

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.

RECEIVED

MAY 24 2011

SUBMIT IN TRIPLICATE - Other instructions on page 2

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

XTO ENERGY INC.

3a. Address

382 CR 3100 AZTEC, NM 87410

3b. Phone No. (include area code)

505-333-3100

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

1385' ENL & 765' FWL SANW Sec. 21 (E) - T27N-R11W N.M.P.M.

5. Lease Serial No

NMSF080382A

6. If Indian, Allottee or Tribe Name

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

Arminston Field Office
Bureau of Land Management

8. Well Name and No.

SCHWERTFEGER 21 # 2

9. API Well No

30-045-32277

10. Field and Pool, or Exploratory Area

BASIN FRUITLAND COAL
W. KUTZ PICTURED CLIFFS

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

- | | | | |
|---|--|--|---|
| <input type="checkbox"/> Acidize | <input type="checkbox"/> Deepen | <input type="checkbox"/> Production (Start/Resume) | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Alter Casing | <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Reclamation | <input type="checkbox"/> Well Integrity |
| <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 recomplate 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 recomplate 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. proposes to plug and abandon this well per the attached procedure and wellbore diagrams.

* Increase TOC on plug #1 from 1488' to 1438' (plug 1 = 1860' - 1438')



14 I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

DOLENA JOHNSON

Title

REGULATORY COMPLIANCE TECHNICIAN

Signature

Dolena C Johnson

Date

05/20/2011

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Original Signed: Stephen Mason

Title

Date

MAY 26 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.

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.

A

Schwerdtfeger 21-2

Location: 1385' FNL & 765' FWL, Section 21, T27N, R11W, San Juan County, NM
API: 30-045-32277
Open Perfs: Pictured Cliffs – 1,926'- 1,964'
Fruitland Coal – 1,857'- 1,905'

PLUG AND ABANDONMENT PROCEDURE

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 an approved NMOCD C-144 CLEZ Closed-Loop System Permit for the use of an approved 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. MIRU 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. TOH and LD rods and pump. ND wellhead and NU BOP. Function test BOP. TOH with tubing and LD BHA
3. Round trip a 4-3/4" bit to 1,830'.
4. **Plug #1 (Pictured Cliffs and Fruitland Coal, 1,860' – ¹⁴⁸⁸1,730')**: TIH and set a 5-1/2" CICR at 1,830'. Load casing with water and circulate well clean. Pressure test casing to 1000#. If the casing does not test, then spot or tag subsequent plugs as necessary. Mix cement and pump ~~27~~ sxs Class B cement (10sxs below CICR and ~~17~~ sxs above CICR) to cover the Pictured Cliffs and Fruitland Coal tops. PUH.
5. **Plug #2 (Kirtland and Ojo Alamo tops, 965' - 730')**: Spot 32 sxs Class B cement inside casing to cover the Kirtland and Ojo Alamo tops. PUH
6. **Plug #3 (Casing shoe, 285' – Surface)**: Connect the pump line to the bradenhead valve and attempt to pressure test the BH 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 38 sxs Class B cement and spot a balanced plug inside the casing from 285' to surface, circulate good cement out casing valve. TOH and LD tubing. Shut 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 5-1/2" casing and the BH annulus to surface. Shut well in and WOC.
7. 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.

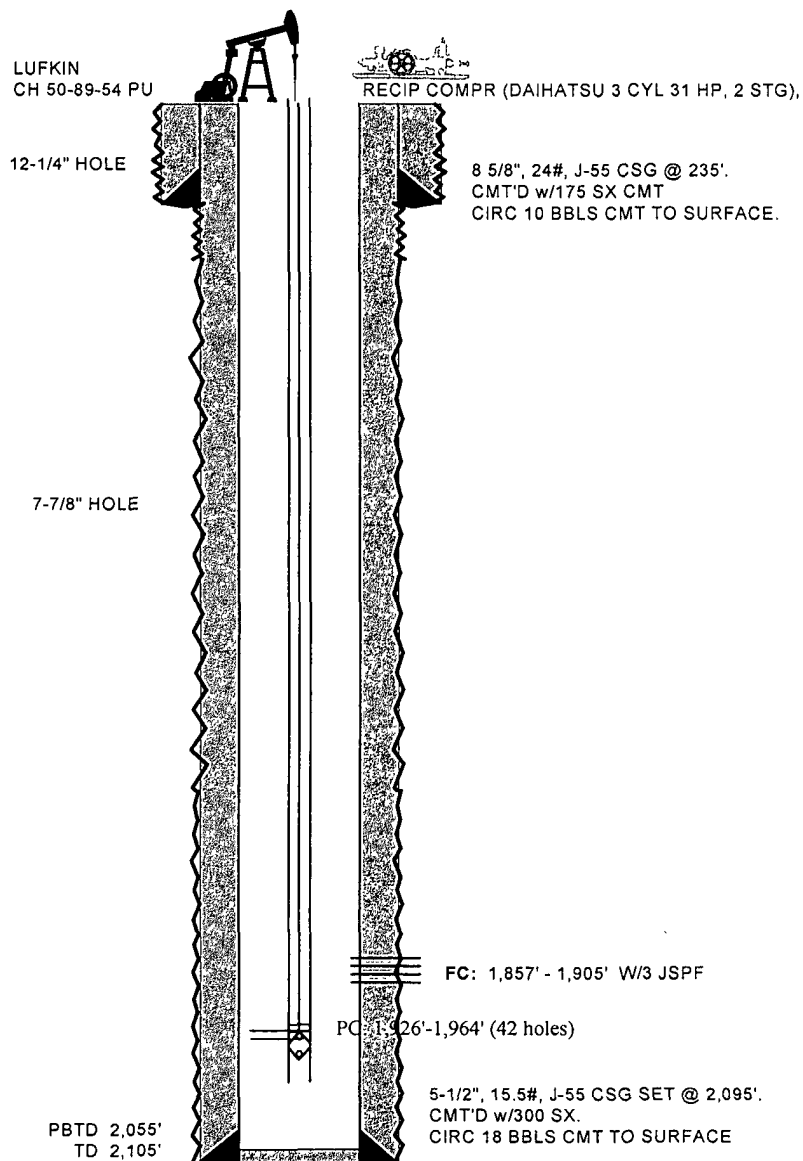
Tops:

