

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

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

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| 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.) | | WELL API NO. 30-045-07678 |
| 1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other <input type="checkbox"/> | | 5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input checked="" type="checkbox"/> |
| 2. Name of Operator BP America Production Company- L48 | | 6. State Oil & Gas Lease No. |
| 3. Address of Operator 1515 Arapahoe St, Tower 1 Suite 700 Denver, CO 80202 | | 7. Lease Name or Unit Agreement Name Gallegos Canyon Unit |
| 4. Well Location Unit Letter <u>E</u> : <u>2480</u> feet from the <u>North</u> line and <u>1160</u> feet from the <u>West</u> line Section <u>36</u> Township <u>29N</u> Range <u>13W</u> NMPM <u>San Juan</u> County | | 8. Well Number 189 |
| 11. Elevation (Show whether DR, RKB, RT, GR, etc.) 5685' | | 9. OGRID Number 000778 |
| | | 10. Pool name or Wildcat Basin Dakota |

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

Spud Date:

11/14/1964

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, DATE 5/3/18
District #3

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

