

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

OCD-HOBBS

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.

SUBMIT IN TRIPLICATE - Other instructions on reverse side

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)

432-620-6740

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

2180' FSL & 2310' FWL, Unit Ltr. K, Section 19, T-23S, R-32E

Lease Serial No

NM-18848

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.

SDE '19' Federal #4

9. API Well No.

30-025-32909

10. Field and Pool, or Exploratory Area  
Sand Dunes; Bone Springs,  
South

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

☐ 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 Reactivate

Bone Springs, 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. Bone Spring Interval (8630'-8652') was producing 4 bopd & 52 mcfpd. Set CIBP @ 8580' & dump 35' Cmt on top of plug. Perf Delaware from 5330'-40'. Non productive.

2. TIH w/cement retainer, set @ 5272'. Squeeze Delaware perfs w/75 sx CL C & add F/B 25 sx CL C neat, reversed out 69 sx to pit. Circulated w/130 bbl packer fluid, pressure tested csg & retainer to 520 psi for 30 min. Well was TA'd.

3. Drill up CICR @ 5272'. Circ clean, Test csg OK, TIH to 8479'. Circ clean.

4. (LBC Frac) Perf LBC (8270'-8358'), Acldz w/4000 gal 7 1/2% hcl & 75 RCNBS, AIR 5.2 BPM, balled out, swabbed interval, Rec trace of oil, Frac LBC down 3 1/2" WS w/4000 gal W54, 1000 gal 5% kcl spacer, 40,000 gal Clearfrac & 7200 gal WF130 containing 98,000# 20/40 Jordan & 24,000# 20/40 Super LC @ 24.6 bpm, ISIP 461 psi.

*Submit Request For Comingling Downhole*

Cont'd. on next page.

*Submit 3160-4 Well Completion*

*Must apply w/State for downhole comingling. See*

*DAC-HOB-0210*

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

Kristy Ward

Title

Regulatory Analyst

Date 05-15-07

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Office

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 '19' Federal #4**  
**Reactivate Bone Springs, Add Pay in Delaware**  
**Page 2 - Cont'd.**



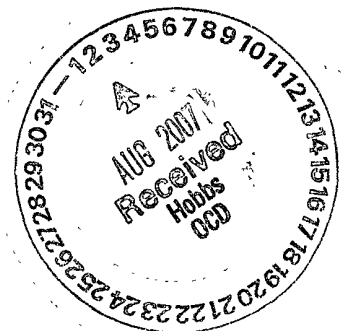
5. (Middle BC Frac)  
Perf MBC (7608-7862), Acdz w/ 5000 gal 7 1/2% HCL & 100 RCNBS, AIR 5.3 BPM, balled out, trace of oil on swab, Frac MBC w/ 5000 gal W54, 1000 gal 5% KCL spacer, 51000 gal Clearfrac & 7900 gal WF130 containing 144000# 20/40 Jordan & 30000# 20/40 Super LC @ 24.5 bpm ISIP 415 psi.
6. (1st UBC Frac)  
Perf UBC (7350-7507), Acdz w/ 3000 gal 7 1/2% HCL & 50 RCNBS, AIR 5.2 BPM, No ball out, Frac UBC w/ 4000 gal W54, 1000 gal 5% KCL spacer, 41000 gal Clearfrac & 6800 gal WF130 containing 11000# 20/40 Jordan & 24000# 20/40 Super LC @ 23.6 BPM, ISIP 60 psi.
7. (2nd UBC Frac)  
Perf UBC (7070-7275), Acdz w/ 3000 gal 7 1/2% HCL & 50 RCNBS, AIR 5 BPM & 950 psi, balled out, trace of oil cut on swab, Frac UBC w/ 4000 gal W54, 1000 gal 5% KCL spacer, 34000 gal Clearfrac & 6622 gal WF130 containing 90000 20/40 Jordan & 24000# 20/40 Super LC @ 18 BPM, ISIP 206.
8. DO all plugs (including CIBP @ 8580').
9. Prod tbg detail (9/21/06) TOP to BOTTOM  
221 jts 2 7/8" 6.5# J-55 EUE tbg, TAC, 54 jts tbg, SN, 1 tbg sub, desander, 2 jts tbg, dump valve, TAC @ 6995', SN @ 8705', EOT @ 8795'.  
Rod & Pump Detail (9/22/06) TOP to BOTTOM  
1 1/2" X 26' PR, 2 7/8" ponies (2', 2', 4', 6' & 8'), 111-1" N-97, 134 7/8" N-97, 88 3/4" N-97, 12- 1 1/2" sinker bars, 2.5" X 1.5" X 24' pump w/ 3' plunger.
10. POP 9/22/06  
Tests were 0 bo, 476 bw, 9 mcf on rod pump.
11. 12/7/06 - POH w/rod pump, Set RBP @ 7953'. Pump 10 drums T-175 & 5 gal RN-211 mixed w/ 117 bbls prod water. Flush w/ 130 bbl prod water. RIH w/ TD1200 rental sub & set @ 7002'.
12. Tests are 0 bo, +/- 1500 bwpd, 0-2 mcfpd with 600'-1200' FAP.
13. 1/07 - Lay down sub pump, pull RBP @ 7953', Set Comp BP @ 7950', Set Comp BP @ 7550', Set CICR @ 6936', Perfs @ 5330-40 broke down, EIR 2 BPM @ 400 psi, Set RBP @ 5512', Squeeze perfs (5330-40) w/ 90 sx CL C + adds, DO

