

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

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
5469'

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:

NMOC

JUN 25 2018

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 Bell TITLE Deputy Oil & Gas Inspector, DATE 6/28/18
District #3

Conditions of Approval (if any):

FN

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

