

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. 1149IND8475
2. Name of Operator BP AMERICA PRODUCTION CO Contact: PATTI CAMPBELL E-Mail: patti.campbell@bpx.com	6. If Indian, Allottee or Tribe Name EASTERN NAVAJO
3a. Address 1199 MAIN AVE SUITE 101 DURANGO, CO 81301	7. If Unit or CA/Agreement, Name and/or No.
3b. Phone No. (include area code) Ph: 970-712-5997	8. Well Name and No. GALLEGOS CANYON UNIT 39
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 16 T28N R12W SWSW 0990FSL 0990FWL 36.657590 N Lat, 108.121950 W Lon	9. API Well No. 30-045-07415-00-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 recomplete 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 9/14/18 per the attached Final P&A report and Plugged Well Diagram. A CBL is attached.

NMOCD

DEC 11 2018

DISTRICT III

14. I hereby certify that the foregoing is true and correct. <b>Electronic Submission #435839 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 11/09/2018 (18JWS0117SE)</b>	
Name (Printed/Typed) PATTI CAMPBELL	Title REGULATORY ANALYST
Signature (Electronic Submission)	Date 09/18/2018

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

Approved By <b>ACCEPTED</b>	JACK SAVAGE Title PETROLEUM ENGINEER	Date 11/09/2018
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 39**

990' FSL & 990' FWL, Section 16, T28N, R12W

San Juan County, NM / API 30-045-07415

#### **Work Summary:**

- 9/12/18** Made BLM, and NMOCD P&A operations notifications at 9:00 AM MST.
- 9/13/18** MOL and R/U P&A rig. Checked well pressures: Tubing: 0 psi, Casing: 20 psi, Bradenhead: 0 psi. Bled down well. Pressure tested tubing to 1000 psi against rod pump in which it successfully held pressure. L/D rod string and rod pump. Shut-in well for the day.
- 9/14/18** Checked well pressures: Tubing: 0 psi, Casing: 20 psi, Bradenhead: 0 psi. Bled down well. N/D wellhead, N/U BOP and function tested. POOH with production tubing and tallied coming out of the hole. P/U casing scraper and round tripped above top perforation at 1242'. P/U CR, TIH and set at 1192'. 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. R/U wire line services. Ran CBL from CR at 1192' to surface. CBL results were sent to NMOCD/BLM offices for review. CBL results indicated good cement from CR at 1192' to surface. R/U cementing services. Pumped plug #1 from 1192'-950' to cover the Pictured Cliffs interval, Fruitland perforations and formation top. PUH. Attempted to pressure test Bradenhead but noticed a hole in the surface casing at surface. Ran weighted tally tape down the hole in the surface casing and tagged cement 6' down. Once wellhead was cut-off cement was verified to be 6' down in surface casing. R/U cementing services. Pumped surface plug from 157'-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 30' down in production casing and 6' down in surface casing. Ran ¾"

poly pipe down production casing to 30' and topped off well with 20 sx of cement. Recorded GPS coordinates and photographed the P&A marker in place. R/D and MOL. Jamie Joe was BLM inspector on location.

**Plug Summary:**

**Plug #1: (Fruitland Perforations and Formation Top 1192'-950', 34 Sacks Class G Cement)**

Mixed 34 sx Class G cement and spotted a balanced plug to cover the Pictured Cliffs interval, Fruitland perforations, and formation top.

**Plug #2: (Surface 157'-surface, 38 Sacks Class G Cement(20 sx for top-off))**

Mixed 38 sx Class G cement and pumped surface plug from 157'-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. Tagged cement 30' down in production casing and 6' down in surface casing. Ran 3/4" poly pipe down production casing to 30' and topped off well with 20 sx of cement. Took a picture of the P&A marker in place and recorded its GPS coordinates. RD and MOL.

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## Wellbore Diagram

Gallegos Canyon Unit 39

API #: 3004507415

San Juan, New Mexico

### Surface Casing

8.625" 26# @ 89ft

### Plug 2

157 feet - Surface

157 feet plug

38 sacks of Class G Cement

20 sacks for top-off

### Plug 1

1192 feet - 950 feet

242 feet plug

34 sacks of Class G Cement

### Formation

Fruitland Coal - 1242 feet

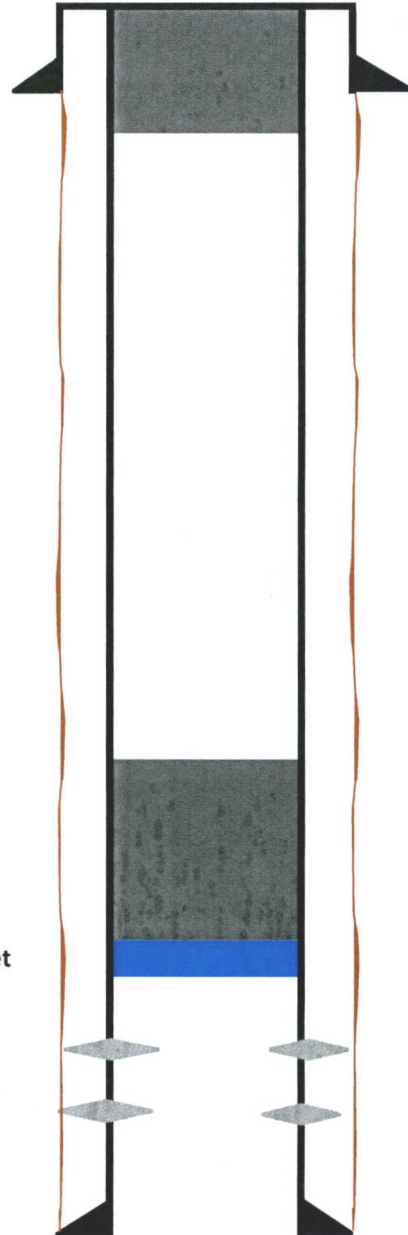
Retainer @ 1192 feet

### Perforations

1242 feet - 1256 feet

### Production Casing

5.5" 15.5# @ 1269 ft



## Powell, Brandon, EMNRD

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**From:** Drake McCulloch <drake@dwsrigs.com>  
**Sent:** Thursday, January 17, 2019 2:31 PM  
**To:** Powell, Brandon, EMNRD  
**Subject:** [EXT] Drake Well Service P&A GCU 39 Amendment

Brandon,

Here is the breakdown of the plug amendment on Plug #1(Fruitland perforations and formation top):

Initial Report: Plug #1 from 1192'-950'(According to COA plug interval should be: 1192'-905(855' with excess) Fruitland Top Defined at 955'

Actual Volume Pumped: 34 sx Class G cement w/ yield of 1.15 cu-ft/sk

Cement Volume Calculations: 5.5" 15.5# Casing ID = 4.95"

$3.14 \times X(4.95/24)^2$

$3.14X(0.04253906) = 45.01$

$X(0.04253906) = 45.01/3.14$

$X(0.04253906) = 14.34$

$X = 14.34/0.04253906 = 337'$

1192'-337'(actual plug interval pumped) = 855' is Actual TOC for Plug #1 to cover the Fruitland perforations and formation top.

Regards,

**Drake McCulloch**  
Vice President

  
**Drake**  
WELL SERVICE INC.  
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Email: drake@dwsrigs.com