

Submit 3 Copies To Appropriate District  
Office  
District I  
1625 N French Dr., Hobbs, NM 87240  
District II  
1301 W. Grand Ave., Artesia, NM 88210  
District III  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV  
1220 S. St Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals and Natural Resources

Form C-103  
May 27, 2004

OIL CONSERVATION DIVISION  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

WELL API NO. 30-045-09514
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name: AZTEC COM 2
8. Well Number #1
9. OGRID Number 5380
10. Pool name or Wildcat AZTEC PICTURED CLIFFS
11. Elevation (Show whether DR, RKB, RT, GR, etc.)
Pit or Below-grade Tank Application <input type="checkbox"/> or Closure <input type="checkbox"/>
Pit type _____ Depth to Groundwater _____ Distance from nearest fresh water well _____ Distance from nearest surface water _____
Pit Liner Thickness: _____ mil Below-Grade Tank: Volume _____ bbls; Construction Material _____

12. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☒  
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐  
PULL OR ALTER CASING ☐ MULTIPLE COMPLETION ☐  
OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐  
COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDONMENT ☐  
CASING TEST AND CEMENT JOB ☐  
OTHER: ☐

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

XTO Energy Inc. intends to plug & abandon this well per the attached procedure. Please see also, the attached wellbore diagrams.

RCVD OCT 31 '07

OIL CONS. DIV.

DIST. 3

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines ☐ , a general permit ☐ or an (attached) alternative OCD-approved plan ☐

SIGNATURE Lorri D. Bingham TITLE REGULATORY COMPLIANCE TECH DATE 10/30/07

Type or print name LORRI D. BINGHAM E-mail address: Lorri\_bingham@xtoenergy.com  
Telephone No. 505-333-3100

For State Use Only

Deputy Oil & Gas Inspector,  
District #3

APPROVED BY A. Villanueva TITLE Deputy Oil & Gas Inspector, District #3 DATE 11/19/07

Conditions of Approval, if any.

24 Hr Notice for OCD to witness

## PLUG AND ABANDONMENT PROCEDURE

May 22, 2007

### Aztec Com 2 #1

Aztec Pictured Cliffs  
1720' FNL and 1405' FWL, Section 16, T30N, R11W  
San Juan County, New Mexico / API 30-045-09514  
Lat: N \_\_\_\_\_ / Lat: 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 ASTM Type III, mixed at 14.8 ppg with a 1.32 cf/sx yield.

1. Project will require an approved Pit Permit (C-103) from the NMOCD.
2. Install and test rig anchors. Comply with all NMOCD, BLM and XTO safety rules and regulations. Prepare a lined waste fluid pit. Conduct safety meeting for all personnel on location. MOL and RU daylight pulling unit. NU relief line and blow well down; kill with water as necessary.
3. ND wellhead and NU BOP; test the BOP. TOH and tally 62 joints 1.25" tubing, SN at 2011', total 2045'. If necessary LD tubing and PU a workstring. Round trip a wireline gauge ring to 1975'.
4. **Plug #1 (Pictured Cliffs interval and Fruitland top, 5.5" casing shoe, 1975' – 1650')**: RIH and set a 3.5" wireline CIBP at 1975'. TIH with tubing and tag BP. Load casing with water and circulate well clean. Pressure test casing to 800#. If casing does not test, spot or tag subsequent plugs as appropriate. Mix 14 sxs cement and spot a balanced plug above CR to isolate the Pictured Cliffs interval then cover the 5.5" casing shoe and the Fruitland top. TOH with tubing.
5. **Plug #2 (Kirtland and Ojo Alamo tops, 750' – 555')**: Perforate 3 HSC squeeze holes at 750'. If the 3.5" casing tested, then attempt to establish rate into the squeeze holes outside 5.5" x 7.875" annulus. Set a 3.5" cement retainer at 700'. Establish rate below CR. Mix and pump 62 sxs Type III cement, squeeze 52 sxs outside the 5.5" x 7.875" casing annulus and leave 10 sxs inside 3.5" casing to cover the Kirtland and Ojo Alamo tops. TOH and LD tubing.
6. **Plug #3 (Surface)**: Perforate 3 HSC squeeze holes at 156'. Establish circulation to surface out the 3.5" casing, 5.5" annulus and bradenhead valve, circulate the BH annulus clean. Mix approximately 65 sxs cement and pump down the 3.5" casing to circulate good cement to the surface. Shut in well and WOC.
7. 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.

