

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 <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		8. Well Name and No. ARNAUD A 4
2. Name of Operator BP AMERICA PRODUCTION COMPANY Contact: TOYA COLVIN Email: Toya.Colvin@bp.com		9. API Well No. 30-045-28682-00-S1
3a. Address 501 WESTLAKE PARK BLVD. THREE ELDRIDGE PLACE HOUSTON, TX 77079	3b. Phone No. (include area code) Ph: 281.892.5369	10. Field and Pool or Exploratory Area BLANCO PICTURED CLIFFS
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 20 T32N R9W NENE 1180FNL 1100FEL 37.007111 N Lat, 107.843460 W Lon		11. County or Parish, State 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 procedure including the wellbore diagram.

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

OIL CONS. DIV DIST. 3

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

Notify NMOCD 24 hrs
prior to beginning
operations

14. I hereby certify that the foregoing is true and correct. Electronic Submission #378103 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 06/13/2017 (17AE0256SE)	
Name (Printed/Typed) TOYA COLVIN	Title REGULATORY ANALYST
Signature (Electronic Submission)	Date 06/06/2017

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By <u>ABDELGADIR ELMADANI</u>	Title <u>PETROLEUM ENGINEER</u>	Date <u>06/13/2017</u>
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

Arnaud A 004

1180' FNL & 1100' FEL, Section 20, T32N, R09W

San Juan County, NM / API 30-045-28682

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" workstring and round trip as deep as possible above top perforation at 3655'.
6. P/U 4-1/2" CR, RIH and set CR at +/- 3605'. 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

9. Plug 1 (**Pictured Cliffs Perforations, Fruitland Formation Top 3605'-3555', 6 Sacks Class G Cement**)

Mix 6 sx Class G cement and spot a balanced plug inside casing to cover Pictured Cliffs Perforations and Fruitland formation top.

10. Plug 2 (**Kirtland and Ojo Alamo Formation Tops 2233'-2021', 18 Sacks Class G Cement**)

Mix 18 sx Class G cement and spot a balanced plug inside casing to cover Kirtland and Ojo Alamo formation tops.

11. Plug 3 (**Nacimiento Formation Top 844'-694', 12 Sacks Class G Cement**)

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

12. Plug 3 (**Surface Shoe and Surface 264'-surface, 95 Sacks Class G Cement**)

Attempt to pressure test the bradenhead annulus to 300 psi; note the volume to load. If BH annulus holds pressure, then establish circulation out casing valve with water. Mix approximately 95 sx cement and spot a balanced plug from 264' 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 264' and the annulus from the squeeze holes to surface. Shut in well and WOC.

13. 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.

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: Arnaud A#4.

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 plug from (3280'-3180') ft. to cover the Fruitland top. BLM picks Fruitland top at 3230 ft.
- b) Set plug #2 from (2397'-2195') ft. To cover the Kirtland and Ojo formation. BLM picks the top of Kirtland at 2347' ft. and the Ojo top at 2245' 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.