

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

AUG 25 2010

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

2. Name of Operator
XTO ENERGY INC.

Farmington Field Office
Bureau of Land Management

3a. Address
382 CR 3100 AZTEC, NM 87410

3b. Phone No. (include area code)
505-333-3176

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
1650' FNL & 1155' FWL SWNW SEC.35 (C) -T30N-R11W N.M.P.M.

5. Lease Serial No.

NMSF-080469

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.

FORREST #1

9. API Well No.

30-045-09024

10. Field and Pool, or Exploratory Area
AZTEC 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 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 type="checkbox"/> Other _____ |
| <input type="checkbox"/> Change Plans | <input checked="" 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 plug and abandon this well per the attached procedure.

Please also see the attached current and proposed wellbore diagrams.

**RCVD AUG 30 '10
OIL CONS. DIV.**

**Notify NMOCD 24 hrs
prior to beginning
operations**

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 **8/24/2010**

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Original Signed: Stephen Mason

Title

Date

AUG 27 2010

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.

NMOCD

PLUG AND ABANDONMENT PROCEDURE

August 20, 2010

Forrest #1

Aztec Pictured Cliffs

1650' FNL, 1155' FWL, Section 35, T30N, R11W, San Juan County, New Mexico

API 30-045-09024/ Lat: _____ N Long: _____ W

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 the Operator to obtain an approved 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 _____, No X, Unknown _____
Tubing: Yes _____, No X, Unknown _____, Size _____, Length _____
Packer: Yes _____, No X, Unknown _____, Type _____
If well has rods or a packer, then modify the work sequence in Step #2 as appropriate. Round trip gauge ring to 2168'.
4. **Plug #1 (Pictured Cliffs perforations and 7" casing shoe, 2215' – 2115')**: TIH and set a 2.875" wireline CIBP at 2215'. TIH with 1.25" tubing workstring and tag CIBP. Load casing with water and circulate well clean. Pressure test the 2.875" casing to 1000#. *If the casings do not test, then spot or tag subsequent plugs as appropriate.* Mix and spot 5 sxs Class B cement above CIBP to isolate the Pictured Cliffs perforations and to cover the 7" casing shoe. PUH to 2020" and reverse circulate the well clean. TOH with the 1.25" workstring.
5. ND the BOP and remove the casing slips. NU the BOP and stretch the 2.875" casing from 25,000# up to 40,000#. Calculate the 2.875" casing free point using the following equation:

$$L_p = \frac{\Delta L}{F} \times 4,530$$

Where: L_p = length of pipe being stretched (neglecting friction), ft

ΔL = stretch, in

F = pull force, thousands of pounds

6. Jet cut the 2.875" casing at the calculated casing free point or 2000'. Establish circulation to surface with water; then circulate the 7" casing annulus clean. Pull the 2.875" casing (now the work string) and tally while TOH.
7. **Plug #2 (Fruitland top: 2000' - ⁵⁶1894')**: TIH with the 2.875" workstring to 2000'. Pressure test the 7" casing to 500 PSI. *If the casing does not test, then spot or tag subsequent plugs as appropriate.* Mix ~~20~~ sxs Class B cement and spot a balanced plug inside the 7" casing to cover the 2.875" casing stub and the Fruitland top. TOH with the 2.875" workstring.
8. **Run a CBL** in the 7" casing to determine the annulus top of cement. Modify the following plugs as appropriate if necessary.
9. **Plug #3 (Kirtland top: ¹⁰¹⁹994' - ⁹¹⁹894')**: TIH with the 2.875" workstring. Mix 29 sxs Class B cement and spot a balanced plug inside 7" casing to cover the Kirtland top. TOH with the 2.875" workstring.
10. **Plug #4 (Ojo Alamo top: ⁸⁷⁹859' - ⁷⁷⁹759')**: Perforate 3 squeeze holes at ⁸⁷⁹859'. Attempt to establish rate into squeeze holes if the casing pressure tested. Set 7" cement retainer at ⁸⁷⁹859' on the 2.875" workstring. Establish rate into squeeze holes. Mix and pump 55 sxs Class B cement, squeeze 26 sxs outside casing and leave 29 sxs inside casing to cover the Ojo Alamo top. TOH and LD the 2.875" workstring.
11. **Plug #5 (Surface plug, 150' - Surface)**: Perforate 3 HSC holes at 150'. Mix and pump approximately 60 sxs cement down the 7" casing until good cement returns out the bradenhead. Shut in well and WOC.
12. ND BOP and cut off wellhead below surface casing flange. Install P&A marker with cement to comply with regulations. RD, MOL and cut off anchors. Restore location per BLM stipulations.

Forrest #1

Current

Aztec Pictured Cliffs

1650' FNL, 1155' FWL, Section 35, T-30-N, R-11-W,

San Juan County, NM / API #30-045-09024

Lat _____ / Long _____

Today's Date: 8/5/10

Spud: 8/20/51

Completed: 9/22/51

Elevation: 5864' GL
5874' KB

12.25" hole

9.625" 32.5#, J-55 Casing set @ 100'
Cement with 75 sxs (Circulated to Surface)

Ojo Alamo @ 809' *est

TOC @ 872' (Calc, 75%)

Kirtland @ 944' *est

Fruitland @ 1944' *est

TOC @ 2035' (T.S.)

