

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB NO. 1004-0137  
Expires July 31, 2010

**SUNDRY NOTICES AND REPORTS ON WELLS**

*Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.*

**SUBMIT IN TRIPLICATE - Other instructions on page 2**

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. <b>NMM-028226C</b>
2. Name of Operator <b>XTO ENERGY INC.</b>		6. If Indian, Allottee or Tribe Name
3a. Address <b>382 CR 3100 AZTEC, NM 87410</b>	3b. Phone No. (include area code) <b>505-333-3630</b>	7. If Unit or CA/Agreement, Name and/or No.
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) <b>1435' FNL &amp; 770' FEL SENE SEC.10 (H) -T30N-R13W N.M.P.M.</b>		8. Well Name and No. <b>JF BELL #5</b>
		9. API Well No. <b>30-045-32327</b>
		10. Field and Pool, or Exploratory Area <b>BASIN FRUITLAND COAL</b>
		11. County or Parish, State <b>SAN JUAN NM</b>

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input checked="" type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the final site is ready for final inspection.)

**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 and surface reclamation plan.**

RCVD FEB 5 '14  
OIL CONS. DIV.  
DIST. 3

**Notify NMOCD 24 hrs  
prior to beginning  
operations**

14. I hereby certify that the foregoing is true and correct Name (Printed/Typed) <b>SHERRY J. MORROW</b>	Title <b>REGULATORY ANALYST</b>
Signature <i>Sherry J. Morrow</i>	Date <b>1/28/2014</b>

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by Original Signed: Stephen Mason	Title	Date <b>FEB 03 2014</b>
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office	

NMOCD

**JF Bell #5**  
**Sec 10, T 30 N, R 13 W**  
**San Juan County, New Mexico**  
**1/21/2014**

**Plug and Abandon Procedure**

**Spud Date:** 7/9/2004

**Surface Casing:** 7", 20#, J-55 csg @ 201'. Cmt'd w/100 sx. Circ 6 bbls cmt to surf.

**Production Casing:** 4-1/2", 10.5#, J-55 csg @ 2,076'. Cmt'd w/125 sx (lead) & 80 sx (tail). Circ 30 bbls cmt to surf.  
*Capacity: .0159 bbls/ft or .6699 gal/ft*

**Production Tubing:** 61 jts 2-3/8", 4.7#, J-55, 8rd EUE tbg, SN & 2-3/8" x 30' OEMA. SN @ 1,923'. EOT @ 1,945'.

**Rod String:** 1-1/4" x 16' PR w/8' lnr, 2 - 3/4" rod subs (4' & 6'), 74 - 3/4" rods, 3/4" x 4' stabilizer bar, 1 - 1-1/4" sb, 21K shear tl, 3/4" x 4' stabilizer bar, 1 - 1-1/4" sb 1" x 1' LS, SRG & 2" x 1-1/2" x 10' RWAC-Z (DV) HVR pmp w/1" x 1' strnr nip.

**Perforations:** Fruitland Coal: 1,810' - 1,864'

**PBTD:** 2,033'

**Recent Production:** Has downhole failure. INA since 4/22/2013. 25 mcfpd, 0 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. TOH rods & pump. ND WH. NU & FT BOP. TOH tubing.
6. TIH with 3-7/8" bit & 3-7/8" string mill to 1,810'. TOH.
7. TIH 4-1/2" CR and set @  $\pm 1,760'$ . PT tubing. Sting out of CR & circulate hole clean.
8. PT casing and CR to 550 psig. If casing does not test, contact engineer.
9. MIRU cement truck. Review JSA.

