

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB NO. 1004-0137  
Expires: January 31, 2018

**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**

|   |   |  |
|---|---|--|
| 1. Type of Well<br><input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other                  |   | 5. Lease Serial No.<br>NMSF080917                          |
| 2. Name of Operator<br>BP AMERICA PRODUCTION COMPANY<br>Contact: TOYA COLVIN<br>Email: Toya.Colvin@bp.com   |   | 6. If Indian, Allottee or Tribe Name                       |
| 3a. Address<br>501 WESTLAKE PARK BLVD. THREE ELDRIDGE PLACE<br>HOUSTON, TX 77079  | 3b. Phone No. (include area code)<br>Ph: 281-892-5369 | 7. If Unit or CA/Agreement, Name and/or No.                |
| 4. Location of Well (Footage, Sec., T., R., M., or Survey Description)<br>Sec 5 T30N R10W SESE 970FSL 690FEL<br>36.836011 N Lat, 107.899679 W Lon |   | 8. Well Name and No.<br>ATLANTIC B LS 4B                   |
|   |   | 9. API Well No.<br>30-045-32841-00-S1                      |
|   |   | 10. Field and Pool or Exploratory Area<br>BLANCO MESAVERDE |
|   |   | 11. County or Parish, State<br>SAN JUAN COUNTY, NM         |

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

| TYPE OF SUBMISSION                                   | TYPE OF ACTION                                |  |  |   |
|--|---|--|--|---|
| <input checked="" type="checkbox"/> Notice of Intent | <input type="checkbox"/> Acidize              | <input type="checkbox"/> Deepen                      | <input type="checkbox"/> Production (Start/Resume) | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Subsequent Report           | <input type="checkbox"/> Alter Casing         | <input type="checkbox"/> Hydraulic Fracturing        | <input type="checkbox"/> Reclamation               | <input type="checkbox"/> Well Integrity |
| <input type="checkbox"/> Final Abandonment Notice    | <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 must 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 must be filed once testing has been completed. Final Abandonment Notices must 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 requests to P&A the subject well.

Please see the attached P&A procedure and required BLM reclamation plan documents.

In accordance with NMOCD Pit Rule 19.15.17.9 NMAC, BP will use a closed-loop system during operations.

Notify NMOCD 24 hrs  
prior to beginning  
operations

**SEE ATTACHED FOR  
CONDITIONS OF APPROVAL**

**BLM'S APPROVAL OR ACCEPTANCE OF THIS  
ACTION DOES NOT RELIEVE THE LESSEE AND  
OPERATOR FROM OBTAINING ANY OTHER  
AUTHORIZATION REQUIRED FOR OPERATIONS  
ON FEDERAL AND INDIAN LANDS**

MAR 20 2017

OIL CONS. DIV DIST. 3

|   |                          |
|---|--------------------------|
| 14. I hereby certify that the foregoing is true and correct.<br>Electronic Submission #369007 verified by the BLM Well Information System<br>For BP AMERICA PRODUCTION COMPANY, sent to the Farmington<br>Committed to AFMSS for processing by ABDELGADIR ELMADANI on 03/16/2017 (17AE0186SE) |                          |
| Name (Printed/Typed) TOYA COLVIN  | Title REGULATORY ANALYST |
| Signature (Electronic Submission)   | Date 03/07/2017          |

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

|   |                          |                 |
|---|--------------------------|-----------------|
| Approved By ABDELGADIR ELMANDANI  | Title PETROLEUM ENGINEER | Date 03/16/2017 |
| 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 Farmington   |                          |                 |

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.

(Instructions on page 2)

**\*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\***

**DOWN NMOCD**

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## **BP America Production Company**

### **Plug And Abandonment Procedure**

#### **Atlantic B LS 004B**

970 FSL & 690 FEL, Section 05, T30N, R10W

San Juan County, NM / API 30-045-32841

1. Hold pre-job safety meeting. Comply with all NMOCD, BLM safety and environmental regulations. Test rig anchors prior to moving in rig if not rigged to base beam.
2. Check casing, tubing, and bradenhead pressures.
3. Remove existing piping on casing valve. RU blow lines from casing valves and begin blowing down casing pressure. Kill well as necessary. Ensure well is dead or on a vacuum.
4. ND wellhead and NU BOP. Function test BOP.
5. P/U 4-1/2" bit or casing scraper on 2-3/8" work string and round trip as deep as possible above top perforation at 4451'.
6. P/U 4-1/2" CR, TIH and set CR at +/- 4401'. Pressure test tubing to 1000 psi. Sting out of CR. Load hole, and pressure test casing to 800 psi. If casing does not test, then spot or tag subsequent plugs as appropriate. POOH w/ tubing.
7. Rig up to pump cement down tubing. Pump water to establish rate down tubing.

