

Submit 3 Copies To Appropriate District
Office
District I
1625 N. French Dr., Hobbs, NM 87240
District II
811 South First, Artesia, NM 87210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

Form C-103
Revised March 25, 1999

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. 30-045-08099
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 2700 Farmington Ave., Bldg. K. Ste 1 Farmington, NM 87401		7. Lease Name or Unit Agreement Name: BERGIN GAS COM.
4. Well Location Unit Letter <u>B</u> : <u>1010</u> feet from the <u>NORTH</u> line and <u>1820</u> feet from the <u>EAST</u> line Section <u>21</u> Township <u>29N</u> Range <u>11W</u> NMPM County <u>SAN JUAN</u>		8. Well No. 1
10. Elevation (Show whether DR, RKB, RT, GR, etc.) 5475' GR		9. Pool name or Wildcat OTERO CHACRA

11. 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: REPAIR CASING LEAK & RECOMPLETE TO CHACRA ☒

12. 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 recompilation.

XTO Energy Inc. repaired casing leak by squeeze cementing and recompleted this well to the Chacra formation. See attachment for details.

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

SIGNATURE Ray Martin TITLE OPERATIONS ENGINEER DATE 2/5/02

Type or print name RAY MARTIN

Telephone No. 505-324-1090

(This space for State use)

APPROVED BY _____ TITLE _____ DATE FEB - 6 2002
Conditions of approval, if any:

2/6/02 RDMO Triple "P" Well Service Rig #4.

2/5/02 SITP & SICP 700 psig. Blew well dwn. Killed well. TOH w/bit. TIH w/prod tbg. Tgd PBDT @ 2,944' (no fill). IP tst: F. 0 BO, 30 BLW, 94 MCF (751 MCFD calc), FTP 120 psig, SICP 400 psig, 1/2" ck. 3 hrs. Killed well. Tgd PBDT @ 2,944' (no fill). LD 7 jts tbg. ND BOP. NU WH. Landed EOT @ 2,780'. SN @ 2,779'. CH perfs 2,666'-2,785'. PBDT 2,994'. SWI. SDFN

Tubing**Location:****Upper****ZONE 1 Desc:** CH**Top Perf:** 2,666.00**Btm Perf:** 2,785.00**OH:** No

<u>Qty</u>	<u>Type</u>	<u>Description</u>	<u>Cond</u>	<u>Top Depth</u>	<u>Btm Depth</u>	<u>Length</u>
88	Tubing	2-3/8", 4.7#, J-55, EUE, 8rd tbg	Same	11.50	2,778.51	2,767.01'
1	Other	2-3/8" API SN	Same	2,778.51	2,779.61	1.10'
1	Other	2-3/8" NC	Same	2,779.61	2,779.93	0.32'
Total						2,768.43'
KB Corr						11.50'
Landed @						2,779.93'

2/4/02 SDF Sun.

2/3/02 SDF Sat.

2/2/02 SITP 800 psig. SICP 700 psig. Fin TIH w/bit & DC's. Tgd fill @ 2,703'. RU Lea Fishing Tool AFU. CO frac sd fill fr/2,703' - 2,740'. DO CIBP @ 2,740'. TIH. Tgd fill @ 2,820'. CO frac sd fill fr/2,820' - 2,944' PBDT (CICR). Circ hole for 2 hrs. POH w/8 stds of tbg. SWI. SDFN.

2/1/02 SITP 800 psig. OWU on 1/4" ck. F. N2 & 3 BLW, FTP 800 - 350 psig, 1/4" ck, 1 hr. Inc ck to 3/8". F. N2 (w/gas last 3 hrs) & 35 BLW, FTP 350 - 170 psig, 3/8" ck, 5 hrs. Blew well dwn. Remove Stinger frac stack tool. Rel pkr. TOH & LD 2-7/8" N-80 workstring & pkr. PU new 3-7/8" bit & 2 - 3-1/8" DC's. TIH w/52 jts 2-3/8" tbg. SWI. SDFN. Used 110 bbls PW to kill well during day. All kill wtr recovered.

1/31/02 SITP 900 psig. OWU on 1/4" ck. F. N2 & 58 BLW w/light to no sd, FTP 900 - 260 psig, 1/4" ck, 10 hrs. SWI. SDFN.