10. **Perforation Isolation & Fruitland Coal Top Plug (1,760' - <sup>1450</sup>1,544')**: Pump 25 sx Class "B" cement (15.6 ppg, 1.18 cuft/sx yield) down tubing and spot balanced plug from 1,760' - <sup>1450</sup>1,544' (volume calculated with 50' excess).
11. **Casing Shoe Plug (<sup>454</sup>251' - Surface)**: Pump 25 sx Class "B" cement (15.6 ppg, 1.18 cuft/sx yield) down tubing and spot a balanced plug from <sup>454</sup>251' - Surface (volume calculated with 50' excess).
12. TOH & LD tubing.
13. RDMO cement truck.
14. WOC 4 hours.
15. Cut off WH. Fill in casing as needed with cement. Install above ground P&A marker.
16. Cut off anchors and reclaim location.

## Checklist

### Regulatory:

1. NOI to P&A on form C-103 & 3160-5
2. Submit a post-work sundry on form C-103 & 3160-5 which details the P&A work and location work within 30 days of completing all required restoration work.
3. BLM Surface Reclamation Plan

### Equipment:

1. 1 flowback tank
2. 1,850' - 2-3/8" workstring if production tubing doesn't PT
3. 1 - 3-7/8" bit
4. 1 - 3-7/8" string mill
5. 1 - 4-1/2" Cement retainer
6. 50 sx Class "B" cement
7. 1 above ground marker

### Services:

1. Completion rig
2. Cement truck



# XTO - Wellbore Diagram

## Current

Well Name: **JF Bell 05**

API/UWI 30045323270000	E/W Dist (ft) 770.0	E/W Ref FEL	N/S Dist (ft) 1,435.0	N/S Ref FNL	Location T30N-R13W-S10	Field Name Basin Fruitland Coal	County San Juan	State/Province New Mexico
Well Configuration Type Vertical	XTO ID B 68890	Orig KB Elev (ft) 5,827.00	Gr Elev (ft) 5,821.00	KB-Grd (ft) 6.00	Spud Date 7/8/2004	PBTD (All) (ftKB) Original Hole - 2033.0	Total Depth (ftKB) 2,084.0	Method Of Production Beam

Well Config: Vertical - Original Hole, 1/16/2014 2:25:03 PM

Schematic - Actual		Incl	ftKB (TVD)	ftKB (MD)	Zones					
					Zone: Fruitland Coal Top (ftKB): 1,810.0 Btm (ftKB): 1,864.0					
					<b>Casing Strings</b>					
	Casing Description	OD (in)	Wt (lbs/ft)	String Grade	Top Connection	Set Depth (ftKB)				
6	Surface	7	20.00	J-55	ST&C	201.0				
9	Production	4 1/2	10.50	J-55	ST&C	2,075.9				
					<b>Cement</b>					
	Description	Type	String							
