

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**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.*

FORM APPROVED  
OMB No 1004-0135  
Expires July 31, 2010

5 Lease Serial No

**SF 078096**

6 If Indian, Allottee or tribe Name

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

**SUBMIT IN TRIPLICATE - Other instructions on reverse side**

**RECEIVED**

**JAN 10 2008**

1 Type of Well

☐ Oil Well

☒ Gas Well

☐ Other

Well Name and No

**Mudge B10**

2 Name of Operator

**BP America Production Company Attn: Cherry Hlava**

Bureau of Land Management  
Farmington Field Office

9 API Well No

**30-045-10926**

3a. Address

**P.O. Box 3092 Houston, TX 77253**

3b. Phone No (include area code)

**281-366-4081**

10 Field and Pool, or Exploratory Area

**Blanco Mesaverde**

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

**1550' FNL & 1467' FEL Sec. 9 T31N, R11W SWNE**

11 County or Parish, State

**San Juan County, New Mexico**

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

TYPE OF SUBMISSION

☒ Notice of Intent

Subsequent Report

Final Abandonment Notice

TYPE OF ACTION

☐ Acidize

☐ Alter Casing

☐ Casing Repair

☐ Change Plans

☐ Convert to Injection

☐ Deepen

☐ Fracture Treat

☐ New Construction

☒ Plug and Abandon

☐ Plug Back

☐ Production (Start/Resume)

☐ Reclamation

☐ Recomplete

☐ Water Disposal

☐ Water shut-Off

☐ Well Integrity

☐ Other

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 site is ready for final inspection.

**Compliance Well**

**RCVD JAN 16 '08  
OIL CONS. DIV.**

BP America has reviewed the above mentioned well and finds no further reserves potential remaining

**DIST. 3**

BP respectfully requests permission to plug and abandon said well.

Please find attached the P&A procedure.

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

**Cherry Hlava**

Title **Regulatory Analyst**

Signature *Cherry Hlava*

Date **1/9/2008**

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

Original Signed: **Stephen Mason**

Approved by

Title

Date

**JAN 15 2008**

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, 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.

**NMOCD**

## SJ Basin Well Work Procedure

**Well Name:** Mudge B10 - MV

**Date:** January 8, 2008

**Repair Type:** P&A

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**Objective:** P&A for wellbore.

1. TOH with completion.
  2. Ensure wellbore is clean of obstructions.
  3. Pump cement plugs and remove wellhead.
- 

**Location:** T31N-R11W-Sec9

**API #:** 30-045-10926

**County:** San Juan

**State:** New Mexico

**Horizon:** MV

**H2S:** 0-2 ppm

**Engr:** Anne Fickinger

**Ph** (505) 326-9483

**Cell:** (505) 486-9249

### **Procedure:**

1. Notify BLM and NMOCD 24 hours prior to beginning operations.  
**Henry Villeneuve @ (505) 334-6178, Ext. 17 or Charlie Perrin (ext 16).**  
**BLM Contact (505) 599-8907**
2. MIRU workover rig. LOTO all necessary equipment including but not limited to: meter run, automation, separator, and water line.
3. Blow down casing to pit or flowback tank. Pump tubing capacity plus 5 barrels of 2% KCL water to displace any potential condensate in tubing string.
4. Rig up water pump. Remove horsehead and test tubing.
5. Blow down well.
6. RU WL unit. Pressure test lubricator and equipment with shut-in wellhead gas pressure. TIH and set two barriers (profile plugs, CIBPs or G-packoffs) for isolation of tubing string and to comply with DWOP double barriers.
12. Check all casing strings to ensure no pressure exist on any annulus. **The operations of removal of wellhead and installation of BOP's will be performed under a dispensation for one (1) barrier on the backside**
13. Nipple down Wellhead. NU BOPs and diversion spool with 3" outlets and 3" pipe to the blow tank. Pressure test BOPs to 200 psi above BHP
14. Install stripping rubber, pull tubing hanger and shut pipe rams. Strip tubing hanger out of hole.