**NOTE: All Plugs Include 100% excess outside casing and 50% Excess inside casing**

8. Plug 1 (**Mesa Verde Perforations and Formation Top 4401'-3852', 42 Sacks Class G Cement**)

Mix 42 sx Class G cement and spot a balanced plug inside casing to cover Mesa Verde perforations and formation top.

9. Plug 2 (**Pictured Cliffs and Fruitland Formation Tops 2955'-2511', 34 Sacks Class G Cement**)

Mix 34 sx Class G cement and spot a balanced plug inside casing to cover Pictured Cliffs and Fruitland formation tops.

10. Plug 3 (**Kirtland Formation Top 2055'-1905', 12 Sacks Class G Cement**)

Mix 12 sx Class G cement and spot a balanced plug inside casing to cover Kirtland formation top.

11. Plug 4 (**Ojo Alamo Formation Top 1850'-1700', 12 Sacks Class G Cement**)

Mix 12 sx Class G cement and spot a balanced plug inside casing to cover Ojo Alamo formation top.

12. Plug 5 (**Nacimiento Formation Top 1250'-1100', 12 Sacks Class G Cement**)

Mix 12 sx Class G cement and spot a balanced plug inside casing to cover Nacimiento formation top.

13. Plug 6 (**Surface Shoe and Surface 250'-surface, 100 Sacks Class G Cement**)

Attempt to pressure test the bradenhead annulus to 300 psi; note the volume to load. Perforate at 250' and attempt to circulate cement to surface filling the casing from 250' and the annulus from the squeeze holes to surface. Shut in well and WOC.

14. ND cementing valves and cut off wellhead. Fill annuli with cement as necessary. Install P&A marker to comply with regulations. Record GPS coordinate for P&A marker on tower report. Photograph P&A marker in place. RD, MOL and restore location per BLM stipulations.



## Wellbore Diagram

Atlantic B LS 004B  
API #: 3004532841  
San Jaun, New Mexico

### Plug 6

250 ft - Surface  
250 feet  
100 sks of Class G

### Plug 5

1250 ft - 1100 ft  
150 feet  
12 sks of Class G

### Plug 4

1850 ft - 1700 ft  
150 feet  
12 sks of Class G

### Plug 3

2055 ft - 1905 ft  
150 feet  
12 sks of Class G

### Plug 2

2955 ft - 2511 ft  
444 feet  
34 sks of Class G

### Plug 1

4401 ft - 3852 ft  
549 feet  
42 sks of Class G

## Perforations

4451 ft - 4639 ft  
4675 ft - 4722 ft  
4784 ft - 4864 ft

4968 ft - 5117 ft  
5140 ft - 5198 ft  
5220 ft - 5264 ft

## Surface

9-5/8" 32.3# @ 228 ft

**Fruitland Coal - 2611 feet**  
**Pictured Cliffs - 2905 feet**  
**Lewis - 3060 feet**  
**Chacra - 3952 feet**  
**Cliff House - 4406 feet**  
**Menefee - 4726 feet**  
**Point Lookout - 5137 feet**  
**Mancos - 5496 feet**

