

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0137
Expires July 31, 2010

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 page 2

RECEIVED

5. Lease Serial No

NMSF-078214

6. If Indian, Allottee or Tribe Name

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

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

NOV 18 2009

2. Name of Operator

XTO ENERGY INC.

Bureau of Land Management
Farmington Field Office

3a. Address

382 CR 3100 AZTEC, NM 87410

3b. Phone No. (include area code)

505-333-3100

8. Well Name and No.

ARNIE #1

9. API Well No.

30-045-29667

10. Field and Pool, or Exploratory Area

BASIN FRUITLAND COAL

FULCHER KUTZ PICTURED CLIFFS

11. County or Parish, State

SAN JUAN

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

- | | | | |
|---|--|--|--|
| <input type="checkbox"/> Acidize | <input type="checkbox"/> Deepen | <input type="checkbox"/> Production (Start/Resume) | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Alter Casing | <input checked="" type="checkbox"/> Fracture Treat | <input type="checkbox"/> Reclamation | <input type="checkbox"/> Well Integrity |
| <input type="checkbox"/> Casing Repair | <input type="checkbox"/> New Construction | <input type="checkbox"/> Recomplete | <input checked="" type="checkbox"/> Other REFRAC & OAP |
| <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 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.)

XTO Energy Inc., intends to refrac and open additional pay in the Basin Fruitland Coal zone of this well per the attached procedure.

RCVD NOV 20 '09

OIL CONS. DIV.

DIST. 3

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

TEENA M. WHITING

Title REGULATORY COMPLIANCE TECHNICIAN

Signature

Teena M. Whiting

Date 11/17/2009

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Original Signed: Stephen Mason

Title

Date

NOV 19 2009

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, 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.

MMOCD

CLJ _____
TWD _____
Approved _____

Arnie #1
Sec 30B, T30N, R13W
San Juan Co., NM

Refrac & OAP: Fruitland Coal

AFE #/Acct #: 906427 / 67903
Prod Csg: 4-1/2", 10.5#, J-55 csg @ 1,601'
PBTD: 1,556'
Perfs: **FC:** 1,368'- 84' @ 4 JSPF (ttl 64 - 0.34" perfs)
PC: 1,427'- 37' @ 4 JSPF (ttl 40 - 0.34" perfs)
Tbg : 2-3/8" x 1-3/4" x 10' THEC pmp, 2-3/8" x 4' tbg sub, & 45 jts tbg. EOT @ 1,482'.
Rods: 1-3/4" plgr, 1-1/4" sb, 21K shear tl, 2 - 1-1/4" sbs, 16 - 3/4" guided rods, 39 - 3/4" rods, 8' rod sub, & PR.
Prod. Method: Rod pump

Fruitland Coal Refrac & OAP Procedure

1. MI & set 8 - 400 bbl frac tanks & 1 flowback tank. Fill frac tanks w/FC produced wtr. Note: Have Halliburton run preliminary fluid quality tests & add biocide.
2. MI 3 jts 2-3/8", 4.7#, J-55, EUE tbg.
3. Test anchors. MIRU PU. POH & LD rods & pmp. ND WH. NU BOP. Tag fill. TOH & visually inspect 2-3/8" tubing.
4. RIH w/CIBP. Set CIBP @ 1,420'.
5. RIH w/RBP. Set RBP @ 1,350'. PT csg to 3,000 psig for 5 min.
6. Rls RBP. POH w/RBP.
7. ND BOP. NU Frac vlv.
8. MIRU Halliburton Acid & Frac equip.

9. ReFrac FC perfs fr/1,368' - 84' down 4-1/2" csg at 25 BPM w/42,000 gals Delta 140 20# XL frac fluid carrying 84,000# 20/40 sd coated with sandwedge WF & NT. Max TP is 3,000 psig. Flush w/895 gals linear gel.

