

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  
June 19, 2008

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

WELL API NO. <b>30-045-29825</b>
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. <b>E6714-8</b>
7. Lease Name or Unit Agreement Name: <b>WF STATE 32</b>
8. Well Number <b>#1</b>
9. OGRID Number <b>5380</b>
10. Pool name or Wildcat <b>FRUITLAND SAND PICTURED CLIFFS</b>

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 <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other	7. Lease Name or Unit Agreement Name: <b>WF STATE 32</b>
2. Name of Operator <b>XTO Energy Inc.</b>	8. Well Number <b>#1</b>
3. Address of Operator <b>382 CR 3100 Aztec, NEW MEXICO 87410</b>	9. OGRID Number <b>5380</b>
4. Well Location Unit Letter <b>O</b> : <b>1150'</b> feet from the <b>SOUTH</b> line and <b>1670'</b> feet from the <b>EAST</b> line Section <b>32</b> Township <b>30N</b> Range <b>14W</b> NMPM County <b>SAN JUAN</b>	10. Pool name or Wildcat <b>FRUITLAND SAND PICTURED CLIFFS</b>
11. Elevation (Show whether DR, RKB, RT, GR, etc.) <b>5436' GL</b>	

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 COMPL ☐  
DOWNHOLE COMMINGLE ☐

OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐  
COMMENCE DRILLING OPNS. ☐ P AND A ☐  
CASING/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 and abandon this well per the attached procedure and will be using a Closed Loop System. Please see also, the attached current and proposed wellbore diagrams.

Add Fruitland top plug from 672-572

OIL CONS. DIV DIST. 3

Notify NMOCD 24 hrs  
prior to beginning  
operations

JUL 02 2014

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 Kristen D. Babcock TITLE REGULATORY ANALYST DATE 07/01/2014  
Type or print name KRISTEN D. BABCOCK E-mail address: kristen\_babcock@xtoenergy.com PHONE 505-333-3206

For State Use Only

APPROVED BY [Signature] TITLE Deputy Oil & Gas Inspector, District #3 DATE 7/7/14  
Conditions of Approval (if any): PV

**WF State 32 #1  
Sec 32, T 30 N, R 14 W  
San Juan County, New Mexico  
6/23/2014**

**Plug and Abandon Procedure**

**AFE Number:** 1405923  
**Spud Date:** 2/22/1999  
**Surface Casing:** 7", 20#, J-55 csg @ 130'. Cmt'd w/50 sx. Circ 5 bbls cmt to surf.  
**Production Casing:** 4-1/2", 10.5#, J-55 csg @ 1,100'. Cmt'd w/115 sx. Circ 10 bbls cmt to surf.  
*Capacity: .0159 bbls/ft or .6699 gal/ft*  
**Production Tubing:** 2-3/8" string  
**Rod String:** 3/4" string  
**Pump:** 1-1/2" rod insert pump  
**Perforations:** Pictured Cliffs: 905' – 920'  
**PBTD:** 1,059'  
**Recent Production:** INA since 8/28/2009. 8 mcfpd, 9 bwpd.

*\*Notify NMOCD & BLM 24 hours prior to beginning plugging operations\**

1. Check for COA's and approved NOI before beginning operations.
2. Test rig anchors.
3. Set flowback tank.
4. MIRU completion rig. Review JSA.
5. Kill well.
6. TOH & LD rods & pump.
7. ND WH. NU & FT BOP.
8. TOH & LD tubing.
9. TIH 3-7/8" bit & 3-7/8" string mill to 905' on 2-3/8" workstring. TOH.
10. TIH 4-1/2" CR and set @ ±865'. PT tubing. Sting out of CR and circulate hole clean.

11. PT casing and CR to 550 psig. If casing does not test, contact engineer.
12. MIRU cement truck. Review JSA.
13. **Perforation Isolation Plug (865' – 815'):** Pump 10 sx Class "B" cement (15.6 ppg, 1.18 cuft/sx yield) down tubing and spot a balanced plug from 865' – 815' (volume calculated with 50' excess).
14. **Fruitland Coal Top & Surface Plug (210' – Surface):** Pump 20 sx Class "B" cement (15.6 ppg, 1.18 cuft/sx yield) down tubing and spot a balanced plug from 210' – Surface' (volume calculated with 50' excess).
15. TOH & LD tubing.
16. RDMO cement truck.
17. WOC 4 hours.
18. Cut off WH. Fill in casing as needed with cement. Install above ground P&A marker.
19. Cut off anchors and reclaim location.

