

UNITED STATES
DEPARTMENT OF THE INTERIOR **OCD-HOBBS**
BUREAU OF LAND MANAGEMENT

FORM 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.

RECEIVED

SUBMIT IN TRIPLICATE - Other instructions on reverse side

MAR 25 2008

HOBBS OCD

1 Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

XTO Energy Inc.

3a Address

200 N. Loraine, Ste. 800 Midland, TX 79701

3b Phone No. (include area code)

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

Unit: F 1980' FNL & 1980' FWL
Sec 31, T23S, R32E
23 Miles East of Loving, NM

5 Lease Serial No.

NM 18848

6 If Indian, Allottee or Tribe Name

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

NM 18848

8 Well Name and No.

SDE 31 Federal #4

9 API Well No

30-025-32716

10 Field and Pool, or Exploratory Area

Triste Draw; Delaware; West
Sand Dune; Bone Spring; South

11. County or Parish, State

Lea

NM

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

TYPE OF SUBMISSION

☐ Notice of Intent

☒ Subsequent Report

☐ Final Abandonment Notice

TYPE OF ACTION

☐ Acidize

☐ Alter Casing

☐ Casing Repair

☐ Change Plans

☐ Convert to Injection

☐ Deepen

☐ Fracture Treat

☐ New Construction

☐ Plug and Abandon

☐ Plug Back

☐ Production (Start/Resume)

☐ Reclamation

☐ Recomplete

☐ Temporarily Abandon

☐ Water Disposal

☐ Water Shut-Off

☐ Well Integrity

☒ Other Add Pay In

Delaware

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 recompleat 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 recompleat 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 final site is ready for final inspection.)

1/23/08 MIRU PU. POOH w/rods & tbq.

1/24/08 RU WL. RIH w/Easy Drlg 5-1/2" composite plug & WL. Correlate depth w/log. Set plug @ 8,155'. POOH w/WL. RU pmp trk. L & T TAC w/198 bbls of 2% KCL to 500 psig for 30 min. RIH w/3-1/8" csg guns. Correlated depth w/log. Perf'd Delaware fr 7,570' to 7,598' w/2 SPF (28', 56 holes) POOH w/csg guns & RD WL. RU tbq tstr. PU & RIH w/ 5-1/2" RTTS trtg pkr & 134 jts of 2-7/8", 6.5#, J-55.EUE. 8rd, tbq tstg tp 5,500 psig below slip. RD tbq tstr trk.

1/25/08 RU tbq tstr. RIH w/tbg. Tstd tbq to 5,500 psig below slip. RD tbq tst. Set packer @ 7,480'. L & T TCA w/1 bb; of 2% KCL to 500 psig. RU acid trk. Tstd lines 6,000 psig. Est IR @ 4.0 BPM, w/2bbls of 2% KCL, 2500 psig. Acidized Delaware fr 7,570' to 7,598' w/1,000 gals of 7-1/2%90/10 HCL acid while dropping 75-1.3 SGBS in last 252 gals of acid @ a rate of 5 BS ever 1 bbls. Flushed w/43 bbls of 2% KCL. AIR - 5.0 BPM. Min/Max press - 1,465 psig/2,550 psig. Min/Max - 4.0 BPM/5.6 BPM, ISIP - 651 psig. 5# - 558 psig. 10"-558 psig. 15"-535 psig. RD acid trk.

See Attached

14 I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

Sherry Pack

Title

Regulatory Analyst

Date

02/27/2008

ACCEPTED FOR RECORD

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Chris Williams

OC DISTRICT SUPERVISOR/GENERAL MANAGER

Title

Office

MAR 23 2008

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.

**BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE**

Title 18 U.S.C. Section 1001, and Title 43 U.S.C. Section 1212, makes 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



SDE 31 FEDERAL #4
API 30-025-32716

1/26/08 Tbg 190 psig. RU swab. BFL surface. EFL 6,900'. Made 11 swab runs in 8 hrs. Rec 55 bbls of wtr. RD swab. SWI & SDWE.

1/29/08 Tbg 20 psig. RU swab. BFL 4,500'. EFL 6,900'. Made 9 swab runs in 8 hrs. Rec 17 bbls of wtr & 1% oil cut. RD swab. SWI & SDON.

1/30/08 Tbg 10 psig. RU swab. BFL 6,600'. EFL 6,900'. Made 5 swab runs in 8 hrs. Rec 5 bbls of wtr & 1% oil cut. RD swab. SWI & SDON.

