

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.***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		5. Lease Serial No. NMSF078370
2. Name of Operator BP AMERICA PRODUCTION CO		6. If Indian, Allottee or Tribe Name EASTERN NAVAJO
Contact: PATTI CAMPBELL E-Mail: patti.campbell@bpx.com		7. If Unit or CA/Agreement, Name and/or No. 892000844E
3a. Address 1199 MAIN AVE SUITE 101 DURANGO, CO 81301	3b. Phone No. (include area code) Ph: 970-712-5997	8. Well Name and No. GALLEGOS CANYON UNIT 581
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 17 T29N R12W NENE 1045FNL 950FEL		9. API Well No. 30-045-31026-00-S1
		10. Field and Pool or Exploratory Area WEST KUTZ PICTURED CLIFFS
		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 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 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 10/26/18 per the attached Final P&A report and Plugged Well Diagram. A CBL is attached.

NMOCD

NOV 15 2018

DISTRICT III

14. I hereby certify that the foregoing is true and correct.	
Electronic Submission #443745 verified by the BLM Well Information System For BP AMERICA PRODUCTION CO, sent to the Farmington Committed to AFMSS for processing by JACK SAVAGE on 11/13/2018 (18JWS0121SE)	
Name (Printed/Typed) PATTI CAMPBELL	Title REGULATORY ANALYST
Signature (Electronic Submission)	Date 11/12/2018

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

Approved By <b>ACCEPTED</b>	JACK SAVAGE Title PETROLEUM ENGINEER	Date 11/13/2018
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

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## **BP America**

### **Plug And Abandonment End Of Well Report**

#### **GCU 581**

1045' FNL & 950' FEL, Section 17, T29N, R12W

San Juan County, NM / API 30-045-31026

#### **Work Summary:**

- 10/23/18** Made BLM, and NMOCD P&A operations notifications at 10:00 AM MST.
- 10/24/18** MOL and R/U P&A rig. Checked well pressures: Tubing: 20 psi, Casing: 20 psi, Bradenhead: 0 psi. Bled down well. Loaded tubing and pressure tested tubing against rod pump in which it failed to hold pressure. L/D rod string and rod pump. N/D wellhead, N/U BOP and function tested. Shut-in well for the day. Mark Decker was BLM inspector on location.
- 10/25/18** Checked well pressures: Tubing: 0 psi, Casing: 0 psi, Bradenhead: 0 psi. POOH with tubing string. P/U casing scraper and tallied work string on the way in the hole. Round tripped casing scraper above top perforation at 1742'. P/U CR, TIH and set at 1709'. Pressure tested tubing to 1000 psi in which it successfully held pressure. Stung out of CR and circulated the hole clean with 30 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 failed to hold pressure. R/U wire line services. Ran CBL from CR at 1709' to surface. CBL results were sent to NMOCD/BLM offices for review. CBL indicated bad cement from 150'-surface. RIH and perforated squeeze holes at 138'. Shut-in well for the day. Mark Decker was BLM inspector on location.
- 10/26/18** Checked well pressures: Tubing: 0 psi, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. R/U cementing services. Pumped plug #1 from 1709'-1324' to cover the Pictured Cliffs perforations, Pictured Cliffs

and Fruitland formation tops. PUH. Pumped a balanced plug from 533'-188' to cover the Kirtland formation top. Established circulation down through perforations at 138' and back around and out Bradenhead valve at surface. Successfully circulated cement down through perforations at 138' and back around and out Bradenehead valve at surface. 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 8' down in surface casing and 9' down in production casing. Ran  $\frac{3}{4}$ " poly pipe down both surface and production casings and topped off well with 34 sx of cement. Recorded GPS coordinates and photographed the P&A marker in place. R/D and MOL. Mark Decker was BLM inspector on location.

#### **Plug Summary:**

##### **Plug #1: (Pictured Cliffs Perforations, Pictured Cliffs and Fruitland and Formation Tops 1709'-1324', 30 Sacks Class G Cement)**

Mixed 30 sx Class G cement and spotted a balanced plug to cover the Pictured Cliffs perforations, Pictured Cliffs and Fruitland formation tops.

##### **Plug #2: (Surface 533'-surface, 107 Sacks Class G Cement(34 sx for top-off))**

Loaded Bradenhead with 1 bbl of fresh water and pressure tested to 300 psi in which it failed to hold pressure. RIH and perforated at 138'. Mixed 107 sx Class G cement and pumped a balanced plug from 533'-188' to cover the Kirtland formation top. Established circulation down through perforations at 138' and back around and out Bradenhead valve at surface. Successfully circulated cement down through perforations at 138' and back around and out Bradenhead valve at surface. 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 8' down in surface casing and 9' down in production casing. Ran  $\frac{3}{4}$ " poly pipe down both surface and production casings and topped off well with 34 sx of cement. Recorded GPS coordinates and photographed the P&A marker in place.



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## Wellbore Diagram

Gallegos Canyon Unit 581

API #: 3004531026

San Juan, New Mexico

### Surface Casing

7" 23# @ 122 ft

### Plug 2

533 feet - Surface

533 feet plug

107 sacks of Class G Cement

34 sacks for top-off

### Plug 1

1709 feet - 1324 feet

385 feet plug

30 sacks of Class G Cement

### Formation

Kirtland - 465 feet

Fruitland Coal - 1180 feet

Pictured Cliffs - 1740 feet

Retainer @ 1709 feet

### Perforations

1746 feet - 1768 feet

### Production Casing

4.5" 10.5# @ 1963 ft