1/30/02 SITP 1,200 psig. OWU on 1/8" ck. F. N2 & 24 BLW w/med sd, FTP 1,200 - 500 psig, 1/8" ck, 3 hrs. Inc ck to 1/4". F. N2 & 48 BLW w/med sd, FTP 500 - 430 psig, 1/4" ck, 7 hrs. SWI. SDFN.

1/29/02 MIRU Schl acid/frac equip. Press TCA to 200 psig & monitored through job. BD CH perfs @ 1,610 psig. A. CH perfs fr/2,666'-84' dwn 2-7/8" N-80 workstring w/500 gals 15% NEFE HCl acid w/clay stab & corr inhib additives. Flushed w/22 bbls 4% KCl wtr (4 bbls overflush). AIR 7 BPM. ATP 940 psig. ISIP 165 psig. 30 sec SIP vac. Frac'd Chacra perfs fr/2,666'-84' dwn 2-7/8" N-80 workstring w/50,000 gals 70Q N2 foamed ClearFrac fluid (4% KCl wtr + 0.7% J508W) carrying 93,497# 20/40 Brady sd. Flushed w/15 bbls 4% KCl wtr. AIR 20 BPM (DH foam rate). ATP 3,150 psig. Max IR 22 BPM. Max TP 3,250 psig. ISIP 916 psig. 5" SIP 893 psig. RDMO acid & frac equip. 2 hr SITP 560 psig. OWU on 1/8" ck. F. N2 & 21 BLW w/light sd, FTP 1,200 psig, 1/8" ck, 4 hrs. SWI. SDFN.

1/28/02 SD for Sun.

1/27/02 SD for Sat.

1/26/02 SD WO on frac crew.

