

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

RECEIVED

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

DEC 28 2010

2. Name of Operator

XTO ENERGY INC.

Farmington Field Office

3a. Address

382 CR 3100 AZTEC, NM 87410

3b. Phone No. (include area code)

505-333-3176

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

915' FSL & 1600' FWL SESW SEC. 20 (N) - T30N-R14W N.M.P.M.

5. Lease Serial No.

NMM-19163

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.

WF FEDERAL 20 #1

9. API Well No.

30-045-29649

10. Field and Pool, or Exploratory Area

BASIN FRUITLAND COAL/TWIN

MOUNDS FRUITLAND SAND PC

11. County or Parish, State

SAN JUAN

NM

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

TYPE OF SUBMISSION

- ☒ Notice of Intent
☐ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Acidize ☐ Deepen ☐ Production (Start/Resume) ☐ Water Shut-Off
☐ Alter Casing ☐ Fracture Treat ☐ Reclamation ☐ Well Integrity
☐ Casing Repair ☐ New Construction ☐ Recomplete ☐ Other
☐ Change Plans ☒ Plug and Abandon ☐ Temporarily Abandon
☐ Convert to Injection ☐ Plug Back ☐ 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 recompleat 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 recompleat 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. Please see also, the attached current and proposed wellbore diagrams.

Notify NMOCD 24 hrs
prior to beginning
operations

RCVD JAN 5 '11

OIL CONS. DIV.

DIST. 3

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

LORRI D. BINGHAM

Title REGULATORY ANALYST

Signature

Date 12/27/10

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Original Signed: Stephen Mason

Title

Date

JAN 03 2011

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

Title 18 U.S.C. Section 1001, and Title 43 U.S.C. Section 1212, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Plug and Abandonment Procedure (BLM Copy)

Surf csg:	7", 20# csg @ 128'. Cmt w/50 sx, circ cmt to surface.
Prod csg:	4-1/2" 10.5#, K-55 csg @ 1,300'. Cmt w/130 sx, circ cmt to surface.
PBTD:	1,247'
Perforations:	Fruitland Coal: 1,079' – 1,089'
	Pictured Cliffs: 1,100' – 1,110'
Tops:	Pictured Cliffs: 1,097'
	Lower Fruitland Coal: 1,079'
	Fruitland: 633'

NOTE: Per the agreement between SJCC and XTO Energy, this well is subject to a special plug and abandonment process. Exact plugging procedures may change upon SJCC's review of procedures.

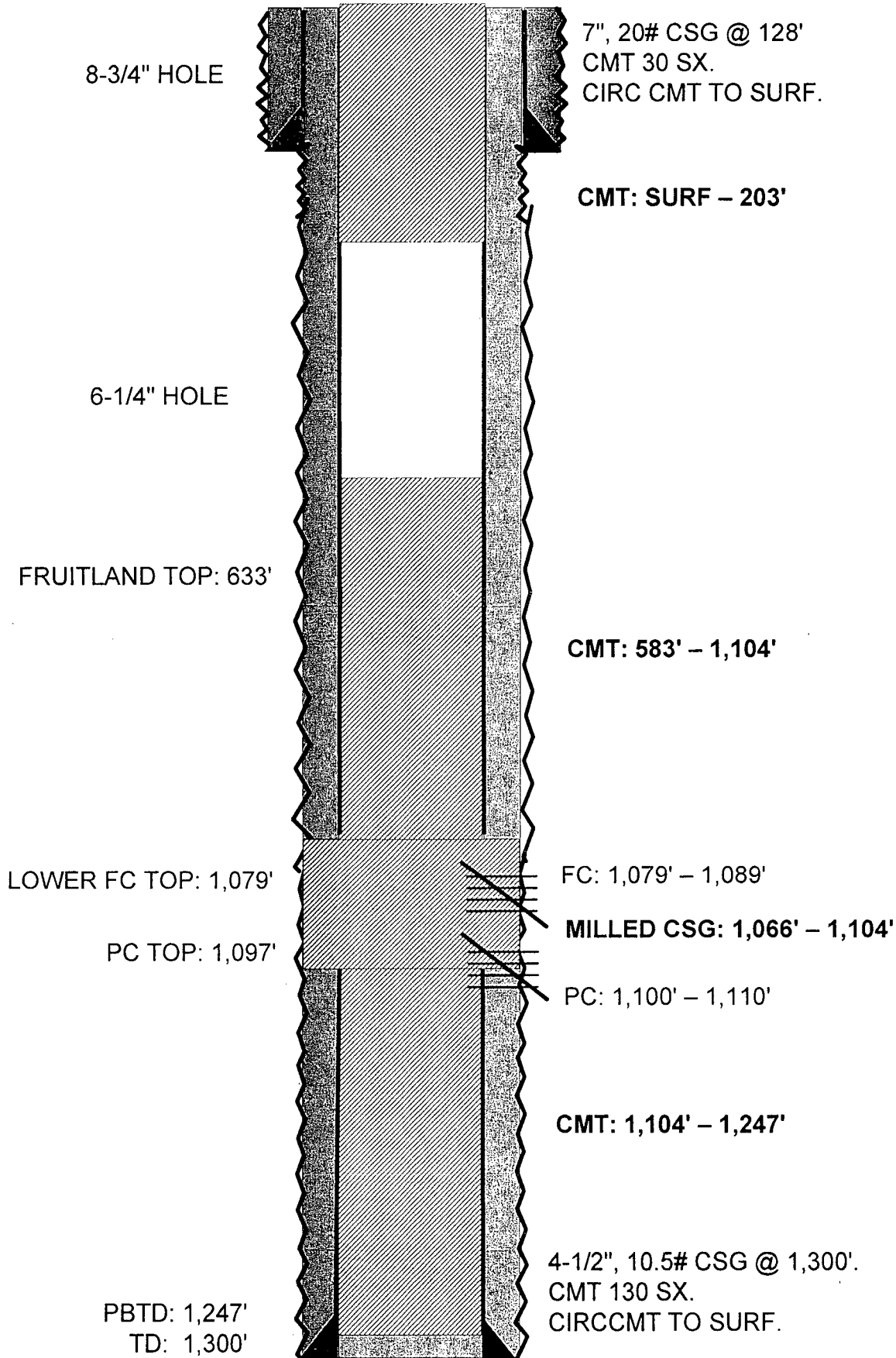
*****Please notify BLM and NMOCD 48 hours prior to beginning plugging operations*****

