

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0137
Expires: January 31, 2018

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.

5. Lease Serial No.
NMMN25857

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.
WF FEDERAL 21 2

9. API Well No.
30-045-30156-00-S1

10. Field and Pool or Exploratory Area
TWIN MOUNDS

11. County or Parish, State
SAN JUAN COUNTY, NM

SUBMIT IN TRIPLICATE - Other instructions on page 2

1. Type of Well
☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator
XTO ENERGY INC
Contact: RHONDA SMITH
E-Mail: rhonda_smith@xtoenergy.com

3a. Address
ENGLEWOOD, CO 80112
3b. Phone No. (include area code)
Ph: 505-333-3215

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Sec 21 T30N R14W SENW 1915FNL 1425FWL
36.801604 N Lat, 108.318702 W Lon

12. CHECK THE 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"/> Subsequent Report	<input type="checkbox"/> Deepen
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Production (Start/Resume)
	<input type="checkbox"/> Alter Casing
	<input type="checkbox"/> Hydraulic Fracturing
	<input type="checkbox"/> Reclamation
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Recomplete
	<input type="checkbox"/> Well Integrity
	<input type="checkbox"/> Change Plans
	<input checked="" type="checkbox"/> Plug and Abandon
	<input type="checkbox"/> Temporarily Abandon
	<input type="checkbox"/> Other
	<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 recomple 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 must 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 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.

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.

OIL CONS. DIV DIST. 3

AUG 10 2017

BLM'S APPROVAL OR ACCEPTANCE OF THIS ACTION DOES NOT RELIEVE THE LESSEE AND OPERATOR FROM OBTAINING ANY OTHER AUTHORIZATION REQUIRED FOR OPERATIONS ON FEDERAL AND INDIAN LANDS

SEE ATTACHED FOR CONDITIONS OF APPROVAL

Notify NMOCD 24 hrs
prior to beginning
operations

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

Electronic Submission #382342 verified by the BLM Well Information System

For XTO ENERGY INC, sent to the Farmington

Committed to AFMSS for processing by ABDELGADIR ELMADANI on 07/28/2017 (17AE0274SE)

Name (Printed/Typed) RHONDA SMITH

Title REGULATORY CLERK

Signature (Electronic Submission)

Date 07/25/2017

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By ABDELGADIR ELMANDANI

Title PETROLEUM ENGINEER

Date 07/28/2017

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 Farmington

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make 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.

(Instructions on page 2)

**** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ****

NMOCD

5

PLUG AND ABANDONMENT PROCEDURE

June 28, 2017

WF Federal 21-2

Harper Hill Fruitland Sand PC Ext.
1915' FNL and 1425' FWL, Section 21, T30N, R14W
San Juan County, New Mexico / API 30-045-30156
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 _____, No X, Unknown _____, Size _____, Length _____.
Packer: Yes _____, No X, Unknown _____, Type _____.
If this well has rods or a packer, then modify the work sequence in step #2 as appropriate.
PU tubing workstring to plug well.
4. **Plug #1 (Pictured Cliffs interval and Fruitland top, 1150' – 653'):** PU tubing workstring and RIH with open ended; tag existing CR at 1150'. Circulate well clean. Attempt to pressure test casing to 800 PSI. If casing does not test then spot or tag subsequent plugs as appropriate. Spot 42 sxs Class B cement to isolate PC interval and cover Fruitland top. PUH.
5. **Plug #2 (7" casing shoe, 183' – 0'):** Attempt to pressure test the bradenhead annulus to 300 PSI; note the volume to load. If the BH annulus holds pressure, then establish circulation out casing valve with water. Mix approximately 18 sxs cement and spot a balanced plug from 183' to surface, circulate good cement out casing valve. TOH and LD tubing. Shut well in and WOC. If the BH annulus does not test, then perforate at the appropriate depth and attempt to circulate cement to surface filling the casing from 183' and the annulus from the squeeze holes to surface. 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.