1/31/08 Tbg 6 psig. RU swab. BFL 6,500'. EFL 6,900'. Made 2 swab runs in 2 hrs. Rec 3 bbls of wtr & 1% oil cut. RD-swab. Rel pkr. POOH w/tbg. LD pkr. ND BOP. NU Frac vlve. SWI & SDON

2/01/08 RU BJ frac crew & Protechnic Tracer Services to tag frac w/radioactive tracer . Tested lines to 4,868#. Frac Middle Brushy Canyon perfs (7,570' - 7,598') down 5-1/2" csg w/41,795 gals Medallion 3500 containing 70,040# (1-5 ppg) 20/40 white sd & 15,480# (5 ppg) 20/40 Super LC. Flushed short of top perf w/7,292 gals of 10% Linear Gel. Max/Min press - 1,350/600 psig. AIR - 41.2 BPM. AIP - 895 psig. ISIP - 726 psig. 5" - 504 psig. 10" - 469 psig. 15" - 443 psig. RD BJ & Protechnics. SWI & SDON.

2/02/08 SICP-"0" ND frac valve. NU BOP. RU WL. RIH w/ Halliburton Easy Drlg 5-1/2" composite plug & WL. Correlated depth w/Schlumberger log. Set plug @ 7,490'. POOH w/WL. L&T TCA w/35 bbls of 2% KCL to 500 psig for 30 min w/no loss. RIH w/3-1/8" csg guns. Correlated depth w/Schlumberger log.
Perfd Delaware fr 7,110'-7,120'(20 holes), 7,126'-7,120'(16 holes), w/2 SPF (18', 36 holes) POOH w/csg guns & RD WL equipment. RU tbg tstr. PU & RIH w/5-1/2" RTTS trtg pkr & 219 jts of 2-7/8" 6.5#, J-55, EUE, 8rd, tbg, tstg tbg to 5,500 psig below slip. RD tbg tstr trk. Set pkr @ 7,026'. L&T TCA w/.1 bbl of 2% KCL to 500 psig. SWI & SDWE.

2/05/08 RU acid trk. Tstd lines 6,000 psig. Est IR @ 5.0 BPM, w/14 bbls of 2% KCL, 2,100 psig. Acidized Delaware fr 7,110' to 7,134' w/750 gals of 7-1/2% 90/10 HCL acid while dropping 50 - 1.3 SGBS in last 562 gals of acid @ a rate of 5 BS ever 1.6 bbls. . Flushed w/43 bbls of 2% KCL. AIR - 5.2 BPM. Min/Max press - 1,381 psig / 3,047 psig. Min/Max - 1.8 BPM/ 5.3 BPM. ISIP - 0 psig. RD acid trk. Waited 4 hrs to open well. Tbg 0 psig. RU swab. BFL 1,600'. EFL 7,000'. (SN @ 7,026'). Made 9 swab runs in 4 hrs. Rec 47 bbls of wtr. RD swab. SWI & SDON.

2/06/08 Tbg 12 psig. RU swab. BFL 4,000'. EFL 7,000'. Made 7 swab runs in 8 hrs. Rec 37 bbls of wtr & 1% oil cut. RD swab. SWI & SDON.

2/07/08 Tbg 10 psig. RU swab. BFL 4,000'. EFL 6,700'. Made 4 swab runs in 3 hrs. Rec 28 bbls of wtr & 1% oil cut. RD swab. Rel pkr. POOH w/tbg. LD pkr. ND BOP. NU Frac vlve. SWI & SDON.



SDE 31 FEDERAL #4
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- 2/08/08 RU BJ frac crew & Protechnic Tracer Services to tag frac w/radioactive tracer . Tested lines to 4,500#. Frac Upper Brushy Canyon perfs (7,110' - 7,134') dwn 5-1/2" csg w/24,250 gals 32,000# 20/40 white sd & 8,000# 20/40 Super LC. Flushed short of top perf w/6,871 gals of 30# Linear Gel. Max/Min press – 444/1,154 psig. AIR – 30.0 BPM. AIP - 799 psig. ISIP - 202 psig. 5" - 20 psig. 10" - 19 psig. 15" - 20 psig. RD BJ & Protechnics. SWI & SDON.
- 2/09/08 RIH w/4-3/4" bit, 6 - 3-1/2" DC's & 228 jts of 2-7/8" WS tbg. Tag sd @ 7,459'. RU Weatherford foam unit. Attempted to circ well. SWI & SDWE.
- 2/12/08 SICP-300 psig, SITP-800 psig, BWDTT. RU foam unit & swivel. Tag sd @ 7,459'. Brk circ & CO sd fr 7,459' to 7,475'. DO composite plug fr 7,475' to 7,479' & fell free. RIH & tag @ 8,123'. Brk circ & CO sd fr 8,123' to 8,150'. DO composite plug fr 8,150' to 8,154' & fell free. RIH & tag @ 9,068'. Brk circ & CO fr 9,068' to 9,143'. (PBSD 9,143', Btm perf 9,010'). Circ TCA clean. PUH w/tbg. SWI & SDON.
- 2/13/08 SICP-500 psig, SITP-200 psig, BWDTT. POOH LD w/2-7/8" WS, DC's & bit. RU WL. RIH w/memory tracer tool & WL. Ran tracer tool fr 8,000' to 6,650'. POOH w/WL & tool. RD SS trk. SWI & SDON.
- 2/14/08 SICP-200 psig, BWDTT. Pmpd 70 bbls of 10# brine dwn TCA. RIH w/prod equip. ND BOP. Set TAC. NU WH. RIH w/pmp. L & T w/16 bbls of 10# brine to 500 psig. Well pmp up to 500 psig in 5 strks. RDMO PU. RWTP.
- 2/16/08 Pre WO test: 16 BO, 17 BW & 111 MCF. Post WO well test: 19 BO, 160 BW & 5 MCF. SPM - 6.5, SL - 124" w/1.75" pmp.