Casing shoe	235'	Fruitland Coal	1,375'
Ojo Alamo	780'	Pictured Cliffs	1,913'
Kirtland	915'		

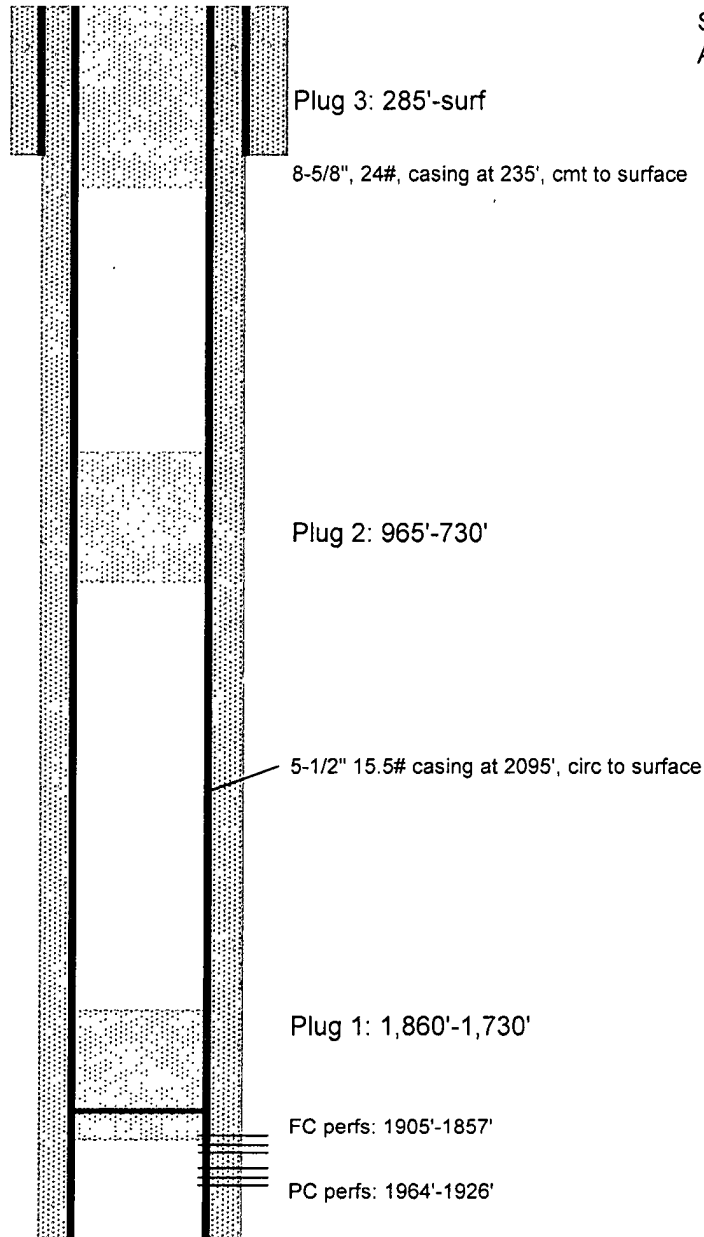
SCHWERDTFEGGER 21 #2

Current Wellbore Diagram

KB: 6,289'
GL: 6,277'
CORR: 12'



Schwerdtfeger #21-2
Sec 21, T27N, R11W
API# 30-045-32277



<u>Tops:</u>	
Casing shoe	235'
Ojo Alamo	780'
Kirtland	915'
Fruitland Coal	1375'
Pictured Cliffs	1913'

**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: 2 Schwerdfeger 21

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 1488'.

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.