

New Mexico Oil Conservation Division, District I

Form 3160-5
(April 2004)1625 N. French Drive
Albuquerque, NM 88240
UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB No. 1004-0137
Expires: March 31, 2007

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE- Other instructions on reverse side.

1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other2. Name of Operator
XTO Energy Inc.3a. Address
200 North Loraine, Suite 800, Midland, Tx 797013b. Phone No. (include area code)
432-620-6724

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Unit 1tr D, 660' FNL & 660' FWL
Sec 31, T23S, R32E

5. Lease Serial No.

NM 18846

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.

SDE 31 Federal 1

9. API Well No.

30-025-32676

10. Field and Pool, or Exploratory Area
Triste Draw, Delaware West

11. County or Parish, State

Lea, New Mexico

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input checked="" type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleation in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

11/4/04 MIRU Pool Well Service PU (Lozano). POOH w/rods & top part of pmp. SWI & SDON.

11/5/04 NU BOP. POOH w/76 jts of 2-7/8" tbg. Well std flwg up the tbg. Unable to swab well dwn due to paraffin in tbg. SWI & SDON.

11/6/04 RU Key pmp trk. Pmpd 40 bbls of 10# brine dwn backside to kill well. POOH w/16 jts of 2-7/8" tbg & well std flowing up tbg. SWI & waited on Gray Wireline. RU Gray Wireline trk. RIH w/wireline punch to bottom of tbg. Punched holes in 2-7/8" tbg above SN. POOH w/wireline. RD Gray Wireline. RU Key pmp trk & pmpd 35 bbls of 10# brine dwn tbg. POOH w/181 jts of 2-7/8" tbg. RD Key pmp trk. SWI & SDON.

11/7/04 PU & RIH w/4-3/4" bit, 5-1/2" csg scraper on 253 jts of 2-7/8" tbg to 8,100'. TOH w/2-7/8" tbg & tools. RU Gray Wireline Service. RIH w/5-1/2" CIBP. Set CIBP @ 8,000'. POOH w/WL. RIH w/dump bailer & dumped 20' of sand on CIBP. POOH w/WL. RIH w/3-1/8" csg gun & perf'd 7,196'-7,206' (10', 10 holes), 7,160'-7,174' (14', 14 holes) & 7,114'-7,122' (8', 8 holes) w/1 JSPF. RD Gray Wireline Service. Chg'd out rams on BOP for 3-1/2" WS. RD Key pmp trk. MI & racked 7,200' of 3-1/2" tbg. SWI & SDON.

11/8/04 SDF Sunday.

11/9/04 RU Bo Monk Pipe Tstrs. PU & RIH w/5-1/2" AS 1X pkr & 223 jts of 3-1/2", 9.3#, L-80, EUE, 8rd WS. Press tstd WS to 7,500 psig below the slips. RD Bo Monk Tsters. Set pkr @ 7,042'. Loaded TCA w/75 bbls 2% KCl wtr & press tstd to 500 psig for 20", held OK. RD Key pmp trk. SWI & SDON.

ACCEPTED FOR RECORD

14. I hereby certify that the foregoing is true and correct
Name (Printed/Typed)

DeeAnn Kemp

Title Regulatory Tech

Signature

Date

DEC 13 2004

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

GARY COURLEY
PETROLEUM ENGINEER

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

SDP 11 FEDERAL	Well # 01
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11/10/04 MI & RU Schlumberger Acid Services. RU Key transport. Press TCA to 500 psig & monitored during treatment. EIR into Upper Brushy Canyon perfs (7,114'-7,206') @ 5.0 BPM & 2,450 psig w/2% KCl wtr. Acidized Brushy Canyon perfs (7,114'-7,206') w/3,000 gals 8.5% NEFE HCl acid 5 BPM & 354 psig. After 18 bbls acid pmpd, dropped 6 - 7/8", 1.3 SG, RCNBS after each 5 bbls of acid. Observed limited ball action during treatment w/no ball out occurring. Flushed acid to btm perf @ 5 BPM w/63 bbls 2% KCl. ISIP vac. Max/min press 2,815/523 psig. 165 BLWTR. RDMO Schlumberger & Key transport. SDF 1 hrs. SITP 0 psig. Flwd well back to test tank for 1 hr & rec 0 BW. RU swab. Made 18 swab runs. Swbd 88 BW in 6 hrs. BFL @ 700' FS. EFL @ 6,400' FS. 77 BLWTR. SION

Event Desc: Acidized Upper Brushy Canyon Top Interval: 7,114 Bottom Interval: 7,206

Event	Stage	Vol	Rate	Press	
Seq	Desc	(gal)	(bpm)	(psig)	Comments
1	Acid	210	5.0	0.0	EIR into perfs
3	Flush	1,638	5.0	2,456.0	Loaded tbg and EIR into perfs.
5	Acid	2,790	5.0	354.0	Acidized perfs dropping 6 RCNBS after every 5 bbl acid. Did not ball out & saw limited ball action.

