

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. 30-045-24173
5. Indicate Type of Lease STATE <input 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 211E
9. OGRID Number 000778
10. Pool name or Wildcat BASIN DAKOTA

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  
380 Airport Road  
Durango, CO 81303

4. Well Location

Unit Letter C: 900 feet from the North line and 1740 feet from the West line  
Section 32 Township 29N Range 12W NMPM San Juan County

11. Elevation (Show whether DR, RKB, RT, GR, etc.)  
5441'

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.

The subject well was plugged and abandoned on 7/6/2018 per the attached Final P&A report and Plugged Well Diagram.

Spud Date: 02/27/1980

Rig Release Date: 7/6/2018

PNR Only  
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

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

SIGNATURE Patti Campbell TITLE Regulatory Analyst DATE 7/13/2018

Type or print name Patti Campbell E-mail address: Patti.Campbell@bpx.com PHONE: 970-712-5997

For State Use Only

APPROVED BY: Brandon Powell TITLE Deputy Oil & Gas Inspector, DATE 7/30/18  
District #3

Conditions of Approval (if any):

AV

NMOCD

JUL 18 2018

DISTRICT III

6

## **BP America**

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

#### **GCU 211E**

900' FNL & 1740' FWL, Section 32, T29N, R12W

San Juan County, NM / API 30-045-24173

#### **Work Summary:**

- 6/27/18** Made BLM, and NMOCD P&A operations notifications at 9:00 AM MST.
- 6/28/18** MOL and R/U P&A unit. Checked well pressures: Tubing: 150 psi, Casing: 260 psi, Bradenhead: 10 psi. Bled down well. N/D wellhead, N/U BOP and function tested. Pulled tubing hangar and one joint of tubing. Shut-in well for the day.
- 6/29/18** Checked well pressures: Tubing 150 psi, Casing: 210 psi, Bradenhead: 0 psi. Bled down well. Round tripped casing scraper above top perforation at 5916'. P/U CR, TIH and set at 5866'. Pressure tested tubing to 1000 psi in which it successfully held pressure. Stung out of CR and circulated the hole clean with 80 bbl of fresh water. Pressure tested casing to 800 psi in which it successfully held pressure. Shut-in well for the day.
- 7/2/18** Checked well pressures: Tubing: 0 psi, Casing: 0 psi, Bradenhead: 10 psi. Bled down well. Pressure tested casing to 800 psi for NMOCD inspector to witness. The casing lost 40 psi in the 15 min interval in which the NMOCD inspector deemed the test a fail. TOH with tubing. R/U wire line services. Ran CBL from CR at 5866' to surface. Sent CBL results to NMOCD office for review. CBL indicated no cement from approximately 1400'-400'. TIH with cementing sub to 5866'. R/U cementing services. Pumped plug #1 from 5866'-5727' to cover the Dakota perforations and formation top. WOC overnight. Shut-in well for the day. Monica Kuehling was NMOCD inspector on location.



- 7/3/18** Checked well pressures: Tubing: 0 psi, Casing: 0 psi, Bradenhead: 5 psi. Bled down well. TIH and tagged plug #1 top at 5770'. Pressure tested casing to 800 psi in which it successfully held pressure. R/U cementing services. Pumped plug #2 from 5072'-4922' to cover Gallup formation top. Pulled up hole. Pumped plug #3 from 4160'-4010' to cover the Mancos formation top. Pulled up hole. Pumped plug #4 from 3330'-3150' to cover the Mesa Verde formation top. Pulled up hole. Pumped plug #5 from 2392'-2242' to cover the Chacra formation top. Shut-in well for the day. Monica Kuehling was NMOCD inspector on location.
- 7/5/18** Checked well pressures: Tubing: 0 psi, Casing: 0 psi, Bradenhead: 5 psi. Bled down well. R/U wire line services. RIH and perforated squeeze holes at 1398'. P/U CR, TIH and set at 1348'. R/U cementing services. Squeezed 44 sx of cement through CR at 1348', stung out of CR and spotted 8 sx of cement on top of CR to cover the Pictured Cliffs formation top. R/U wire line services. RIH and perforated squeeze holes at 1076'. P/U CR, TIH and set at 1019'. R/U cementing services. Squeezed 44 sx of cement through CR at 1019', stung out of CR and spotted 8 sx of cement on top of CR to cover the Fruitland formation top. R/U wire line services. RIH and perforated squeeze holes at 599'. P/U CR, TIH and set at 544'. R/U cementing services. Squeezed 41 sx of cement through CR at 544', stung out of CR and spotted 32 sx of cement on top of CR to cover the Kirtland formation top and surface casing shoe. R/U wire line services. RIH and perforated squeeze holes at 100'. R/U cementing services. Pumped surface plug from 100' to surface. Successfully circulated cement through perforations at 100' and back around and out Bradenhead valve at surface. Shut-in well for the day. Monica Kuehling was NMOCD inspector on location.
- 7/6/18** Checked well pressures: Tubing: 0 psi, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. Prepared well site for wellhead cut-off per DWS Fire Mitigation Plan and BLM regulations. N/D BOP and cut-off wellhead. Cement was at surface in both the production and surface casings. Installed P&A marker per BLM and NMOCD standards. R/U cementing services. Topped-off well with 10 sx of cement. Took a picture of the P&A marker in place and recorded it's GPS coordinates. R/D and MOL. Monica Kuehling was NMOCD inspector on location.

