

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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.

5. Lease Serial No.
NMSF078828A

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

SUBMIT IN TRIPLICATE - Other instructions on page 2

| | | |
|--|---|---|
| 1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other | | 8. Well Name and No. GALLEGOS CANYON UNIT 233 |
| 2. Name of Operator BP AMERICA PRODUCTION COMPANY Contact: PATTI CAMPBELL Email: patti.campbell@bpx.com | | 9. API Well No. 30-045-11686-00-S2 |
| 3a. Address 1199 MAIN AVE SUITE 101 DURANGO, CO 81301 | 3b. Phone No. (include area code) Ph: 970-712-5997 | 10. Field and Pool or Exploratory Area BASIN DAKOTA WEST KUTZ PICTURED CLIFFS |
| 4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 27 T28N R12W SWSW 0990FSL 0790FWL 36.628690 N Lat, 108.104860 W Lon | | 11. County or Parish, State SAN JUAN COUNTY, NM |

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

| TYPE OF SUBMISSION | TYPE OF ACTION | | | |
|---|---|--|--|---|
| <input type="checkbox"/> Notice of Intent | <input type="checkbox"/> Acidize | <input type="checkbox"/> Deepen | <input type="checkbox"/> Production (Start/Resume) | <input type="checkbox"/> Water Shut-Off |
| <input checked="" type="checkbox"/> Subsequent Report | <input type="checkbox"/> Alter Casing | <input type="checkbox"/> Hydraulic Fracturing | <input type="checkbox"/> Reclamation | <input type="checkbox"/> Well Integrity |
| <input type="checkbox"/> Final Abandonment Notice | <input type="checkbox"/> Casing Repair | <input type="checkbox"/> New Construction | <input type="checkbox"/> Recomplete | <input type="checkbox"/> Other |
| BP | <input type="checkbox"/> Change Plans | <input checked="" type="checkbox"/> Plug and Abandon | <input type="checkbox"/> Temporarily Abandon | |
| | <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Plug Back | <input type="checkbox"/> Water Disposal | |

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.

The subject well was plugged and abandoned on 3/18/2020 per the attached Final P&A report and Plugged Well Diagram. A CBL is attached.

| | |
|---|--------------------------|
| 14. I hereby certify that the foregoing is true and correct. Electronic Submission #508586 verified by the BLM Well Information System For BP AMERICA PRODUCTION COMPANY, sent to the Farmington Committed to AFMSS for processing by JOHN HOFFMAN on 03/27/2020 (20JH0062SE) | |
| Name (Printed/Typed) PATTI CAMPBELL | Title REGULATORY ANALYST |
| Signature (Electronic Submission) | Date 03/26/2020 |

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

| | | |
|---|--|-------------------|
| Approved By ACCEPTED | JOHN HOFFMAN Title PETROLEUM ENGINEER | Date 03/27/2020 |
| 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. | | 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.

(Instructions on page 2)

**** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ****

BP America

Plug And Abandonment End Of Well Report

GCU 233

990' FSL & 790' FWL, Section 27, T28N, R12W

San Juan County, NM / API 30-045-11686

Work Summary:

- 3/15/20** Made BLM, and NMOCD P&A operations notifications at 9:30 AM MST.
- 3/16/20** MOL and R/U P&A rig. Checked well pressures: Tubing: 0 psi, Casing: 10 psi, Bradenhead: 175 psi. Bled down well. N/D wellhead, N/U BOP and performed 21-day BOP test. P/U casing scraper on work string and round tripped above top Pictured Cliffs perforation at 1440'. P/U CR, TIH and set at 1390'. Loaded tubing and pressure tested to 1000 psi in which it successfully held pressure. Stung out of CR and circulated the wellbore clean with 35 bbl of fresh water. Pressure tested production casing to 800 psi in which it successfully held pressure. TOOH and L/D stinger nose. R/U wire line services. Ran CBL from CR at 1390' to surface. CBL results were sent to BLM/NMOCD office for review. TIH with cementing sub to just above CR at 1390'. Shut-in well for the day. Mark Decker was BLM inspector on location.
- 3/17/20** Checked well pressures: Tubing: 0 psi, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. Performed 2-hour Bradenhead shut-in test. During the 2-hour interval the Bradenhead built up 25 psi. R/U cementing services. Pumped plug #1 from 1390'-1240' to cover the Pictured Cliffs perforations and formation top. PUH. Pumped plug #2 from 1195'-995' to cover the Fruitland formation top. TOOH with tubing. R/U wire line services. RIH and perforated squeeze holes at 411'. Attempted to establish injection rate into perforations at 411' but was unsuccessful. RIH and perforated squeeze holes at 346'. Attempted to establish injection rate into perforations at 346' but

