

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

RECEIVED

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

AUG 18 2009

SUBMIT IN TRIPLICATE - Other instructions on page 2

Bureau of Land Management  
Farmington Field Office

1 Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5 Lease Serial No NMSE-080238A
2 Name of Operator XTO ENERGY INC.		6 If Indian, Allottee or Tribe Name
3a Address 382 CR 3100 AZTEC, NM 87410	3b Phone No (include area code) 505-333-3100	7 If Unit or CA/Agreement, Name and/or No
4 Location of Well (Footage, Sec., T., R., M., or Survey Description) 1000' FNL & 1980' FWL NENW SEC. 12 (C) - T26N-R13W N.M.P.M.		8 Well Name and No. 26 GALLEGOS FEDERAL 23 13 12 1S
		9 API Well No 30-045-31657
		10 Field and Pool, or Exploratory Area BASIN FRUITLAND COAL
		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	TYPE OF ACTION			
<input checked="" 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 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 type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other OAP
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	REFRAC
	<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 recompletion 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., proposes to open additional pay and frac the Fruitland Coal formation per the attached procedure.

RCVD AUG 21 '09  
OIL CONS. DIV.  
DIST. 3

(Fruitland formation 846-1215')

14 I hereby certify that the foregoing is true and correct Name (Printed/Typed) BARBARA J CONDER	Title REGULATORY CLERK
Signature Barbara J Conder	Date 08/17/09

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by Original Signed: Stephen Mason	Title	Date AUG 20 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.

**GALLEGOS FEDERAL 26-13-12 #1S**  
**OAP: FRUITLAND COAL**  
**REFRAC: FRUITLAND COAL**  
**SEC 12, T26N, R13W**  
**SAN JUAN CO., NM**

**AFE #/ACCT #:** 903872 / 67998

**PROD CSG:** 4-1/2", 10.5#, J-55 CSG @ 1,382'.

CAPACITY: 0.0159 BPF OR 0.6699 GPF

**PBTD:** 1,320'

**PERFS:** LWR FC: 1,179'-1,197' (3 JSPF, 0.36" DIA, TTL 54 HOLES)

**TBG :** 36 JTS 2-3/8", 4.7#, J-55, EUE TBG. SN @ 1,205'. EOT @ 1,238'.

**RODS:** 3-1-1/4" SINKER BARS, 44-3/4" PLAIN RODS

**PROCEDURE:**

1. MI & set 2 – 400 bbl frac tanks & 1 flowback tank. Fill frac tanks w/FC produced wtr.  
Note: Have frac company run preliminary fluid quality tests and add biocide.
2. Test anchors. MIRU PU. POH and LD rods and pmp. ND WH. NU BOP. Tag fill. TOH & visually inspect 2-3/8" tbg. Set RBP over FC (set @1,140') & PT csg to 3,850 psig. Release plug. TOH w/ plug & tbg.
3. ND BOP. NU Frac vlv. RDMO PU.
4. MIRU frac equip. EIR w/ FC produced wtr. Spearhead 750 gals 15% HCl. Flush acid 1 bbl past btm perf w/ 879 gal FW. Frac FC perfs fr/1,179'-1,197' down csg w/19,500 gals 70Q, N2 foamed, 9cp Delta 140 XL (12# Borate gel), frac fluid carrying 40,000# 20/40 BASF sd coated with sandwedge. Flush w/ 745 gals linear gel (1 bbl short of top perf). Est TP 1,300 psig. Pmp frac @ 40 BPM. MaxTP @ 3,850 psig. Frac schedule:

Fruitland Coal Schedule						
Stage	BPM	Fluid	Foam Vol	Clean Volume	Prop	Cum. Prop
water	5	water	500	500 gal	-	-
acid	5	15% HCl	750	750 gal	-	-
flush	12	water	879	879 gal	-	-
pre-pad	40	70Q XL Foam	500	150 gal	-	-
pad	40	70Q XL Foam	1,950	585 gal	-	-
1 ppg	40	70Q XL Foam	6,000	1,800 gal	6,000# 20/40	6,000# 20/40 BASF
2 ppg	40	70Q XL Foam	4,000	1,200 gal	8,000# 20/40	14,000# 20/40 BASF
3 ppg	40	70Q XL Foam	4,000	1,200 gal	12,000# 20/40	26,000# 20/40 BASF
4 ppg	40	70Q XL Foam	3,500	1,050 gal	14,000# 20/40	40,000# 20/40 BASF
flush	40	70Q N2 Linear Gel	745	224 gal	-	-
<b>Total</b>		<b>19,500 Gal 9cp Delta 140</b>		<b>8,338 Gal</b>	<b>40,000# 20/40</b>	

Record ISIP & 5" SIP's.

