

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED

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

## SUNDRY NOTICES AND REPORTS ON WELLS

SEP 23 2008

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

Bureau of Land Management  
Flagstaff Field Office

SUBMIT IN TRIPLICATE - Other instructions on page 2

1. Type of Well  
☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

XTO Energy Inc.

3a. Address

382 CR 3100 Aztec, NM 87410

3b. Phone No. (include area code)

505-333-3100

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

2310' FSL &amp; 990' FEL NESE Sec. 15 (I) - T26N-R7W N.M.P.M.

5. Lease Serial No

NMSE-079160-A

6. If Indian, Allottee or Tribe Name

Blank

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

8. Well Name and No.

JENKINS #3

9. API Well No

30-039-06474

10. Field and Pool, or Exploratory Area

S. BLANCO PICTURED CLIFFS

11. County or Parish, State

RIO ARRIBA

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 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 <u>FULL BODY</u> |
| <input type="checkbox"/> Change Plans         | <input type="checkbox"/> Plug and Abandon | <input type="checkbox"/> Temporarily Abandon       | <u>MAKE OVER</u>   |
| <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. proposes to do a FBMO to this well per the attached procedure.

A COMPLETE C-144 MUST BE SUBMITTED TO AND APPROVED BY THE NMOCD FOR: A PIT, CLOSED LOOP SYSTEM, BELOW GRADE TANK, OR PROPOSED ALTERNATIVE METHOD, PURSUANT TO NMOCD PART 19.15.17, PRIOR TO THE USE OR CONSTRUCTION OF THE ABOVE APPLICATIONS.

RCVD SEP 25 '08  
OIL CONS. DIV.

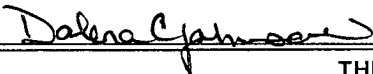
DIST. 3

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

DOLENA JOHNSON

Title REGULATORY CLERK

Signature



Date 09/22/2008

## THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Original Signed: Stephen Mason

Title

Date

SEP 23 2008

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

JENKINS #3  
SEC 15, T 26 N, R 07 W  
RIO ARRIBA COUNTY, NEW MEXICO

Formation: South Blanco Pictured Cliffs  
Surface csg: 10-3/4" csg @ 100'.  
Production csg: 5-1/2", 13# csg @ 2,245'. Did not circ cmt to surf.  
Openhole: 2,245'-2,313.  
Tbg: Unknown size & depth set..  
Current Status: F. 0 BO, 0 BW, 13 MCFPD

- 1) MIRU PU with pump, pit and 3-1/2" power swivel.
- 2) MI 3 – 400 bbl tanks, 75 jts 2-7/8" work string, 4 – 3-1/8" DC's, 2,400' – 4", 10.7#, J-55 flush joint casing, 75 joints 2-1/16", 3.25#, J-55, IJ, 10rd tubing, 94 - 3/4" grade "D" rods with slimhole couplings and adequate pony rods to space out pump.
- 3) Blow well down. ND WH. NU BOP. TOH with tubing and lay down.
- 4) TIH with 5-1/2" RBP and 2-7/8" tubing to 700'. Set RBP at 700'. TOH with 2-7/8" tubing. Pressure test casing and RBP to 300 psig for 5 minutes. Blow well down. ND WH.
- 5) Cut off 9-5/8" and 5-1/2" casing. Install new or reconditioned WH.
- 6) NU BOP. PU and TIH with 2-7/8" tubing. Release RBP. TOH with RBP and tubing. TIH with 4-3/4" bit, 4 – 3-1/8" DC's and 2-7/8" tubing. MIRU AFU. Clean out openhole to 2,313'. Drill new hole from 2,313' to 2,400'
- 7) **Notify BLM and NMOCD of cementing operations.**
- 8) Circulate hole with Baroid Ez Drill mud (liquid polymer). If circulation is lost or not attainable call Loren W Fothergill for revised cement program.
- 9) TOH and lay down 2-7/8" tubing, DC's and bit. TIH with 4", 10.7#, J-55 flush joint casing to 2,400' as follows:
  - A. Texas Pattern Guide Shoe
  - B. One (20') joint 4"
  - C. 4" Flapper float collar
  - D. 4", 10.7#, J-55 flush joint casing to surface.
- 10) RU the cementing head and circulate a minimum of two casing volumes. Circulate red dye to determine the volume of cement required. Cement casing to surface with ±50 Type V cement with 3% super-Sil and 2% CaCl<sub>2</sub> (11.5 #/gals, 2.81 cuft/sk). Tail in with 30 sx 50:50 Poz cement with 8% Bentonite, 1/4#/sx Super Flake and 10% Gypsum (12.5 #/gals, 1.87 cuft/sx). Displace cement with fresh water. Bump plug to 500 psig over final displacement pressure.  
**Do not over displace.**
- 11) Land the 4" flush joint mandrel in casing spool. RDMO PU.

