

Submit 1 Copy To Appropriate District Office  
 District I - (575) 393-6161  
 1625 N. French Dr., Hobbs, NM 88240  
 District II - (575) 748-1283  
 811 S. First St., Artesia, NM 88210  
 District III - (505) 334-6178  
 1000 Rio Brazos Rd., Aztec, NM 87410  
 District IV - (505) 476-3460  
 1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
 Energy, Minerals and Natural Resources

Form C-103  
 Revised July 18, 2013

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

WELL API NO. 30-045-30759
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 WF State
8. Well Number 2-3
9. OGRID Number 5380
10. Pool name or Wildcat Pictured Cliffs/Basin Fruitland Coal
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 5955' GL

**SUNDRY NOTICES AND REPORTS ON WELLS**  
 (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well: Oil Well  Gas Well  Other

2. Name of Operator  
XTO Energy Inc

3. Address of Operator  
382 CR 3100, Aztec, NM 87410

4. Well Location  
 Unit Letter N : 1237 feet from the South ~~North~~ line and 1790 feet from the West line  
 Section 2 Township 30N Range 14W NMPM County San Juan

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

<b>NOTICE OF INTENTION TO:</b>		<b>SUBSEQUENT REPORT OF:</b>	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input checked="" type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	P AND A <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	MULTIPLE COMPL <input type="checkbox"/>	CASING/CEMENT JOB <input type="checkbox"/>	
DOWNHOLE COMMINGLE <input type="checkbox"/>			
CLOSED-LOOP SYSTEM <input type="checkbox"/>			
OTHER: <input type="checkbox"/>		OTHER: <input type="checkbox"/>	

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 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

XTO Energy Inc. proposes to plug and abandon this well per the attached procedure. XTO will be using a Closed Loop System. Please see attached Current and Proposed Wellbore Diagram.

Notify NMOCD 24 hrs  
 prior to beginning  
 operations

OIL CONS. DIV DIST. 3  
 JUL 28 2017

*Extend the top of plug #1 to 870 to cover the Fruitland top.*

Spud Date:  Rig Release Date:

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Rhonda Smith TITLE Regulatory Clerk DATE 07/28/2017

Type or print name Rhonda Smith E-mail address: rhonda.smith@xtoenergy.com PHONE: 505-333-3215

**For State Use Only**  
 APPROVED BY: Brandon Powell TITLE Deputy Oil & Gas Inspector, District #3 DATE 8/7/17  
 Conditions of Approval (if any): AV

## PLUG AND ABANDONMENT PROCEDURE

June 27, 2017

### WF State 2 #3

Harper Hill PC / Basin Fruitland Coal  
1237' FNL and 1790' FWL, Section 2, T30N, R14W  
San Juan County, New Mexico / API 30-045-30759  
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  , No  , Unknown  .  
Tubing: Yes  , No  , Unknown  , Size 2.375" , Length 1660' .  
Packer: Yes  , No  , Unknown  , Type \_\_\_\_\_ .  
If this well has rods or a packer, then modify the work sequence in step #2 as appropriate.
4. **Plug #1 (Pictured Cliffs interval and Fruitland Coal perforations and top, 1635' – 1379')**: Round trip 5.5" scraper to 1635' or as deep as it will go. RIH and set 5.5" CR at 1635'. RIH with open ended tubing and spot 55 sxs Class B cement (100% excess over open perforations) to isolate PC interval and fill FtC perforations. PUH and WOC. TIH and tag plug; if necessary top off. Circulate well clean. Attempt to pressure test casing to 800 PSI. If casing does not test then spot or tag subsequent plugs as appropriate. PUH.
5. **Plug #3 (Kirtland and 8.625" casing shoe, 270' – 0')**: Attempt to pressure test the bradenhead annulus to 300 PSI; note the volume to load. If the BH annulus holds pressure, then establish circulation out casing valve with water. Mix approximately 35 sxs cement and spot a balanced plug from 270' to surface, circulate good cement out casing valve. TOH and LD tubing. Shut well in and WOC. If the BH annulus does not test, then perforate at the appropriate depth and attempt to circulate cement to surface filling the casing from 270' and the annulus from the squeeze holes to surface. 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.

