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.
NMSF078370

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 133E

2. Name of Operator
BP AMERICA PRODUCTION COMPANY

Contact: PATTI CAMPBELL
E-Mail: patti.campbell@bpx.com

9. API Well No.
30-045-25234-00-S1

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

4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)*
Sec 17 T29N R12W NENW 0850FNL 1550FWL
36.731720 N Lat, 108.124820 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
BP	☐ 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 3/13/2020 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 #507654 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 03/19/2020 (20JH0063SE)

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

Signature (Electronic Submission) — Date 03/18/2020

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By ACCEPTED — Title JOHN HOFFMAN PETROLEUM ENGINEER — Date 03/19/2020

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 ****

AV

BP America

Plug And Abandonment End Of Well Report

GCU 133E

850' FNL & 1550' FWL, Section 17, T29N, R12W

San Juan County, NM / API 30-045-25234

Work Summary:

3/9/20 Made BLM, and NMOCD P&A operations notifications at 9:00 AM MST.

3/10/20 MOL and R/U P&A unit. Checked well pressures: Tubing: 100 psi, Casing: 100 psi, Bradenhead: 140 psi. Bled down well. N/D wellhead, N/U BOP and function tested. Went to pull hangar but threads in tubing hangar were bad. Fishing hand was called to spear out tubing, replace hangar, and re-land tubing. Shut-in well for the day. Darrell Priddy was BLM inspector on location.

3/11/20 Checked well pressures: Tubing 0 psi, Casing: 100 psi, Bradenhead: 140 psi. Bled down well. TOOH with tubing, tallied pipe on the way out of the hole. P/U casing scraper and round tripped above top Dakota perforation at 6066'. P/U CR, TIH and set at 6033'. Loaded tubing with 24 bbls of fresh water and pressure tested to 1000 psi in which it successfully held pressure. Stung out of CR and loaded casing with 72 bbls of fresh water and circulated wellbore clean with 28 additional bbls of fresh water for a total of 100 bbls. Pressure tested casing to 800 psi in which it successfully to held pressure. TOOH with tubing. R/U wireline services. Ran CBL from CR at 6033' to surface. CBL results were sent to BLM/NMOCD offices for review. TIH with tubing. Shut-in well for the day. Darrell Priddy was BLM inspector on location.

3/12/20 Checked well pressures: Tubing: 0 psi, Casing: 0 psi, Bradenhead: 10 psi. Bled down well. TIH to top of CR at 6033'. R/U cementing services. Pumped plug #1 from 6033'-5866' to cover the Dakota

perforations and formation top. PUH. Pumped plug #2 from 5285'-5124' to cover Gallup formation top. PUH. Pumped plug #3 from 4372'-4205' to cover the Mancos formation top. PUH. Pumped plug #4 from 3167'-3000' to cover Mesa Verde formation top. PUH. Pumped plug #5 from 2286'-2120' to cover the Chacra formation top. PUH. Pumped plug #6 from 1635'-1206' to cover the Pictured Cliffs and Fruitland formation tops. TOOH with tubing. R/U wire line services. RIH and perforated squeeze holes at 376'. Attempted to establish injection rate into perforatiosn at 376' but was unsuccessful. R/U wire line services. RIH and perforated squeeze holes at 320'. Attempted to establish injection rate into perforations at 320' but was unsuccessful. TIH with tubing to 426'. R/U cementing services. Spotted a balanced plug from 426'-290' to cover the surface casing shoe, Kirtland, and Ojo Alamo formation tops. L/D tubing. Shut-in blind rams and pressured up on cement to squeeze into perforations at 320' and 376'. WOC overnight. Shut-in well for the day. Darrell Priddy was BLM inspector on location.

3/13/20 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 did not build up any pressure. Pressure tested Bradenhead to 300 psi in which it successfully held pressure. TIH and tagged surface plug at 304'. Pressure tested casing to 800 psi in which it successfully held pressure. R/U cementing services. Pumped surface plug from tag depth at 304' to surface. L/D tubing. 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 130' down in surface casing and 30' down in production casing. Ran ¾" poly pipe down both casings and topped-off well with 49 sx of cement. Photographed the P&A marker in place and recorded its location via GPS coordinates. R/D and MOL. Darrell Priddy was BLM inspector on location.

Plug Summary:

Plug #1: (Dakota Perforations and Formation Top 6033'-5866', 13 Sacks Class G Cement)

Mixed 13 sx Class G cement and spotted a balanced plug to cover the Dakota perforations and formation top.

Plug #2: (Gallup Formation Top 5285'-5124', 13 Sacks Class G Cement)

Mixed 13 sx Class G cement and spotted a balanced plug to cover the Gallup formation top.

Plug #3: (Mancos Formation Top 4372'-4205', 13 Sacks Class G Cement)

Mixed 13 sx Class G cement and spotted a balanced plug to cover the Mancos formation top.

Plug #4: (Mesa Verde Formation Top 3167'-3000', 13 Sacks Class G Cement)

Mixed 13 sx Class G cement and spotted a balanced plug to cover the Mesa Verde formation top.

Plug #5: (Chacra Formation Top 2286'-2120', 13 Sacks Class G Cement)

Mixed 13 sx Class G cement and spotted a balanced plug to cover Chacra formation top.

Plug #6: (Pictured Cliffs and Fruitland Formation Tops 1635'-1206', 34 Sacks Class G Cement)

Mixed 34 sx of Class G cement and spotted a balanced plug to cover the Pictured Cliffs and Fruitland formation tops.

Plug #7: (Kirtland and Ojo Alamo Formation Tops and Surface Casing Shoe 426'-Surface, 83 Sacks Class G Cement, 49 Sacks for top-off)

Performed 2-hour Bradenhead shut-in test. During the 2-hour interval the Bradenhead did not build up any pressure. Pressure tested Bradenhead to 300 psi in which it successfully held pressure. TIH and tagged surface plug at 304'. Pressure tested casing to 800 psi in which it successfully held pressure. R/U cementing services. Pumped surface plug from tag depth at 304' to surface. L/D tubing. 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 130' down in surface casing and 30' down in production casing. Ran ¾" poly pipe down both casings and topped-off well with 49 sx of cement. Photographed the P&A marker in place and recorded its location via GPS coordinates. R/D and MOL.

Wellbore Diagram

GCU 133E
API #: 30-045-25234
San Juan County, New Mexico

Plug 7
426 feet - Surface
426 feet plug
83 sacks of Class G Cement
49 sacks for top-off

Plug 6
1635 feet - 1206 feet
429 feet plug
34 sacks of Class G Cement

Plug 5
2286 feet - 2120 feet
166 feet plug
13 sacks of Class G Cement

Plug 4
3167 feet - 3000 feet
167 feet plug
13 sacks of Class G Cement

Plug 3
4372 feet - 4205 feet
167 feet plug
13 sacks of Class G Cement

Plug 2
5285 feet - 5124 feet
161 feet plug
13 sacks of Class G Cement

Plug 1
6033 feet - 5866 feet
167 feet plug
13 sacks of Class G Cement

Perforations
6066 ft - 6202 ft

Surface Casing
8.625" 24# @ 326 ft

Formation
Fruitland Coal - 1306 ft
Pictured Cliffs - 1534 ft
Lewis Shale - 1573 ft
Mesaverde - 3108 ft
Mancos - 4318 ft
Gallup - 5222 ft

Production Casing
4.5" 10.5# @ 6311 ft