

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.  
NMSF080244

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.  
RIDDLE 4S

9. API Well No.  
30-045-25558-00-S1

10. Field and Pool or Exploratory Area  
BLANCO FRUITLAND SAND

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  Other

2. Name of Operator  
BP AMERICA PRODUCTION COMPANY  
Contact: PATTI CAMPBELL  
Mail: patti.campbell@bpx.com

3a. Address  
1199 MAIN AVE. SUITE 101  
DURANGO, CO 81301

3b. Phone No. (include area code)  
Ph: 970-712-5997

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
Sec 21 T30N R9W SWNE 1650FNL 1810FEL  
36.799667 N Lat, 107.782272 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	

*mk*

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 recomplate 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 recompletion 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.

The subject well was plugged and abandoned on 2/28/19 per the attached Final P&A report and Plugged Well Diagram.

NMOOD  
MAR 15 2019  
DISTRICT III

14. I hereby certify that the foregoing is true and correct.  
**Electronic Submission #457639 verified by the BLM Well Information System  
 For BP AMERICA PRODUCTION COMPANY, sent to the Farmington  
 Committed to AFMSS for processing by SHANNON FACHAN on 03/14/2019 (18JWS0137SE)**

Name (Printed/Typed) PATTI CAMPBELL Title REGULATORY ANALYST

Signature (Electronic Submission) Date 03/11/2019

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

Approved By **ACCEPTED** VIRGIL LUCERO Title BRANCH CHIEF, I&E Date 03/14/2019

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.

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# BP America

## Plug And Abandonment End Of Well Report

### Riddle 4S

1650' FNL & 1810' FEL, Section 21, T30N, R9W

San Juan County, NM / API 30-045-25558

#### Work Summary:

- 2/24/19** Made BLM, and NMOCD P&A operations notifications at 1:00 PM MST.
- 2/25/19** MOL and R/U P&A rig. Checked well pressures: Tubing: 140 psi, Casing: 140 psi, Bradenhead: 40 psi. Bled down well. N/D wellhead, N/U BOP and function tested. TOO H with production string and tallied on the way out of the hole. Found that there was not enough 2-1/16" tubing in the hole to sufficiently work with. L/D 2-1/16" production string. Shut-in well for the day. Darrell Priddy was BLM inspector on location.
- 2/26/19** Checked well pressures: Tubing: 0 psi, Casing: 140 psi, Bradenhead: 25 psi. Bled down well. P/U casing scraper and round tripped to Fruitland perforations at 2501'. P/U CR, TIH and set at 2496'. Loaded and pressure tested tubing to 1000 psi in which it successfully held pressure. R/U cementing services. Squeezed 12 sx of cement below CR at 2496'. Stung out of CR and spotted 47 sx of cement on top of CR at 2496' to cover top the Fruitland perforations at 2456' and Fruitland formation top. TOO H wth tubing. WOC overnight. Shut-in well for the day. Darrell Priddy was BLM inspector on location.
- 2/27/19** Checked well pressures: Tubing: 0 psi, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. TIH and tagged plug #1 top at 2181'. Circulated the wellbore clean with 60 bbls of fresh water. Pressure tested casing to 800 psi in which it successfully held pressure. Loaded Bradenhead with 1 bbl of fresh water and pressure tested to 300 psi in which it successfully held pressure. R/U wire line services. Ran CBL from plug

#1 top at 2181' to surface. CBL results were sent to BLM/NMOCD offices for review. R/U cementing services. Pumped plug #2 from 1608'-1250' to cover the Kirtland and Ojo Alamo formation tops. R/U wire line services. RIH and perforated squeeze holes at 277'. R/U cementing services. Attempted to establish injection rate into perforations at 277' but was unsuccessful. R/U wire line services. RIH and perforated squeeze holes at 215'. R/U cementing services. Attempted to establish circulation down through perforations at 215' and back around and out Bradenhead valve at surface but was unsuccessful. TIH with tubing to 382'. R/U cementing services. Pumped a balanced plug from 382'-220' to cover perforations at 277'. WOC overnight. Shut-in well for the day. Darrell Priddy was BLM inspector on location.

2/28/19

Checked well pressures: Tubing: 0 psi, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. TIH and tagged cement at 218'. R/U cementing services. Attempted to establish circulation down through perforations at 215' and back around and out Bradenhead valve at surface but was unsuccessful. Pumped surface plug from 218'-surface to cover the perforations at 215' and surface casing shoe. N/D BOP and cut-off wellhead. Installed P&A marker per BLM and NMOCD standards. Ran weighted tally tape down both surface and production casings and tagged cement 4' down in surface casing and 10' down in production casing. Ran 3/4" poly pipe down both surface and production casings and topped-off well with 50 sx of cement. Photographed the P&A marker in place and recorded its location via GPS coordinates. R/D and MOL. Darrell Priddy was BLM inspector on location.

#### Plug Summary:

**Plug #1: (Fruitland Perforations and Formation Top, 2496'-2181', 59 Sacks(Squeezed 12 sx) Class G Cement)**

Mixed 59 sx Class G cement. Squeezed 12 sx below CR at 2496'. Stung out of CR and spotted 47 sx of cement on top of CR at 2496' to cover the Fruitland perforations and formation top.

**Plug #2: (Kirtland and Ojo Alamo Formation Tops 1608'-1250', 42 Sacks Class G Cement)**

Mixed 42 sx Class G cement and spotted a balanced plug to cover the Kirtland and Ojo Alamo formation tops.

**Plug #3: (Surface Casing Shoe 382'-Surface, 101 Sacks(50 sx for top-off) Class G Cement)**

Loaded Bradenhead with 1 bbl of fresh water and pressure tested to 300 psi in which it successfully held pressure. Pumped surface plug from 218'-surface to cover the perforations at 215' and surface casing shoe. N/D BOP and cut-off wellhead. Installed P&A marker per BLM and NMOCD standards. Ran weighted tally tape down both surface and production casings and tagged cement 4' down in surface casing and 10' down in production casing. Ran ¾" poly pipe down both surface and production casings and topped-off well with 50 sx of cement. Photographed the P&A marker in place and recorded its location via GPS coordinates. R/D and MOL.

# Wellbore Diagram

Riddle 4S  
API #: 3004525558  
San Juan County, New Mexico

## Plug 3

382 feet - Surface  
382 feet plug  
101 sacks of Class G Cement  
50 sacks for top-off

## Plug 2

1608 feet - 1250  
358 feet plug  
42 sacks of Class G Cement

## Plug 1

2496 feet - 2181  
315 feet plug  
59 sacks of Class G Cement  
12 sacks squeezed below CR

## Surface Casing

8.625" 24# @ 228 ft

## Formation

Ojo Alamo - 1394 ft  
Kirtland - 1525 ft  
Fruitland - 2310 ft

Retainer @ 2496 feet

## Production Casing

5.5" 15.5# @ 2645 ft

