

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM 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.*5. Lease Serial No.  
NMNM014375

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.  
140800182218. Well Name and No.  
CORNELL A 1E9. API Well No.  
30-045-24132-00-S110. Field and Pool or Exploratory Area  
BASIN DAKOTA

11. County or Parish, State

SAN JUAN COUNTY, NM

**SUBMIT IN TRIPLICATE - Other instructions on page 2**

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other2. Name of Operator  
BP AMERICA PRODUCTION COMPANY

Contact: TOYA COLVIN

Email: Toya.Colvin@bp.com

3a. Address

501 WESTLAKE PARK BLVD. THREE ELDRIGE PLACE  
HOUSTON, TX 77079

3b. Phone No. (include area code)

Ph: 281.892.5369

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

Sec 10 T29N R12W SESW 0910FSL 1760FWL  
36.736191 N Lat, 108.088867 W Lon**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 proposes to P&A the subject well. Please see the attached P&A procedure and the BLM required reclamation plans.

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

**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**

**SEE ATTACHED FOR CONDITIONS OF APPROVAL**

OIL CONS. DIV DIST. 3  
AUG 21 2017

14. I hereby certify that the foregoing is true and correct.

Electronic Submission #384768 verified by the BLM Well Information System  
For BP AMERICA PRODUCTION COMPANY, sent to the Farmington  
Committed to AFMSS for processing by ABDELGADIR ELMADANI on 08/18/2017 (17AE0306SE)

Name (Printed/Typed) TOYA COLVIN

Title REGULATORY ANALYST

Signature (Electronic Submission)

Date 08/15/2017

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

Approved By ABDELGADIR ELMANDANI

Title PETROLEUM ENGINEER

Date 08/18/2017

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 \*\*

NMOCD

## **BP America**

### **Plug And Abandonment Procedure**

#### **Cornell A 001E**

910' FSL & 1760' FWL, Section 10, T29N, R12W

San Juan County, NM / API 30-045-24132

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 ½" bit or casing scraper on 2-3/8" work string and round trip as deep as possible above top perforation at 6127'.
6. P/U 4 ½" CR, TIH and set CR at +/- 6077'. 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 (Dakota Perforations and Dakota Formation Top 6077'-6027', 12 Sacks Class B Cement)**

Mix 12 sx Class B cement and spot a balanced plug inside casing to cover Dakota perforations and formation top.

**9. Plug 2 (Gallup Formation Top 5330'-5180', 12 Sacks Class B Cement)**

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

**10. Plug 3 (Pt. Lookout(Mesa Verde) Formation Top 4070'-3920', 12 Sacks Class B Cement)**

Mix 12 sx Class B cement and spot a balanced plug inside casing to cover Pt. Lookout(Mesa Verde) formation top.

**11. Plug 4 (Menefee, Cliffhouse(Mesa Verde) and Chacra Formation Tops 3388'-2900', 38 Sacks Class B Cement)**

Mix 38 sx Class B cement and spot a balanced plug inside casing to cover Menefee, Cliffhouse(Mesa Verde) and Chacra formation tops.

**12. Plug 5 (Pictured Cliffs Formation Top 1770'-1620', 12 Sacks Class B Cement)**

Mix 12 sx Class B cement and spot a balanced plug inside casing to cover Pictured Cliffs formation top.

**13. Plug 6 (Surface Shoe and Surface 329'-surface, 125 Sacks Class B Cement)**

Attempt to pressure test the braderhead annulus to 300 psi; note the volume to load. If BH annulus holds pressure, then establish circulation out casing valve with water. Mix approximately 125 sx cement and spot a balanced plug from 329' to surface, circulate good cement out of casing valve. TOH and LD tubing. Shut well in and WOC. If BH annulus does not test, then perforate at the appropriate depth and attempt to circulate cement to surface filling the

casing from 329' 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

Cornell A 001E  
API #: 3004524132  
San Juan, New Mexico

### Surface Casing

8-5/8" 24# @ 329ft

### Plug 6

329 ft - Surface  
125 sks of Class B

### Plug 5

1770 ft - 1620 ft  
150 ft plug  
12 sks of Class B

### Plug 4

3388 ft - 2900 ft  
488 ft plug  
38 sks of Class B

### Plug 3

4070 ft - 3920 ft  
150 ft plug  
12 sks of Class B

### Plug 2

5330 ft - 5180 ft  
150 ft plug  
12 sks of Class B

### Plug 1

6077 ft - 6027 ft  
50 ft plug  
12 sks of Class B

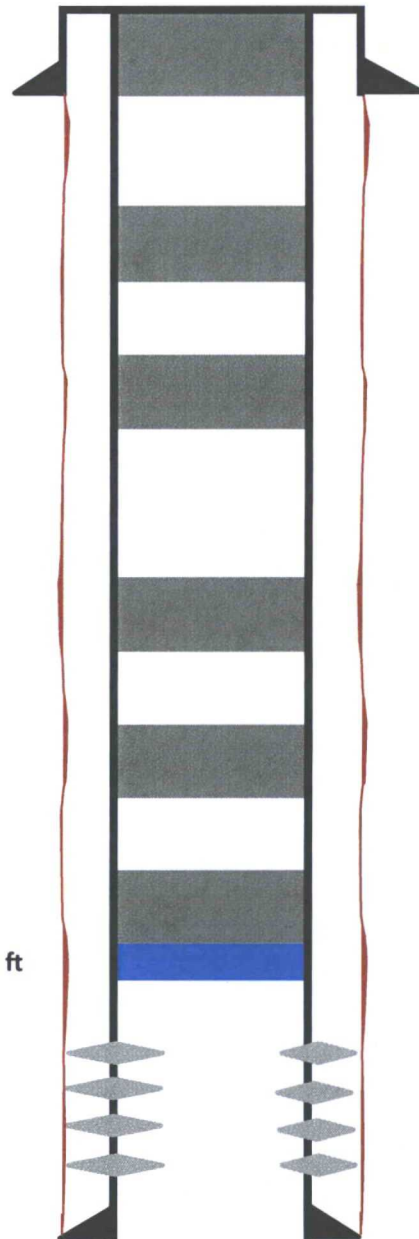
### Formation

Ojo - 300 feet  
Pictured Cliffs - 1660 feet  
Lewis - 1840 feet  
Cliffhouse - 3250 feet  
Menefee - 3320 feet  
Point Lookout - 4020 feet  
Mancos - 4400 feet  
Gallups - 5300 feet  
Greenhorn - 6060 feet  
Dakota - 6170 feet

Retainer Set at 6077 ft

### Production Casing

4.5" 10.5# @ 6350 ft





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: Cornell A 001E

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) Add Mancos Plug (4406'-4306') ft. To cover Mancos tops. BLM picks Mancos top at 4356ft.
- b) Set Plug #4 (3388'-2605') ft. To cover the Chacra top. BLM picks top of Chacra at 2655ft.
- c) Add Fruitland Plug (1339'-1239') ft. To cover the Fruitland top. BLM picks Fruitland tops at 1289ft.
- d) Set Plug #6 (467'-0') ft. To cover Kirtland and Ojo Alamo top. BLM picks Ojo Alamo tops at 257ft and the Kirtland at 417ft.

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.