

Submit 1 Copy To Appropriate District Office  
 District I - (575) 393-6161  
 1625 N. French Dr., Hobbs, NM 88240  
 District II - (575) 748-1283  
 811 S. First St., Artesia, NM 88210  
 District III - (505) 334-6178  
 1000 Rio Brazos Rd., Aztec, NM 87410  
 District IV - (505) 476-3460  
 1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
 Energy, Minerals and Natural Resources

Form C-103  
 Revised July 18, 2013

OIL CONSERVATION DIVISION  
 1220 South St. Francis Dr.  
 Santa Fe, NM 87505

WELL API NO. 30-045-11651
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. E-2447-1
7. Lease Name or Unit Agreement Name GALLEGOS CANYON UNIT
8. Well Number 211
9. OGRID Number 000778
10. Pool name or Wildcat BASIN DAKOTA
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 5469'

**SUNDRY NOTICES AND REPORTS ON WELLS**  
 (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well: Oil Well  Gas Well  Other

2. Name of Operator  
BP America Production Company- L48

3. Address of Operator  
1515 Arapahoe St, Tower 1. Suite 700  
Denver, CO 80202

4. Well Location  
 Unit Letter G : 1650 feet from the North line and 1650 feet from the East line  
 Section 32 Township 29N Range 12W NMPM San Juan County

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

- PERFORM REMEDIAL WORK  PLUG AND ABANDON   
 TEMPORARILY ABANDON  CHANGE PLANS   
 PULL OR ALTER CASING  MULTIPLE COMPL   
 DOWNHOLE COMMINGLE   
 CLOSED-LOOP SYSTEM   
 OTHER:

SUBSEQUENT REPORT OF:

- REMEDIAL WORK  ALTERING CASING   
 COMMENCE DRILLING OPNS.  P AND A   
 CASING/CEMENT JOB   
 OTHER:

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Please see the attached P&A operations performed on the subject well June 2018.

Spud Date: 01/24/1966 Rig Release Date: JUN 25 2018  
 PNR Only  
 NMOCB  
 DISTRICT III

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Toya Colvin TITLE Regulatory Analyst DATE 06/20/2018

Type or print name Toya Colvin E-mail address: Toya.Colvin@bp.com PHONE: 281-892-5369

**For State Use Only**  
 APPROVED BY: Brand Pell TITLE Deputy Oil & Gas Inspector, District #3 DATE 6/28/18  
 Conditions of Approval (if any): FV

# BP America

## Plug And Abandonment End Of Well Report

### GCU 211

1650' FNL & 1650' FEL, Section 32, T29N, R12W

San Juan County, NM / API 30-045-11651

#### Work Summary:

- 6/3/18** Made BLM, and NMOCD P&A operations notifications at 9:00 AM MST.
- 6/4/18** MOL and R/U P&A unit. Checked well pressures: Tubing: 0 psi, Casing: 420 psi, Bradenhead: 20 psi. Bled down well. N/D wellhead, N/U BOP and function tested. Mandrel was stuck in tubing hangar. Made up spear and speared into mandrel and fished it out of the hole. L/D spear. TOH tallying production string. P/U casing scraper and TIH half way above top perforation. Shut-in well for the day.
- 6/5/18** Checked well pressures: Tubing 0 psi, Casing: 0 psi, Bradenhead: 20 psi. Bled down well. Finished round tripping casing scraper above top perforation at 5914'. P/U CR, TIH and set at 5865'. Pressure tested tubing to 1000 psi in which it successfully held pressure. Stung out of CR and pressure tested casing to 800 psi in which it failed to hold pressure. TOH with tubing and L/D stinger nose. R/U wireline services. Ran CBL from CR at 5865' to surface. CBL was sent to NMOCD office for review. R/D wireline. Shut-in well for the day. Ready to start cementing services 6-6-18. Thomas Vermersch was NMOCD inspector on location.
- 6/6/18** Checked well pressures: Tubing: 0 psi, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. TIH with cementing sub. R/U cementing services. Pumped **Plug #1: (Dakota Perforations and Formation Top 5865'-5782', 11 Sacks Class G Cement)** Mixed 11 sx Class G cement and spotted a balanced plug to cover Dakota perforations and formation top. WOC 4 hours. TIH and tagged plug #1 top at 5782'. Pressure tested casing to 800 psi in which it failed to hold pressure.

During pressure testing tubing was found to be plugged. TOH and L/D plugged joint. TIH to 5091'. Shut-in well for the day. Thomas Vermersh was NMOCD inspector on location.

