

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.

5. Lease Serial No.

NMSF-078872A

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on page 2

RECEIVED

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

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

OCT 29 2010

2. Name of Operator

XTO ENERGY INC.

Farmington Field Office

3a. Address

382 CR 3100 AZTEC, NM 87410

3b. Phone No.

505-333-3630

8. Well Name and No.

ALICE BOLACK #14

9. API Well No.

30-045-06498

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

1650' FSL & 990' FEL NESE SEC.16(I)-T27N-R11W N.M.P.M.

10. Field and Pool, or Exploratory Area

KUTZ W. 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. proposes to P&A this well per the attached procedure. Please also see the attached current and proposed wellbore diagrams.

RCVD NOV 2 '10

OIL CONS. DIV.

DIST. 3

Notify NMOCD 24 hrs  
prior to beginning  
operations

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

WANETT MCCAULEY

Title REGULATORY COMPLIANCE TECHNICIAN

Signature

Wanett McCauley

Date 10/28/2010

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Original Signed: Stephen Mason

Title

Date

OCT 29 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

# Alice Bolack #14

Location: 1,650' FSL & 990' FEL, Section 16, T27N, R11W, San Juan County, NM  
API: 30-045-06498  
Open Perfs: Pictured Cliffs – 1,972'- 2,004'

## PLUG AND ABANDONMENT PROCEDURE

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 an approved NMOCD C-144 CLEZ Closed-Loop System Permit for the use of an approved 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. MIRU 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. TOH and LD rods and pump. ND wellhead and NU BOP. Function test BOP. TOH with tubing and LD BHA.
3. Round trip a 5-1/2" casing scraper to 1,930'; not a wireline gauge ring.
4. **Plug #1 (Pictured Cliffs and 4" liner top, 2,000' – 1,830')**: TIH and set a 5-1/2" CICR at 1,930'. Pressure test tubing to 1000 PSI. Mix cement and pump 2 sxs Class B cement below CICR and 18 sxs cement above CICR to cover the Pictured Cliffs top and 4" liner top. TOH.  
1649 1549
5. **Plug #2 (Fruitland Coal, 1,486'-1,386')**: TIH and perforate 3 squeeze holes at 1,486'. Set a 5-1/2" CICR at 1,436'. TIH with tubing and sting into retainer. Establish rate into squeeze holes. Mix 40 sxs cement, squeeze 22 sxs cement outside 5-1/2" casing and leave 18 sxs cement inside casing (9 sxs under CICR and 9 sxs above CICR) to cover the Fruitland Coal top. TOH.  
1649
6. **Plug #3 (Kirtland and Ojo Alamo tops, 1,000' - 800')**: TIH and perforate 3 squeeze holes at 994 1,000'. Set a 5-1/2" CICR at 944'. Mix and pump 81 sxs Class B cement, squeeze 44 sxs cement outside 5-1/2" casing and leave 28 sxs cement inside casing (8 sxs under CICR and 21 sxs above CICR) to cover the Kirtland and Ojo Alamo tops. PUH.  
994 759
7. **Plug #4 (Casing shoe, 160' – Surface)**: Perforate 3 squeeze holes at 160'. Establish circulation out bradenhead valve. Mix and pump approximately 66 sxs cement down 5-1/2" casing and circulate good cement out bradenhead valve. Shut well in and WOC.
8. 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.

### Tops:

|             |      |                 |        |
|-------------|------|-----------------|--------|
| Casing shoe | 108' | Fruitland Coal  | 1,435' |
| Ojo Alamo   | 850' | Pictured Cliffs | 1,960' |
| Kirtland    | 950' |                 |        |

August 4, 2010

KB: 6,288  
GL: 6,279  
CORR: 9'

## Alice Bolack #14 Wellbore Diagram

LUFKON CH5089-54 PU  
WKOHLER 18 HP GAS ENGINE



XTO WH SCREW COMPRESSOR  
(CAT 3306, 2 STG, XTO  
DIST TOOL SUB #1989)

8-5/8" 40# H-40 CSG @ 108' CMTD W/100  
SXS CMT. CIRC CMT.

