

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>30-045-25750</b>
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name: <b>FOOTHILLS B</b>
8. Well Number <b>#1</b>
9. OGRID Number <b>5380</b>
10. Pool name or Wildcat <b>WC FOOTHILLS FRUITLAND SAND</b>
11. Elevation (Show whether DR, RKB, RT, GR, etc.) <b>5620' GR</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
2. Name of Operator <b>XTO ENERGY INC.</b>
3. Address of Operator <b>382 CR 3100 AZTEC, NM 87410</b>
4. Well Location Unit Letter <b>J</b> : <b>1390</b> feet from the <b>SOUTH</b> line and <b>1650</b> feet from the <b>EAST</b> line Section <b>20</b> Township <b>30N</b> Range <b>12W</b> NMPM <b>NMPM</b> County <b>SAN JUAN</b>
11. Elevation (Show whether DR, RKB, RT, GR, etc.) <b>5620' GR</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. proposes 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.

RCVD FEB 12 '14  
OIL CONS. DIV.  
DIST. 3

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 *Sherry J. Morrow* TITLE LEAD REGULATORY ANALYST DATE 2/11/2014  
sherry\_morrow@xtoenergy.com  
Type or print name SHERRY J. MORROW E-mail address: sherry\_morrow@xtoenergy.com PHONE 505-333-3630

For State Use Only

APPROVED BY *[Signature]* TITLE Deputy Oil & Gas Inspector, District #3 DATE 3/11/14  
Conditions of Approval (if any): FV

BRB \_\_\_\_\_  
MTG \_\_\_\_\_  
Approved \_\_\_\_\_

**Foothills B #1  
Sec 20, T 30 N, R 12 W  
San Juan County, New Mexico  
1/31/2014**

**Plug and Abandon Procedure**

**AFE Number:** 1401217

**Spud Date:** 9/12/1983

**Surface Casing:** 7", 23#, J-55 csg @ 85'. Cmt'd w/83 sx. Circ 13 sx cmt to surf.

**Production Casing:** 2-7/8", 6.4# csg @ 1,830'. Cmt'd w/260 sx (lead) & 93 sx (tail). Circ 94 sx cmt to surf.  
*Capacity: .00579 bbls/ft or .2431 gal/ft*

**Perforations:** Pictured Cliffs: 1,723' – 1,731' (CIBP @ 1,650', never been produced)  
Fruitland Sand: 1,373' – 1,383'

**PBTD:** 1,797'

**Recent Production:** INA since 10/31/2008. 7 mcfpd, T 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. MIRU WLU. Review JSA.
7. RIH with gauge ring to 1,373'. POH.
8. RIH with 2-7/8" CR and set @  $\pm 1,323'$ . POH.
9. RDMO WLU.
10. TIH 1-1/4" tubing and circulate casing 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 & Fruitland Coal Top Plug (1,323' – 1,100'):** Pump 10 sx Class "B" cement (15.6 ppg, 1.18 cuft/sx yield) down tubing and spot balanced plug from 1,353' – 1,100' (volume calculated with 50' excess).
14. **Kirtland & Ojo Alamo Top Plug & Casing Shoe Plug (400' - Surface):** Pump 15 sx Class "B" cement (15.6 ppg, 1.18 cuft/sx yield) down tubing and spot a balanced plug from 400' - 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. 1,400' – 1-1/4" workstring
3. 1 – gauge ring
4. 1 – 2-7/8" Cement retainer
5. 25 sx Class "B" cement
6. 1 above ground marker

### **Services:**

1. Completion rig
2. Cement truck
3. WLU



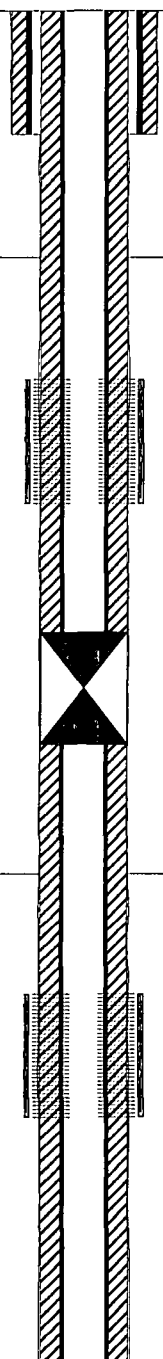
## XTO - Wellbore Diagram

Current

Well Name: Foothills B 01

API/UWI	E/W Dist (ft)	E/W Ref	N/S Dist (ft)	N/S Ref	Location	Field Name	County	State/Province
30045257500000	1,650.0	FEL	1,390.0	FSL	T30N-R12W-S20	WC Foothills Fruitland Sand	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	67989		5,620.00		9/12/1983	Original Hole - 1797.0	1,830.0	Flowing