19	Surface Casing Cement	casing	Surface, 201.0ftKB							
39	Comment									
117	Description									
200	Production Casing Cement	casing	Production, 2,075.9ftKB							
201	Comment									
					<b>Perforations</b>					
	Date	Top (ftKB)	Btm (ftKB)	Shot Dens (shots/ft)	Hole Diameter (in)	Phasing (°)	Curr... Status	Zone		
1,555	8/3/2004	1,810.0	1,814.0	3.0				Fruitland Coal		
1,570	8/3/2004	1,857.0	1,864.0	3.0				Fruitland Coal		
1,594										
					<b>Tubing Strings</b>					
	Tubing Description	Run Date	Set Depth (ftKB)							
1,810	Tubing - Production	10/30/2009	1,954.1							
1,814										
					<b>Tubing Components</b>					
	Item Description	Jts	Model	OD (in)	Wt (lbs/ft)	Gra...	Top Thread	Len (ft)	Top (ftKB)	Btm (ftKB)
1,857	Tubing	1	T&C Upset	2 3/8	4.70	J-55	8RD EUE	32.90	6.0	38.9
1,864	Tubing	60	T&C Upset	2 3/8	4.70	J-55	8RD EUE	1,884.01	38.9	1,922.9
1,868	Seat Nipple	1		2 3/8	4.70	J-55	8RD EUE	1.10	1,922.9	1,924.0
1,873	OEMA	1		2 3/8	4.70	J-55	8RD EUE	30.10	1,924.0	1,954.1
1,898										
1,899						<b>Rods</b>				
	Rod Description	Run Date	String Length (ft)		Set Depth (ftKB)					
1,903	Rod String	4/4/2012	1,947.00		1,940.0					
1,923										
					<b>Rod Components</b>					
	Item Description	Jts	Model	OD (in)	Grade	Len (ft)	Top (ftKB)	Btm (ftKB)		
1,924	Polished Rod	1		1 1/4		16.00	-7.0	9.0		
1,927	Rod Sub	2		3/4	D	10.00	9.0	19.0		
1,927	Sucker Rod	74		3/4	D	1,850.00	19.0	1,869.0		
1,928	Sucker Rod w/Molded Guides	1		3/4	D	4.00	1,869.0	1,873.0		
1,929	Sinker Bar	1		1 1/4	C	25.00	1,873.0	1,898.0		
1,939	Shear Tool - 21K	1		3/4		0.50	1,898.0	1,898.5		
1,940	Sucker Rod w/Molded Guides	1		3/4	D	4.00	1,898.5	1,902.5		
1,954	Sinker Bar	1		1 1/4	C	25.00	1,902.5	1,927.5		
2,032	Lift Sub	1		1	D	1.00	1,927.5	1,928.5		
2,032	Spiral Rod Guide	1		3/4	D	0.50	1,928.5	1,929.0		
2,033	Rod Insert Pump	1		1 1/2		10.00	1,929.0	1,939.0		
2,033	Strainer Nipple	1		1		1.00	1,939.0	1,940.0		
2,063										
					<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)	
2,075	8/3/2004	1810	1864							
2,076	Comment									
2,076	IHS 297 Well Import									
2,076	Test number: 001									
2,084	Measurement: gal lb									

