Form 3160-5 (June 2015)

#### UNITED STATES DEPARTMENT OF THE INTERIOR

| FORM APPROVED             |
|---------------------------|
| OMB NO. 1004-0137         |
| Expires: January 31, 2018 |

| SUNDRY NOTICES AND REPORTS ON WELLS  Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.  |   |   |  |   | <ol><li>Lease Serial No.<br/>NMSF078926A</li></ol>                               |  |  |
|---|---|---|--|---|--|--|--|
|   |   |   |  |   | If Indian, Allottee or Tribe Name     EASTERN NAVAJO                             |  |  |
| SUBMIT IN TRIPLICATE - Other instructions on page 2   |   |   |  |   | 7. If Unit or CA/Agreement, Name and/or No. 892000844F                           |  |  |
| Type of Well  |   |   |  |   | 8. Well Name and No.<br>GALLEGOS CANYON UNIT 135                                 |  |  |
| 2. Name of Operator Contact: TOYA COLVIN BP AMERICA PRODUCTION CO E-Mail: Toya.Colvin@bp.com  |   |   |  |   | 9. API Well No.<br>30-045-07885-00-S1  |  |  |
| 3a. Address 380 AIRPORT RD DURANGO, CO 81303  3b. Phone No Ph: 281.36   |   |   | o. (include area code)<br>66.7148  | 5   | 10. Field and Pool or Exploratory Area<br>BASIN DAKOTA                           |  |  |
| 4. Location of Well (Footage, Sec., T   |   | 11. County or Parish, State   |  |   |  |  |  |
| Sec 26 T29N R13W SENW 15 36.700440 N Lat, 108.177030  |   |   | SAN JUAN COUNTY, NM  |   |  |  |  |
| 12. CHECK THE AF  | PPROPRIATE BOX(ES)  | TO INDICA   | TE NATURE OI   | F NOTICE,   | REPORT, OR OTH   | IER DATA   |  |
| TYPE OF SUBMISSION  | TYPE OF ACTION  |   |  |   |  |  |  |
| ➤ Notice of Intent  | ☐ Acidize   | ☐ Dee   | epen   | ☐ Product   | ion (Start/Resume)   | ☐ Water Shut-Off   |  |
|   | ☐ Alter Casing ☐ H  |   | draulic Fracturing   | □ Reclama   | ation  | ■ Well Integrity   |  |
| ☐ Subsequent Report   | □ Casing Repair   | □ Nev   | v Construction   | □ Recomp  | lete   | ☐ Other  |  |
| ☐ Final Abandonment Notice  | ☐ Change Plans  |   | g and Abandon  | □ Tempor  | rarily Abandon   |  |  |
| 6   | ☐ Convert to Injection ☐  |   | g Back   | ☐ Water D   | Disposal   |  |  |
| 13. Describe Proposed or Completed Ope<br>If the proposal is to deepen directions<br>Attach the Bond under which the wor<br>following completion of the involved<br>testing has been completed. Final Ab<br>determined that the site is ready for fi<br>BP requests to P&A the subjection of the subjecti | ally or recomplete horizontally,<br>k will be performed or provide<br>operations. If the operation resonandonment Notices must be file<br>inal inspection.  ct well. Please see the att | give subsurface<br>the Bond No. o<br>sults in a multip<br>ed only after all<br>tached proce | locations and measurent file with BLM/BIA le completion or recorded requirements, including the and wellborent file. | ed and true ve<br>Required sub<br>impletion in a r<br>ing reclamation<br>e diagram. | rtical depths of all pertinosequent reports must be<br>new interval, a Form 3160 | ent markers and zones.<br>filed within 30 days<br>0-4 must be filed once |  |
|   |   |   |  |   |  |  |  |
|   | 4 hrs<br>ling   |   | NMOGD  |   |  |  |  |
|   |   |   | AUG 03 2   |   |  |  |  |
|   |   |   |  |   | DISTRICT   | 111  |  |
| 14. I hereby certify that the foregoing is  Col Name (Printed/Typed) TOYA CO  | #4 Electronic Submission<br>For BP AMERICA<br>mmitted to AFMSS for prod   | 405023 verifie<br>A PRODUCTIO<br>cessing by JA  | 1  | Information<br>Farmington<br>7/09/2018 (18<br>ATORY ANA                             |  |  |  |
| JF TOTALOO  | 1,2002  |   |  |   |  |  |  |