8.75" hole to 2210'

7", 20#, H-40 Casing set @ 2210'
Cement with 225 sxs (267 cf)

Pictured Cliffs @ 2209'

Pictured Cliffs Perforations:
2218' - 2274'

6.125" hole to TD

2.875", 6.4#, J-55 Casing set @ 2370'
Cement with 100 sxs

TD 2370'
PBD 2360'

Forrest #1

Proposed P&A

Aztec Pictured Cliffs

1650' FNL, 1155' FWL, Section 35, T-30-N, R-11-W,

San Juan County, NM / API #30-045-09024

Lat _____ / Long _____

Today's Date: 8/20/10

Spud: 8/20/51

Completed: 9/22/51

Elevation: 5864' GL
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12.25" hole

Ojo Alamo @ 809' *est

Kirtland @ 944' *est

Fruitland @ 1944' *est

8.75" hole to 2210'

Pictured Cliffs @ 2209'

6.125" hole to TD

9.625" 32.5#, J-55 Casing set @ 100'
Cement with 75 sxs (Circulated to Surface)

Perforate @ 150'

Plug #5: 150' – Surface
Class B cement, 60 sxs

CR @ 809'

Perforate @ 859'

TOC @ 872' (Calc, 75%)

Plug #4: 859' – 759'
Class B cement, 55 sxs:
29 inside and 26 outside

Plug #3: 994' – 894'
Class B cement, 29 sxs

Jet cut pipe at 2000'

Plug #2: 2000' – 1894'
Class B cement, 30 sxs

2.875" TOC @ 2035' (T.S.)

7" 20#, H-40 Casing set @ 2210'
Cement with 225 sxs (267 cf)

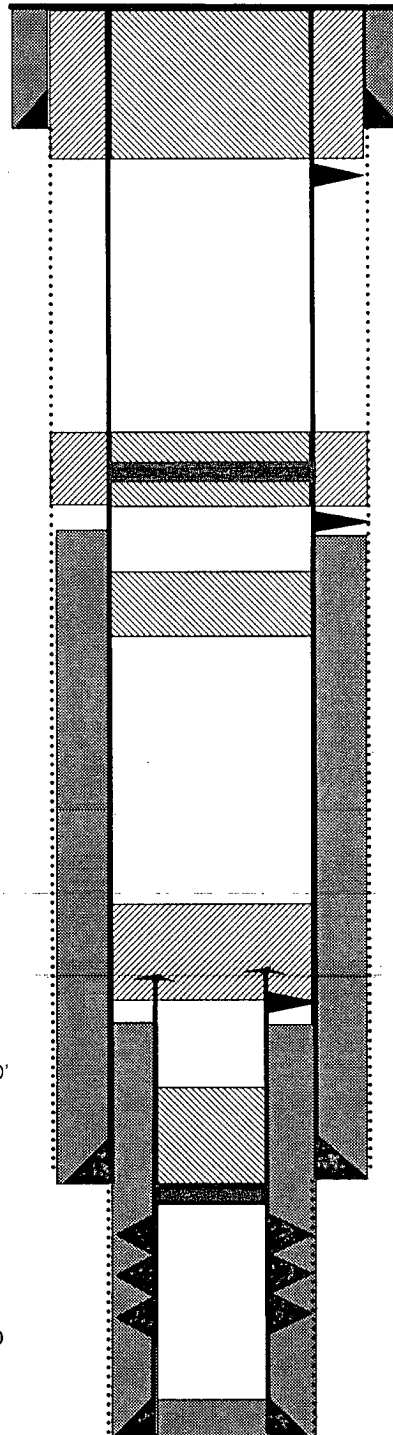
Set CIBP @ 2215'

Plug #1: 2215' – 2115'
Class B cement, 5 sxs

Pictured Cliffs Perforations:
2218' – 2274'

2.875", 6.4#, J-55 Casing set @ 2370'
Cement with 100 sxs

TD 2370'
PBD 2360'



**UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
FARMINGTON DISTRICT OFFICE
1235 LA PLATA HIGHWAY
FARMINGTON, NEW MEXICO 87401**

Attachment to notice of
Intention to Abandon:

Re: Permanent Abandonment
Well: 1 Forrest

CONDITIONS OF APPROVAL

1. Plugging operations authorized are subject to the attached "General Requirements for Permanent Abandonment of Wells on Federal and Indian Lease."
2. Farmington Office is to be notified at least 24 hours before the plugging operations commence (505) 599-8907.
3. The following modifications to your plugging program are to be made:
 - a) Bring the top of the Fruitland plug to 1856'.
 - b) Place the Kirtland plug from 1019' – 919'.
 - c) Place the Ojo Alamo plug from 879' – 779' inside and outside the 7" casing.
 - d) You are required to have H2S monitoring equipment and personnel on location during plugging operations.

You are also required to place cement excesses per 4.2 and 4.4 of the attached General Requirements.

Office Hours: 7:45 a.m. to 4:30 p.m.