# WF State 2 #3

## Current

Harper Hill PC / Basin Fruitland Coal  
1237' FNL, 1790' FWL, Section 2, T-30-N, R-14-W,  
San Juan County, NM / API #30-045-30759  
Lat \_\_\_\_\_ / Long \_\_\_\_\_

Today's Date: 6/27/17  
Spud: 7/14/03  
Completed: 11/29/04  
Elevation: 5955' GR

12.25" hole

TOC circulated to surface per sundry notice

8-5/8" 24#, J-55 Casing set @ 126'  
Cement with 100 sxs, circulated to surface

Kirtland @ 220'

2.375" tubing at 1660'  
(with rod string)

Fruitland @ 1429'

Basin Fruitland Coal Perforations:  
1433' - 1627'

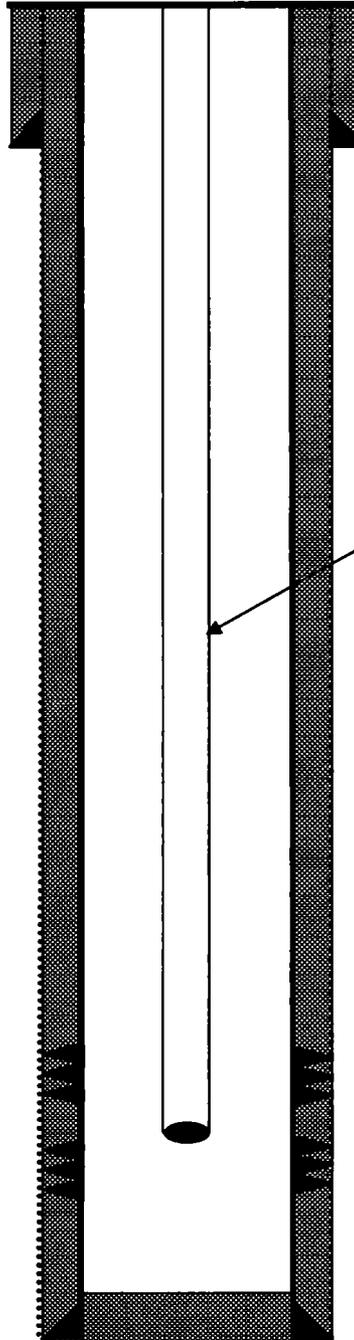
Pictured Cliffs @ 1644'

Harper Hill PC Perforations:  
1644' - 1664'

7-7/8" hole

5.5", 17#, J-55 Casing set @ 1758'  
Cement with 351 sxs  
Circulate cement to surface

TD 1800'  
PBSD 1713'



# WF State 2 #3 Proposed P&A

Harper Hill PC / Basin Fruitland Coal  
1237' FNL, 1790' FWL, Section 2, T-30-N, R-14-W,  
San Juan County, NM / API #30-045-30759  
Lat \_\_\_\_\_ / Long \_\_\_\_\_

Today's Date: 6/27/17  
Spud: 7/14/03  
Completed: 11/29/04  
Elevation: 5955' GR

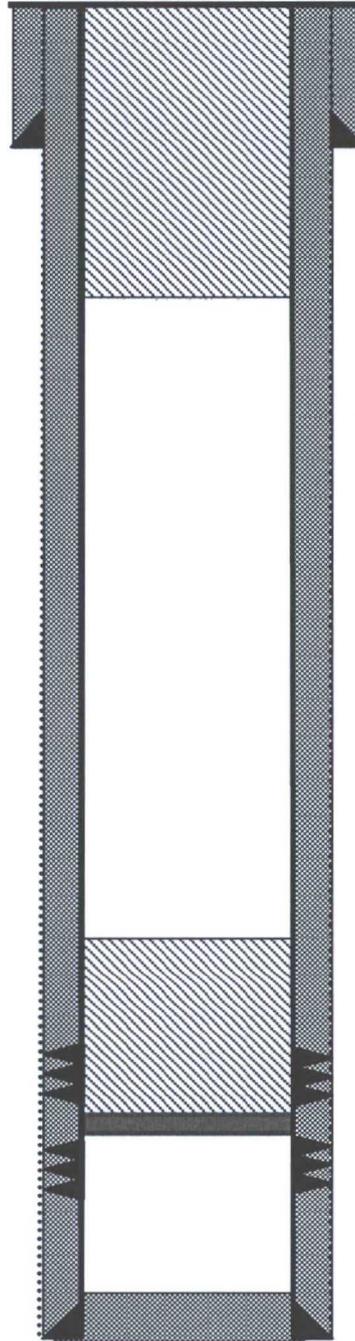
Kirtland @ 220'

Fruitland @ 1429'

Pictured Cliffs @ 1644'

12.25" hole

7-7/8" hole



TOC circulated to surface per sundry notice

8-5/8" 24#, J-55 Casing set @ 126'  
Cement with 100 sxs, circulated to surface

**Plug #2: 270' - 0'**  
Class B cement, 35 sxs

**Plug #1: 1635' - 1379'**  
Class B cement, 55 sxs  
(100% excess over open perms)

Basin Fruitland Coal Perforations:  
1433' - 1627'

**Set CR @ 1635'**

Harper Hill PC Perforations:  
1644' - 1664'

5.5", 17#, J-55 Casing set @ 1758'  
Cement with 351 sxs  
Circulate cement to surface

TD 1800'  
PBTD 1713'