- 12) ND BOP. NU WH. NU 5,000 psig WP frac valve.
- 13) MIRU WL. Run GR/CCL/CBL from PBTD to 500'. NOTE: If cement is circulated to surface, do not run CBL.
- 14) Pressure test casing to 2,000 psig for 30 minutes and then to 3,850 psig for 5 minutes.
- 15) Perforate PC 2" Go Winder DP from 2,250'-90' with 1 JSPF (40 holes, 0.27" diam, 25.05" pent).
- 16) MIRU frac equipment. BD PC perforations from 2,250' to 2,290' with 1,500 gals 15% HCl acid. Flush with 1,250 gals 2% KCl water (over displace acid by 3 bbls).
- 17) Frac the Pictured Cliffs from 2,250'-2,290' down 4" casing at 45 BPM with 66,000 gals 70Q, N<sub>2</sub> foamed, 17# linear gelled, 2% KCl water carrying 82,000# 16/30 Brady sand and 20,000# 16/30 Super LC RC sand. Do not exceed 3,850 psig. Flush with 963 gals 70Q, N<sub>2</sub> foamed, 17# linear gel (3 bbl under flush). Record ISIP and 5" SIP's.

**Pictured Cliffs Schedule**

Stage	BPM	Fluid	Vol Gals	Prop Conc	Prop
Pad	45	17# 70Q foam	7,800		
2	45	17# 70Q foam	9,000	1	9,000# 16/30 Brady
3	45	17# 70Q foam	9,000	2	18,000# 16/30 Brady
4	45	17# 70Q foam	9,000	3	27,000# 16/30 Brady
5	45	17# 70Q foam	7,000	4	28,000# 16/30 Brady
6	45	17# 70Q foam	5,000	4	20,000# 16/30 Brady w/RC sd
Flush	35	17# linear gel	977		

- 18) RDMO frac equipment. SWI for a minimum of 4 hours.
- 19) Flow back well thru a choke manifold to pit. Start with 8/64" ck. Increase choke size as appropriate.
- 20) TIH with hydrostatic bailer, SN and 2-3/8" tubing. CO to 2,380'.
- 21) TOH with bailer and tubing.
- 22) TIH with 30' x 2-1/16" OEMA with 3/16" weep hole, SN and 2-1/16" tubing. Tag PBTD. PU and land tubing at 2,350'.
- 23) TIH with 1-1/2" x 1-1/4" x 10' RWAC-Z-DV pump, RHBO tool, 1' lift sub, 3 – 1-1/4" sinker bars and 3/4" grade "D" rods to surface.
- 24) Space out pump. HWO.
- 25) Load tubing and check pump action.
- 26) RDMO PU.
- 27) MI and set C-50-89-54 ppg unit and a Daihatsu gas engine.

28) Start well ppg at 4 SPM and 42" SL.

29) Report rates and pressures to Loren Fothergill.

**REGULATORY REQUIREMENTS:**

1. BLM approval to deepen well, run casing and fracture stimulate well.

**SERVICES:**

1. Halliburton Frac.
2. Perforating company: None specified.
3. Stinger 5,000 psig WP frac valve.

**EQUIPMENT LIST:**

1. Csg: 2,400' - 4", 10.7#, J-55 flush joint casing
2. Tbg: 75 jts (2,400') 2-1/16", 3.25#, J-55, IJ, 10rd tbg.
3. C-50-89-54 unit with min ECB 4,365 lbs and a Daihatsu gas engine. Gearbox will require oil wipers. Set stroke length at 42".
4. Pump and Rods: 1-1/2" x 1-1/4" x 10' RWAC-Z-DV pump, RHBO tool, 1' lift sub, 3 – 1-1/4" sinker bars and 3/4" grade "D" rods to surface.