

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 November 30, 2000

5 Lease Serial No

6 If Indian, Allottee of tribe Name

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

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

1 Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

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

8. Well Name and No.

**Mudge B 12B**

9 API Well No

**30-045-30758**

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)

**1320' FSL 2180' FEL Sec 17 T31N R11W**

11 County or Parish, State

**San Juan, NM**

**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

☐ 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

☐ Water Disposal

☐ Convert to Injection

☐ Plug Back

- 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.

**BP's Production Engineering group has reviewed this well for future potential and none is found. Therefore BP America respectfully requests permission to Plug & Abandon the above mentioned wellbore.**

**Please see attached P&A procedure.**

**RCVD AUG 23 '07  
OIL CONS. DIV.**

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

**DIST. 3**

**Cherry Hlava**

Title **Regulatory Analyst**

Signature *Cherry Hlava*

Date **8/13/07**

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

Approved by **Original Signed: Stephen Mason**

Title

Date

**AUG 21 2007**

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 B12B - MV

Date: August 13, 2007

Repair Type: P&A

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

1. Well is an H2S well that has been shut in
  2. TOH with completion.
  3. Ensure wellbore is clean of obstructions.
  4. Pump cement plugs and remove wellhead. **ALL DEPTHS IN MD**
- 

Location: T31N-R11W-Sec17

API #: 30-045-30758

County: San Juan

State: New Mexico

Horizon: MV

H2S: 1 ppm (shut in well!)

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. Rig down polish rod and trip out of hole
7. 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 5735'
16. RIH with workstring and to CIBP @ 4759'. Load well with fluid and pressure test casing. If casing does not pressure test, contact engineer for squeeze. Pump and displace 200' plug on top of CIBP (+/- 4759'). POOH. WOC. This should place cement over the MEsaverde formation.  
 → Chacra 3955' - 3885' 7" casing shoe 3619' - 3519'
17. RIH and perf 4-1/2" casing at 3228'. POOH. Attempt to establish circulation from between the 4-1/2" and 7" if possible. RIH and set EZSV at 3078'. POOH with setting tool. RIH with workstring and stab into EZSV @ 3078' and pump and displace 831' plug in 4-1/2" x 7" annulus. Pull out EZSV and pump and displace 831' cement plug on top of EZSV. This should place cement across the PC and FT formations. 3228' - 2397'  
 1330'
18. RIH and perf 4-1/2" casing at 1258'. POOH. Attempt to establish circulation from between the 4-1/2" and 7" if possible. RIH and set EZSV at 1208'. POOH. RIH with workstring and stab into EZSV @ 1208' and pump and displace 108' plug in 4-1/2" x 7" annulus. Pull out of EZSV and pump and displace 108' cement plug on top of EZSV. This should place cement across the Ojo Alamo Formation.
19. RIH and perf 4-1/2" casing at 307'. Establish circulation from 307' to surface through 4-1/2" casing x 7" casing annulus. Also, establish circulation between 7" and 9-5/8" casing annulus to surface. Pump and displace a 307' plug from 307' to surface both inside and outside of the 4-1/2" casing and in 7" and 9-5/8" annulus. This should put cement across surface casing show all the way to surface and in all annuli from 307' to surface.
20. Perform underground disturbance and hot work permits. Cut off tree.
21. If cement cannot be seen on all annulus and casing strings remedial cementing will be required from surface.
22. Install 4' well marker and identification plate per NMOCD requirements.