Fruitland Coal Schedule					
Stage	BPM	Fluid	Gal	Prop	Cum. Prop
Pad	0-25	Water	5,000		
Pad	25	Delta 140	4,000		
0.5	25	Delta 140	4,000	2,000# 20/40	2,000#
1	25	Delta 140	9,000	9,000# 20/40	11,000#
2	25	Delta 140	9,000	18,000# 20/40	29,000#
3	25	Delta 140	9,000	27,000# 20/40	56,000#
4	25	Delta 140	7,000	28,000# 20/40	84,000#
Flush	25	Linear Gel	895		
TOTAL	42,000 Gal		8 4,000# 20/40		

Record ISIP, 5", 10", & 15" SIP's.

10. RIH & Set CBP @ 1,330'.

11. MIRU WL. Perf Fruitland Coal w/3-1/8" csg gun w/Owen HSC-3125-369 charges (15 gm, 0.48" EHD, 11.20" pene) or equiv performance charges @ 3 JSPF 120° phasing. Depths based on GR/CCL/CBL log dated June 7, 1999.

Fruitland Coal Perfs	
1,297-1,303'	18
1,273-75'	6
1,141-44'	9
1,105-07'	6

Ttl = 39

12. BD & EIR into perfs w/wtr. Acidize FC perfs fr/1,105' - 1,303' w/1,000 gals. 15% NEFE HCl acid & 60 - 7/8" 1.1 SG RCN BS down 4-1/2" csg. Flush w/1,500 gals of FW. Record ISIP, 5", 10", 15" & SIP. Max TP is 3,000 psig.
13. RIH w/JB to CBP @ 1,330'. POH. RDMO WL trks.

14. Frac FC perfs fr/1,105' – 1,303' down 4-1/2" csg at 40 BPM w/42,000 gals Delta 140 20# XL frac fluid carrying 77,000# 20/40 sd coated with sandwedge WF & NT. Max TP is 3,000 psig. Flush w/698 gals linear gel.

Fruitland Coal Schedule					
Stage	BPM	Fluid	Gal	Prop	Cum. Prop
Pad	0-25	Water	4,000		
Pad	25-40	Delta 140	3,000		
0.5	40	Delta 140	1,000	500# 20/40	500#
Pad	40	Delta 140	2,000		500#
0.5	40	Delta 140	1,000	500# 20/40	1,000#
1	40	Delta 140	1,000	1,000# 20/40	2,000#
Pad	40	Delta 140	2,000		2,000#
1	40	Delta 140	9,000	9,000# 20/40	11,000#
2	40	Delta 140	9,000	18,000# 20/40	29,000#
3	40	Delta 140	8,000	24,000# 20/40	53,000#
4	40	Delta 140	6,000	24,000# 20/40	77,000#
Flush	40	Linear Gel	698		
TOTAL	42,000 Gal		77,000# 20/40		

Record ISIP, 5", 10", & 15" SIP's. SWI.

15. ND frac vlv. NU BOP.
16. TIH w/3-7/8" bit & 2-3/8", J-55 tbg.
17. MIRU AFU. DO CBP @ 1,330'.
18. CO fill to CIBP @ 1,420'. Circ & CO until sd cleans up. Tg for fill & CO as necessary. TOH & LD bit.
19. TIH w/2-3/8" x 20' OEMA, SN, 43 jts 2-3/8", 4.7#, J-55, EUE 8rd tbg. EOT @ 1,410', SN @ 1,390'. ND BOP. NU WH.
20. TIH w/2" x 1-1/2" x 12' RWAC w/1' x 1" stnr nip, 1-1/4" sb, shear tl (21K), 2 - 1-1/4" sbs, 16 - 3/4" rods w/4molded guides, 37 - 3/4" rods, & 1-1/4" x 16' PR w/8' lnr.
21. PT tbg to 500 psig. LS pmp to chk PA.
22. HWO & RDMO PU.
23. RWTP. Report daily gas & water volumes. Shoot FL after well stabilizes.

Regulatory Requirements

NOI

Completions Report

Services & Equipment List

8 - 400 bbl frac tank filled with fresh or FC produced water.

1 - flowback tank.

Frac vlv

Halliburton frac & acid equip