

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

**NMSF 078139**

6 If Indian, Allottee or tribe Name

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

**NMINM73510****SUBMIT IN TRIPLICATE - Other instructions on reverse side**

1 Type of Well

☐ Oil Well☒ Gas Well☐ Other**FEB 11 2008**

8 Well Name and No

**Sandoval Gas Com B 1**

2 Name of Operator

**BP America Production Company Attn: Cherry Hlava****Bureau of Land Management  
Regulatory Field Office**

9 API Well No

**30-045-09049**

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 Pictured Cliffs**

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

**830' FNL & 948' FWL Sec. 35 T30N, R09W NWNW**

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.

BP America has reviewed the above mentioned well and finds no further reserves potential remaining. Currently the well has difficulty making enough gas to run the compressor.

**RCVD FEB 21 '08**

BP respectfully requests permission to plug and abandon said well.

**OIL CONS. DIV.**

Please find attached the P&A procedure.

**DIST. 3**

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

Cherry Hlava

Title Regulatory Analyst

Signature *Cherry Hlava*

Date 02/07/2008

## THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by **Original Signed: Stephen Mason**

Title

Date

**FEB 20 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 Plugging Procedure

**Well Name:** Sandoval GC B 001    **API #:** 30-045-09049  
**Date:** February 6, 2008  
**Budget:** DRA  
**Repair Type:** P&A  
**Location:** T30N-R9W-Sec35D  
**County:** San Juan  
**State:** New Mexico  
**Engr:** Audrey Rasmussen  
**Ph** (505) 326-9485

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

1. Ensure wellbore is clean of obstructions.
2. Pump cement plugs and remove wellhead.

**Well History:** Well completed in the PC formation in 1959. Perforations: 2452'-2492'. Total Cumulative Prod from PCCF: 2.8 bcf gas, 311 bbls Water and 38 bbls condensate.

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### **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. Perform pre-rig site inspection. Check for: size of location, Gas Taps, other wells, other operators, running equipment, wetlands, wash (dikes req.), H2S, barriers needed for equipment, Landowner issues, location of pits (buried lines in pits), Raptor nesting, critical location, check anchors. Check ID wellhead; if earth pit is required have One Call made 48 hours prior to digging.
3. Perform second site visit after lines are marked to ensure all lines clear marked pit locations. Planning and scheduling to ready location for rig.
4. RU slickline unit or wireline unit. Pressure test lubricator and equipment. RIH and set **two** barriers (CIBP, tbg collar stop w/plug, or plug set in nipple) for isolation in tubing string. **NOTE: Tubing sting in hole is 1-1/4" tubing – not likely to be able to set dual tubing barriers – Blow down well and Kill w/ 2% KCl. Pump tubing capacity plus 5 barrels of 2% KCL water to displace any potential condensate in tubing string back into formation.**
5. Check and record tubing, casing and bradenhead pressures. Ensure production casing has double casing valves installed. Double valve all casing strings.
6. MIRU workover rig. LOTO all necessary equipment including but not limited to: meter run, automation, separator, and water line.

7. 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.**
8. Nipple down Wellhead. NU BOPs and diversion spool with 3" outlets and 3" pipe to the blow tank. Pressure test BOPs to 500psig – expected bottom hole pressure is 300psig. This is a P&A so the well should be kept dead through-out the procedure.
9. Install stripping rubber, pull tubing hanger and shut pipe rams. Strip 1-1/4" tubing hanger out of hole.
10. TOO H w/ 1-1/4" production tubing currently set at 2444'
11. RIH with workstring and set 4-1/2" CIBP just above PC perforations +/- 2402'. Load well with fluid and pressure test casing to 500 psig. Run CBL to confirm cement top behind 2-7/8" casing. Based on cement top it will be determined where perforations and cement placement behind casing will be required to properly P&A well. Estimated cement top is ~surface (circulated). Report CBL results to regulatory agencies and engineer.
12. RIH with 1-1/4" open ended work string and spot a 374' plug (34.1 cu. ft.) on top of CIBP (+/- 2402). This should P&A the PC and FT Coal formations from 2028'-2402'.
13. **NOTE: Before pumping next plug, check CBL report and ensure TOC is above 1020' behind 4-1/2" casing. Perforating may be required if TOC is below this depth before setting tubular cement plug. Expect TOC @ surface.** POOH with workstring to 1220'. Pump and displace a 150' plug (13.6 cu. ft.) from 1070' to 1220' inside 4-1/2" casing. This should put cement across the Ojo Alamo formation. **1442' - 1130'**  
 —→ **8 5/8" casing shoe 249' - 149'**
14. **NOTE: Before pumping next plug, check CBL report and ensure TOC @ surface and cement is covering casing shoe. Perforating may be required if TOC is below this depth before setting tubular cement plug. Expect TOC @ surface.** TIH to 75'. Pump and displace a 75' (6.84 cu.ft.) cement plug inside the 4-1/2" casing annulus all the way to surface.
15. Perform underground disturbance and hot work permits. Cut off tree.
16. If cement cannot be seen on all annulus and casing strings remedial cementing will be required from surface.
17. Install well marker and identification plate per BLM requirements.
18. RD and release all equipment. Remove all LOTO equipment.
19. Ensure all reports are loaded into DIMS. Print out summary of work and place in Wellfile. Notify Sherri Bradshaw of completed P&A.