Top (MD): 1,810, Des: Fruitland Coal

PBTD, 2,033

TD, 2,084

JF Bell #5  
Sec 10, T 30 N, R 13 W  
San Juan County, New Mexico

Proposed P&A Diagram

KB: 5,827'  
GL: 5,821'  
KB CORR: 6'

8-3/4" HOLE

6-1/4" HOLE

7", 20#, J-55 CSG @ 201'  
CMT'D W/100 SX  
CIRC 6 BBLs CMT TO SURF.

**PLUG #2: CMT FR/251' - SURFACE  
(25 SX)**

FRUITLAND COAL TOP @ 1,594'

**PLUG #1: CMT FR/1,760' - 1,544' (25 SX)**

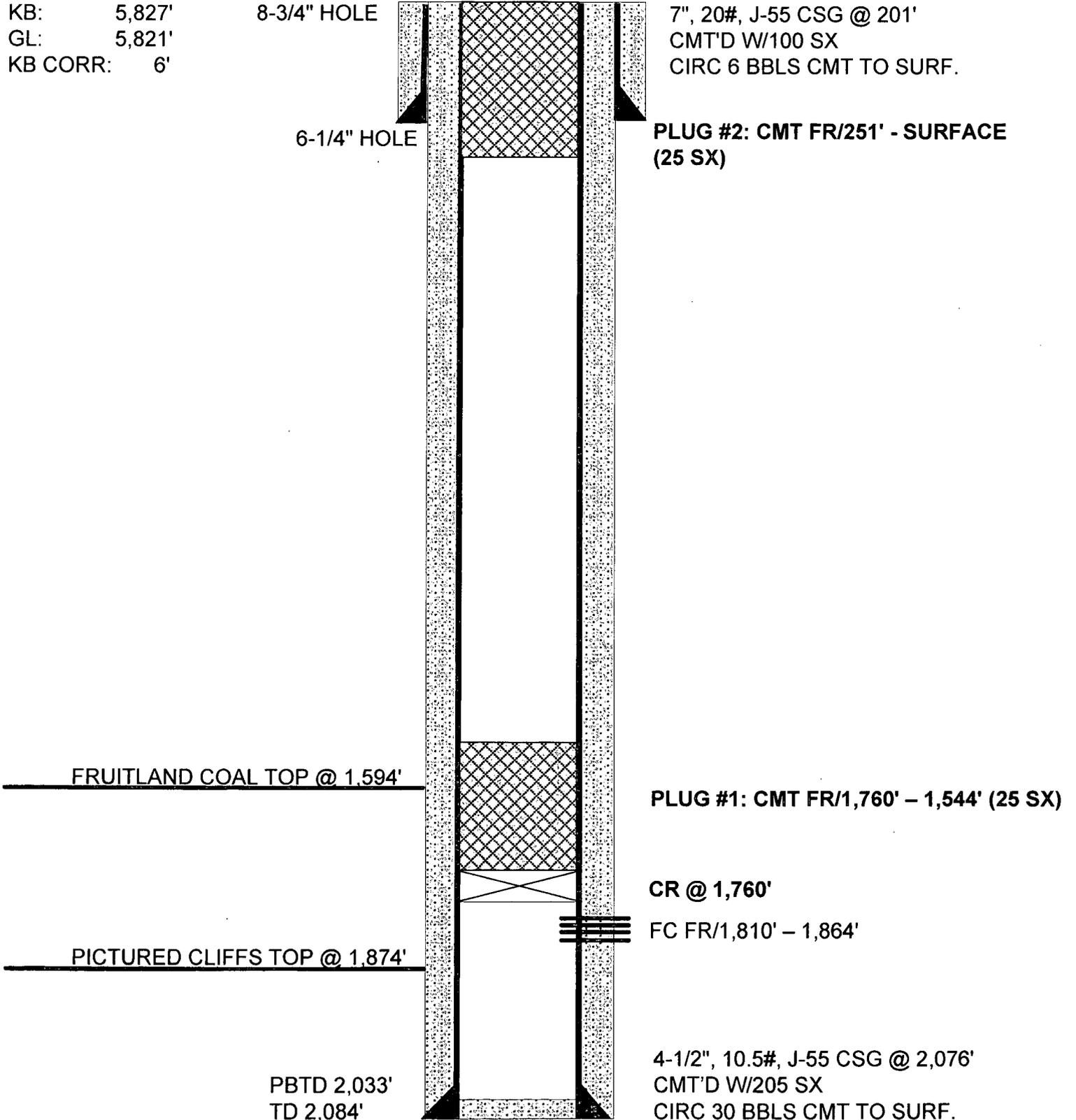
**CR @ 1,760'**

PICTURED CLIFFS TOP @ 1,874'

FC FR/1,810' - 1,864'

PBTD 2,033'  
TD 2,084'

4-1/2", 10.5#, J-55 CSG @ 2,076'  
CMT'D W/205 SX  
CIRC 30 BBLs CMT TO SURF.



UNITED STATES DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
FARMINGTON DISTRICT OFFICE  
6251 COLLEGE BLVD.  
FARMINGTON, NEW MEXICO 87402

Attachment to notice of  
Intention to Abandon:

Re: Permanent Abandonment  
Well: 5 J.F. Bell

CONDITIONS OF APPROVAL

1. Plugging operations authorized are subject to the attached "General Requirements for Permanent Abandonment of Wells on Federal and Indian Lease."
2. Farmington Office is to be notified at least 24 hours before the plugging operations commence (505) 564-7750.
3. The following modifications to your plugging program are to be made:
  - a) Bring the top of the Fruitland plug top to 1450'.
  - b) Place the Kirtland/Ojo Alamo/Surface plug from 454' to surface.

You are also required to place cement excesses per 4.2 and 4.4 of the attached General Requirements.

Office Hours: 7:45 a.m. to 4:30 p.m.