- 1/25/02 SITP 700 psig. Blew well dwn. Killed well w/PW. Rmv'd frac head. Rel pkr. TOH & LD pkr. RU Computalog WL trk. Set WL CIBP @ 2,740'. Tst CIBP to 500 psig. Held OK. Perf Chacra 2 JSPF fr/2,666'-2,684' (ttl 36 - 0.29" holes). RD WL trk. PU Arrow 4-1/2" A-32 pkr & TIH w/2-7/8" N-80 WS. Set pkr @ 2,505' w/20 pts tension. Inst Stinger's 10,000# frac stack tool. Press TCA to 500 psig. Held OK. Release press. SWI. SDFN. Used 100 bbls PW to kill well throughout day.
- 1/24/02 SITP 1,050 psig. OWU on 1/4" ck. F. 0 BO, 20 BLW w/N2 & sd, FTP 1,050 - 430 psig, 1/4" ck, 4 hrs. Inc ck to 3/8". F. 0 BO, 26 BLW w/N2 & light sd, FTP 480 - 265 psig, 3/8" ck, 6 hrs. Ttl rec 46 BLW. SWI. SDFN.
- 1/23/02 MIRU Schl acid/frac equip & Computalog WL trk. Press TCA to 100 psig & monitored through job. A. Chacra perfs fr/2,772'-85' dwn 2-7/8" N-80 workstring w/500 gals 15% NEFE HCL acid w/clay stab & corrosion inhib additives. Flushed w/23 bbls 4% KCl wtr (4 bbls overflush). AIR 6 BPM. ATP 1,300 psig. ISIP 910 psig. 5" SIP 612 psig. 10" SIP 485 psig. Frac'd Chacra perfs fr/2,772'-85' dwn 2-7/8" N-80 workstring w/50,000 gals 70Q N2 foamed ClearFrac fluid (4% KCl wtr + 0.7% J508W) carrying 99,483# 20/40 Brady sd. Cut N2. Ppd 5 bbls sd plug. Flushed w/12.5 bbls 4% KCl wtr. AIR 20 BPM (DH foam rate). ATP 3,400 psig. Max IR 21.9 BPM. Max TP 3,661 psig. ISIP 983 psig. 5" SIP 988 psig. 10" SIP 1,029 psig. 15" SIP 942 psig. SWI 1 hr. RU WL lub. RIH w/sinker bars. Tgd sd @ 1,590'. Pulled sinker bars into lub. Waited 1/2 hr. RIH w/sinker bars. Tgd sd @ 1,491'. Pulled sinker bars into lub. RU flowline. OWU on 1/2" ck. Flowback 20 BW w/sd. FTP 880 psig. SWI. Ppd 18 bbls 4% KCl wtr 1.6 BPM @ 900 psig. RIH w/sinker bars. Tgd sd @ 2,919' (134' below perfs). POH. RD WL lub. RDMO WL trk. RDMO acid & frac equip. Flwd well 1 hr on 1/4" ck, FTP 1,300 psig for 1 hr. SWI. SDFN.
- 1/22/02 SICP 0 psig. MIRU Computalog WL trk. Perf'd CH 2 JSPF fr/2,772'-2,785' (ttl 26 - 0.29" holes). RDMO WL trk. PU & TIH w/Baker CS FB Model pkr, 2-3/8" x 2-7/8" XO & 78 jts 2-7/8" 6.5#, N-80 Buttress tbg. Set pkr @ 2,505' w/20 pts tension. NU Stinger frac stack tool to BOP. Tstd TCA to 550 psig. Held OK. BD CH perfs @ 1,000 psig. EIR 2 BPM @ 900 psig. Ppd 5 bbls 2% KCl wtr. SD. ISIP 400 psig. 5" SIP 50 psig. Bled off TCA press. MIRU hot oiler. Heated wtr in frac tnks. SWI. SDFN.
- 1/21/02 SDF Sunday.
- 1/20/02 SITP & SICP 0 psig. DO hard cmt fr/2,338'-2,480'. Fell free. Press tstd 4-1/2" csg & sqz'd hole @ 2,450' to 600 psig. Held OK for 30" (575 psig after 30"). TIH. Tgd CICR @ 2,944' PBTD. Circ well w/80 bbls 2% KCl wtr. TOH. LD DC's & bit. SWI. SDFN.
- 1/19/02 Rel pkr. TOH. LD pkr. PU 3-7/8" bit & 2 - 3-1/8" DC's. TIH. Tgd cmt @ 1,850'. DO hard cmt fr/1,850'-1,920'. Fell free. Press tstd sqz'd csg leak isolated fr/1,895'-1,926' to 500 psig. Held OK for 30". TIH. Tgd cmt @ 2,234'. DO hard cmt & CICR fr/2,234'-38'. SWI. SDFN.
- 1/18/02 Press csg to 500 psig. Bled off 100 psig in 2". Rel press. TIH & tagged cmt @ 2,234' (102' above CICR @ 2,236'). TOH & LD CICR Stinger. PU Schl 4-1/2" tension pkr & TIH. Set pkr @ 1,705'. Press csg to 1,000 psig. Bled off 90 psig in 1". Rel pkr. TIH to 1,958'. MIRU Schl cmt trk. Spotted 12 sx Micro Fine D-163 cmt w/0.03 gal/sx D-47 (antifoamer), 1.5 gal/sx D-173 (fluid loss additive), and 0.17 gal/sx D-80 (dispersant) fr/1,958' - 1,770'. Displ w/5.5 bbls wtr. TOH to 1,642'. Rev circ hole w/17 bbls wtr. Set pkr. Press tbg to 1,000 psig. RDMO cmt trk. Maintained 1,000 psig on tbg w/rig pmp for 2 hrs. SWI w/1,000 psig on tbg. SDFN.
- 1/17/02 TIH w/3 stands. PU swivel & DO soft cmt fr/2,390' - 2,450'. TIH & tagged cmt @ 2,943' (CICR @ 2,944'). Press csg to 500 psig. Bled off 80 psig in 3". TOH. PU Schl 4-1/2" tension pkr & TIH. Set pkr @ 1,950'. Ppd 1 BPM @ 400 psig. Circ up TCA. Rel pkr & TIH to 2,500'. Reset pkr. Press to 1,000 psig. Held OK. Rel pkr. PUH to 2,400'. Reset pkr. Ppd 1 BPM @ 200 psig. Circ up TCA. Rel pkr & PUH to 1,878'. Press to 500 psig. Bled off 80 psig in 3". TOH & LD pkr. PU 4-1/2" CICR & TIH to