**SDE '19' Federal #4**  
**Reactivate Bone Springs, Add Pay in Delaware**  
**Page 3 - Cont'd.**

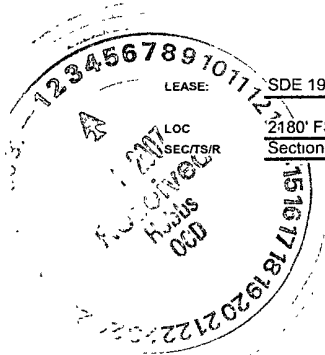
14. cmt, test squeeze to 800 psi, held OK, Pull RBP, Sting into CICR, EIR 5 BPM @ 500 psig, Squeeze perfs (7070-7507) w/ 100 sx CL C + adds F/B 150 sx CL C + 2% CaCl, Obtained squeeze to 1630 psi, DO CICR & cmt to 7525', Test squeeze to 500 psi, Held OK, DO Comp BP to 7906', Set CICR @ 7544', Squeeze perfs (7608-7862) w/ 100 sx CL C + adds F/B 150 sx CL C + 2% CaCL, Obtained squeeze @ 962 psi, DO cmt & CICR to 7875', Test squeeze to 500 psi, Held OK, DO Comp BP @ 7950' & CO hole to 8917'.
15. RIH w/ Prod Equipment.
16. RIH w/ 2 7/8" 6.5# J-55 prod tbg to 8804' w/ SN @ 8714', TAC @ 8174'.
17. RIH w/ 1 1/4" X 1' nipple, 2.5" X 2.00" X 24' X 4' RXDC pump, 12- 1 1/2" K-bars, 88- 3/4" N-97 rods, 132- 7/8" N-97 rods, 113 - 1" N-97 rods, 3 - 1" rod subs (8',6',4') & 1 1/2" PR.
18. RWTP on 2/8/07.
19. Test on Rod Pump.  
15 bopd, 498 bwpd, 25 mcfd w/ FL : 2398' FAP.
20. RU on 3/13/07 -  
RIH w/ TD850 test sub, Intake @ 8205'.
21. RD PU. RWTP. Well tested 13 bopd, 481 bwpd, 52 mcfd

Based on the latest test of 15 bopd, 375 bwpd, & 52mcfd, the breakdowns are as follows:

|                                     |                              |
|-------------------------------------|------------------------------|
| Delaware Interval (Brushy Canyon) – | 80% oil, 95% water, 20% gas  |
| Bone Spring Interval                | - 20% oil, 5% water, 80% gas |



# UPDATED WELLBORE DIAGRAM



LEASE: SDE 19 Federal

WELL: 4

DATE: March 29 2007

Loc 2180' FSL & 2310' FWL  
SEC/TS/R Section 19, T23S, R32E

CNTY: Lea  
ST: N.M

GL 3614  
KB 3628  
DF 3627

STATUS: Active  
API NO 30-025-32909

14 3/4" Hole to 570'

11-3/4", 42#, WC-40 STC at 570'  
w/ 400 sx Cl C, Circ 98 sx

11" Hole to 4475'

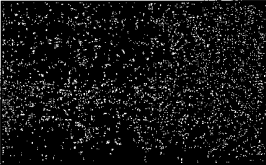
8-5/8", 32# WC-50, 24# K-55 & 32# K-55 at 44  
w/ 1230 sx. 35/65 Poz H  
FB 150 sx Cl H, Circ 200 sx to surface