was unsuccessful. R/U cementing services. Pumped surface plug from 461'-320' to cover the Kirtland and Ojo Alamo formation tops, surface casing shoe, and perforations. Pressured up on wellbore and shut-in well to squeeze cement into perforations at 411' and 346'. Shut-in well for the day. Mark Decker was BLM inspector on location.

3/18/20

Checked well pressures: Tubing: 0 psi, Casing: 0 psi, and Bradenhead 0 psi. Bled down well. Shut-in well and performed 2-hour Bradenhead shut-in test. During the 2-hour interval the Bradenhead did not build up any pressure. TIH and tagged surface plug top at 335'. R/U cementing services. Pumped surface plug from tag point at 335'-surface to cover the Kirtland and Ojo Alamo formation tops and surface casing shoe. N/D BOP and cut-off wellhead. Installed P&A marker per BLM & NMOCD standards. Ran weighted tally tape down both casings and tagged cement 7' down in surface casing and 50' down in production casing. Ran ¾" poly pipe down both surface and production casings and topped off well with 40 sx of cement. Photographed the P&A marker in place and recorded it's location via GPS coordinates. R/D and MOL. Mark Decker was BLM inspector on location.

Plug Summary:

Plug #1: (Pictured Cliffs Perforations and Formation Top 1390'-1240', 12 Sacks Class G Cement)

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

Plug #2: (Fruitland Formation Top 1195'-995', 16 Sacks Class G Cement)

Mixed 16 sx Class G cement and spotted a balanced plug to cover the Fruitland formation top.

Plug #3: (Kirtland and Ojo Alamo Formation Tops, Surface Casing Shoe 461'-Surface, 82 Sacks Class G Cement(40 sacks for top-off))

Shut-in well and performed 2-hour Bradenhead shut-in test. During the 2-hour interval the Bradenhead did not build up any pressure. TIH and tagged surface plug top at 335'. R/U cementing services. Pumped surface plug from tag point at 335'-surface to cover the Kirtland and Ojo Alamo formation tops and surface casing shoe. N/D BOP and cut-off wellhead. Installed P&A marker per BLM & NMOCD standards. Ran weighted tally tape down both casings and tagged cement 7' down in

surface casing and 50' down in production casing. Ran ¾" poly pipe down both surface and production casings and topped off well with 40 sx of cement. Photographed the P&A marker in place and recorded it's location via GPS coordinates. R/D and MOL.

Wellbore Diagram

GCU 233

API #: 3004511686

San Juan County, New Mexico

Plug 3

461 feet - Surface

461 feet plug

82 sacks of Class G Cement

40 sacks for top-off

Plug 2

1195 feet - 995

200 feet plug

16 sacks of Class G Cement

Plug 1

1390 feet - 1240

150 feet plug

12 sacks of Class G Cement

Surface Casing

8.625" 24# @ 361 ft

Formation

Ojo Alamo - 225 ft

Kirtland - 322 ft

Fruitland - 1145 ft

Pictured Cliffs - 1438 ft

Perforations

1440 ft - 1498 ft

5976 ft - 5987 ft

5899 ft - 6081 ft

6036 ft - 6060 ft

6076 ft - 6081 ft

Retainer @ 1390 feet

Production Casing

4.5" 10.5# @ 6196 ft