Well Config: Vertical - Original Hole, 1/30/2014 11:15:18 AM

Schematic - Actual		Incl	ftKB (TVD)	ftKB (MD)	Zone		Top (ftKB)		Btm (ftKB)				
					Fruitland Sand		1,373.0		1,383.0				
					Pictured Cliffs		1,723.0		1,731.0				
				0	Casing Strings								
					Casing Description		OD (in)	Wt (lbs/ft)	String Grade	Top Connection	Set Depth (ftK...		
					Surface		7	23.00	J-55		85.0		
					Casing Description		OD (in)	Wt (lbs/ft)	String Grade	Top Connection	Set Depth (ftK...		
					Production		2 7/8	6.50	J-55		1,830.0		
				85	Cement								
					Description		Type	String					
					Surface Casing Cement		casing	Surface, 85.0ftKB					
					Comment		100 cu ft CI B Circ 16 cu ft to surf						
					Description		Type	String					
					Production Casing Cement		casing	Production, 1,830.0ftKB					
					Comment		313 cu ft 65/35 Poz, 108 cu ft 50/50 Poz						
				1,368	Perforations								
					Date	Top (ftKB)	Btm (ftKB)	Shot Dens (shots/ft)	Hole Diameter (in)	Phasing (*)	Curr... Status	Zone	
					4/25/1984	1,373.0	1,383.0	2.0				Fruitland Sand	
					4/25/1984	1,723.0	1,731.0	2.0				Pictured Cliffs	
				1,383	Tubing Strings								
					Tubing Description		Run Date	Set Depth (ftKB)					
					Tubing Components								
					Item Description	Jts	Model	OD (in)	Wt (lbs/...	Gra...	Top Thread	Len (ft)	Top (ftKB)
				1,650	Rods								
					Rod Description		Run Date	String Length (ft)		Set Depth (ftKB)			
					Rod Components								
					Item Description	Jts	Model	OD (in)	Grade	Len (ft)	Top (ftKB)	Btm (ftKB)	
				1,652	Stimulations & Treatments								
					Frac Start Date	Top Perf (ft...	Bottom Pe...	V (slurry) (...)	Total Prop...	AIR (b...	ATP (psi)	MTP (psi)	ISIP (psi)
					4/24/1984								
					Comment		22,700 Gal foam, 12,400 lb 10/20 sand						
				1,713	Frac Start Date	Top Perf (ft...	Bottom Pe...	V (slurry) (...)	Total Prop...	AIR (b...	ATP (psi)	MTP (psi)	ISIP (psi)
					4/24/1984								
					Comment		31,250 gal 70% foam & 30,000# 10/20 sand						
				1,723									
				1,731									
				1,797									
				1,830									

**Proposed P&A**  
**Foothills B #1**

**Wildcat Fruitland Sand**  
**1.390' FSL. 1.650' FEL. Section 20. T-30-N. R-12-W.**  
**San Juan County, NM / API #30-045-25750**

Today's Date: 02/17/10  
Spud: 09/12/83  
Completed: 04/25/84  
Elevation: 5,620' GI

8.75" hole

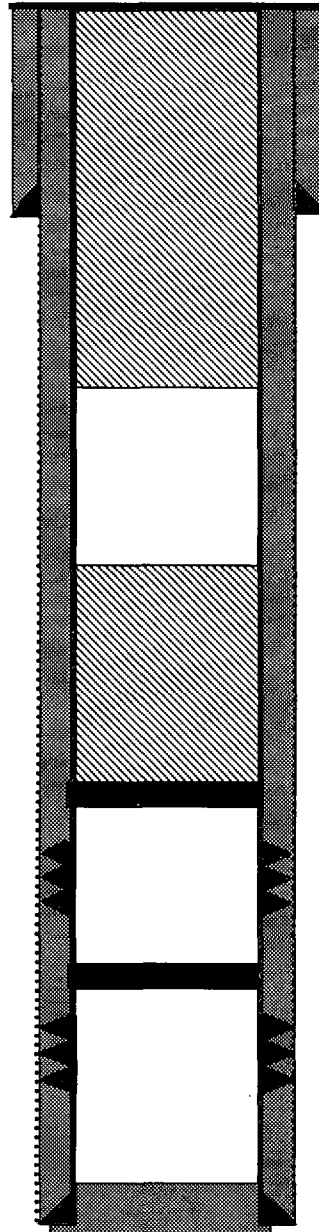
Ojo Alamo @ 223'

Kirtland @ 350'

Fruitland @ 1,150'

Pictured Cliffs @ 1,711'

5.25" hole



7" 23#, Casing set @ 85'  
Cement wi/83 sxs  
Circ 13 sx cmt to surf

**Plug #2: 400'- Surface**  
Class B Cement, 15 sxs

**Plug #1: 1,323'- 1,100'**  
Class B Cement, 10 sxs

**Set CR @ 1,323'**

Fruitland Sand Perforations:  
1,373' ~ 1,383'

**CIBP @ 1,650'**

Fruitland Sand Perforations:  
1,723' ~ 1,731'

2.875" 6.4#, J-55 Casing set @ 1,830'  
Cement with 253 sxs  
Circ 94 sx cmt to surf