- 1) Clamp off rods. Remove PU and concrete pad.
- 2) MIRU PU. MIRU flowback tank.
- 3) Confirm the bradenhead holds no pressure. If bradenhead holds pressure, perforate and squeeze as necessary.
- 4) Release on-off tool. TOH & LD rods.
- 5) ND WH. NU BOP
- 6) Pressure tubing to 1,000 psig. Release pressure. TOH with tubing and pump.
- 7) TIH with 3-7/8" bit, 4-1/2" casing scraper, and 2-3/8" tubing to PBTD. Circulate out any fill. TOH.
- 8) MIRU cement equipment.
- 9) **PLUG #1 – PICTURED CLIFFS AND FRUITLAND COAL:**
 - (a) TIH 2-3/8" tubing to 1,245'. Load casing with water and EIR into perms. Pump 50 sx class "B" cement (15.6 lb/gal & 1.18 ft³/sx) down 2-3/8" tubing and spot balance plug from 1,247' to 650'. PUH with tubing to 600'. SI casing and pump down tubing with water and squeeze approximately 30 sx cmt into perforations (TOC will be approximately 1,060').
 - (b) TIH with 3-7/8" mill, 3-1/8" drill collars, and 2-3/8" tubing. Tag TOC. DO cement from 1,060' to 1,115'. Circulate wellbore clean. TOH.
 - (c) TIH with 3-7/8" section mill tool, 3-1/8" drill collars, and 2-3/8" tubing. **Mill out 4-1/2" casing from 1,066' – 1,104'.** Circulate wellbore clean. TOH.

- 10) **PLUG #2 – FRUITLAND COAL AND FRUITLAND:** TIH 2-3/8" tubing to 1,115'. Pump 80 sx class "B" cement (15.6 lb/gal & 1.18 ft³/sx) down 2-3/8" tubing and spot balance plug from 400' – 1,115' (cement volume calculated with 50% excess). TOH. Squeeze cement into Fruitland Coal and Pictured Cliffs intervals. TIH with tubing and tag TOC. Ensure TOC is no lower than 573' (50' coverage over Fruitland top). Pump additional cement to obtain required coverage if necessary.
- 11) **PLUG #3 – 75' BELOW SURFACE CASING SHOE TO SURFACE:** PUH with tubing to 203'. Pump 23 sx class "B" cement (15.6 lb/gal & 1.18 ft³/sx) down 2-3/8" tubing and spot balance plug from surface – 203' (cement volume calculated with 50% excess). TOH.
- 12) ND BOP. Wash out BOP.
- 13) WOC 6 hrs.
- 14) Cut off wellhead. Fill in casing with cement as needed. Install P&A marker that complies with all regulations.
- 15) RDMO PU. RDMO cement equipment.
- 16) Cut off anchors and reclaim location.

