

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

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

JUN 21 2013

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.

5. Lease Serial No.
NMM0206995

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.
AZTEC 35 #4

9. API Well No.
30-045-23869

10. Field and Pool, or Exploratory Area
HARPERHILL FS PC

11. County or Parish, State
SAN JUAN NM

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)
505-333-3630

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
1120' FNL & 1600' FWL SESW Sec.35 (N) -T30N-R14W N.M.P.M.

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 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 recompleate 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 recompleation 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 see also the attached current and proposed wellbore diagrams and recalculation plan.

OIL CONS. DIV DIST. 3

JUL 02 2013

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed) **SHERRY J. MORROW** Title **REGULATORY ANALYST**

Signature *Sherry J. Morrow* Date **6/19/2013**

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by **Original Signed: Stephen Mason** Title _____ Date **JUN 28 2013**

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 _____

NMM0206995

AZTEC 35-4
1,120' FSL & 1,600' FWL, Section 35, T 30 N, R 14 W
San Juan County, New Mexico / API 30-045-23869

Plug and Abandonment Procedure

AFE #: 1304163
Surface Casing: 7", 23#, N-80 @ 89'. Cmt 35 sx. Circ cmt to surface.
Production Casing: 2-7/8", 6.4#, J-55 @ 1,189'. Cmt 125 sx. Circ cmt to surface.
Perforations: Pictured Cliffs: 1,113' – 1,123'
Tubing: 1 jt 1-1/2", 2.9#, IJ, 10rd tbg, 1-1/2" x 10' tbg sub, 34 jts 1-1/2", 2.9#, IJ, 10rd tbg, SN & 1-1/2" x 17' OEMA. SN @ 1,127'. EOT @ 1,145'.
Rods & Pump: 1-1/4" x 16' PR, 2 – 5/8" rod subs (2', 4'), 44 – 5/8" rods & 1-3/8" x 1-1/4" x 12' RWBC-Z CDI pmp (XTO #151).

Please notify NMOCD & BLM 24 hours prior to beginning plugging operations

- 1) Check for COA's, approved CLEZ permit & approved NOI before operations begin.
- 2) Test rig anchors.
- 3) Set flowback tank.
- 4) MIRU PU. TOH & LD rods & pmp.
- 5) ND WH. NU BOP. TOH tubing.
- 6) MIRU WLU. RIH w/2-1/4" GR to 1,113'. POH.
- 7) RIH w/2-7/8" CIBP and set @ 1,100'. POH.
- 8) RDMO WLU.
- 9) TIH. Circulate hole clean.
- 10) PT casing and CIBP to 550 psig for 30 minutes. Record test on chart. **If casing does not test, contact engineer.**
- 11) MIRU cement truck.
- 12) **Perforation Isolation, PC Top, FC Top & Casing Shoe Plug (1,100' – Surface):** Pump 32 sx Class "B" cement (15.6 ppg, 1.18 cuft/sx yield) down tubing and spot balanced plug from 1,100' – Surface (volume calculated with 50' excess).
- 13) TOH & LD tubing.
- 14) RDMO cement truck.
- 15) WOC 4 hours.

- 16) Cut off wellhead. Fill in casing as needed with cement. Install P&A marker.
- 17) RDMO PU.
- 18) Cut off anchors and reclaim location.

Regulatory:

- 1) C-144 CLEZ
- 2) NOI for P&A on form C-103 and 3160-5
- 3) BLM Reclamation Plan
- 4) Submit a post-work sundry on form C-103 and 3160-5 which details the P&A work and location work within 30 days of completing all required restoration work.

Equipment

- 1) 1 Flowback Tank
- 2) 1 – 2-1/4" Gauge Ring
- 3) 1 – 2-7/8" CIBP
- 4) 32 Sacks Clean “B” Cement
- 5) P&A Marker
- 6) Pulling Unit
- 7) Cement Services
- 8) Wireline Services



XTO - Wellbore Diagram

Current

Well Name: Aztec 35-04

| | | | | | | | | |
|-------------------------|---------------|-------------------|---------------|-------------|---------------|------------------------|--------------------|----------------------|
| API/UWI | E/W Dist (ft) | E/W Ref | N/S Dist (ft) | N/S Ref | Location | Field Name | County | State/Province |
| 30045238690000 | 1,600.0 | FWL | 1,120.0 | FSL | T30N-R14W-S35 | Harper Hill FS PC | San Juan | New Mexico |
| Well Configuration Type | XTO ID B | Orig KB Elev (ft) | Gr Elev (ft) | KB-Grd (ft) | Spud Date | PBTD (All) (ftKB) | Total Depth (ftKB) | Method Of Production |
| Vertical | 77402 | 5,522.00 | 5,522.00 | 0.00 | 11/16/1979 | Original Hole - 1162.0 | 1,210.0 | Beam |

