

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. <b>30-045-29458</b>
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other		5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
2. Name of Operator <b>XTO Energy Inc</b>		6. State Oil & Gas Lease No.
3. Address of Operator <b>382 CR 3100, Aztec, NM 87410</b>		7. Lease Name or Unit Agreement Name <b>Havasu Com</b>
4. Well Location Unit Letter <b>P</b> : <b>790</b> feet from the <b>South</b> line and <b>790</b> feet from the <b>East</b> line Section <b>22</b> Township <b>32N</b> Range <b>13W</b> NMPM County <b>San Juan</b>		8. Well Number <b>1</b>
11. Elevation (Show whether DR, RKB, RT, GR, etc.) <b>5924' GL</b>		9. OGRID Number <b>5380</b>
		10. Pool name or Wildcat <b>Basin Fruitland Coal</b>

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 31 2017

\* Run CBL and submit for review/Approval prior to cementing.  
\* Extend top of plug #1 to 740 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 07/31/2017

Type or print name Rhonda Smith

E-mail address: rhonda.smith@xtoenergy.com

PHONE: 505-333-3215

For State Use Only

Deputy Oil & Gas Inspector,  
District #3

APPROVED BY:

*Brandt Randall*

TITLE

DATE 8/7/17

Conditions of Approval (if any):

AV

## PLUG AND ABANDONMENT PROCEDURE

July 13, 2013

### Havasu #1

Basin Fruitland Coal  
790' FSL and 790' FEL, Section 22, T32N, R13W  
San Juan County, New Mexico / API 30-045-29458  
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 X, Unknown \_\_\_\_\_.  
Tubing: Yes X, No \_\_\_\_\_, Unknown \_\_\_\_\_, Size 2.375", Length 1214'.  
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 top and Fruitland interval and top, 1100' – 790')**: Round trip 5.5" gauge ring or mill to 1100' or as deep as possible. RIH and set 5.5" cement retainer at 1100'. Pressure test tubing to 1000 PSI. Circulate well clean. Attempt to pressure test casing to 800 PSI. If casing does not test then spot or tag subsequent plugs as appropriate. Mix 41 sxs Class B cement inside casing to isolate the Pictured Cliffs top and Fruitland interval. PUH.
5. **Plug #2 (8.625" casing shoe, 189' – 0')**: Perforate 3 squeeze holes at 189'. Establish circulation out bradenhead with water and circulate the BH annulus clean. Mix approximately 65 sxs Class B cement and pump down the 5.5" casing and circulate good cement out bradenhead. 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.

# Havasu #1

## Current

Basin Fruitland Coal

790' FSL, 790' FEL, Section 22, T-32-N, R-13-W,

San Juan County, NM / API #30-045-29458

Lat \_\_\_\_\_ / Long \_\_\_\_\_

Today's Date: 7/13/17

Spud: 7/31/97

Completed: 8/29/97

Elevation: 5924' GL

12.25" hole

8-5/8" 23#, Casing set @ 139'  
Cement with 75 sxs, circulated to surface

TOC did not circulate

2.375" tubing at 1214'

Fruitland @ 840'

DV Tool @ 1142'

NOTE: Pre-perf casing across  
main Fruitland Coal Perforations:  
1156' - 1196'

Pictured Cliffs @ 1206'

7-7/8" hole

5.5", 14#, K-55 Casing set @ 1240'  
Cement with 165 sxs

TD 1260'  
PBD 1240'



# Havasu #1

## Proposed P&A

Basin Fruitland Coal

790' FSL, 790' FEL, Section 22, T-32-N, R-13-W,

San Juan County, NM / API #30-045-29458

Lat \_\_\_\_\_ / Long \_\_\_\_\_

Today's Date: 7/13/17

Spud: 7/31/97

Completed: 8/29/97

Elevation: 5924' GL

12.25" hole

8-5/8" 23#, Casing set @ 139'  
Cement with 75 sxs, circulated to surface

**Perforate @ 189'**

**Plug #2: 189' - 0'**  
Class B cement, 65 sxs

TOC did not circulate

Fruitland @ 840'

**Plug #1: 1100' - 790'**  
Class B cement, 41 sxs

**Set CR @ 1100'**  
(Note: XTO owns PC/ FtC mnierals)

DV Tool @ 1142'

NOTE: Pre-perf casing across  
main Fruitland Coal Perforations:  
1156' - 1196'

Pictured Cliffs @ 1206'

7-7/8" hole

5.5", 14#, K-55 Casing set @ 1240'  
Cement with 165 sxs

TD 1260'  
PBD 1240'