Form 3160-5
(June 2015)

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.

SUBMIT IN TRIPLICATE - Other instructions on page 2

5. Lease Serial No.
NMSF077967

6. If Indian, Allottee or Tribe Name
EASTERN NAVAJO

7. If Unit or CA/Agreement, Name and/or No.
892000844F

1. Type of Well
☐ Oil Well ☒ Gas Well ☐ Other

8. Well Name and No.
GALLEGOS CANYON UNIT 157

2. Name of Operator
BP AMERICA PRODUCTION CO
Contact: PATTI CAMPBELL
E-Mail: patti.campbell@bpx.com

9. API Well No.
30-045-07067-00-S1

3a. Address
380 AIRPORT RD
DURANGO, CO 81303

3b. Phone No. (include area code)
Ph: 970-712-5997

10. Field and Pool or Exploratory Area
BASIN DAKOTA

4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)*
Sec 35 T28N R13W NWNE 0975FNL 2510FEL
36.623291 N Lat, 108.187531 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			
☐ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☒ Subsequent Report	☐ Alter Casing	☐ Hydraulic Fracturing	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☐ Other
BB	☐ Change Plans	☒ Plug and Abandon	☐ Temporarily Abandon	
	☐ Convert to Injection	☐ Plug Back	☐ 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 8/2/18 per the attached Final P&A report and Plugged Well Diagram. A CBL is attached.

Based on logs and due to the wellbore conditions,the BLM inspector on site and NMOCD approved the change to surface Plug #6.

NMOCD
FEB 11 2019
DISTRICT III

14. I hereby certify that the foregoing is true and correct.
Electronic Submission #434812 verified by the BLM Well Information System
For BP AMERICA PRODUCTION CO, sent to the Farmington
Committed to AFMSS for processing by JACK SAVAGE on 09/11/2018 (18JWS0078SE)

Name *(Printed/Typed)* PATTI CAMPBELL — Title REGULATORY ANALYST

Signature (Electronic Submission) — Date 09/11/2018

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By ACCEPTED — Title JACK SAVAGE PETROLEUM ENGINEER — Date 09/11/201

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 ****

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BP America

Plug And Abandonment End Of Well Report

GCU 157

975' FNL & 2510' FEL, Section 35, T28N, R13W

San Juan County, NM / API 30-045-07067

Work Summary:

7/25/18	Made BLM, and NMOCD P&A operations notifications at 9:00 AM MST.
7/26/18	MOL and R/U P&A unit. Checked well pressures: Tubing: 80 psi, Casing: 650 psi, Bradenhead: 0 psi.
7/27/18	Checked well pressures: Tubing: 50 psi, Casing: 50 psi, Bradenhead: 0 psi. Bled down well. N/D wellhead and N/U BOP and function tested. Pumped 30 bbl of fresh water to kill well prior to pulling production string. Production tubing string was stuck when trying to unseat tubing hangar. Pulled 58,000 lbs while working pipe but production tubing never released. Received approval from BP engineer to call Jet West to free point tubing. R/U wire line services. Free pointed production tubing at 6220'. Pulled 5 stands off bottom. Shut-in well for the weekend. Jose Ruybaled was BLM inspector on location.
7/30/18	Checked well pressures: Tubing: 0 psi, Casing: 50 psi, Bradenhead: 50 psi. TOH tallying production string. P/U casing scraper and round tripped above top perforation at 6248'. P/U CR, TIH and set at 6198'. 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. Shut-in well for the day. Jose Ruybaled was BLM inspector on location.
7/31/18	Checked well pressures: Tubing 0 psi, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. R/U wireline services. Ran CBL from CR at 6198' to surface. CBL results were sent to NMOCD/BLM offices for review.

P/U cementing sub and TIH to pump plug #1. R/U cementing services. Pumped plug #1 from 6198'-6048' to cover the Dakota perforations and formation top. WOC 4 hours. TIH and tagged plug #1 top at 6062'. Pressure tested casing to 800 psi in which it failed to hold pressure. R/U cementing services. Pumped plug #2 from 5341'-5186' to cover the Gallup formation top. Shut-in well for the day. WOC overnight. Jose Ruybaled was BLM inspector on location.

