

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.

5. Lease Serial No.
NMSF078513

6. If Indian, Allottee or Tribe Name

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

SUBMIT IN TRIPLICATE - Other instructions on page 2.

8. Well Name and No.
ARNAUD A 4

9. API Well No.
30-045-28682-00-S1

10. Field and Pool or Exploratory Area
BLANCO PICTURED CLIFFS

11. County or Parish, State
SAN JUAN COUNTY, NM

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator Contact: TOYA COLVIN
BP AMERICA PRODUCTION COMPANY Mail: Toya.Colvin@bp.com

3a. Address 3b. Phone No. (include area code)
501 WESTLAKE PARK BLVD. THREE ELDRIGE PLACE Ph: 281.892.5369
HOUSTON, TX 77079

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

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

TYPE OF SUBMISSION	TYPE OF ACTION
<input 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 checked="" 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.

Please see the attached plugging operations performed on the subject well November- December 2017.

OIL CONS. DIV DIST. 3
DEC 13 2017

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

**Electronic Submission #396930 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 12/11/2017 (17AE0256SE)**

Name (Printed/Typed) TOYA COLVIN	Title REGULATORY ANALYST
Signature (Electronic Submission)	Date 12/05/2017

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By ACCEPTED	ABDELGADIR ELMADANI Title PETROLEUM ENGINEER	Date 12/11/2017
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 AV

4

BP America Production Company

Plug And Abandonment Report

Arnaud A 4

1180' FNL & 1100' FEL, Section 20, T32N, R9W

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

Work Summary:

11/28/17 Made BLM, and NMOCD P&A operations notifications at 1:00 PM MST.

11/29/17 MOL and R/U P&A unit. Checked well pressures: Tubing 240 psi, Casing 500 psi and Bradenhead 0 psi. Blew down well. N/D wellhead, N/U BOP and function tested. TOH and tallied production string. P/U casing scraper and round tripped casing scraper above top perforation at 3655'. Shut-in well and shut down for the day. Darryl Priddy was BLM representative on location.

12/1/17 TIH and set CR at 3608'. Tested tubing to 1000 psi in which it successfully held pressure. Stung out of CR and circulated hole clean with 60 bbl fresh water. Tested casing to 900 psi in which it successfully held pressure. Pressure test witnessed by BLM rep Darryl Priddy. R/U Drake Energy Services and pumped balanced plugs 1-4 **Plug #1: (Pictured Cliffs Perforations and Formation Top 3608'-3549', 6 Sacks Class B Cement)**

Mixed 6 sx Class B cement and spotted a balanced plug to cover Pictured Cliffs perforations and formation top.

Plug #2: (Fruitland Formation Top 3280'-3130', 12 Sacks Class B Cement)

Mixed 12 sx Class B cement and spotted a balanced plug to cover Fruitland formation top.

Plug #3: (Kirtland and Ojo Alamo Formation Tops 2397'-2117', 19 Sacks Class B Cement)

Mixed 19 sx Class B cement and spotted a balanced plug to cover Kirtland and Ojo Alamo formation tops.

Plug #4: (Nacimiento Formation Top 844'-677', 12 Sacks Class B Cement)

Mixed 12 sx Class B cement and spotted a balanced plug to cover Nacimiento formation top.

Loaded Bradenhead with approximately $\frac{1}{4}$ bbl of fresh water and tested to 300 psi in which it successfully held pressure. Pumped surface plug from 264' to surface: **Plug #5: (Surface 264'-surface, 100 Sacks Class B Cement)**

N/D BOP. Cut-off wellhead and topped-off surface. Installed P&A marker per BLM and NMOCD standards. R/D MOL

Wellbore Diagram

Arnaud A 4
 API #: 3004528682
 San Juan, New Mexico

Surface Casing

8.625" 24# @ 264ft

Plug 5

264 feet - Surface
 264 feet plug
 100 sacks of Class B Cement

Plug 4

844 feet - 677 feet
 167 feet plug
 12 sacks of Class B Cement

Plug 3

2397 feet - 2117 feet
 280 feet plug
 19 sacks of Class B Cement

Plug 2

3280 feet - 3130 feet
 150 feet plug
 12 sacks of Class B Cement

Plug 1

3608 feet - 3549 feet
 59 feet plug
 6 sacks of Class B Cement

Formation

Fruitland Coal - 3236 feet
 Pictured Cliffs - 3652 feet

Retainer @ 3608 feet

Perforations

3655 feet - 3724 feet
 3760 feet - 3770 feet

Production Casing

4.5" 11.6# @ 3923 ft

