

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

RECEIVED

MAR 14 2014

Farmington Field Office
Bureau of Land Management

5. Lease Serial No.

NMSF-078895

6. If Indian, Allottee or Tribe Name

NAVAJO SURFACE

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

8. Well Name and No.

MUDGE A #8R

9. API Well No.

30-045-30519

10. Field and Pool, or Exploratory Area

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

BP

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 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 and will be using a Closed Loop System. Please see also the attached current and proposed wellbore diagrams.

RCVD MAR 19 '14

Notify NMOCD 24 hrs
prior to beginning
operations

OIL CONS. DIV.
DIST. 3

14. I hereby certify that the foregoing is true and correct
Name (Printed/Typed)

SHERRY J. MORROW

Title LEAD REGULATORY ANALYST

Signature

Sherry J. Morrow

Date 3/13/2014

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Original Signed: Stephen Mason

Title

Date

MAR 17 2014

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.

NMOCD

JTB _____
MTG _____
Approved _____

February 21, 2014

PLUG AND ABANDONMENT PROCEDURE
Mudge A 8R

W Kutz Fruitland Coal / W Kutz PC
685' FNL and 1050' FWL, Section 6, T27N, R11W
San Juan County, New Mexico / API 30-045-30519
Lat: 36.60955 N / Lat: 108.04988 W

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 15.8 ppg with a 1.18 cf/sx yield.

1. 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.
2. Rods: Yes X , No _____, Unknown_____.
Tubing: Yes X , No _____, Unknown_____, Size 2.375" , Length 1954'.
Packer: Yes _____, No X , Unknown_____, Type _____.
If this well has rods or a packer, then modify the work sequence in step #2 as appropriate.
4. **Plug #1 (Pictured Cliffs & Fruitland Coal intervals and Fruitland top, 1463' – 1200')**: PU and TIH with 4.5" cement retainer, set at 1463'. Pressure test tubing to 1000 PSI. *Pressure test casing to 800 PSI. If casing does not test, then spot or tag subsequent plug as appropriate.* Mix and pump 36 sxs Class B cement above CR to isolate the Pictured Cliffs and Fruitland Coal intervals and cover the Fruitland top. PUH.
5. **Plug #2 (Kirtland and Ojo Alamo tops, 800' – 590')**: Mix and pump 30 sxs Class B cement and spot a balanced plug inside casing to cover the Kirtland and Ojo Alamo tops. PUH.
6. **Plug #3 (8 5/8" Surface casing, 325' – Surface)**: Attempt to pressure test the bradenhead annulus to 300#. If the BH annulus holds pressure, then establish circulation out casing valve with water. Mix approximately 40 sxs Class B cement and spot a balanced plug from 325' 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 and the annulus.
7. ND cementing valves and cut off wellhead. Fill 4.5" casing with cement as necessary. Install P&A marker to comply with regulations. RD, MOL, cut off anchors, and restore location.

Mudge A 8R

Current

W Kutz Fruitland Coal / W Kutz PC
685' FNL, 1050' FWL, Section 6, T-27-N, R-11-W,
San Juan County, NM / API #30-045-30519
Lat 36.60955 N / Long 108.64988 W

Today's Date: 1/19/14

Spud: 9/30/2004

Completed: FC- 10/22/04

PC- 11/17/11

12 1/4" hole

Elevation: 6058' GL

6065' KB

Ojo Alamo @ 649'

Kirtland @ 747'

Fruitland @ 1251'

Pictured Cliffs @ 1836'

7 7/8" hole

8 5/8" 24#, J-55 Casing set @ 275'

Cement with 160 sxs, 14 BBL circ to surface

2.375" tubing at 1954', 3/4" rods & pump
62 jts, w/ OEMA, SN @ 1953')

Fruitland Coal Perforations:
1513'-1767', 1812'-30'

Pictured Cliffs Perforations:
1840'-1911'

5.5", 15.5#, J-55 Casing set @ 2040'
Cement with 290 Total sxs
Circulate 16 BBL to surface

TD 2050'
PBD 2018'

Mudge A 8R
Proposed P&A

W Kutz Fruitland Coal / W Kutz PC
685' FNL, 1050' FWL, Section 6, T-27-N, R-11-W,
San Juan County, NM / API #30-045-30519
Lat 36.60955 N / Long 108.64988 N

Today's Date: 2/19/14
Spud: 9/30/2004
Completed: FC- 10/22/04
PC- 11/17/11

Elevation: 6058" GL
6065' KB

12 1/4" hole

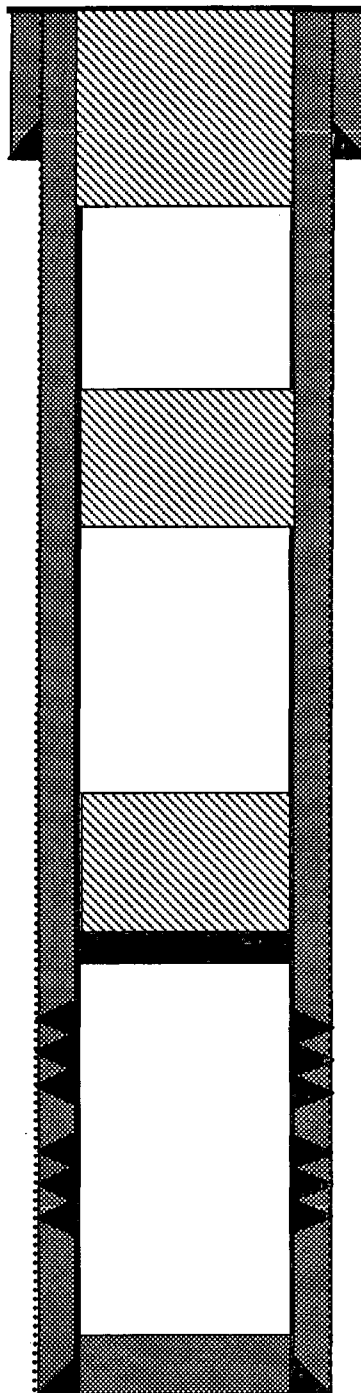
Ojo Alamo @ 649'

Kirtland @ 747'

Fruitland @ 1251'

Pictured Cliffs @ 1836'

7 7/8" hole



8 5/8" 24#, J-55 Casing set @ 275'
Cement with 160 sxs , circ 14 BBL to surface

Plug 3: 325'-0'
Class B Cement, 40 sx

Plug 2: 800'-590'
Class B Cement, 30 sx

Plug 1: 1463'-1200'
Class B Cement, 36 sx

CICR @ 1463'

Fruitland Coal Perforations:
1513'-1767', 1812'-30'

Pictured Cliffs Perforations:
1840'-1911'

5.5", 15.5#, J-55 Casing set @ 2040'
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