TitlePETROLEUM ENGINEER Date 07/09/2018

02/20/2018

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

(Electronic Submission)

Office Farmington

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Approved By JACK SAVAGE

Signature

(Instructions on page 2)
\*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\*

Date

THIS SPACE FOR FEDERAL OR STATE OFFICE USE





#### **BP** America

## Plug And Abandonment Procedure

#### **GCU 135**

1545' FNL & 2070' FWL, Section 26, T29N, R13W San Juan County, NM / API 30-045-07885

- 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  $4\frac{1}{2}$ " bit or casing scraper on 2-3/8" work string and round trip as deep as possible above top perforation at 6189'.
- 6. P/U 4 ½" CR, TIH and set CR at +/- 6139'. 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 (Dakota Perforations and Dakota Formation Top 6139'-6084', 6 Sacks Class B Cement)

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

### 9. Plug 2 (Gallup Formation Top 5277'-5127', 12 Sacks Class B Cement)

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

### 10. Plug 3 (Mancos Formation Top 4365'-4215', 12 Sacks Class B Cement)

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

# 11. Plug 4 (Mesa Verde and Chacra Formation Tops 3130'-2700', 35 Sacks Class B Cement)

Mix 35 sx Class B cement and spot a balanced plug inside casing to cover Mesa Verde and Chacra formation tops.

### 12. Plug 5 (Pictured Cliffs Formation Top 1600'-1450', 12 Sacks Class B Cement)

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

### 13. Plug 6 (Surface Shoe and Surface 370'-surface, 120 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 120 sx cement and spot a balanced plug from 370' 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 370' and the annulus from the squeeze holes to surface. Shut in well and WOC.

14. 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.

### **Wellbore Diagram**

Gallegos Canyon Unit 135 API #: 3004507885 San Juan, New Mexico

#### Plug 6

370 feet - Surface 370 feet plug 120 sacks of Class B Cement

#### Plug 5

1600 feet - 1450 feet 150 feet plug 12 sacks of Class B Cement

#### Plug 4

3130 feet - 2700 feet 430 feet plug 35 sacks of Class B Cement

#### Plug 3

4365 feet - 4215 feet 150 feet plug 12 sacks of Class B Cement

#### Plug 2

5277 feet - 5127 feet 150 feet plug 12 sacks of Class B Cement

#### Plug 1

6139 feet - 6084 feet 55 feet plug 6 sacks of Class B Cement

#### **Perforations**

6189 feet - 6202 feet

### **Surface Casing**

8.625" 24# @ 370 ft

#### **Formation**

Pictured Cliffs - 1550 feet MesaVerde - 3080 feet Mancos - 4315 feet Gallup - 5227 feet Dakota - 6184 feet

Retainer @ 6139 feet

Production Casing 4.5" 9.5# @ 6297 ft

# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT FARMINGTON DISTRICT OFFICE

6251 COLLEGE BLVD. FARMINGTON, NEW MEXICO 87402

Attachment to notice of Intention to Abandon:

Re: Permanent Abandonment Well: Gallegos Canyon Unit 135

#### CONDITIONS OF APPROVAL

- 1. Plugging operations authorized are subject to the attached "General Requirements for Permanent Abandonment of Wells on Federal and Indian Lease."
- 2. Farmington Office is to be notified at least 24 hours before the plugging operations commence (505) 564-7750.
- 3. The following modifications to your plugging program are to be made:
  - a) Set Plug #1 (6139 5992) ft. to cover the Graneros top. BLM picks top of Graneros at 6042 ft.
  - b) Add a cement plug (2190 2090) ft. to cover the Chacra top. NMOCD picks top of Chacra at 2140 ft.
  - c) Add a cement plug (1282 1182) ft. to cover the Fruitland top. BLM picks top of Fruitland at 1232 ft

Operator must run a CBL to verify cement top. Submit the electronic copy of the log for verification to the following addresses: <a href="mailto:jwsavage@blm.gov">jwsavage@blm.gov</a>. <a href="mailto:brandon.powell@state.nm.us">brandon.powell@state.nm.us</a>

Low concentrations of  $H_2S$  (<100 ppm GSV) have been reported in the SWSW/4 Sec. 26, 29N, 13W.

You are also required to place cement excesses per 4.2 and 4.4 of the attached General Requirements.

Office Hours: 7:45 a.m. to 4:30 p.m.

