

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 06 2012

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

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)  
1650' FNL & 990' FEL SENE SEC.18 (H) -T24N-R05W

5. Lease Serial No

JIC 69

6 If Indian, Allottee or Tribe Name

JICARILLA APACHE

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

8. Well Name and No

APACHE FEDERAL #5

9. API Well No

30-039-05497

10 Field and Pool, or Exploratory Area  
BALLARD 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

- ☐ Acidize ☐ Deepen ☐ Production (Start/Resume) ☐ Water Shut-Off  
☐ Alter Casing ☐ Fracture Treat ☐ Reclamation ☐ Well Integrity  
☐ Casing Repair ☐ New Construction ☐ Recomplete ☐ Other  
☐ Change Plans ☒ Plug and Abandon ☐ Temporarily Abandon  
☐ Convert to Injection ☐ Plug Back ☐ 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 plug and abandon this well per the attached procedure. Please see also, the attached current and proposed wellbore diagrams for additional information.

RCVD SEP 12 '12  
OIL CONS. DIV.  
DIST. 3

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

KRISTEN D. LYNCH

Title REGULATORY ANALYST

Signature

Kristen D. Lynch

Date 9/4/2012

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Original Signed: Stephen Mason

Title

Date

SEP 07 2012

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.

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.

1A

## PLUG AND ABANDONMENT PROCEDURE

July 6, 2011

### Apache Federal #05

Ballard Pictured Cliffs

1650' FNL and 990' FWL, Section 18, T24N, R5W  
Rio Arriba County, New Mexico / API 30-039-05497

Lat: \_\_\_\_\_ / Lat: \_\_\_\_\_

**Note:** All cement volumes use 100% excess outside pipe and 50' excess inside. The stabilizing wellbore fluid will be 8.3 ppg, sufficient to balance all exposed formation pressures. All cement will be Class B, mixed at 15.6 ppg with a 1.18 cf/sx yield.

1. This project requires a NMOCD C-144 CLEZ Closed-Loop System Permit for the use of an A-Plus steel tank to handle waste fluids circulated from the well and cement wash up.
2. Install and test location rig anchors. Comply with all NMOCD, BLM, and Operator safety regulations. MOL and RU daylight pulling unit. Conduct safety meeting for all personnel on location. Record casing, tubing and bradenhead pressures. NU relief line and blow down well. Kill well with water as necessary and at least pump tubing capacity of water down the tubing. ND wellhead and NU BOP. Function test BOP.
3. Rods: Yes X , No \_\_\_\_\_, Unknown\_\_\_\_\_.  
Tubing: Yes X , No \_\_\_\_\_, Unknown\_\_\_\_\_, Size 2.375" , Length 2280'.  
Packer: Yes \_\_\_\_\_, No X , Unknown\_\_\_\_\_, Type \_\_\_\_\_.  
If this well has rods or a packer, then modify the work sequence in step #2 as appropriate.

**NOTE:** BLM requires a CBL log to be run on all wells where the cement did not circulate to surface or where a T.S. or CBL log was not previously run. This procedure is prepared with the understanding that it may be modified based on the TOC from the CBL.

4. **Plug #1 (Pictured Cliffs interval, Fruitland, Kirtland and Ojo Alamo tops, 2155' – 1615'):** PU and TIH with wireline set 4.5" cement retainer, set at 2155'. RIH with tubing and tag CR. Pressure test tubing to 1000 PSI. *Pressure test casing to 800 PSI. If casing does not test, then spot or tag subsequent plug as appropriate.* Mix and pump 46 sxs Class B cement above CR to isolate the Pictured Cliffs interval and cover through the Ojo Alamo top. PUH.
5. **Plug #2 (Nacimiento top, Surface Casing shoe, 349' to Surface):** Perforate 3 squeeze holes at 349'. Establish circulation out bradenhead with water and circulate the BH annulus clean. Mix approximately 145 sxs Class B cement and pump down the 4.5" casing to circulate good cement out bradenhead. Shut in well and WOC.
6. ND BOP and cut off casing below surface casing flange. Install P&A marker with cement to comply with regulations. RD, move off location, cut off anchors and restore location.