XTO ENERGY, INC.
WF FEDERAL 20 #1
PROPOSED P&A WBD
API: 30-045-29649

KB: 5,592'
GL: 5,587'
CORR: 5'





XTO --Wellbore Diagram

Well Name: WF Federal 20-01

API/UWI	E/W Dist (ft)	E/W Ref	N/S Dist (ft)	N/S Ref	Location	Field Name	County	State
30045296490000	1,600.0	FWL	915.0	FSL	T30N-R14W-S20	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	77602	5,592.00	5,587.00	5.00	7/24/1998	Original Hole - 1247.0	1,300.0	Beam

Well Config: Vertical - Original Hole, 12/22/2010 4:38:15 PM

Schematic - Actual		Incl	ftKB (TVD)	ftKB (MD)	Zone	Top (ftKB)	Btm (ftKB)		
					Fruitland Coal	1,079.0	1,089.0		
					Pictured Cliffs	1,100.0	1,110.0		
Casing Strings									
Casing Description		OD (in)	Wt (lbs/ft)	String Grade	Top Connection	Set Depth (ftKB)			
Surface		7	20.00	J-55		128.0			
Casing Description		OD (in)	Wt (lbs/ft)	String Grade	Top Connection	Set Depth (ftKB)			
Production		4 1/2	10.50	J-55		1,300.0			
Cement									
Description		Type		String					
Surface Casing Cement		casing		Surface, 128.0ftKB					
Comment									
Cmt w/50 sx. Circ cmt to surf.									
Description		Type		String					
Production Casing Cement		casing		Production, 1,300.0ftKB					
Comment									
Cmt w/130 sx. Circ cmt to surf.									
Perforations									
Date	Top (ftKB)	Btm (ftKB)	Shot Dens (shots/ft)	Hole Diameter (in)	Phasing (°)	Curr. Status	Zone		
3/23/1999	1,079.0	1,089.0	3.0				Fruitland Coal		
3/18/1999	1,100.0	1,110.0	3.0				Pictured Cliffs		
Tubing Strings									
Tubing Description		Run Date		Set Depth (ftKB)					
Tubing - Production		1/25/2008		1,170.2					
Tubing Components									
Item Description	Jts	Model	OD (in)	Wt (lbs/ft)	Grade	Top Thread	Len (ft)	Top (ftKB)	Btm (ftKB)
Tubing	36	T&C Upset	2 3/8	4.70	J-55		1,134.08	5.0	1,139.1
Seat Nipple	1		2 3/8				1.10	1,139.1	1,140.2
OEMA	1		2 3/8	4.70	J-55		30.00	1,140.2	1,170.2
Rods									
Rod Description		Run Date		String Length (ft)		Set Depth (ftKB)			
Rod String		1/26/2008		1,163.00		1,152.5			
Rod Components									
Item Description	Jts	Model	OD (in)	Grade	Len (ft)	Top (ftKB)	Btm (ftKB)		
Polished Rod	1		1 1/4		22.00	-10.5	11.5		
Sucker Rod	42		3/4	D	1,050.00	11.5	1,061.5		
Sinker Bar	2		1 1/2	K	50.00	1,061.5	1,111.5		
Shear Coupling	1		1 1/2		1.00	1,111.5	1,112.5		
Sinker Bar	1		1 1/2	K	25.00	1,112.5	1,137.5		
Lift Sub	1		1		1.00	1,137.5	1,138.5		
Spiral Rod Guide	1		3/4		1.00	1,138.5	1,139.5		
Rod Insert Pump	1		1 1/2		12.00	1,139.5	1,151.5		
Strainer Nipple	1		1		1.00	1,151.5	1,152.5		
Stimulations & Treatments									
Frac Start Date	Top Perf (ft)	Bottom Perf (ft)	V (slurry) (bbl)	Total Prop. (lb)	AIR (bbl)	ATP (psi)	MTP (psi)	ISIP (psi)	
3/18/1999	1100	1110		40,360.0	29	1,610.0	3.94...	1,010.0	
Comment									
20# linear gel pre-pad & 70Q N2 foamed 20# linear gel carrying 40,360# 16/30 AZ sd									
Frac Start Date	Top Perf (ft)	Bottom Perf (ft)	V (slurry) (bbl)	Total Prop. (lb)	AIR (bbl)	ATP (psi)	MTP (psi)	ISIP (psi)	
3/23/1999	1079	1089		22,684.0	22	1,672.0	4,29...	4,298.0	
Comment									
20# linear gel pre-pad & 70Q N2 foamed 20# linear gel carrying 22,684# 20/40 AZ sd.									
Screen out on 3 ppg sand stage. Design was 40,000# sd (1 - 4 ppg).									

PBTD,
1,247

TD,
1,300

**UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
FARMINGTON DISTRICT OFFICE
1235 LA PLATA HIGHWAY
FARMINGTON, NEW MEXICO 87401**

Attachment to notice of
Intention to Abandon:

Re: Permanent Abandonment
Well: 1 WF Federal 20

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) 599-8907.
3. The following modifications to your plugging program are to be made:
 - a) Bring the top of the Pictured Cliffs/Fruitland plug to 573'.
 - b) You are required to have H2S monitoring equipment and personnel on location during plugging operations.

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.