## Current Wellbore

### **Sandoval GC B1**

Sec 35, T30N, R9W

API # 30-045-09049

#### History

Completed in PC 6/59

#### Formation Tops

1220 - Ojo Alamo  
1390 - Kirtland  
2178' - Fruitland coal  
2442 - Pictured Cliffs

#### PC Perforations

2452'-2492' 37.5 Kgal H<sub>2</sub>O - 25.3 Klbs sand

**8-5/8" @ 199'**

160 sx cement w/ 2% CaCl  
(Lost Returns)  
pumped 50 sx from 49' (circulated)

FOC @ surface (circulated)

**Tubing: 1-1/4" @ 2444**

**4-1/2", 9.5# J55 @ 2537'**

Stage 1 600 sx w/ 4% gel - 1-1/4lbs/sac Tuff plug  
Stage 2 75 sx neat cement

PBTD 2502"  
TD 2538'

updated 1/29/08 AR

Proposed P&A plug Set Program**Sandoval GC B1**

Sec 35, T30N, R9W

API # 30-045-09049

History

Completed in PC 6/59

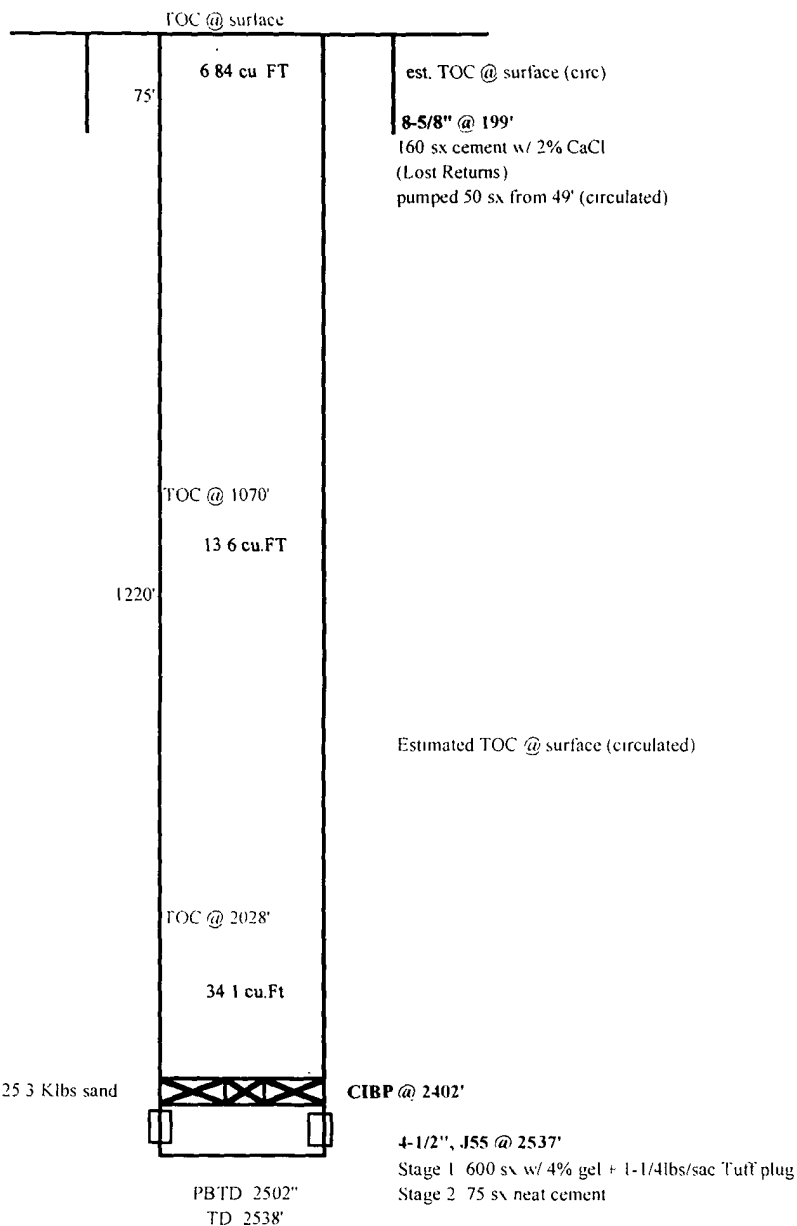
Formation Tops

1220- Ojo Alamo

1390 - Kirtland

2178' - Fruitland coal

2442 - Pictured Cliffs

PC Perforations2452'-2492' 37.5 Kgal H<sub>2</sub>O + 25.3 Klbs sand

updated 2/7/08 AR

**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: 1 Sandoval Gas Com 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 the Kirtland/Ojo Alamo plug from 1442' – 1130'.
  - b) Place the 8 5/8" casing shoe plug from 249' - 149'.

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.