TOC @ 1,735'

TOL @ 1,942'

5-1/2" 14# H-40 CSG @ 1,960' CMTD W/160  
SXS CMT. TOC UNKNOWN

PBTD: 2,078'  
TD: 2,089'

PC: 1,972' - 2,004' W/2 JSPP.  
4" FJ, 16# LINER FR/1,942' - 2,080'. CMTD W/50  
SXS CMT. TOC @ 4,900'.

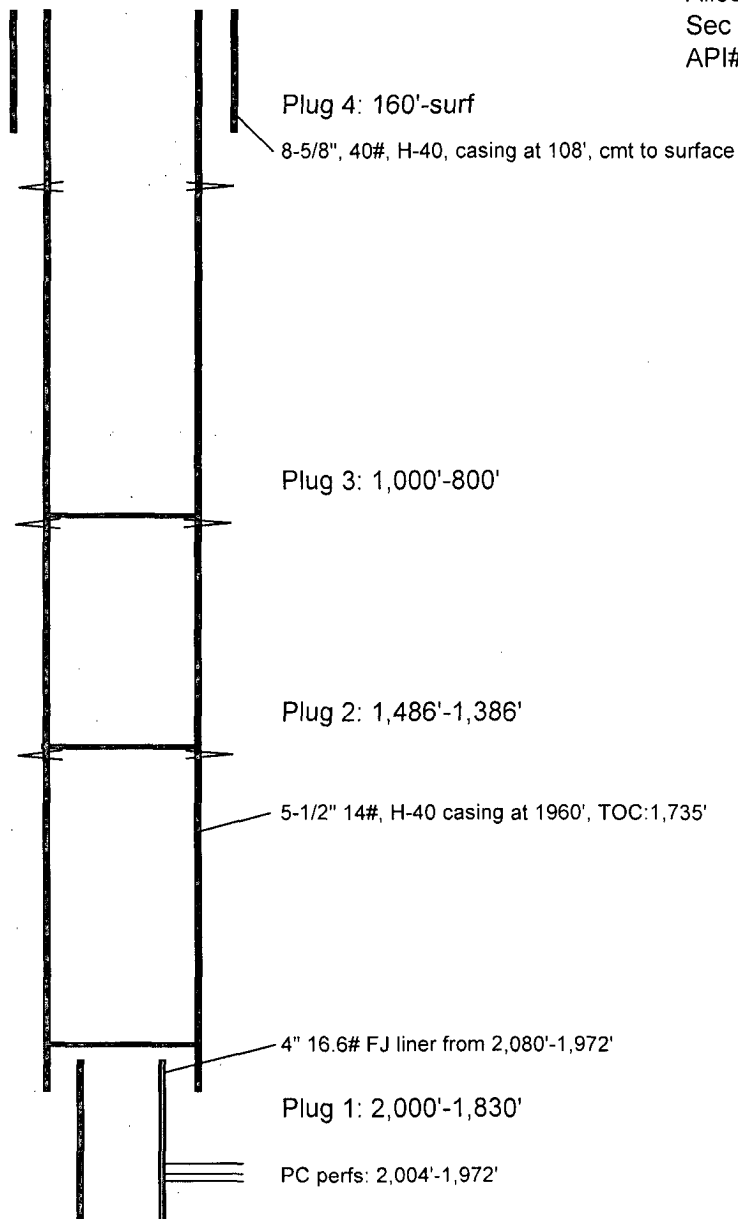
### DATA

**LOCATION:** 1,650' FSL & 990' FEL, UNIT 1, SEC 16, T-27-N, R-11-W  
**COUNTY/STATE:** SAN JUAN COUNTY, NEW MEXICO  
**FIELD:** WEST KUTZ  
**FORMATION:** PICTURED CLIFFS  
**FEDERAL LEASE #:** NMSF 078872A **API #:** 30-045-06498 **XTO WELL #:** 78028  
**SPUD DATE:** 08/30/51 **COMPLETION DATE:** 09/10/51  
**IP:** F: 3,460 MCFFD, SIP 460 PSIG.  
**PERFS:** PC: 1,972' - 82' & 1,986' - 92' & 1,997' - 2,004' W/2 JSPP.  
**TUBING STRING:** 30' OEMA W/1/4" WEEP HOLE, SN & 64 JTS TUBO CRIBE 2-3/8" 4.7#,  
J-55, EUE, 8RD TBG FRTOOL PUSHERS, SN @ 2,021' & EOT @ 2,051'.  
**RODS & PUMP:** 2" X 1-1/2" X 12 RWAC-Z (DV) PMP W/4" X 3/4" GAC (XTO #716), RHBO  
TL, SPIRAL ROD GUIDE, 1" X 1" L.S. 80 - 3/4" GR "D" NORRIS RODS, 3/4" X 4" ROD SUB  
& 1-1/4" X 16" PR W/1/2" LNR.  
**PRODUCTION METHOD:** PUMPING