8/1/18 Checked well pressures: Tubing: 0 psi, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. TIH and tagged plug #2 top at 5140'. Pressure tested casing to 800 psi in which it failed to hold pressure. R/U cementing services. Pumped plug #3 from 4462'-4312' to cover the Mancos formation top. WOC 4 hours. TIH and tagged plug #3 top at 4300'. Pressure tested casing to 800 psi in which it failed to hold pressure. R/U cementing services. Pumped plug #4 from 2584'-2085' to cover the Mesa Verde formation top. WOC 4 hours. TIH and tagged plug #4 top at 2114' which was 29' lower than the minimum tag depth required. Pressure tested casing to 800 psi in which it successfully held pressure. BLM inspector approved spotting 5 sx of cement on top of plug #4 to bring the top of the plug #4 interval to 2052'. R/U cementing services. Pumped 5 sx of cement on top of plug #4 to bring the plug top to 2052'. PUH. Pumped combination plug #5 & 6 from 1679'-1217' to cover the Pictured Cliffs and Fruitland formation tops. Shut-in well for the day. Jose Ruybalid was BLM inspector on location.

8/2/18 Checked well pressures: Tubing: 0 psi, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. Loaded the Bradenhead with 3 bbls of fresh water and pressure tested Bradenhead to 300 psi in which it successfully held pressure. R/U wireline services. RIH and perforated squeeze holes at 375'. Attempted to establish circulation through perforations at 375' and around and out Bradenhead valve at surface but was unsuccessful. R/U cementing services. Squeezed 2 sx of cement into perforations at 375' and filled production casing from 375'-surface. N/D BOP and cut-off wellhead. Installed P&A marker per BLM and NMOCD standards. Ran ¾" poly pipe down surface casing to 64' and topped off well with 40 sx of cement. Took a picture of the P&A marker in place and recorded its location via GPS coordinates. Jose Ruybalid was BLM inspector on location.

Plug Summary:

Plug #1: (Dakota Perforations and Formation Top 6198'-6062', 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 5341'-5140', 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 4462'-4300', 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 and Chacra Formation Tops 2584'-2052', 48 Sacks Class G Cement)

Mixed 48 sx Class G cement and spotted a balanced plug to cover Mesa Verde and Chacra formation tops.

Plug #5: (Pictured Cliffs and Fruitland Formation Tops 1679'-1217', 37 Sacks Class G Cement)

Mixed 37 sx Class G cement and spotted a balanced plug to cover the Pictured Cliffs and Fruitland formation tops.

Plug #6: (Kirtland Formation Top and Surface Shoe 375'-surface, 80 Sacks Class G Cement, 40 Sacks for top-off)

Loaded Bradenhead with 3 bbls of fresh water and pressure tested Bradenhead to 300 psi in which it successfully to held pressure. RIH and perforated at 375'. Attempted to establish circulation through squeeze holes at 375' and around and out Bradenhead valve at surface but was unsuccessful. R/U cementing services. Squeezed 2 sx of cement into perforations at 375' and filled production casing from 375'-surface. N/D BOP and cut-off wellhead. Installed P&A marker per BLM and NMOCD standards. Ran ¾" poly pipe down surface casing to 64' and topped well off with 40 sx of cement. Took a picture of the P&A marker in place and recorded its GPS coordinates. Jose Ruybalid was BLM inspector on location.

Wellbore Diagram

Gallegos Canyon Unit 157
API #: 3004507067
San Juan, New Mexico

Plug 6
375 feet - Surface
375 feet plug
80 sacks of Class G Cement
40 sacks for top-off

Plug 5
1679 feet - 1217 feet
462 feet plug
37 sacks of Class G Cement

Plug 4
2584 feet - 2052 feet
532 feet plug
48 sacks of Class G Cement

Plug 3
4462 feet - 4300 feet
162 feet plug
12 sacks of Class G Cement

Plug 2
5341 feet - 5140 feet
201 feet plug
12 sacks of Class G Cement

Plug 1
6198 feet - 6062 feet
136 feet plug
12 sacks of Class G Cement

Perforations
6258 feet - 6266 feet
6248 feet - 6254 feet
6323 feet - 6330 feet

Surface Casing
8.625" 24# @ 357ft

Formation
Pictured Cliffs - 1620 ft
Lewis Shale - 1825 ft
MesaVerde - 2535 ft
Mancos - 4387 ft
Gallup - 5286 ft
Lower Gallup - 5796 ft
Greenhorn - 6126 ft
Graneros Shale - 6184 ft
Graneros Shale - 6248 ft
Dakota - 6306 ft

Retainer @ 6198 feet

Production Casing
4.5" 10.5# @ 6435ft