cuft/sk). Ppd cmt @ 2 BPM & 1,400 psig. Disp w/2 BFW & sqz'd to 3,000 psig. Stung out fr/CICR. Rev'd out 19 bbls cmt. Ppd 8.5 bbls/23 sks cmt into sqz holes @ 5,010'. Left

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1.5 bbls cmt below CICR. Did not circ cmt to surf. RDMO cmt equip. TOH w/tbg & setting tl. WOC.

- 03/30/06: MIRU BWWC WLU. Ran GR/CBL log fr/4,920' - 2,920'. Did not find TOC above 4,920' (CICR). Plan to drill out & re-log after next sqz. Perf'd 4 sqz holes @ 4,645'. EIR dwn csg 2 BPM @ 400 psig w/blow out of BH vlv. RDMO WLU. TIH & set CICR @ 4,545'. SWI. SDFN. Rptd to Henry Villanueva w/NMOCD & Kevin Schneider w/BLM @ 2:00 p.m. 3/29/06 sqz for Pt Lookout perfs @ 4,645' @ 8:00 a.m. 3/30/06.
- 03/31/06: MIRU BJ cmt equip. EIR dwn tbg into sqz holes 2 BPM @ 630 psig w/5 bbls 2% KCl wtr. Ppd 10 bbls Mud Clean Spacer & 5 BFW @ 2 BPM & 640 psig. Circ fr/BH vlv after 9 bbls ppd. Sqz'd perfs @ 4,645' w/150 sks Premium Lite HS FM cmt w/0.2% CD-32, 0.5% FL-52, 2% KCl, 2% Pheno Seal, 1/4# per sk Cello flake (mixed @ 12.5 ppg, 2.01 cuft/sk). Ppd cmt 2 BPM @ 700 psig. Disp w/19 BFW 2 BPM @ 730 psig. Final pmp press 1,030 psig. Did not circ cmt to surf. Stung out fr/CICR. Rev circ tbg cln. Rev out 1 bbl cmt. No blow fr/BH vlv. RDMO cmt equip. TOH w/tbg & setting tl. WOC.
- 04/01/06: TIH w/bit, DCs & tbg. WOC.
- 04/04/06: TIH & tgd CICR @ 4,545'. DO CICR. DO cmt fr/4,548' - 4,663' (115' cmt). Circ cln. TIH w/8 jts tbg. PT sqz perfs @ 4,645' to 500 psig for 5". Tstd OK. Rlsd press. TIH & tgd CICR @ 4,918'. Started to DO CICR. Bit stopped drlg. TOH w/bit.
- 04/05/06: TIH w/new bit. Tgd CICR @ 4,918'. DO CICR. DO cmt fr/4,921' - 5,021'. Cir cln. PT sqz holes @ 5,010', 4,565' & 5-1/2" csg to 500 psig for 5". Tstd OK.
- 04/06/06: TIH & tgd CICR @ 5,890'. DO CICR. DO cmt fr/5,893' - 5,918'.
- 04/07/06: TIH & tgd CICR @ 5,918'. DO CICR. DO cmt fr/5,920' - 5,980' (BOC). Circ cln. PT sqz holes @ 5,980', 5,010', 4,565' & 5-1/2" csg to 500 psig for 5". Press drpd fr/500 - 300 psig in 2". Rlsd press. TIH & tgd fill @ 6,700'. CO fill fr/6,700' - 6,715'. CIBP @ 6,720'. Cir cln. TOH w/bit. TIH w/bit & csg scraper to 6,100'. TOH w/csg scraper & bit.
- 04/08/06: TIH w/pkr. PT csg. Results fr/tsts: PT csg fr/surf - 4,405' (pkr) to 500 psig for 15". Tstd OK. PT csg fr/surf - 4,825' (pkr) to 500 psig for 15". Press drpd fr/500 - 440 psig in 15". PT csg fr/surf - 5,856' (pkr) to 500 psig for 15". Press drpd fr/500 - 440 psig in 15". PT csg fr/5,856' (pkr) - 6,720' CIBP to 500 psig. Press drpd fr/500 - 0 psig in 4". EIR dwn tbg into sqz holes @ 5,980' 1.8 BPM @ 950 psig. Rlsd pkr. TOH w/pkr. TIH w/CICR. Set CICR @ 5,890'. MIRU BJ cmt equip. Re-sqz'd perfs @ 5,980' w/50 sxs Type III cmt w/0.4% CD-32 (mixed @ 14.4 ppg & 1.37 cu ft/sx yield). Ppd cmt @ 2.3 BPM & 750 psig. Disp w/21.7 BW starting @ 1.7 BPM & 383 psig & ending @ 1 BPM & 2,907 psig. SD. Did not circ cmt to surf. ISIP 2,600 psig. 10" SIP 1,227 psig. Stung out fr/CICR. Rev circ tbg cln. Rev out 2 bbls cmt to pit. RDMO cmt equip. TOH w/40 jts tbg. Recd approval fr/Henry Villanueva w/NMOCD @ 11:50 a.m. & Steve Mason

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w/BLM @ 12:00 p.m. 4/07/06 to sqz csg. Left msg w/Henry Villanueva w/NMOCD & left msg on BLM cmt line @ 3:45 p.m. 4/07/06 sqz csg @ 5,980' @ 5:00 p.m. 4/07/06.

04/11/06: TOH w/tbg & setting tl. TIH w/bit. Tgd cmt @ 5,885' (5' of cmt). DO cmt fr/5,885' - 5,890' (CICR). DO CICR & cmt fr/5,890' - 5,984' (sqz perfs @ 5,980'). Circ 1/2 hr. TIH w/4 jts tbg. EOT @ 6,142'. Sqz'd perfs @ 4,645', 5,010' & 5,980'. PT csg & sqz holes fr/surf - 6,720' (CIBP) to 550 psig for 30". Press fr/550 psig - 518 psig in 30". Tstd OK. Rlsd press. TOH w/bit.

