

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. 30-045-07678
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input checked="" type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name Gallegos Canyon Unit
8. Well Number 189
9. OGRID Number 000778
10. Pool name or Wildcat Basin Dakota
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 5685'

**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 E : 2480 feet from the North line and 1160 feet from the West line  
 Section 36 Township 29N Range 13W 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 April 2018

Approved for plugging of wellbore only.  
 Liability under bond is retained pending  
 Receipt of C-103 (Subsequent Report of Well  
 Plugging) which may be found @ OCD web  
 page under forms  
[www.emnrd.state.us/oed](http://www.emnrd.state.us/oed)

Spud Date:

11/14/1964

DISTRICT III  
 APR 30 2018  
 NMOC

*P&A only*

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 4/26/2018

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

**For State Use Only**

APPROVED BY: Brad Bell TITLE Deputy Oil & Gas Inspector, District #3 DATE 5/3/18

Conditions of Approval (if any):

*FV*

# BP America

## Plug And Abandonment End Of Well Report

**GCU 189**

2480' FNL & 1160' FWL, Section 36, T29N, R13W

San Juan County, NM / API 30-045-07678

### Work Summary:

- 4/16/18** Made BLM, and NMOCD P&A operations notifications at 9:00 AM MST.
- 4/17/18** MOL and R/U P&A unit. Checked well pressures: Tubing: 0 psi, Casing: 550 psi, Bradenhead: 0 psi. Bled down well. N/D wellhead and N/U BOP and function tested. TOH tallying production string. P/U casing scraper and TIH above top perforation at 6072'. Dropped standing valve and pressure tested tubing to 1000 psi in which it successfully held pressure. Retrieved standing valve and TOH to surface and L/D casing scraper. Shut-in well for the day.
- 4/18/18** Checked well pressures: Tubing 0 psi, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. P/U CR, TIH and set at 6022'. Circulated hole clean with 65 bbls of fresh water. 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 6022' to surface. CBL was sent to NMOCD office for review. R/D wireline. TIH with cementing sub to 6022'. Shut-in well for the day. Ready to start cementing services 4-19-18. Thomas Vermersch was NMOCD inspector on location.
- 4/19/18** Checked well pressures: Tubing: 0 psi, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. R/U cementing services. **Pumped Plug #1:** (Dakota Perforations and Formation Top 6022'-5863', 10 Sacks Class G Cement) Mixed 10 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 5863'. R/U cementing services. **Pumped Plug #2:** (Gallup Formation Top 5228'-5011', 12 Sacks Class G Cement)

Mixed 12 sx Class G cement and spotted a balanced plug to cover Gallup formation top. WOC 4 hours. TIH and tagged plug #2 top at 5011'. R/U cementing services. **Pumped Plug #3:** (Mancos Formation Top 4310'-4060', 16 Sacks Class G Cement) Mixed 16 sx Class G cement and spotted a balanced plug to cover Mancos formation top. WOC overnight. Shut-in well for the day. Thomas Vermersh was NMOCD inspector on location.

**4/20/18** Checked well pressures: Tubing: 0 psi, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. TIH and tagged plug #3 top at 4060'. Pressure tested casing to 800 psi in which it failed to hold pressure. **Pumped Plug #4:** (Mesa Verde and Chacra Formation Tops 3130'-2400', 69 Sacks Class G Cement) Mixed 69 sx Class G cement and spotted a balanced plug to cover Mesa Verde and Chacra formation tops. WOC 4 hours. TIH and tagged plug #4 top at 2472'. Pressure tested casing to 800 psi in which it successfully held pressure. R/U cementing services and topped off plug #4 from 2472'-2400'. **Pumped Plug #5:** (Pictured Cliffs Formation Top 1547'-1400', 12 Sacks Class G Cement) Mixed 12 sx Class G cement and spotted a balanced plug to cover Pictured Cliffs formation top. PUH. **Pumped Plug #6:** (Fruitland and Kirtland Formation Tops 1194'-670', 42 Sacks Class G Cement) Mixed 42 sx of Class G cement and spotted a balanced plug to cover Fruitland and Kirtland formation tops. POOH. R/U wireline services. RIH and perforated squeeze holes at 570'. P/U CR, TIH and set at 538'. Stung into CR and attempted to establish injection rate but was unsuccessful. R/U cementing services. **Pumped Plug #7:** (Ojo Alamo Formation Top 570'-300', 19 Sacks Class G Cement) Mixed 19 sx of Class G cement and spotted a balanced plug to cover Ojo Alamo formation top. POOH. Pressure tested Bradenhead to 300 psi in which it failed to hold pressure. R/U wireline services. RIH and perforated squeeze holes at 100'. Attempted to establish injection rate but was unsuccessful. R/U cementing services. **Pumped Plug #8:** (Surface Shoe 100'-surface, 50 Sacks Class G Cement, 35 Sacks for top-off). N/D BOP and cut-off wellhead. Installed P&A marker per BLM and NMOCD standards. Shut-in well for the day. Thomas Vermersh was NMOCD inspector on location. Top-off well 4-23-18.

**4/23/18** Ran weighted tally tape down surface casing and tagged cement 40' down. RIH with 3/4" poly pipe. R/U cementing services. Pumped 35 sx of Class G cement down 3/4" poly pipe from 40' to surface and topped off well. Took picture of P&A marker in place and recorded its location via GPS coordinates. Thomas Vermersh was NMOCD inspector on location.

# Wellbore Diagram

Gallegos Canyon Unit 189  
API #: 3004507678  
San Juan, New Mexico

## Plug 8

100 feet - Surface  
100 feet plug  
50 sacks of Class G Cement  
35 sacks of cement for top off

## Plug 7

570 feet - 300 feet  
270 feet plug  
19 sacks of Class G Cement

## Plug 6

1194 feet - 670 feet  
524 feet plug  
42 sacks of Class G Cement

## Plug 5

1547 feet - 1400 feet  
147 feet plug  
12 sacks of Class G Cement

## Plug 4

3130 feet - 2400 feet  
730 feet plug  
69 sacks of Class G Cement

## Plug 3

4310 feet - 4060 feet  
250 feet plug  
16 sacks of Class G Cement

## Plug 2

5228 feet - 5011 feet  
217 feet plug  
12 sacks of Class G Cement

## Plug 1

6022 feet - 5863 feet  
159 feet plug  
10 sacks of Class G Cement

## Perforations

6072 feet - 6092 feet  
6154 feet - 6210 feet

## Surface Casing

8.625" 24# @ 348 ft

## Formation

Pictured Cliffs - 1500 feet  
MesaVerde - 3080 feet  
Mancos - 4260 feet  
Gallup - 5178 feet  
Dakota - 6150 feet  
Dakota - 5722 feet

Retainer @ 6022 feet

Production Casing  
4.5" 10.5# @ 6260 ft