Ttl Gals: 4,638

Swab Zone: Canyon

Event Desc: Swab after acid job. Top Interval: 7,114 Bottom Interval: 7,206

Time	Swab Runs	Casing Psig	Tubing Psig	Beg FL	BBLs	Rec Comments
10:30	0	500	0	700	0.00	Did not flow any FL to TT.
11:30	4	500	0	1,800	22.00	100% wtr.
12:30	2	500	0	2,700	5.00	100% wtr.
13:30	3	500	0	3,400	13.00	100% wtr.
14:30	3	500	0	4,300	17.00	100% wtr.
15:30	3	500	0	5,700	17.00	100% wtr.
16:30	3	500	0	6,400	14.00	100% wtr.

Ttl Bbls: 88.00

11/11/04 SITP 20 psig. RU swab. BFL @ 3,900'. In 9 hrs, made 23 swab runs & rec 6 BO & 65 BW. EFL @ 6,100'. 6 BLWTR. SWI & SDON.

Event Desc: Swab after acid job Top Interval: 7,114 Bottom Interval: 7,206

Time	Swab Runs	Casing Psig	Tubing Psig	Beg FL	BBLs	Rec Comments
07:30	0	500	20	3,900	0.00	SITP.
08:30	3	500	0	4,500	9.00	11% oil
09:30	3	500	0	5,200	9.00	11% oil
10:30	3	500	0	5,900	13.00	31% oil
11:30	3	500	0	6,000	9.00	100% wtr
12:30	3	500	0	6,200	5.00	100% wtr
13:30	3	500	0	6,600	8.00	12% oil
14:30	3	500	0	6,800	5.00	20% oil
15:30	1	500	0	5,700	5.00	100% wtr
16:30	1	500	0	6,100	8.00	100% wtr
Ttl Bbls:					71.00	

11/12/04 SITP 10 psig. RU swab. BFL @ 4,500'. In 7 hrs, made 13 swab runs & rec 3 BO & 36 BW. EFL @ 6,800'. 0 BLWTR. SWI & SDON.

Event Desc: Swab after acid job Top Interval: 7,114 Bottom Interval: 7,206

	Swab	Casing	Tubing	Beg	BBLs	
Time	Runs	Psig	Psig	FL	Rec	Comments
07:00	0	500	10	4,500	0.00	SITP
08:00	3	500	0	5,200	9.00	100% wtr
09:00	3	500	0	6,200	17.00	6% oil
10:00	3	500	0	6,300	5.00	100% wtr
11:00	2	500	0	6,800	3.00	100% wtr
12:00	2	500	0	6,800	5.00	40% oil

Ttl
Bbls: 39.00

11/13/04 SITP 10 psig. MIRU Schlumberger frac equipment. Press tstd lines to 6,000 psig. Held safety mtg. Frac'd Upper Brushy Canyon perfs 7,114'-7,122', 7,160'-7,174' & 7,196'-7,206' (32 perfs) w/734 bbls J533-40 ClearFrac & 62,000# 20/40 Ottawa sd. AIR 15.7 BPM @ 1,217 psig. Max/Min press 4,099/928 psig. Flushed to top perf. ISIP 125 psig, 5" SIP 25 psig, 7" SIP 0 psig. RDMO Schlumberger Frac Services. 901 BLWTR. SITP vac. RU swab. BFL @ 800'. In 3-1/2 hrs, made 15 swab runs & rec 84 BW. EFL @ 2500'. SWI & SDON.

Event Desc: Frac Stimulation Top Interval: 7,114 Bottom Interval: 7,206

Event	Stage	Vol	Rate	Press	
Seq	Desc	(gal)	(bpm)	(psig)	Comments
1	Pre-pad	3,000	6.6	252.0	Loaded tbg w/36 bbls(4,500' FL)
2	Pre-pad	2,000	16.7	3,355.0	
3	Pad	10,000	14.6	1,533.0	
4	1# sand	3,000	20.2	1,262.0	
5	2# sand	3,000	20.1	1,236.0	
6	3# sand	4,000	20.2	1,101.0	
7	4# sand	4,000	20.4	1,005.0	
8	5# sand	5,000	20.2	1,178.0	
9	Flush	1,809	4.3	424.0	ISIP 125 psig.