04/12/06: MIRU BWWC WLU. Ran GR/CCL/CBL log fr/6,685' - 2,460'. TOC @ 3,178'. Cmt for 4-1/2" prod csg (w/sqz holes @ 4,645', 5,010' & 5,980') fr/3,178' - 4,645', fr/4,958' - 5,178', fr/5,751' - 6,064' & 6,636' - 7,296' TD. Set CIBP @ 5,000'. RDMO WLU. TIH w/pkr & set pkr @ 4,900'. MIRU press trk. PT CIBP. CIBP holding. Rlsd pkr. TOH w/pkr. MIRU Weatherford WLU. Perf'd Pt Lookout MV 1 JSPF @ 4,902', 4,893', 4,891', 4,877', 4,869', 4,860', 4,855', 4,843', 4,841', 4,833', 4,826', 4,822', 4,804', 4,788', 4,775', 4,769', 4,752', 4,737', 4,727', 4,725', 4,721', 4,714', 4,712', 4,709', 4,705', 4,703', 4,697', 4,693', 4,685', 4,679', 4,671', 4,667', 4,663', 4,659', 4,655', 4,651', 4,649', 4,647' & 4,645' (ttl 39 - 0.34" holes). RDMO WLU. TIH & set RBP @ 4,600'. TOH w/tbg & setting tl.

04/13/06: ND BOP. NU frac vlv. PT 4-1/2" csg, RBP & frac vlv. Tstd OK. Rlsd press. TIH w/ret tl. Caught & rlsd RBP @ 4,600'. TOH w/RBP. TIH w/DC's, XO, & tbg. TOH & LD w/tbg, XO, & DC's. SWI. RDMO PU.

04/27/06: MIRU Weatherford ac equip. BD Pt Lookout perfs @ 3 BPM & 750 psig. Acidized Pt Lookout MV perfs fr/4,645' - 4,902' w/1,000 gals 15% NEFE HCl ac & 59 Bio balls. Flshd w/100 bbls 2% KCl wtr @ 11 BPM & 700 psig. Saw ball action but did not ball off. SICP 300 psig. 15" SIP 90 psig. SWI. RDMO ac equip.

04/28/06: MIRU Halliburton frac equip. Frac'd Pt Lookout perfs fr/4,645' - 4,902' down 4-1/2" csg w/149,102 gals 60Q - 75Q foamed slickwater carrying 136,900# 20/40 Brady sd. Max sd conc 1.7 ppg. AIR 62 BPM. ATP 2,501 psig. Max TP 2,627 psig. ISIP 2,069 psig. 5" SIP 1,732 psig. 1,759 mscf N2 downhole. SWI 2 hrs. SICP 1,420 psig. OWU on 1/8" ck. Flwd back after frac to cln up N2

04/29/06 - 04/30/06: Flwd back after frac to cln up N2. SWI.

05/10/06: MIRU PU. ND frac vlv. NU BOP.

05/11/06 - 05/20/06: TIH. Tgd @ 4850'. RU AFU. CO fill fr/4,850' - 5,000'. DO CIBP @ 5,000', 6,720', 6,915 & CBP @ 6,920' w/bit & junk mill. CO to 7,222' PBTD. RD AFU.

05/23/06 - 05/24/06: TIH w/NC, SN & 2-3/8" tbg. Tgd @ 7,222' (PBTD). PUH to 6,945'. Could not swab in DK/MV.

05/25/06 - 06/02/06: TOH w/tbg, SN & NC. TIH w/RBP. Set RBP @ various depths & swab/flow test MV & DK.

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- 06/03/06 DK/MV IP tst: F. 0 BO, 28 BLW, 191 MCFD (based on 1,528 MCFD calc wet gas rate), FTP 230 psig, SICP 630 psig, 1/2" ck, 3 hrs. Alloc DK IP tst: F. 0 BO, 14 BLW, 109 MCFD (based on 872 MCFD calc wet gas rate), FTP 230 psig, SICP 630 psig, 1/2" ck, 3 hrs. Alloc MV IP tst: F. 0 BO, 14 BLW, 82 MCFD (based on 656 MCFD calc wet gas rate), FTP 230 psig, SICP 630 psig, 1/2" ck, 3 hrs. SWI.
- 06/06/06 TOH w/RBP.
- 06/07/06 TIH w/2-3/8" x 30' OEMA, 2-3/8" SN, 13 jts 2-3/8", 4.7#, J-55, EUE, 8rd tbg, 4-1/2" x 2-3/8" Baker TAC & 206 jts 2-3/8", 4.7#, J-55, EUE, 8rd tbg. Landed tbg as follows: Baker TAC set @ 6,687' w/12 K ten. EOT @ 7,141'. MV perfs fr/4,645' - 4,902'. DK perfs fr/6,814' - 7,039'. PBTD 7,222'. ND BOP. NU WH. TIH w/2" x 1-1/4" x 20' RHAC pmp w/1" x 1' strn nip, spiral rod guide, 1' x 1" LS, 1 - 1-1/4" sinker bar, 1- 3/4" shear tl w/21K shear, 5 - 1-1/4" sinker bars, 6 - 7/8" Norris gr "D" rods w/5 molded guides per rod, 162 - 3/4" Norris gr "D" rods, 110 - 7/8" Norris gr "D" rods, 3 - 7/8" rod subs (8', 6', & 4') & 1-1/4" x 26' PR w/1-1/2" x 16' lnr. Seated pmp. Clamped off rods. RDMO PU. Prep for btry construction & setting ppg unit.