- 6/8/18** Checked well pressures: Tubing: 0 psi, Casing: 0 psi, Bradenhead: 15 psi. Bled down well. R/U cementing services. Pumped **Plug #2: (Gallup Formation Top 5091'-4890', 15 Sacks Class G Cement)** Mixed 15 sx Class G cement and spotted a balanced plug to cover Gallup formation top. WOC over the weekend. Shut-in well for the day. Thomas Vermersch was NMOCD inspector on location.
- 6/11/18** Checked well pressures: Tubing: 0 psi, Casing: 0 psi, Bradenhead: 20 psi. Bled down well. TIH and tagged plug #2 top at 4890'. Pressure tested casing to 800 psi in which it failed to hold pressure. R/U cementing services. **Pumped Plug #3: (Mancos Formation Top 3964'-3818', 12 Sacks Class G Cement)** Mixed 12 sx Class G cement and spotted a balanced plug to cover Mancos formation top. WOC 4 hours. TIH and tagged plug #3 top at 3818'. Pressure tested casing to 800 psi in which it failed to hold pressure. R/U cementing services. Pumped **Plug #4: (Mesa Verde Formation Top 3307'-3152', 12 Sacks Class G Cement)** Mixed 12 sx Class G cement and spotted a balanced plug to cover Mesa Verde formation top. Shut-in well for the day. Thomas Vermersch was NMOCD inspector on location.
- 6/12/18** Checked well pressures: Tubing: 0 psi, Casing: 0 psi, Bradenhead: 20 psi. Bled down well. TIH and tagged plug #4 top at 3152'. Pressure tested casing to 800 psi in which it successfully held pressure. R/U wireline services. RIH and perforated squeeze holes at 2390'. P/U CR, TIH and set at 2342'. Stung into CR and attempted to establish injection rate but was unsuccessful. Stung out of CR and pumped **Plug #5: (Chacra Formation Top 2342'-2192', 12 Sacks Class G Cement)** Mixed 12 sx of Class G cement and spotted a balanced plug to cover Chacra formation top. R/U wireline services. RIH and perforated squeeze holes at 1240'. P/U CR, TIH and set at 1187'. Stung into CR and attempted to establish injection rate but was only able to squeeze approximately 1 bbl of cement below CR at 1187'. Stung out of CR and pumped **Plug #6: (Pictured Cliffs Formation Top 1240'-1090', 12 Sacks Class G Cement)** Mixed 12 sx of Class G cement and spotted a balanced plug to cover Pictured Cliffs formation top. R/U wireline services. RIH and perforated squeeze holes at 1080'. Attempted to establish injection rate into perforations at 1080' but was unsuccessful. **Pumped Plug #7: (Fruitland Formation Top 1082'-475', 48 Sacks Class G Cement)** Mixed 48 sx of Class G cement and spotted a balanced plug to cover Fruitland formation top. POOH. R/U wireline services. RIH and perforated squeeze holes at 450'. Attempted to establish circulation around

Bradenhead but was unsuccessful. Pressure tested Bradenhead to 300 psi in which it failed to hold pressure. R/U wireline services. RIH and perforated squeeze holes at 375'. Attempted to establish circulation around Bradenhead but was unsuccessful. R/U wireline services. RIH and perforated at 343'. Attempted to establish circulation around Bradenhead but was unsuccessful. Shut-in well for the day. Thomas Vermersch was NMOCD inspector on location.

**6/13/18**

Checked well pressures: Tubing: 0 psi, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. TIH to 468'. R/U cementing services. Pumped **Plug #8: (Kirtland Formation Top 468'-300', 14 Sacks Class G Cement)** Mixed 14 sx of Class G cement and spotted a balanced plug to cover Kirtland formation top. R/U wireline services. RIH and perforated squeeze holes at 100'. Successfully established circulation through squeeze holes and around Bradenhead. R/U cementing services. Pumped **Plug #9: (Surface Shoe 100'-surface, 52 Sacks Class G Cement, 12 Sacks for top-off)** and successfully circulated cement to surface and out Bradenhead valve. N/D BOP and cut-off wellhead. Topped-off well with 12 sx of cement. Installed P&A marker per BLM and NMOCD standards. Took picture of P&A marker in place and recorded GPS coordinates. R/D and MOL. Thomas Vermersch was NMOCD inspector on location.

# Wellbore Diagram

Gallegos Canyon Unit 211  
API #: 3004511651  
San Juan, New Mexico

## Plug 9

100 feet - Surface  
100 feet plug  
52 sacks of Class G Cement  
12 sacks of cement for top off

## Plug 8

468 feet - 300 feet  
168 feet plug  
14 sacks of Class G Cement

## Plug 7

1082 feet - 475 feet  
607 feet plug  
48 sacks of Class G Cement

## Plug 6

1240 feet - 1090 feet  
150 feet plug  
12 sacks of Class G Cement

## Plug 5

2342 feet - 2192 feet  
150 feet plug  
12 sacks of Class G Cement

## Plug 4

3307 feet - 3152 feet  
155 feet plug  
12 sacks of Class G Cement

## Plug 3

3964 feet - 3818 feet  
146 feet plug  
12 sacks of Class G Cement

## Plug 2

5091 feet - 4890 feet  
201 feet plug  
15 sacks of Class G Cement

## Plug 1

5865 feet - 5782 feet  
83 feet plug  
11 sacks of Class G Cement

## Perforations

5914 feet - 5928 feet  
6001 feet - 6019 feet

## Surface Casing

8.625" 24# @ 368 ft

## Formation

Pictured Cliffs - 1354 feet  
MesaVerde - 3280 feet  
Mancos - 4110 feet  
Gallup - 5036 feet  
Dakota - 5995 feet

Retainer @ 5865' feet

## Production Casing

4.5" 10.5# @ 6090 ft