WF Federal 21-2

Current

Harper Hill Fruitland Sand PC Ext.
1915' FNL, 1425' FWL, Section 21, T-30-N, R-14-W,
San Juan County, NM / API #30-045-30156
Lat _____ / Long _____

Today's Date: 6/28/17

Spud: 6/24/00

Completed: 9/30/00

Elevation: 5646' GR

8.75" hole

TOC circulated to surface per sundry notice

7" 20#, J-55 Casing set @ 133'
Cement with 30 sxs, circulated to surface

Fruitland @ 703'

Pictured Cliffs @ 1178'

6.25" hole

Existing CR at 1150' (2010)

Pictured Cliffs Perforations:
1178' - 1192'

4.5", 10.5#, J-55 Casing set @ 1415'
Cement with 145 sxs
Circulate cement to surface

TD 1425'
PBTD 1371'

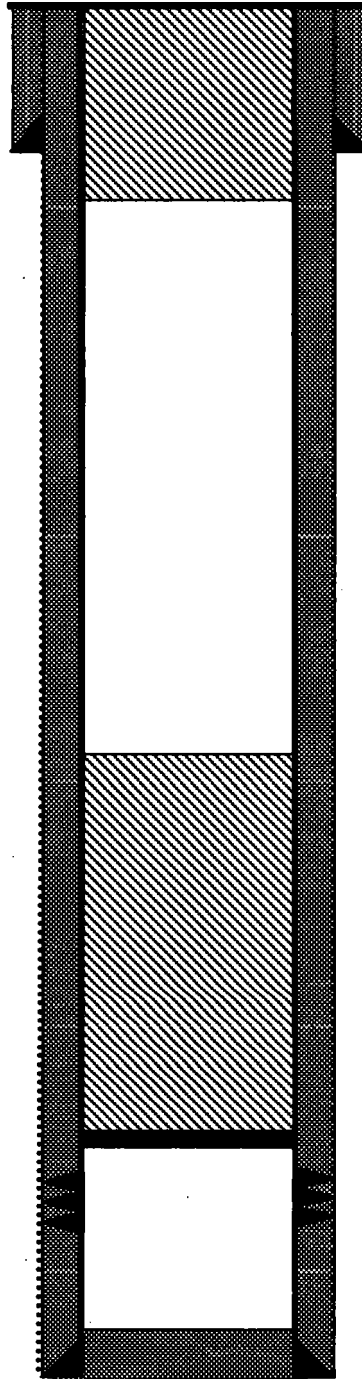
WF Federal 21-2

Proposed P&A

Harper Hill Fruitland Sand PC Ext.
1915' FNL, 1425' FWL, Section 21, T-30-N, R-14-W,
San Juan County, NM / API #30-045-30156
Lat _____ / Long _____

Today's Date: 6/28/17
Spud: 6/24/00
Completed: 9/30/00
Elevation: 5646' GR

8.75" hole



TOC circulated to surface per sundry notice

7" 20#, J-55 Casing set @ 133'
Cement with 30 sxs, circulated to surface

Plug #2: 183' - 0'
Class B cement, 18 sxs

Fruitland @ 703'

Plug #1: 1150' - 653'
Class B cement, 42 sxs

Pictured Cliffs @ 1178'

Existing CR at 1150' (2010)

Pictured Cliffs Perforations:
1178' - 1192'

6.25" hole

4.5", 10.5#, J-55 Casing set @ 1415'
Cement with 145 sxs
Circulate cement to surface

TD 1425'
PBTD 1371'

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: WF Federal 21 #2

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.

Operator reports high concentrations of H₂S at this location. Also high to very high concentrations of H₂S (102 ppm GSV- 10,000 ppm GSV) have been reported in several wells which produced gas from the Fruitland and P.C frms. Within a 1 mile radius of this location. It is imperative that H₂S monitoring and safety equipment be on location during plugging operation at this well site

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.