Well Config: Vertical - Original Hole, 5/29/2013 11:07:27 AM

| Schematic - Actual | | Incl | ftKB (TVD) | ftKB (MD) | Zones | | | | | | | | | |
|--------------------|--|------|------------|-----------|---------------------------------------|---------------|-------------------------|----------------------|--------------------|------------------|--------------|-----------------|------------|------------|
| | | | | | Zone | Top (ftKB) | Btm (ftKB) | | | | | | | |
| | | | | | Pictured Cliffs | 1,113.0 | 1,123.0 | | | | | | | |
| | | | | | Casing Strings | | | | | | | | | |
| | | | | | Casing Description | OD (in) | Wt (lbs/ft) | String Grade | Top Connection | Set Depth (ftKB) | | | | |
| | | | | -4 | Surface | 7 | 23.00 | N-80 | LT&C | 89.5 | | | | |
| | | | | | Casing Description | OD (in) | Wt (lbs/ft) | String Grade | Top Connection | Set Depth (ftKB) | | | | |
| | | | | | Production | 2 7/8 | 6.40 | J-55 | | 1,189.0 | | | | |
| | | | | 0 | Cement | | | | | | | | | |
| | | | | | Description | Type | String | | | | | | | |
| | | | | | Surface Casing Cement | casing | Surface, 89.5ftKB | | | | | | | |
| | | | | | Comment | | | | | | | | | |
| | | | | 12 | Cmt'd w/35 sx cmt. Circ cmt to surf. | | | | | | | | | |
| | | | | | Description | Type | String | | | | | | | |
| | | | | | Production Casing Cement | casing | Production, 1,189.0ftKB | | | | | | | |
| | | | | | Comment | | | | | | | | | |
| | | | | 18 | Cmt'd w/125 sx cmt. Circ cmt to surf. | | | | | | | | | |
| | | | | 34 | Perforations | | | | | | | | | |
| | | | | | Date | Top (ftKB) | Btm (ftKB) | Shot Dens (shots/ft) | Hole Diameter (in) | Phasing (°) | Curr. Status | Zone | | |
| | | | | | 12/3/1979 | 1,113.0 | 1,123.0 | 1.0 | | | | Pictured Cliffs | | |
| | | | | 44 | Tubing Strings | | | | | | | | | |
| | | | | | Tubing Description | Run Date | Set Depth (ftKB) | | | | | | | |
| | | | | | Tubing - Production | 6/1/2009 | 1,145.2 | | | | | | | |
| | | | | 90 | Tubing Components | | | | | | | | | |
| | | | | | Item Description | Jts | Model | OD (in) | Wt (lbs/ft) | Grade | Top Thread | Len (ft) | Top (ftKB) | Btm (ftKB) |
| | | | | 90 | Tubing Sub | 1 | | 1 1/2 | 2.90 | J-55 | 10 RD IJ | 34.25 | 0.0 | 34.3 |
| | | | | 779 | Tubing Sub | 1 | | 1 1/2 | 2.90 | J-55 | 10 RD IJ | 10.10 | 34.3 | 44.4 |
| | | | | 1,113 | Tubing | 23 | | 1 1/2 | 2.90 | J-55 | 10 RD IJ | 734.89 | 44.4 | 779.2 |
| | | | | 1,118 | Tubing | 11 | | 1 1/2 | 2.90 | J-55 | 10 RD IJ | 348.03 | 779.2 | 1,127.3 |
| | | | | 1,123 | Seat Nipple | 1 | | 1 1/2 | | J-55 | 10 RD IJ | 0.90 | 1,127.3 | 1,128.2 |
| | | | | 1,127 | OEMA | 1 | | 1 1/2 | | J-55 | 10 RD IJ | 17.00 | 1,128.2 | 1,145.2 |
| | | | | 1,128 | Rods | | | | | | | | | |
| | | | | | Rod Description | Run Date | String Length (ft) | | Set Depth (ftKB) | | | | | |
| | | | | | Rod String | 6/1/2009 | 1,134.00 | | 1,130.0 | | | | | |
| | | | | 1,130 | Rod Components | | | | | | | | | |
| | | | | | Item Description | Jts | Model | OD (in) | Grade | Len (ft) | Top (ftKB) | Btm (ftKB) | | |
| | | | | | Polished Rod | 1 | | 1 1/4 | SM | 16.00 | -4.0 | 12.0 | | |
| | | | | 1,145 | Rod Sub | 2 | | 5/8 | D | 6.00 | 12.0 | 18.0 | | |
| | | | | | Sucker Rod | 44 | | 5/8 | D | 1,100.00 | 18.0 | 1,118.0 | | |
| | | | | | Rod Insert Pump | 1 | | 1 1/4 | | 12.00 | 1,118.0 | 1,130.0 | | |
| | | | | 1,162 | Stimulations & Treatments | | | | | | | | | |
| | | | | | Frac Start Date | Top Perf (ft) | Bottom Pe... | V (slurry) (...) | Total Prop... | AIR (b... | ATP (psi) | MTP (psi) | ISIP (psi) | |
| | | | | | | | | | | | | | | |
| | | | | 1,189 | Comment | | | | | | | | | |
| | | | | 1,210 | | | | | | | | | | |

Top (MD): 1,113,
Des: Pictured Cliffs

PBTD.
1,162

TD, 1,210

Top (MD): 1,113,
Des: Pictured CliffsPBTD.
1,162

TD, 1,210

Aztec 35 #4 Proposed WB Diagram

8-3/4" HOLE

7" 23#, J-55 CSG @ 88'
CMT'D W/35 SX CMT.
CIRC CMT TO SURF.

KB: 0'
GL: 5,522'
KB CORR: 0'

5" HOLE

PLUG #1: CMT FR/1,100' - SURFACE
(32 SX)

FRUITLAND COAL
TOP @ 850'

PICTURED CLIFFS
TOP @ 1,113'

CIBP @ 1,100'

PC FR/1,113' - 1,123'

PBTD 1,162'
TD @ 1,210'

2-7/8" 6.4#, JWC-55 10R CSG/TBG
@ 1,189' . CMT'D W/125 SX CMT.
CIRC CMT TO SURF.