WELL DATA SHEET

LEASE: <u>SDE 31 Federal</u>	WELL: <u>4</u>	DATE: <u>9-May-05</u>
LOC: <u>1980' FNL & 1980' FWL</u>	CNTY: <u>Lea</u>	GL: <u>3574</u>
SEC/TS/R: <u>Section 31, T23S, R32E</u>	ST: <u>N.M.</u>	KB: <u>11</u>
		DF: <u></u>
		STATUS: <u>Well active</u>
		API NO: <u>30-025-32716</u>

Completion Data

14 3/4" Hole to 950'

11-3/4", 42#, WC-40 STC at 950'
w/ 500 sx CI C, Circ. 84 sx

11" Hole to 4505'

8-5/8", 24# & 32# CF-55 & K-55 at 4505'
w/ 1150 sx. CI H Circ 166 sx

Perforation History

Upper Brushy Canyon

Lower Brushy Canyon

8208-8218 Open, 1 SPF
8250-8262 Open, 1 SPF
8326-8332 Open, 1 SPF,

Bone Spring

8560-8614 Open, 2 SPF 90 Deg
8846-8853 Open, 2 SPF 90 Deg
8866-8872 Open, 2 SPF 90 Deg
8880-8884 Open, 2 SPF 90 Deg
8887-8895 Open, 2 SPF 90 Deg
8986-9010 Open, 2 SPF 90 Deg

7 7/8" hole to 9194'

5 1/2", 15 5# & 17# K-55 & 17# L-80
w/ DV at 6317'
w/ 750 sx CL H 1st & 971 Poz & CL H
TOC 1250' Temp Survey

Drilled in Jan 1995

Initial Completion - Jan 95

Perf Lower Bone Spring Sand Interval 8846-53', 8866-72', 8880-84', 8887-95', 8986-9010', Acdz perms 8986-9010 w/ 3600 gal 15% HCL, 15 bpm @ 3200 psi, ISIP 1400 psi, 10 min 1138 psi, Acdz perms 8846-8895' w/ 3800 gal 15%, 15 bpm @ 3100 psi, ISIP 1500 psi, 10 min 1354 psi, Swab 4 hrs, rec 5 BO, 1 BW Frac Lower Bone Spring Interval w/ 49,000 gal 35# Borate containing 186,000# 20/40 Ottawa 40 bpm @ 2375 psi, ISIP 2460, 15 min 1643 psi Pumped 10 bo, 20 mcf in 24 hours
Set CIBP @ 8750',

Perf BSS from 8560-8614', Acdz w/ 5000 gal 15% NEFE & 160 BS. AIR 12 bpm @ 1250 psi, Frac BSS w/ 37,000 gal 35# Borate & 146,000# 20/40 Ottawa AIR 35 bpm @ 1500 psi, ISIP 1600 psi, 15 min 1368 psi

IP flowing 310 BO, 43 BLW, 122 MCF in 24 hours

4/98 Pumped 500 gal Toluene F/B 50 bbl lease crude

11/98 Pumped 250 gal Toluene F/B 51 bbl lease crude

12/98 Drill out CIBP @ 8750' CO to 9115'

12/98 Installed Plunger lift

7/99 Pump 500 gal Toluene

10/2004

Set CIBP @ 8500', Perf LBC (8208-8332), 28', 28 total holes, Acidize LBC perms down 3 1/2" WS w/ 4000 gal 7 1/2% HCL & 50 RCNBS, AIR 5 0 BPM & 750 psi, Frac LBC w/ 42,000 gal J533-40 ClearFrac containing 154000 # 20/40 Ottawa sand (1-8 ppa (6 & 8 ppa stages contain Propnet)), AIR 17 3 BPM @ 1640 psi, ISIP 220 psi,

Final report

62 BOPD, 276 BWPD & 40 MCFPD 11/23/04

Commingle LBC & BSS on 12/28/04

PBD: 9143
TD: 9194