# Aztec Com 2 #1

## Current

Aztec Pictured Cliffs

1720' FNL & 1405' FWL, Section 16, T-30-N, R-11-W  
San Juan County, NM / API #30-045-09514

Lat: N \_\_\_\_\_ / Long: W \_\_\_\_\_

Today's Date: 5/22/07

Spud: 03/04/54

Comp: 03/18/54

Elevation. 5630' GL  
5638' KB

13" Hole

10.75", 32.75#, VT Casing set @ 106'  
100 sxs cement, circulated to surface

3.5" TOC unknown; cement  
did not circulate

### Well History

Aug '80: RIH and set 66 jts 3.5" casing at 2077'.  
Cement with total 272 cf; no circulation.  
Perforate PC 2025' to 2061' Land tubing at  
2045'.

Ojo Alamo @ 605' \*est

Kirtland @ 700' \*est

1.25" Tubing set at 2045'  
(62 jts, 2.4#, SN @ 2011')

5.5" TOC @ 1386' (Calc, 75%)

Fruitland @ 1700' \*est

7.875" Hole

Pictured Cliffs @ 2022'

5.5", 14# J-55 Casing @ 2027'  
Cemented with 125 sxs (148 cf)

Pictured Cliffs Perforations:  
2025' - 2061'

4.75" Hole

3.5" 9.2# J-55 Casing @ 2077'  
Cemented with 190 sxs (272 cf)

TD 2111'  
PBTD 2067'

# Aztec Com 2 #1

## Proposed P&A

Aztec Pictured Cliffs

1720' FNL & 1405' FWL, Section 16, T-30-N, R-11-W  
San Juan County, NM / API #30-045-09514

Lat: N \_\_\_\_\_ / Long: W \_\_\_\_\_

Today's Date. 5/22/07  
Spud: 03/04/54  
Comp: 03/18/54  
Elevation: 5630' GL  
5638' KB

Ojo Alamo @ 605' \*est

Kirtland @ 700' \*est

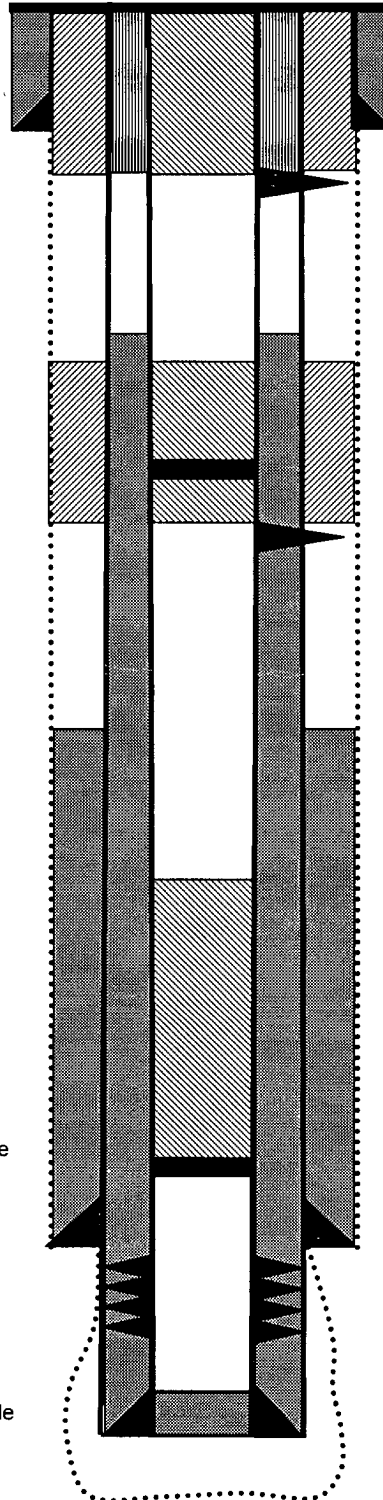
Fruitland @ 1700' \*est

Pictured Cliffs @ 2022'

13" Hole

7.875" Hole

4.75" Hole



10.75", 32.75# VT Casing set @ 106'  
100 sxs cement, circulated to surface

**Perforate @ 156'**

3 5" TOC unknown; cement  
did not circulate

**Plug #3: 155' - 0'**  
Type III cement, 65 sxs

**Plug #2: 750' - 555'**  
Type III cement, 62 sxs  
52 outside and 10 inside

**Cement Retainer @ 700'**

**Perforate @ 750'**

5.5" TOC @ 1386' (Calc, 75%)

**Plug #1: 1975' - 1650'**  
Type III cement, 14 sxs

**Set CIBP @ 1975'**

5 5", 14# J-55 Casing @ 2027'  
Cemented with 125 sxs (148 cf)

Pictured Cliffs Perforations:  
2025' - 2061'

3 5" 9.2# J-55 Casing @ 2077'  
Cemented with 190 sxs (272 cf)

TD 2111'  
PBTD 2067'