15. TOOH and LD 2-3/8" production tubing currently set at 5062'.
16. RIH with workstring to 4976' and set CIBP @ 4976'. Load well with fluid and pressure test casing. Run CBL to determine 5-1/2" casing TOC. (If casing does not pressure test, contact engineer). Pump and displace 600' plug on top of CIBP. POOH. WOC. This should place cement over the Mesaverde formation.
17. Depending on TOC for 5-1/2" casing. If TOC is at 4267 then RIH to ~~4330'~~ <sup>4230'</sup> and pump and displace a 100' plug. This should cover the casing shoe (4330 - ~~4230'~~). If TOC is not that high, RIH to 4380' and perforate the 5-1/2" casing. POOH. Attempt to establish circulation between 5-1/2" casing and annulus. RIH and set EZSV at 4330'. POOH. RIH with workstring and stab into EZSV and pump and displace a ~~100'~~ plug in annulus. Pull out of EZSV and pump and displace a ~~100'~~ plug in 5-1/2" casing. This should cement the casing shoe. ~~plug to 4217'~~  
~~plug checker - 3503-3403~~
18. RIH to ~~2800'~~ <sup>2800'</sup> and pump and displace a 415' plug. This should P&A the PC formation.
19. RIH to 2385' and perforate the 7" casing. POOH. Attempt to establish circulation between the 7" casing and annulus if possible. RIH and set EZSV at 2335'. POOH. RIH with workstring and stab into EZSV and pump and displace a 200' plug in 7" annulus. Pull out of EZSV and pump and displace a 200' plug on top of EZSV. This should place cement across the Fruitland coal formation  
~~1125'~~
20. RIH to ~~1885'~~ <sup>1885'</sup> and perforate the 7" casing. POOH. Attempt to establish circulation between the 7" casing and annulus if possible. RIH and set EZSV at ~~1835'~~ <sup>1835'</sup>. POOH. RIH with workstring and stab into EZSV and pump and displace a 200' plug in 7" annulus. Pull out of EZSV and pump and displace a 200' plug on top of EZSV. This should place cement across the Ojo Alamo.
21. RIH and perf 7" casing at 223'. Establish circulation from 223' to surface through 7" casing x annulus. Pump and displace a 223' plug from 223' to surface both inside and outside of the 7" casing. This should put cement across surface casing show all the way to surface and in all annuli from 223' to surface.
22. Perform underground disturbance and hot work permits. Cut off tree.
23. If cement cannot be seen on all annulus and casing strings remedial cementing will be required from surface.
24. Install 4' well marker and identification plate per BLM requirements.

# **Mudge B 10**

Sec 9, T31N, R11 W  
API #: 30-04510926

## History

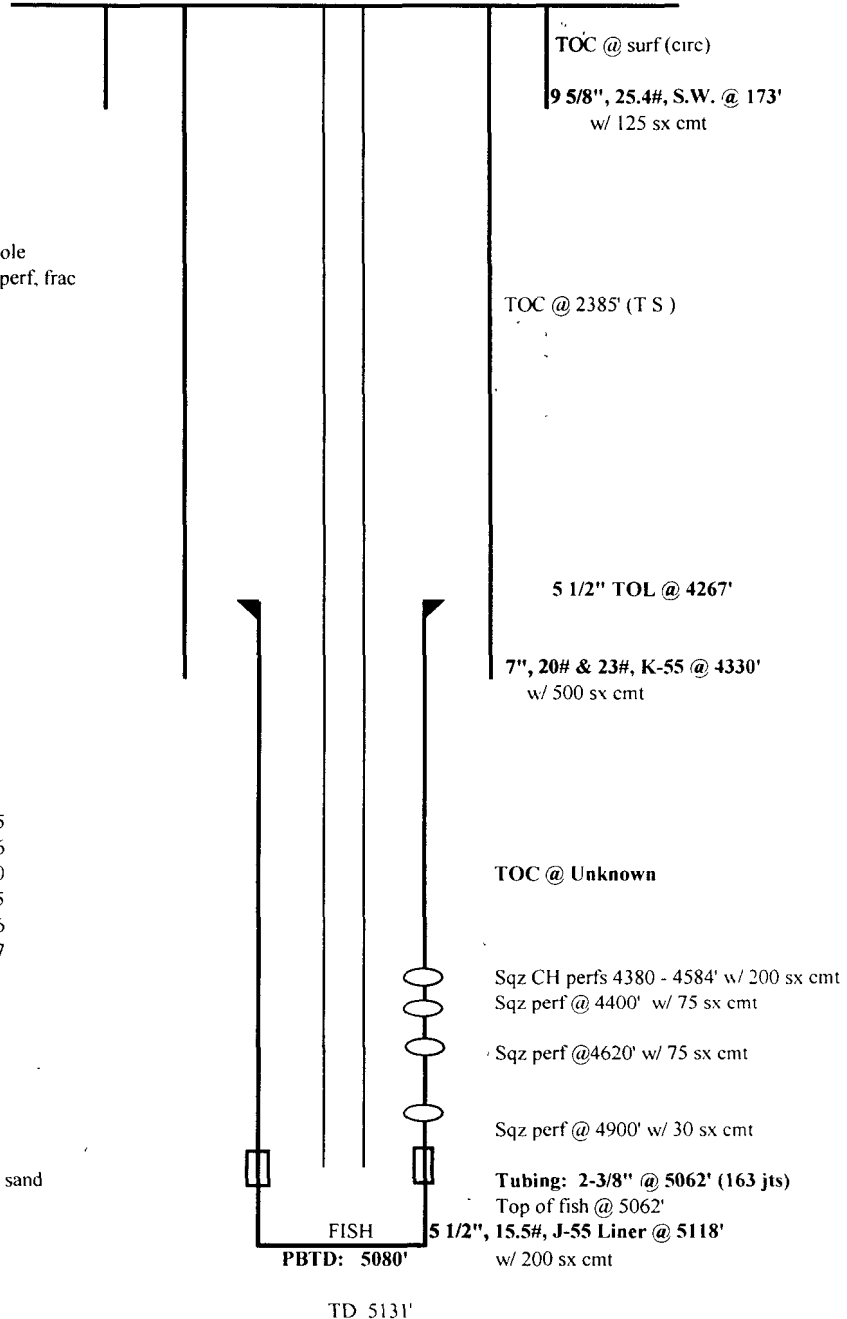
-10/28/1953 Completed Openhole  
-12/13/1957 Ran 5 1/2" Liner, perf, frac