# Apache Federal #05

## Current

Ballard Pictured Cliffs

1650' FNL, 990' FWL, Section 18, T-24-N, R-5-W,

Rio Arriba County, NM / API #30-039-05497

Lat \_\_\_\_\_ / Long \_\_\_\_\_

Today's Date. 7/6/11

Spud: 5/11/56

Completed. 7/28/56

Elevation. 6534' GL  
6542' KB

12 25" hole

8 625" 24#, J-55 Casing set @ 171'  
Cement with 125 sxs (Circulated to Surface)

Nacimiento @ 299' \*est

TOC @ 1830' (Calc, 75%)

2 375" tubing at 2280'  
(74 joints, 4 70#, J-55, SN, rods and pump)

Ojo Alamo @ 1665'

Kirtland @ 1772'

Fruitland @ 1863'

Pictured Cliffs @ 2202'

Pictured Cliffs Perforations:  
2205' - 2230'

4.5", 9 5#, J-55 Casing set @ 2318'  
Cement with 125 sxs (148 cf)

7.875" hole

TD 2325'  
PBTD 2316'

# Apache Federal #05

## Proposed P&A

Ballard Pictured Cliffs

1650'FNL, 990' FWL, Section 18, T-24-N, R-5-W,

Rio Arriba County, NM / API #30-039-05497

Lat \_\_\_\_\_ / Long \_\_\_\_\_

Today's Date: 7/6/11

Spud: 5/11/56

Completed: 7/28/56

Elevation 6534' GL  
6542' KB

Nacimiento @ 299' \*est

Ojo Alamo @ 1665'

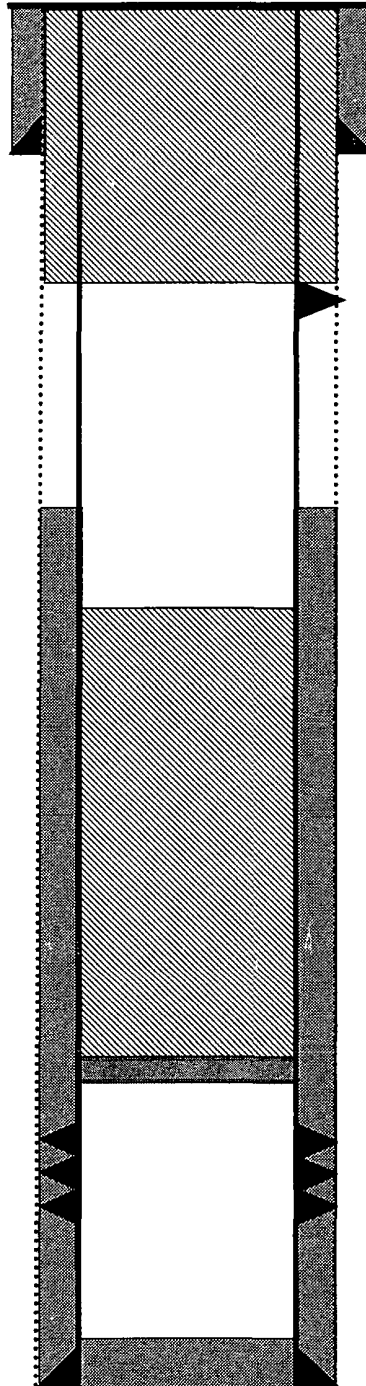
Kirtland @ 1772'

Fruitland @ 1863'

Pictured Cliffs @ 2202'

12 25" hole

7.875" hole



8 625" 24#, J-55 Casing set @ 171'  
Cement with 125 sxs (Circulated to Surface)

**Plug #2: 349' - 0'**  
Class B cement, 145 sxs

**Perforate @ 349'**

TOC @ 1830' (Calc, 75%)

**Plug #1: 2155' - 1615'**  
Class B cement, 45 sxs

**Set CR @ 2155'**

Pictured Cliffs Perforations:  
2205' - 2230'

4.5", 9.5#, J-55 Casing set @ 2318'  
Cement with 125 sxs (148 cf)

TD 2325'  
PBD 2316'