

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. 30-045-23654
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 284
9. OGRID Number 000778
10. Pool name or Wildcat  KUTZ PICTURED CLIFFS, WEST
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 5381'

**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 O : 800 feet from the South line and 1540 feet from the East line  
 Section 30 Township 29N Range 12W NMPM San Juan County

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

KP

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

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

- 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.

BP requests to P&A the subject well. Please see the attached P&A procedure and wellbore diagram.

Notify NMOCD 24 hrs  
 prior to beginning  
 operations

Spud Date:

Rig Release Date:

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 05/04/2018

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

**For State Use Only**

APPROVED BY: [Signature] TITLE Deputy Oil & Gas Inspector, District #3 DATE 5/29/18  
 Conditions of Approval (if any): AV

NMOCD  
 MAY 07 2018  
 DISTRICT III 4

# **BP America**

## **Plug And Abandonment Procedure**

### **GCU 284**

800' FSL & 1540' FEL, Section 30, T29N, R12W

San Juan County, NM / API 30-045-23654

1. Hold pre-job safety meeting. Comply with all NMOCD, BLM safety and environmental regulations. Test rig anchors prior to moving in rig if not rigged to base beam.
2. Check casing, tubing, and bradenhead pressures.
3. Remove existing piping on casing valve. RU blow lines from casing valves and begin blowing down casing pressure. Kill well as necessary. Ensure well is dead or on a vacuum.
4. ND wellhead and NU BOP. Function test BOP.
5. P/U 4-1/2" bit or casing scraper on 2-3/8" workstring and round trip as deep as possible above top perforation at 1264'.
6. P/U 4-1/2" CR, RIH and set CR at +/- 1214'. Pressure test tubing to 1000 psi. Sting out of CR. Load hole, and pressure test casing to 800 psi. If casing does not test, then spot or tag subsequent plugs as appropriate. POOH w/ tubing.
7. Rig up to pump cement down tubing. Pump water to establish rate down tubing.

**NOTE: All Plugs Include 100% excess outside casing and 50% Excess inside casing**

**8. Plug 1 (Pictured Cliffs perforations and Formation Top 1214'-1162', 6 Sacks Class B Cement)**

Mix 6 sx Class B cement and spot a balanced plug inside casing to cover Pictured Cliffs perforations and formation top.

**9. Plug 2 (Fruitland Formation Top 962'-812', 12 Sacks Class B Cement)**

Mix 12 sx Class B cement and spot a balanced plug inside casing to cover Fruitland formation top.

**10. Plug 3 (Surface Shoe 126'-surface, 40 Sacks Class B Cement)**

Attempt to pressure test the bradenhead annulus to 300 psi; note the volume to load. If BH annulus holds pressure, then establish circulation out casing valve with water. Mix approximately 40 sx cement and spot a balanced plug from 126' to surface, circulate good cement out of casing valve. TOH and LD tubing. Shut well in and WOC. If BH annulus does not test, then perforate at the appropriate depth and attempt to circulate cement to surface filling the casing from 126' and the annulus from the squeeze holes to surface. Shut in well and WOC.

**11. ND cementing valves and cut off wellhead. Fill annuli with cement as necessary. Install P&A marker to comply with regulations. Record GPS coordinate for P&A marker on tower report. Photograph P&A marker in place. RD, MOL and restore location per BLM stipulations.**

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## Wellbore Diagram

Gallegos Canyon Unit 284

API #: 3004523654

San Juan, New Mexico

### Surface Casing

8.625" 36# @ 126ft

### Plug 3

126 feet - Surface  
126 feet plug  
40 sacks of Class B Cement

### Plug 2

962 feet - 812 feet  
150 feet plug  
12 sacks of Class B Cement

### Plug 1

1214 feet - 1162 feet  
52 feet plug  
6 sacks of Class B Cement

### Formation

Kirtland - Surface

Fruitland Coal - 912 feet

Pictured Cliffs - 1262 feet

Retainer @ 1214 feet

### Perforations

1264 feet - 1269 feet

1272 feet - 1280 feet

1287 feet - 1297 feet

### Production Casing

4.5" 10.79# @ 1535 ft