**Mudge B #12B**

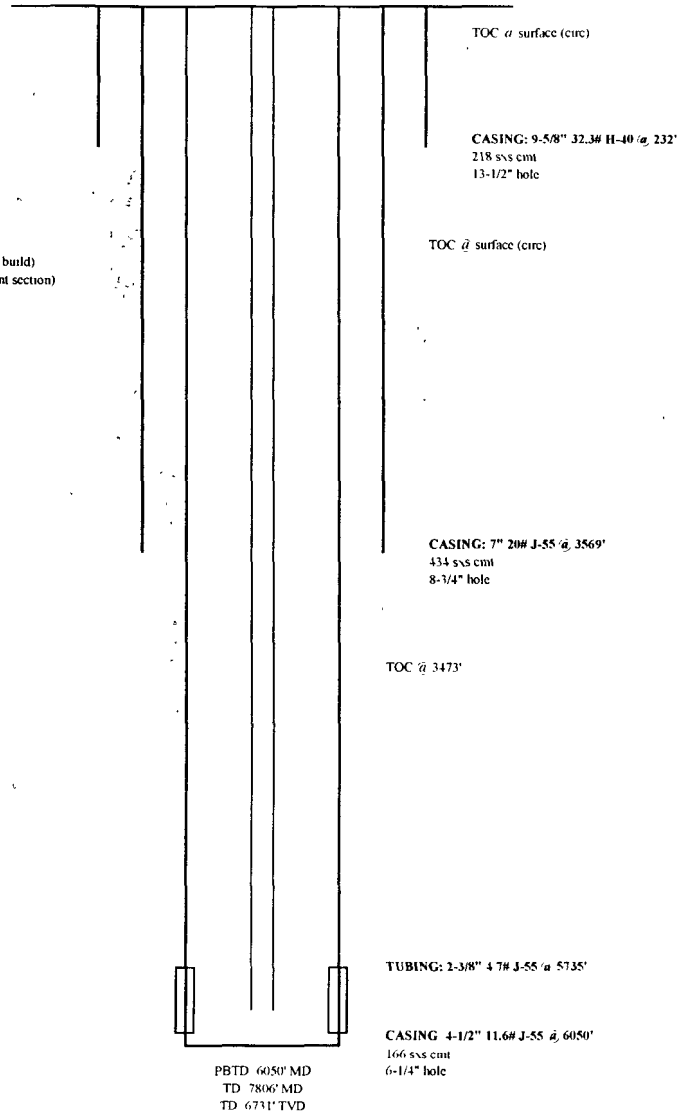
T31N, R11W, Sec 17

API # 30-045-30758

GL 6317'

HISTORY02/2003 Completed MV  
cut off casing @ 6218'

Angle	TVD	MD
0	0	0
0	201	201 KOP (begin 3.0 degrees per 100' build)
26.29	1046	1077 EOB (begin 26.29 degrees tangent section)
26.29	1439	1515
26.29	1597	1691
26.29	2266	2417
26.29	2536	2738
26.29	2914	3160
26.29	3177	3453
26.29	3281	3569 Begin Natural Drop
0	3915	4226 Begin Vertical
0	4476	4787
0	4735	5046
0	5145	5456
0	5532	5843

MESAVERDECliffhouse & Menefee 4809' - 5291'  
(102 148 lbs sand)  
Point Lookout 5357' - 5770'  
(113 953 lbs sand)FORMATION TOPS:Ojo Alamo @ 1308'  
Fruitland @ 244'  
Top of Pictured Cliffs @ 3178'  
Top of Cliffhouse @ 4689'  
Top of Menefee @ 5046'  
Top of Point Lookout @ 5474'

Updated 8/13/2007 AF

**Proposed P&A Schematic****Mudge B #12B**

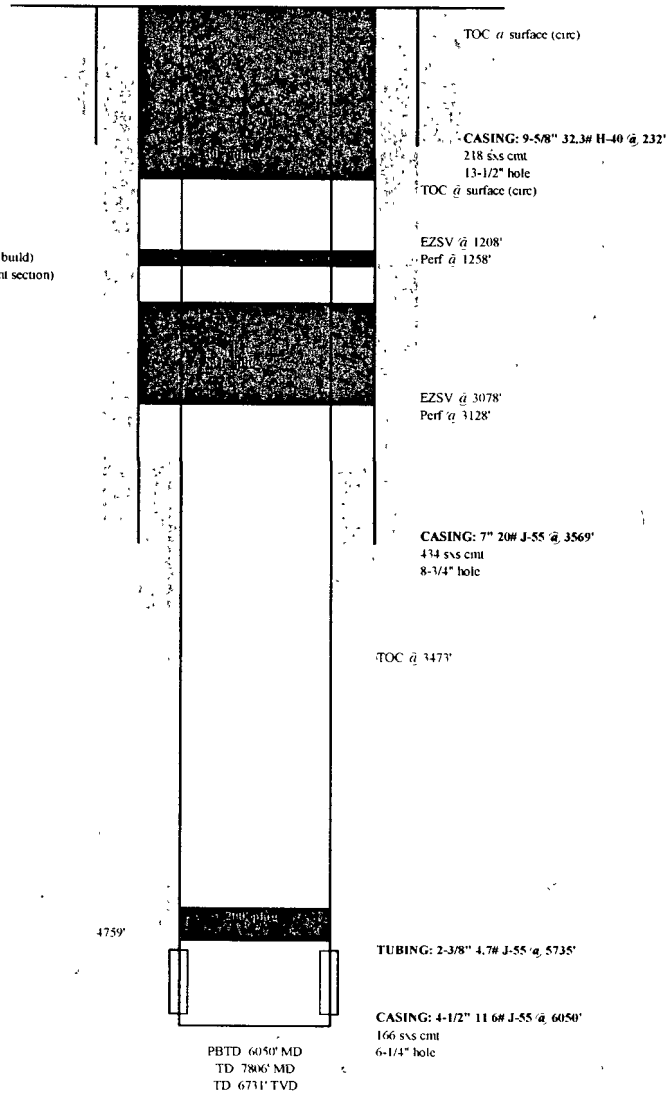
T31N, R11W, Sec 17

API # 30-045-30758

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Updated 8/13/2007 AF

**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: 12B 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) Place a cement plug from 3985' – 3885' to cover the Chacra top.
  - b) Place a cement plug from 3619' – 3519' to cover the 7" casing shoe.
  - c) Place the Pictured Cliffs/Fruitland plug from 3228' - 2397' inside and outside the 4 ½" casing.
  - d) Place the Kirtland plug from 1330' – 1230' inside and outside the 4 ½" 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.