### HISTORY

**08/30/51:** SPUDDED ALICE BOLACK #14 FOR THE FRONTIER REFINING CO. TD HOLE  
@ 110'. SET 8-5/8" 40" H-40 CSG @ 108'. CMTD W/90 SX CMT W/200"  
CACL<sub>2</sub>. CIRC TO SURF.  
**09/02/51:** TD HOLE @ 1,991'. RAN OH LOGS FR/1,986' - 108'. SET 5-1/2" 14" H-40 CSG  
@ 1,960'. CMTD W/160 SX CMT W/200" CACL<sub>2</sub>.  
**09/07/51:** MIRU CABLE TOOL RIG.  
**09/09/51:** TGD TOC @ 1,735'. CO OH @ 1,998'. SHOT WELL FR/1,973' - 1,998' W/60  
OTS GELED NITRO. CO TO 1,998'. TIH W/94 JTS OF 1" TBG TO 1,981'.  
**09/15/51:** IPF: 3,460 MCFFD, SIP 460 PSIG.  
**06/18/52:** TOH W/TBG. TIH W/20' SLOTTED JT & 93 JTS 1" TBG. EOT @ 1,960'.  
**09/27/55:** CO OH. TIH W/93 JTS 1" TBG. EOT @ 1,960'.  
**01/22/59:** EL PASO NATURAL GAS ASSUMED OPERATIONS.  
**02/25/60:** MIRU CABLE TOOL RIG. TOH W/1" TBG. CO OH & DEEPEN TO 2,089'. RAN  
ELECTRIC LOG FR/2,080' - 1,960'. SET 4" FJ, 16.6" LINER FR/1,942' - 2,080'.  
BAKER DUPLEX SHOE @ 2,078'. CMTD W/50 SX DIAMIX W/2% GEL, 1/4" #SX  
FLOCELE & 1/4" #SX TUFF PLUG. REV OUT 10 BLS CMT. DO CMT TO  
2,078'. LINER TOP WOULD NOT PT. SET PKR @ 1,845'. SQZD TOL W/30 SX  
CMT W/2% CACL<sub>2</sub>. DO CMT TO 2,078'. PT CSG TO 2,000 PSIG & HELD OK.  
SWB WELL DRY.  
**03/02/60:** SPOT 200 GALS 7-1/2% MCA ACROSS PC. **PERFD PC** FR/1,972' - 82' 1,986' -  
92' & 1,997' - 2,004' W/2 JSPP. **FRAC'D PC** W/25,960 GALS WTR CARRYING  
25,000" 10/20 SD & 23 BS. SWBD WELL IN.  
**03/05/60:** TIH W/95 JTS 1" TBG. EOT @ 1,998'. F: 1,150 MCFFD.  
**09/14/78:** HUSKY OIL COMPANY ASSUMED OPERATIONS.  
**06/28/84:** MARATHON OIL COMPANY ASSUMED OPERATIONS.

Alice Bolack #14  
Sec 16, T27N, R11W  
API# 30-045-06498



| Tops:           |        |
|-----------------|--------|
| Casing shoe     | 108'   |
| Ojo Alamo       | 850'   |
| Kirtland        | 950'   |
| Fruitland Coal  | 1,435' |
| Pictured Cliffs | 1,960' |

**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: 14 Alice Bolack

**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) Place the Fruitland plug from 1649' – 1549' inside and outside the 5 ½" casing.
  - b) Place the Kirtland/Ojo Alamo plug from 994' – 759' inside and outside the 5 ½" casing.

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.