- 2,336'. Broke circ thru CICR. Set CICR @ 2,336'. MIRU Schl cmt trks. Break circ w/8.5 bbls 2% KCl wtr. Switched to cmt. Ppd 230 sx Class G cmt w/0.2% D167 (FL add), 0.2% D65 (dispersant), 1% S-1 (CaCl₂), and 0.1% D46 antifoamer. Mixed @ 15.8 ppg w/1.17 cuft/sx yield. Lost circ after ppg 115 sx @ 2.5 BPM & 1,000 psig. Reduced pmp rate to 1.7 BPM & 850 psig. Ppd 24 sx. Had not regained circ. Reduced pmp rate to 1.1 BPM & 460 psig. Did not regain circ. Reduced ppg rate to 0.6 BPM & 340 psig. Ppd remainder of cmt w/o circ. Switched to flush. Ppd flush @ 0.3 BPM & 45 psig. No returns after ppg 4 bbls flush. Hesitated 10". Press fell to 174 psig. Ppd 0.1 bbl wtr. Press to 842 psig then fell back. Hesitated 10". Press 179 psig. Ppd 0.3 bbl wtr. Press to 893 psig then fell back. Hesitated 10". Press 243 psig. Ppd 0.1 bbl wtr. Press to 938 psig then fell back. Hesitated 10". Press 462 psig. Ppd 0.1 bbls wtr. Press to 1,057 psig & held @ 1,048 psig. Stung out of CICR. TOH w/2 stds. Attempted to rev circ. Press TCA to 737 psig w/o breaking circ. Conventionally circ cmt OH w/40 bbls 2% KCl wtr. RDMO cmt trks. TOH 13 stands. SWI. SDFN.
- 1/16/02** SICP 60 psig. Bled dwn csg. PU & TIH w/Schl 4-1/2" tension pkr. Tgd cmt @ 2,200' (250' above top sqz hole). TOH. LD pkr. PU & TIH w/3-7/8" bit, 2 - 3-1/8" DC's. DO soft cmt fr/2,200' - 2,390' (60' above top sqz hole). Circ hole clean. TOH w/3 stands. SWI to WOC. SDFN.
- 1/15/02** SICP 0 psig. RU Computalog WL trk. Perf'd sqz holes 4 JSPF @ 2,980' & 2,450' (ttl 8 holes). RDMO WL trk. TIH w/4-1/2" Schl CICR. Set CICR @ 2,944' on 93 jts 2-3/8" tbq. Had small flow out tbq & csg. MIRU Schl cmt trks. Ppd 5 bbls fresh wtr. Broke circ thru sqz holes out TCA. Ppd 160 sx 12.5 ppg LiteCRETE cmt (Class G cmt w/LiteCRETE additives). Mixed cmt @ 12.5 ppg & 1.6 cu ft/sx yield. Lost circ on last 20 sx ppd. Flushed w/11.2 bbls fresh wtr. Regained circ out TCA last 2 bbls of flush. Stung out of CICR. Rev circ tbq w/61 bbls fresh wtr. Rec 1/2 bbl cmt. SD. Csg & tbq flwg. TOH to 2,400'. Rev circ 30 bbls fresh wtr. SD. Small flow out of tbq & csg. TOH. LD CICR setting tool. Loaded hole w/4 bbls fresh wtr. SWI. SDFN.
- 1/14/02** SD for Sunday.
- 1/13/02** Press CIBP & csg to 500 psig. Bled off 50 psig in 2". PU Schlum 4-1/2" tension pkr & TIH to 2,990'. Set pkr. Press CIBP & csg to 500 psig. Held OK. Rel pkr. PUH to 2,392'. Reset pkr. Press CIBP & csg to 500 psig. Held OK. Rel pkr. PUH to 1,895'. Reset pkr. Press CIBP & csg to 500 psig. Bled off 25 psig in 2". Rel pkr & GIH to 1,926'. Reset pkr. Press CIBP & csg to 500 psig. Held OK for 30". Rel pkr. PUH to 1,895'. Reset pkr. Press TCA to 580 psig. Held OK. Loc leak between 1,895' & 1,926'. DVT @ 1,911'. Rel pkr. TOH & LD pkr. SWI. SDFN.
- 1/12/02** FTP 220 psig, SICP 300 psig. Killed well w/40 bbls 2% KCl wtr. ND WH. NO BOP. Tallied 2-3/8" tbq OH. PU 4-1/2" CIBP & TIH. Set CIBP @ 6,000'. Press CIBP & csg to 500 psig. Bled off 40 psig in 1". Bled off press & circ hole for 20". Press CIBP & csg to 600 psig. Bled off 140 psig in 10". TOH & LD setting tool. SWI. SDFN.
- 1/11/02** MIRU Triple P Well Serv Rig #4.