## **Checklist**

### **Regulatory:**

1. NOI to P&A on form C-103
2. Submit a post-work sundry on form C-103 which details the P&A work and location work within 30 days of completing all required restoration work.

### **Equipment:**

1. 1 flowback tank
2. 1,000' 2-3/8" workstring
3. 4-1/2" cement retainer
4. 3-7/8" string mill
5. 30 sx Class "B" cement
6. 1 above ground marker

### **Services:**

1. Completion rig
2. Cement truck



Well Name: WF State 32-01

API/UWI	E/W Dist (ft)	E/W Ref	N/S Dist (ft)	N/S Ref	Location	Field Name	County	State/Province
30045298250000	1,670.0	FEL	1,150.0	FSL	T30N-R14W-S32	Twin Mounds Pictured Cliffs	San Juan	New Mexico
Well Configuration Type	XTO ID B	Orig KB Elev (ft)	Gr Elev (ft)	KB-Grd (ft)	Spud Date	PBTD (All) (ftKB)	Total Depth (ftKB)	Method Of Production
Vertical	77676	5,441.00	5,436.00	5.00	2/22/1999	Original Hole - 1059.0	1,108.0	Beam

Well Config: Vertical - Original Hole, 6/25/2014 8:45:17 AM

Schematic - Actual		Incl	ftKB (TVD)	ftKB (MD)	Zone	Top (ftKB)	Btm (ftKB)		
					Fruitland Sand	905.0	920.0		
<b>Casing Strings</b>									
Casing Description	OD (in)	Wt (lbs/ft)	String Grade	Top Connection	Set Depth (ftKB)				
Surface	7	20.00	J-55		135.0				
Casing Description	OD (in)	Wt (lbs/ft)	String Grade	Top Connection	Set Depth (ftKB)				
Production	4 1/2	10.50	J-55		1,105.0				
<b>Cement</b>									
Description	Type		String						
Production Casing Cement	casing		Production, 1,105.0ftKB						
Comment									
Description	Type		String						
Surface Casing Cement	casing		Surface, 135.0ftKB						
Comment									
<b>Perforations</b>									
Date	Top (ftKB)	Btm (ftKB)	Shot Dens (shots/ft)	Hole Diameter (in)	Phasing (°)	Curr... Status	Zone		
3/17/1999	905.0	920.0	3.0				Fruitland Sand		
<b>Tubing Strings</b>									
Tubing Description		Run Date			Set Depth (ftKB)				
Tubing - Production					987.6				
<b>Tubing Components</b>									
Item Description	Jts	Model	OD (in)	Wt (lbs/...)	Gra...	Top Thread	Len (ft)	Top (ftKB)	Btm (ftKB)
Tubing		T&C Non-...	2 3/8	4.60	J-55		951.46	5.0	956.5
Seat Nipple			2 3/8				1.10	956.5	957.6
OEMA			2 3/8	4.70	J-55		30.00	957.6	987.6
<b>Rods</b>									
Rod Description		Run Date		String Length (ft)		Set Depth (ftKB)			
Rod String				974.50		960.0			
<b>Rod Components</b>									
Item Description	Jts	Model	OD (in)	Grade	Len (ft)	Top (ftKB)	Btm (ftKB)		
Polished Rod			1 1/4		22.00	-14.5	7.5		
Rod Sub	2		3/4 96		12.00	7.5	19.5		
Sucker Rod	35	WCN-96	3/4 96		875.00	19.5	894.5		
Sinker Bar			1 1/2 C		25.00	894.5	919.5		
Shear Tool - 21K	1		3/4		0.50	919.5	920.0		
Sinker Bar			1 1/2 C		25.00	920.0	945.0		
Lift Sub	1		1		1.00	945.0	946.0		
Spiral Rod Guide			3/4		2.00	946.0	948.0		
Rod Insert Pump			1 1/2		12.00	948.0	960.0		
<b>Stimulations &amp; Treatments</b>									
Frac Start Date	Top Perf (ft...)	Bottom Pe...	V (slurry) (...)	Total Prop...	AIR (b...	ATP (psi)	MTP (psi)	ISIP (psi)	
3/18/1999	905	920							
Comment									

WF Federal 32 #1  
Sec 32, T 30 N, R 14 W  
San Juan County, New Mexico

Proposed P&A Diagram