## Perforation History

Upper Brushy Canyon (Isolated with cmt Rtnr in 2001)  
5330-40, 4 SPF, 120 deg, squeezed in 01& 07

## Brushy Canyon

7070-7076, 1 spf, 6 holes, squeezed in 07  
7084-7090, 1 spf, 6 holes, squeezed in 07  
7208-7214, 1 spf, 6 holes, squeezed in 07  
7268-7275, 1 spf, 7 holes, squeezed in 07  
7350-7370, 1 spf, 20 holes, squeezed in 07  
7440-7451, 1 spf, 11 holes, squeezed in 07  
7496-7507, 1 spf, 11 holes, squeezed in 07  
7608-7620, 1 spf, 12 holes, squeezed in 07  
7714-7722, 1 spf, 8 holes, squeezed in 07  
7820-7862, 1 spf, 42 holes, squeezed in 07



squeezed in 2007  
Producing

7 7/8" hole to 9850'

Ran 55 jt 5 1/2" 17# L-80  
38 jts 5 1/2" 17# K-55  
& 169 jts 5 1/2" K-55  
Cmt'd w/ 670 sx 35/65 Poz H  
F/B 670 sx 50/50 Poz H  
TOC @ 1600 by CBL

Last Updated  
2/9/2007 Richard Lauderdale

printed 5/10/2007

PBD: 8917  
TD: 9850

## Completion Data

Drilled in June 1995

Initial Completion - July 1995

Perf Bone Spring Sand Interval from 8630-8652, Acdz w/ 3000 gal 15 % HCL, Frac w/ 35,000 gal 35# borate & 161,000 # 20/40 Ottawa (2-10 ppg) @ 15 bpm down 2 7/8" tbg Screened out on 10 ppa stage AIR 15 bpm @ 4100 psi, ISIP 2687, 15 min 1621 psi Flwd 24 hrs, 204 BO, 19 BLW, 288 MCF 200 psi FTP (7/95)

Subsequent Completions

8/01

Bone Spring interval (8630-8652) was producing 4 bopd & 52 mcfpd  
SET CIBP @ 8580' & dump 35' Cmt on top of plug, Perf Delaware from 5330-40 NON PRODUCTIVE but no records of actual test

11/01

TIH w/ Cement Retainer, Set @ 5272', Squeeze Delaware perfs w/ 75 sx CL C + add F/B 25 sx Cl C neat, reversed out 69 sx to pit  
Circulated w/ 130 bbl packer fluid, pressure tested csg & retainer to 520 psi for 30 min Well was TA'd

4/06 - Drill up CICR @ 5272', Circ clean, Test csg OK, TIH to 8479', Circ clean,

(LBC Frac)

Perf LBC (8270-8358), Acdz w/ 4000 gal 7 1/2% HCL & 75 RCNBS, AIR 5 2 BPM, balled out, Swabbed interval, Rec trace of oil, Frac LBC down 3 1/2" WS w/ 4000 gal W54, 1000 gal 5% KCL spacer, 40000 gal Clearfrac & 7200 gal WF130 containing 98000# 20/40 Jordan & 24,000# 20/40 Super LC @ 24 6 bpm, ISIP 461 psi

(Middle BC Frac)

Perf MBC (7808-7862), Acdz w/ 5000 gal 7 1/2% HCL & 100 RCNBS, AIR 5 3 BPM, balled out, trace of oil on swab, Frac MBC w/ 5000 gal W54, 1000 gal 5% KCL spacer, 51000 gal Clearfrac & 7900 gal WF130 containing 144000# 20/40 Jordan & 30000# 20/40 Super LC @ 24 5 bpm ISIP 415 psi

(1st UBC Frac)

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(2nd UBC Frac)

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DO all plugs (including CIBP @ 8580')

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RWTP on 2/8/07

Test on Rod Pump

15 bopd, 498 bwppd, 25 mcfpd w/ FL 2398' FAP

RU on 3/13/07 -

RIH w/ TD850 test sub, Intake @ 8205'

Lease Name: SDE 19 FEDERAL  
County, State: LEA, NM  
Operator: XTO ENERGY INCORPORATED  
Field: SAND DUNES SOUTH  
Reservoir: BONE SPRING  
Location: 19 23S 32E

### SDE 19 FEDERAL 4 BONE SPRING PRODUCTION