5. MIRU WLU & mast TRK.
6. RIH w/CBP & set @ 1,140' (collars @ 1,119' & 1,166'). PT plug to 2,000 psig for 5 min.
7. RIH w/ perf gun & perf Fruitland Coal w/3-1/8" csg gun w/Titan charges (22.7 gm, 0.36" EHD, 35.63" pene) or equiv performance charges @ 3 JSPF 120° phasing.

Fruitland Coal Perfs	
1,046'-1,051'	16
1,098'-1,106'	25
1,121'-1,127'	19

Ttl = 60

8. MIRU acid equip. BD perfs. EIR w/2% KCl wtr. Max press 3,850 psig. Switch to acid. Acidize FC perfs fr/1,046'-1,127' w/1,000 gals 15% NEFE HCl acid (FE control, surf & CI additives) + 90 - 7/8" 1.1 SG RCN BS. Flush acid 1 bbl past btm perf w/19 bbls FW. Pump flush @  $\pm 12$  BPM. Record ISIP, 5". Surge off balls.
9. RIH w/JB to CBP @ 1,140'. POH. RDMO WL & mast trk.
10. MIRU frac equip. Frac FC perfs fr/1,046'-1,127' down 4-1/2" csg w/26,806 gals 70Q, N2 foamed, 9cp Delta 140 XL (12# Borate gel), frac fluid carrying 50,000# 20/40 BASF sd coated with sandwedge. Flush w/615 gals linear gel (2 bbls short of top perf). Est TP 1,200 psig. Pmp frac @ 40 BPM. Max TP @ 3,850 psig. Frac schedule:

Fruitland Coal Schedule						
Stage	BPM	Fluid	Foam Volume	Clean Volume	Prop	Cum. Prop
Water	5	Water	500	500 gal	-	-
Acid	5	15% HCl Acid	1,000	1000 gal	-	-
Flush	12	Water	795	795 gal	-	-
Pre-pad	40	70Q XL Foam	500	150 gal	-	-
Pad	40	70Q XL Foam	2,681	804 gal	-	-
0.25 ppg	40	70Q XL Foam	2,000	600 gal	500# 20/40	500# 20/40 BASF
0.5 ppg	40	70Q XL Foam	1,000	300 gal	500# 20/40	1,000# 20/40 BASF
1 ppg	40	70Q XL Foam	7,000	2,100 gal	7,000# 20/40	8,000# 20/40 BASF
2 ppg	40	70Q XL Foam	4,750	1,425 gal	9,500# 20/40	17,500# 20/40 BASF
3 ppg	40	70Q XL Foam	5,000	1,500 gal	15,000# 20/40	32,500# 20/40 BASF
4 ppg	40	70Q XL Foam	4,375	1,313 gal	17,500# 20/40	50,000# 20/40 BASF
Flush	40	70Q N2 Linear Gel	615	185 gal	-	-
<b>TOTAL</b>		<b>26,806 Gal 9cp Delta 140</b>		<b>10,671 Gal</b>		<b>50,000# 20/40</b>

Record ISIP & 5" SIP's. SWI. RDMO frac equip.

11. MIRU PU. Remove frac vlv. NU BOP. RU AFU.
12. TIH with 3-7/8" bit & 2-3/8" work string. CO frac sd fill & DO CBP @ 1,140'. TIH & CO to PBD @ 1,320'.
13. TOH & LD bit.
14. TIH w/15' OEMA w/ 3/16" weep hole, SN & 2-3/8" tbg. SN @ 1,210' & EOT @ 1,240'. Swb well until frac sd cleans up. TIH & tag for fill. CO as necessary.
15. TIH w/ rod assembly as follows:
  - 2"x1-1/2"x10' RWAC-Z pump
  - 1"x1' Lift Sub
  - Spiral Rod Guide
  - RHBO tl
  - 3 1-1/4" Sinker Bars
  - 10 3/4" API D Molded Rods "T" couplings
  - 34 3/4" API D Rods
  - Pony Rods
  - 1-1/4"x16' PR w/ 8' PRL
16. Load tbg & start well pumping @ 3-1/2x54" SPM. RDMO PU.
17. RWTP. Report daily gas & water volumes.

#### **Regulatory Requirements**

Acquire approval of C-144 CLEZ.

Sundry

#### **Services & Equipment List**

2 - 400 bbl frac tank filled with fresh or FC produced water.

1 - flowback tank.

Frac vlv

4-1/2" CBP

4-1/2" RBP

3-7/8" bit

Halliburton frac & acid equip