

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED

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		5. Lease Serial No. I149IND8474
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	3b. Phone No. (include area code) Ph: 970-712-5997	7. If Unit or CA/Agreement, Name and/or No. 892000844F
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 16 T28N R12W NWNE 0910FNL 2460FEL 36.666950 N Lat, 108.115850 W Lon		8. Well Name and No. GALLEGOS CANYON UNIT 214
		9. API Well No. 30-045-11623-00-S1
		10. Field and Pool or Exploratory Area BASIN
		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 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.

The subject well was plugged and abandoned on 3/11/19 per the attached Final P&A report and Plugged Well Diagram.

NMOC

APR 15 2019

DISTRICT III

14. I hereby certify that the foregoing is true and correct. <b>Electronic Submission #459188 verified by the BLM Well Information System For BP AMERICA PRODUCTION CO, sent to the Farmington Committed to AFMSS for processing by KUO-SHAN KAO on 03/26/2019 (18JWS0105SE)</b>	
Name (Printed/Typed) PATTI CAMPBELL	Title REGULATORY ANALYST
Signature (Electronic Submission)	Date 03/25/2019

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

Approved By <b>ACCEPTED</b>	KUO-SHAN KAO Title PETROLEUM ENGINEER	Date 03/26/2019
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.

(Instructions on page 2)

**\*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\***

NMOC

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## **BP America**

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

#### **GCU 214**

910' FNL & 2460' FEL, Section 16, T28N, R12W

San Juan County, NM / API 30-045-11623

#### **Work Summary:**

- 2/28/19** Made BLM and NMOCD P&A operations notifications at 10:00 AM MST.
- 3/1/19** MOL and R/U P&A unit. Checked well pressures: Tubing: 70 psi, Casing: 600 psi, Bradenhead: 75 psi. Bled down well. N/D wellhead, N/U BOP and function tested. Shut-in well for the day.
- 3/4/19** Checked well pressures: Tubing 0 psi, Casing: 200 psi, Bradenhead: 70 psi. Bled down well. TOOH with production string and tallied on the way out of the hole. P/U casing scraper and round tripped above top perforation at 5893'. P/U CR, TIH and set at 5866'. Loaded tubing and pressure tested to 1000 psi in which it successfully held pressure. Stung out of CR and circulated the wellbore clean with 80 bbls of fresh water. Pressure tested casing to 800 psi in which it failed to hold pressure. Shut-in well for the day. Clay Yazzie was BLM inspector on location.
- 3/5/19** Checked well pressures: Tubing: 0 psi, Casing: 0 psi, Bradenhead: 50 psi. Bled down well. TOOH with tubing and attempted to load wellbore to run CBL. Wellbore could not hold a static column of fluid to run CBL. P/U CR, TIH and set at 5771'. Loaded the wellbore and pressure tested to 800 psi in which it failed to hold pressure. R/U wire line services. Ran CBL from CR at 5771' to surface. CBL results were sent to BLM/NMOCD offices for review. Shut-in well for the day. Clay Yazzie was BLM inspector on location.

- 3/6/19 Checked wellbore pressures: Tubing: 0 psi, Casing: 0 psi, Bradenhead: 30 psi. Bled down well. TIH to top of CR at 5771'. R/U cementing services. Pumped plug #1 from 5771'-5546' to cover the Dakota perforations and formation top. WOC 4 hours. TIH and tagged plug #1 top at 5546'. Attempted to pressure test casing to 800 psi in which it failed to hold pressure. PUH. R/U cementing services. Pumped plug #2 from 4982'-4757' to cover the Gallup formation top. WOC overnight. Shut-in well for the day. Clay Yazzie was BLM inspector on location.
- 3/7/19 Checked well pressures: Tubing: 0 psi, Casing: 0 psi, Bradenhead: 15 psi. Bled down well. TIH and tagged plug #2 top at 4727'. Attempted to pressure test casing to 800 psi in which it failed to hold pressure. PUH. R/U cementing services. Pumped plug #3 from 4080'-3855' to cover the Mancos formation top. WOC 4 hours. TIH and tagged plug #3 top at 3824'. Attempted to pressure test casing to 800 psi in which it failed to hold pressure. PUH. Pumped plug #4 from 2935'-2710' to cover the Mesa Verde formation top. WOC overnight. Shut-in well for the day. Clay Yazzie was BLM inspector on location.
- 3/8/19 Checked well pressures: Tubing: 0 psi, Casing: 0 psi, Bradenhead: 15 psi. Bled down well. Loaded Bradenhead with 1 bbl of fresh water and pressure tested to 300 psi in which it successfully held pressure. TIH and tagged plug #4 top at 2667'. Attempted to pressure test casing to 800 psi in which it failed to hold pressure. PUH. R/U cementing services. Pumped plug #5 from 2288'-2063' to cover the Chacra formation top. WOC 4 hours. TIH and tagged plug #5 top at 1990'. Pressure tested casing to 800 psi in which it successfully held pressure. PUH. R/U cementing services. Pumped plug #6 from 1339'-871' to cover the Pictured Cliffs and Fruitland formation tops. R/U wire line services. RIH and perforated squeeze holes at 397'. R/U cementing services. Attempted to establish circulation down through perforations at 397' and back around and out Bradenhead valve at surface but was unsuccessful. Pumped surface plug from 447'-surface to cover perforations at 397' and surface casing shoe. WOC over the weekend. Left surface plug shut-in under pressure. Shut-in well for the day. Clay Yazzie was BLM inspector on location.
- 3/11/19 Checked well pressures: Tubing: 0 psi, Casing 0 psi, Bradenhead: 15 psi. Bled down well. 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 100' down in surface casing and 54' down in production casing. Ran 3/4" poly pipe down both casings and topped off well with 80 sx of cement. Photographed the P&A marker in place and recorded its location via

