

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

Form C-103  
Revised July 18, 2013

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b> (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.)		WELL API NO. 30-045-30759
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other		5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
2. Name of Operator XTO Energy Inc		6. State Oil & Gas Lease No.
3. Address of Operator 382 CR 3100, Aztec, NM 87410		7. Lease Name or Unit Agreement Name WF State
4. Well Location Unit Letter <u>N</u> : <u>1237</u> feet from the <u>South</u> line and <u>1790</u> feet from the <u>West</u> line Section <u>2</u> Township <u>30N</u> Range <u>14W</u> NMPM County <u>San Juan</u>		8. Well Number <u>2-3</u>
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 5955' GL		9. OGRID Number 5380
		10. Pool name or Wildcat Pictured Cliffs/Basin Fruitland Coal

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
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 X, No \_\_\_\_\_, Unknown\_\_\_\_\_.  
Tubing: Yes X, No \_\_\_\_\_, Unknown\_\_\_\_\_, Size 2.375", Length 1660'.  
Packer: Yes \_\_\_\_\_, No X, 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 \_\_\_\_\_

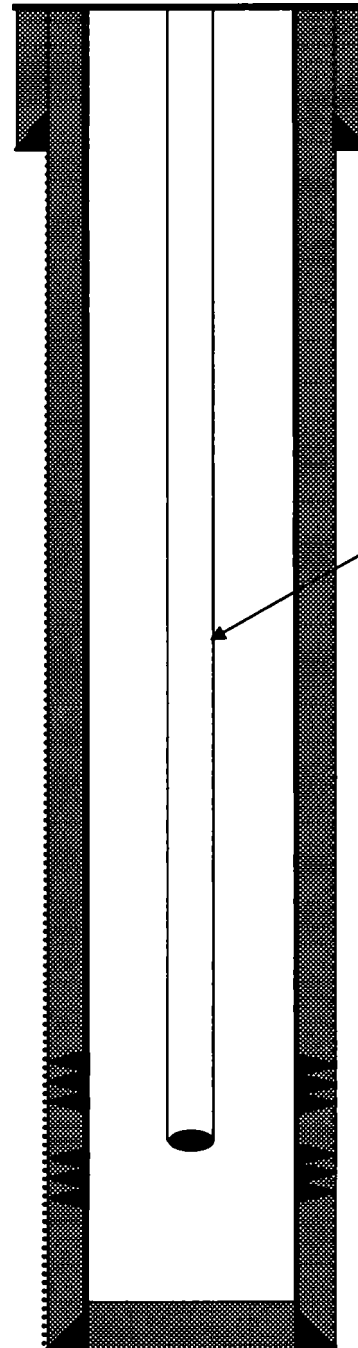
Today's Date: 6/27/17  
Spud: 7/14/03  
Completed: 11/29/04  
Elevation: 5955' GR

Kirtland @ 220'

Fruitland @ 1429'

Pictured Cliffs @ 1644'

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

2.375" tubing at 1660'  
(with rod string)

Basin Fruitland Coal Perforations:  
1433' - 1627'

Harper Hill PC Perforations:  
1644' - 1664'

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

## 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

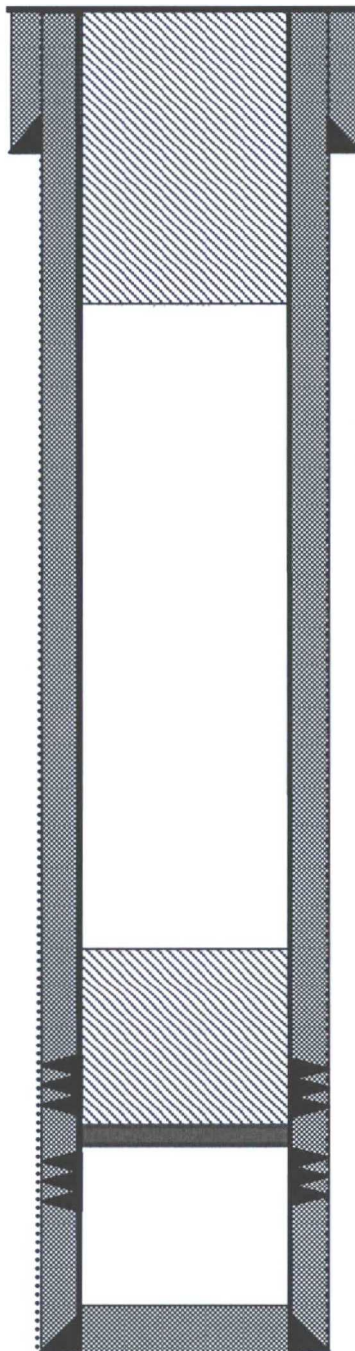
Kirtland @ 220'

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'