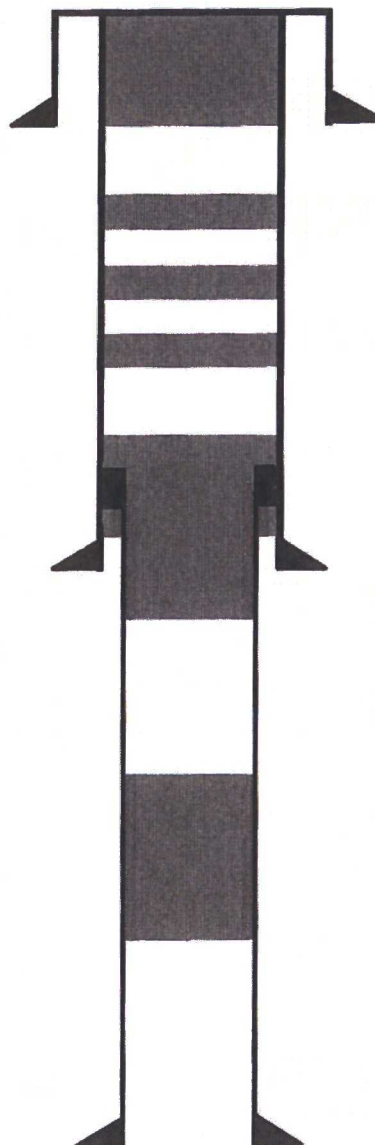
TOL- 2463 feet

### Intermediate

7" 20# J-55 @ 2588 ft

Liner

4.5" 11.6# J-55 @ 5612 ft



## **CORRPRO – PLUG AND ABANDON - DEEP ANODE GROUND BED**

Permits: Corrpro will assist the Company in applications for permits required by any City, County and/or State agencies.

Anode Hole/Surface Casing: At the surface of the anode bed the surface casing shall be excavated or hydro-excavated at a depth of 3' below grade. All conduits and wires shall be terminated and removed. The surface casing and vent pipe will be cut down flush at 2' below grade. Anode leads, after terminated, will be left in the well bore. If the anode bore is open, a bentonite and water mixture will be poured in to backfill. A cement mixture of Portland cement shall be poured as backfill around the anode bed bore to approximately 6" above remaining surface casing. The excavation shall then be backfilled with native soil.

## **ANODE LEAD JUNCTION BOX**

Removal: The anode lead junction box immediately adjacent to the deep anode will be removed along with all remaining conduits and wiring. The 4x4 post will be removed along with the concrete pad and backfilled to grade with native soil.

## **NEGATIVE/POSITIVE CABLES**

Termination of negative/positive leads will be left to the discretion of the owner.

| NO. | REVISIONS | REV. | CHK. | APP. | DATE |
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## NOTES:

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**corpro**  
An Aradigm Company