GPS coordinates. R/D and MOL. Clay Yazzie was BLM inspector on location.

**Plug Summary:**

**Plug #1: (Dakota Perforations and Formation Top 5771'-5546', 17 Sacks Class G Cement)**

Mixed 17 sx Class G cement and spotted a balanced plug to cover Dakota perforations and formation top.

**Plug #2: (Gallup Formation Top 4982'-4727', 17 Sacks Class G Cement)**

Mixed 17 sx Class G cement and spotted a balanced plug to cover Gallup formation top.

**Plug #3: (Mancos Formation Top 4080'-3824', 17 Sacks Class G Cement)**

Mixed 17 sx Class G cement and spotted a balanced plug to cover Mancos formation top.

**Plug #4: (Mesa Verde Formation Top 2935'-2667', 17 Sacks Class G Cement)**

Mixed 17 sx Class G cement and spotted a balanced plug to cover Mesa Verde formation top.

**Plug #5: (Chacra Formation Top 2288'-1990', 17 Sacks Class G Cement)**

Mixed 17 sx Class G cement and spotted a balanced plug to cover Chacra formation top.

**Plug #6: (Pictured Cliffs and Fruitland Formation Tops 1339'-871', 36 Sacks Class G Cement)**

Mixed 36 sx Class G cement and spotted a balanced plug to cover Pictured Cliffs and Fruitland formation tops.

**Plug #7: (Surface Shoe 447'-surface, 114 Sacks Class G Cement, 80 Sacks for top-off)**

Loaded Bradenhead with 1 bbl of fresh water and pressure tested to 300 psi in which it successfully held pressure. Pumped surface plug from 447'-surface to cover perforations at 397' and surface casing shoe. WOC over the weekend. Left surface plug shut-in under

pressure. 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 100' down in surface casing and 54' down in production casing. Ran 3/4" poly pipe down both casings and topped off well with 80 sx of cement. Photographed the P&A marker in place and recorded its location via GPS coordinates. R/D and MOL.

# Wellbore Diagram

GCU 214

API #: 3004511623

San Juan County, New Mexico

## Plug 7

447 feet - Surface

447 feet plug

114 sacks of Class G Cement

80 sacks for top-off

## Plug 6

1339 feet - 871 feet

468 feet plug

36 sacks of Class G Cement

## Plug 5

2288 feet - 1990 feet

298 feet plug

17 sacks of Class G Cement

## Plug 4

2935 feet - 2667 feet

268 feet plug

17 sacks of Class G Cement

## Plug 3

4080 feet - 3824 feet

256 feet plug

17 sacks of Class G Cement

## Plug 2

4982 feet - 4727 feet

255 feet plug

17 sacks of Class G Cement

## Plug 1

5771 feet - 5546 feet

225 feet plug

17 sacks of Class G Cement

## Surface Casing

8.625" 24# @ 347 ft

## Formation

Lewis - 1414 feet

Chacra - 1845 feet

Cliff House - 2864 feet

Menefee - 2894 feet

Pictured Cliffs - 3755 feet

Mancos - 4030 feet

Gallup - 4932 feet

Greenhorn - 5705 feet

Graneros - 5772 feet

Two Wells - 5808 feet

Cubero - 5880 feet

Retainer @ 5771 feet

## Production Casing

4.5" 10.5# @ 6011 ft