## FORMATION TOPS:

Ojo Alamo	1835
FC	2286
PC	2750
Lewis	2845
Cliffhouse	4376
Menefee	4587
Pt Lookout	4967

## P L Perfs

5026 - 5064', frac'd w/ 40,000# sand



updated 1/8/08 AF

Notes Fish in bottom of well is 40' of tubing, bit, and bit sub Top of fish was originally 5035' but pushed down to 5062'  
Sqz'd CH perforations at 4380 - 4400, 4481 - 4510, 4522 - 4528, 4542 - 4554, 4560 - 4584 with 200 sx cmt

PROPOSED PLUGGING SCHEMATIC**Mudge B 10**

Sec 9, T31N, R11W

API #: 30-04510926

History

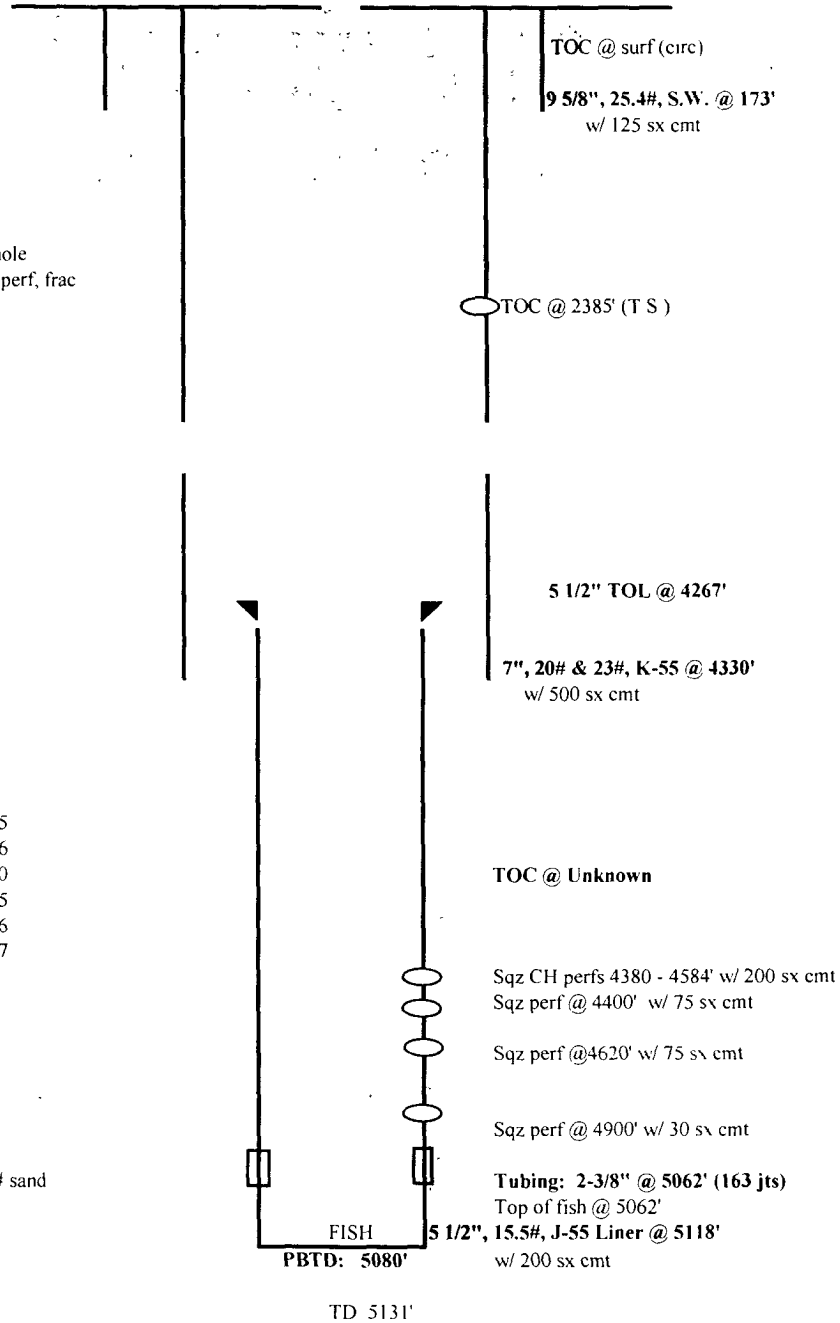
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P.L. Perfs

5026 - 5064', frac'd w/ 40,000# sand



updated 08/19/02 mnp

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**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: 10 Mudge B

**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 7" shoe/5 ½" liner top plug to 4217'.
  - b) Place the Chacra plug from 3503' – 3403'.
  - c) Begin the Pictured Cliffs plug from 2830'.
  - d) Place the Kirtland plug from 1126' – 1026' inside and outside the 7" casing.

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.