**Plug Summary:**

**Plug #1: (Dakota Perforations and Formation Top 5866'-5770',  
12 Sacks Class G Cement)**

Mixed 12 sx Class G cement and spotted a balanced plug to cover Dakota perforations and formation top.

**Plug #2: (Gallup Formation Top 5072'-4922', 12 Sacks Class G Cement)**

Mixed 12 sx Class G cement and spotted a balanced plug to cover Gallup formation top.

**Plug #3: (Mancos Formation Top 4160'-4010', 12 Sacks Class G Cement)**

Mixed 12 sx Class G cement and spotted a balanced plug to cover Mancos formation top.

**Plug #4: (Mesa Verde Formation Top 3300'-3150', 12 Sacks Class G Cement)**

Mixed 12 sx Class G cement and spotted a balanced plug to cover Mesa Verde formation top.

**Plug #5: (Chacra Formation Top 2392'-2242', 12 Sacks Class G Cement)**

Mixed 12 sx Class G cement and spotted a balanced plug to cover Chacra formation top.

**Plug #6: (Pictured Cliffs Formation Top 1398'-1248', 52 Sacks Class G Cement)**

RIH and perforated at 1398'. P/U CR, TIH and set at 1348'. Successfully established injection rate into squeeze holes at 1398' and squeezed 44 sx of cement below CR at 1348'. Stung out of CR and spotted 8 sx of cement on top of CR to cover the Pictured Cliffs formation top.

**Plug #7: (Fruitland Formation Top 1076'-926', 52 Sacks Class G Cement)**

RIH and perforated at 1076'. P/U CR, TIH and set at 1019'. Successfully established injection rate into squeeze holes at 1076' and squeezed 44 sx of cement below CR at 1019'. Stung out of CR and spotted 8 sx of cement on top of CR to cover the Fruitland formation top.

**Plug #8: (Kirtland Formation Top and Surface Shoe 599'-surface, 123 Sacks Class G Cement, 10 Sacks for top-off)**

RIH and perforated squeeze holes at 599'. P/U CR, TIH and set at 544'. R/U cementing services. Squeezed 41 sx of cement through CR at

544', stung out of CR and spotted 8 sx of cement on top of CR to cover Kirtland formation top and surface casing shoe. R/U wire line services. RIH and perforated squeeze holes at 100'. Successfully established circulation through squeeze holes at 100' and back around Bradenhead. R/U cementing services. Pumped surface plug from 100'-surface and successfully circulated cement to surface and out Bradenhead valve. N/D BOP and cut-off wellhead. Installed P&A marker per BLM and NMOCD standards. Took a picture of the P&A marker in place and recorded it's GPS coordinates. Topped-off well with 10 sx of cement. R/D and MOL. Monica Kuehling was NMOCD inspector on location.

# Wellbore Diagram

Gallegos Canyon Unit 211E

API #: 3004524173

San Juan, New Mexico

## Plug 8

599 feet - Surface

599 feet plug

123 sacks of Class G Cement

10 sacks of cement for top off

## Plug 7

1076 feet - 926 feet

150 feet plug

8 sks of Class G inside Casing

44 sks of Class G outside Casing

## Plug 6

1398 feet - 1248 feet

150 feet plug

8 sks of Class G inside Casing

44 sks of Class G outside Casing

## Plug 5

2392 feet - 2242 feet

150 feet plug

12 sacks of Class G Cement

## Plug 4

3300 feet - 3150 feet

150 feet plug

12 sacks of Class G Cement

## Plug 3

4160 feet - 4010 feet

150 feet plug

12 sacks of Class G Cement

## Plug 2

5072 feet - 4922 feet

150 feet plug

12 sacks of Class G Cement

## Plug 1

5866 feet - 5770 feet

96 feet plug

12 sacks of Class G Cement

## Perforations

5916 feet - 5926 feet

6002 feet - 6020 feet

6048 feet - 6066 feet

## Surface Casing

8.625" 24# @ 326 ft

## Formation

Pictured Cliffs - 1348 feet

MesaVerde - 3280 feet

Mancos - 4110 feet

Gallup - 5022 feet

Dakota - 6000 feet

Retainer @ 5866 feet

## Production Casing

4.5" 14# @ 6141 ft