Ttl Gals: 35,809

Swab Zone: Canyon

Event Desc: Swab after acid job Top Interval: 7,114 Bottom Interval: 7,206

	Swab	Casing	Tubing	Beg	BBLs	
Time	Runs	Psig	Psig	FL	Rec	Comments
13:00	0	500	0	800	0.00	SITP
14:00	4	500	0	1,800	25.00	100% wtr
15:00	4	500	0	1,800	20.00	100% wtr
16:00	4	500	0	2,000	23.00	100% wtr
16:30	3	500	0	2,500	16.00	100% wtr. BLWTR 817

Ttl
Bbls: 84.00

11/14/04 SDF Saturday.

11/15/04 SDF Sunday.

11/16/04 SITP 0 psig. RU swab. BFL @ 3,000'. In 4 hrs, made 10 swab runs & rec 59 BW. EFL @ 3,800'. 475 BLWTR. RD swab. Rel pkr @ 7,042'. POOH LD 220 jts of 3-1/2" WS tbg. SWI & SDON.

Event Desc: Swab after acid job Top Interval: 7,114 Bottom Interval: 7,206

Swab	Casing	Tubing	Beg	BBLs
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<u>Time</u>	<u>Runs</u>	<u>Psig</u>	<u>Psig</u>	<u>FL</u>	<u>Rec</u>	<u>Comments</u>
07:00	0	500	20	3,000	0.00	SITP
08:00	3	500	0	3,500	22.00	100% wtr
09:00	3	500	0	4,000	21.00	100% wtr
10:00	2	500	0	3,800	8.00	100% wtr
11:00	2	500	0	3,800	8.00	100% wtr. 475 BLWTR.
Ttl						
Bbls:					59.00	

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11/17/04 FIN POOH LD 31 jts of 3-1/2" WS. PU & RIH w/4-3/4" bit on 254 jts of 2-7/8", 6.5#, 1-80, EUE, 8rd tbg. Tagged fill @ 7,927', 73' of fill. POOH w/2-7/8" tbg & bit. STD RIH w/prod string. SWI & SDON.

11/18/04 RIH w/BPMA, PS, SN, 1 jt 2-7/8" IPC tbg, 7 jts 2-7/8" tbg, TAC & 224 jts 2-7/8" tbg. ND BOP. Set TAC w/14 pts tension. NU wellhead. LD 41 extra jts 2-7/8" tbg fr well. SWI & SDON.

11/19/04 RIH w/rod string. Std POOH LD 107 - 7/8" rods, 117 - 3/4" rods. Had problems breaking rods due to paraffin & rod shoulders. SWI & SDON.

11/20/04 Fin POOH LD 101 - 3/4" rods & 15 - 1" rods. RU Key hot oiler. Hot Oiled 2-7/8" tbg w/50 BO. RD Key hot oiler. ND wellhead. Rel TAC. NU BOP. POOH w/2-7/8" prod tbg. RIH w/Cavins sd check valve, 2 jts 2-7/8" tbg, Cavins Desander, 2-7/8" tbg sub, SN, 1 jt 2-7/8" IPC tbg, 7 jts 2-7/8" tbg, TAC & 224 jts 2-7/8" tbg. ND BOP. Set TAC w/15 pts. NU wellhead. SWI & SDON.

11/21/04 Pu & RIH w/2.5" x 1.75" x 24' RHBC pmp (SN #XT0111), 4' x 7/8" stabilzier rod, 8 - 1-1/2" K-bars, 134 - 3/4" Norris 97 sucker rods, 143 - 7/8" Norris 97 sucker rods, 8' x 7/8" pony rod, 6' x 7/8" pony rod, 4' x 7/8" pony rod, 2' x 7/8" pony rod & 1-1/2" x 26' polish rod liner. SWO & HWO. RU Lobo pmp trk. Loaded 2-7/8" tbg w/14 BW. Pressd tbg to 500 psig in 4 strokes, held ok. RD Key pmp trk. RDMO PU. RWTP.

11/23/04 In 24 hrs, well pmd 14 BO, 225 BW & 30 MCF w/1-3/4" pmp @ 6.3 SPM & 120" SL. 100% run time. FL 105' FAP.

11/24/04 In 24 hrs, well pmd 8 BO, 197 BW & 35 MCF w/1-3/4" pmp @ 6.3 SPM & 120" SL. 100% run time. FL 4,401' FAP.