DESIGNED BY: Flotreno

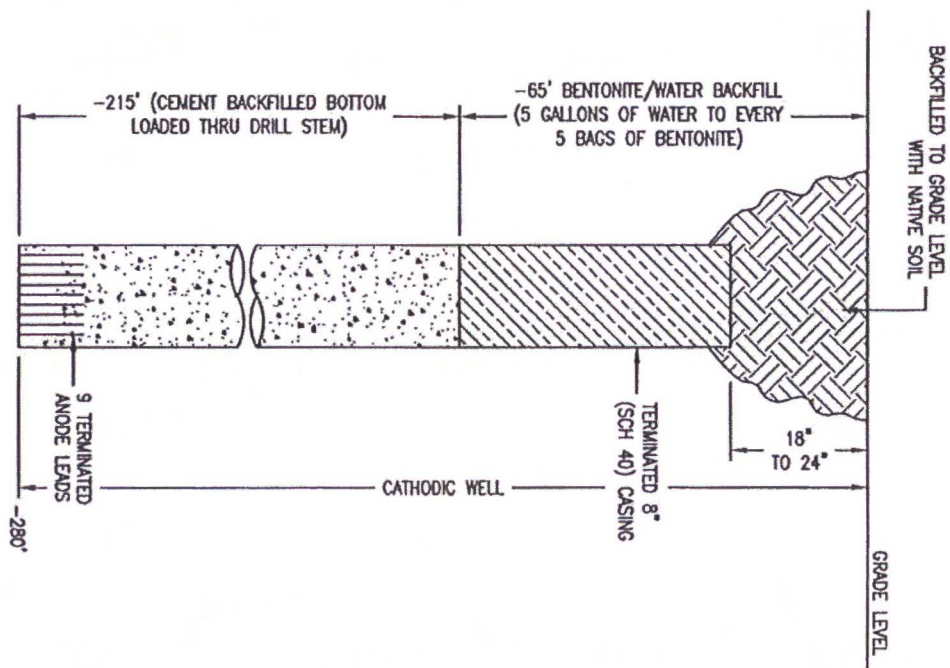
DESIGNED BY: R Martin

DATE: 3-20-14

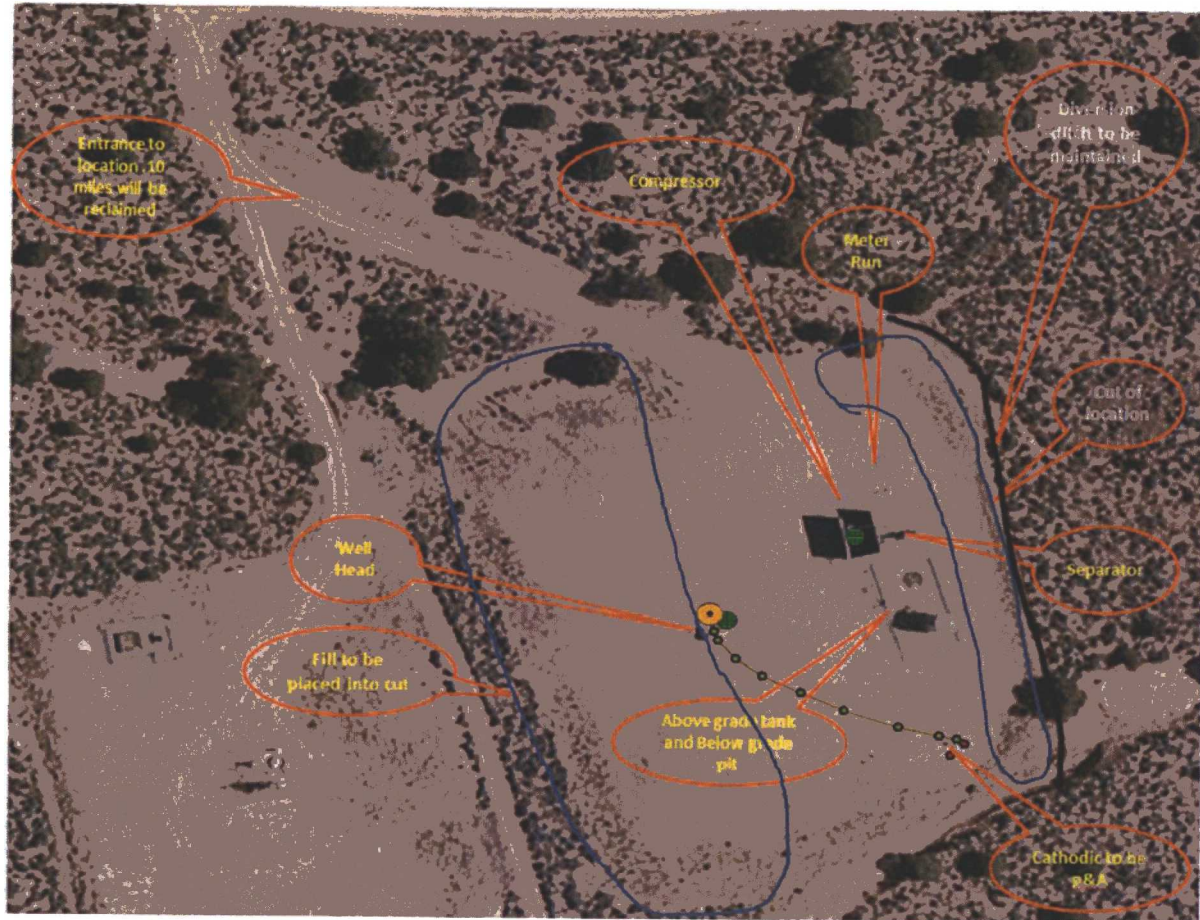
SCALE: N.T.S.

JOB NO.: 340140538

REV. NO.: 340140538-01









UNITED STATES DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
FARMINGTON DISTRICT OFFICE  
6251 COLLEGE BLVD.  
FARMINGTON, NEW MEXICO 87402

Attachment to notice of  
Intention to Abandon:

Re: Permanent Abandonment  
Well: Atlantic B LS #4B

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) 564-7750.

- a) Set Plug #1 (4553'-3852') ft. to cover the Mesa Verde top. BLM picks top of Mesa Verde at 4503 ft.
- b) Add Plug from (3684'-3584') ft. To cover the Chacra top. BLM picks to of the Chacra at 3634' ft.
- c) Set Plug #2 (2955'-2446') ft. To cover the Fruitland top. BLM picks top of Fruitland top at 2496' ft.
- d) Set Plug #3 (1675'-1575') ft. To cover the Kirtland Formation top. BLM picks top of Kirtland top at 1625' ft.
- e) Set Plug #4 (1530'-1430') ft. To cover Ojo Alamo formation top. BLM picks top of the Ojo Alamo top at 1480' ft.

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.