

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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.

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

5. Lease Serial No.
1149IND8476

6. If Indian, Allottee or Tribe Name
EASTERN NAVAJO

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

8. Well Name and No.
GALLEGOS CANYON UNIT 198

9. API Well No.
30-045-07275-00-S1

10. Field and Pool or Exploratory Area
BASIN DAKOTA

11. County or Parish, State
SAN JUAN COUNTY, NM

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	
2. Name of Operator BP AMERICA PRODUCTION CO Contact: PATTI CAMPBELL E-Mail: patti.campbell@bpx.com	
3a. Address 1199 MAIN AVE SUITE 101 DURANGO, CO 81301	3b. Phone No. (include area code) Ph: 970-712-5997
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 20 T28N R12W SESW 1010FSL 2090FWL 36.643280 N Lat, 108.136310 W Lon	

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
	<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 recomple 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 recomple 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 10/4/18 per the attached Final P&A report and Plugged Well Diagram. A CBL is attached.

NMOC

DEC 11 2018

DISTRICT III

14. I hereby certify that the foregoing is true and correct. Electronic Submission #438789 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 11/09/2018 (18JWS0138SE)	
Name (Printed/Typed) PATTI CAMPBELL	Title REGULATORY ANALYST
Signature (Electronic Submission)	Date 10/09/2018

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By ACCEPTED	JACK SAVAGE Title PETROLEUM ENGINEER	Date 11/09/2018
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.		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 ****

NMOC

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BP America

Plug And Abandonment End Of Well Report

GCU 198

1010' FSL & 2090' FWL, Section 20, T28N, R12W

San Juan County, NM / API 30-045-07275

Work Summary:

- 9/27/18** Made BLM, and NMOCD P&A operations notifications at 1:00 PM MST.
- 9/28/18** MOL and R/U P&A unit. Checked well pressures: Tubing: 130 psi, Casing: 360 psi, Bradenhead: 0 psi. Bled down well. N/D wellhead, N/U BOP and performed 21-day BOP test. P/U CR, TIH with 50 stands of tubing. Shut-in well for the day.
- 10/1/18** Checked well pressures: Tubing: 0 psi, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. TIH with CR and set at 5842'. Pressure tested tubing to 1000 psi in which it successfully held pressure. Stung out of CR and circulated the hole clean with 120 bbls of fresh water. Pressure tested casing to 800 psi in which it failed to hold pressure. POOH with tubing. R/U wire line services. Ran CBL from CR at 5842' to surface. CBL results were sent to BLM and NMOCD offices for review. Shut-in well for the day. Jimmy Dobson was BLM inspector on location.
- 10/2/18** Checked well pressures: Tubing: 0 psi, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. R/U cementing services. Pumped plug #1 from 5842'-5692' to cover the Dakota perforations and formation top. WOC 4 hours. TIH and tagged plug #1 top at 5780'. Pressure tested casing to 800 psi in which it failed to hold pressure. R/U cementing services. Pumped plug #2 from 5005'-4788' to cover the Gallup formation top. WOC 4 hours. TIH and tagged plug #2 top at 4815'. Shut-in well for the day. Jimmy Dobson was BLM inspector on location.

- 10/3/18** Checked well pressures: Tubing: 0 psi, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. R/U cementing services. Pumped plug #3 from 4103'-3953' to cover the Mancos formation top. WOC 4 hours. TIH and tagged plug #3 top at 3925'. Pressure tested casing to 800 psi in which it failed to hold pressure. R/U cementing services. Pumped plug #4 from 3115'-2915' to cover the Mesa Verde formation top. WOC overnight. Shut-in well for the day. Jimmy Dobson was BLM inspector on location.
- 10/4/18** Checked well pressures: Tubing: 0 psi, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. TIH and tagged plug #4 top at 2932'. Pressure tested casing to 800 psi in which it successfully held pressure. R/U cementing services. Pumped plug #5 from 2282'-2132' to cover the Chacra formation top. PUH. Pumped plug #6 from 1343'-906' to cover the Pictured Cliffs and Fruitland formation tops. POOH with tubing. R/U wire line services. RIH and perforated squeeze holes at 380'. Attempted to establish injection rate into perforations at 380' but was unsuccessful. RIH and perforated at 350'. Attempted to establish injection rate into perforations at 350' but was unsuccessful. BLM/NMOCD engineers approved spotting an inside surface plug and ¾" poly piping the backside from 50'-surface. R/U cementing services. Pumped surface plug from 430'-surface. N/D BOP and cut-off wellhead. Installed P&A marker per BLM and NMOCD standards. Ran weighted tally tape down both surface and production casings and tagged cement 34' 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 20 sx of cement. Took a picture of the P&A marker in place and recorded its location via GPS coordinates. R/D and MOL. Jimmy Dobson was BLM inspector on location.

Plug Summary:

Plug #1: (Dakota Perforations and Formation Top 5842'-5780', 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 5005'-4815', 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 4103'-3925', 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 Formation Top 3115'-2932', 16 Sacks Class G Cement)

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

Plug #5: (Chacra Formation Top 2282'-2132', 12 Sacks Class G Cement)

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

Plug #6: (Pictured Cliffs and Fruitland Formation Tops 1343'-906', 35 Sacks Class G Cement)

Mixed 35 sx Class G cement and spotted a balanced plug to cover the Pictured Cliffs and Fruitland formation tops.

Plug #7: (Surface Shoe 430'-surface, 67 Sacks Class G Cement, 20 Sacks for top-off)

RIH and perforated squeeze holes at 380'. Attempted to establish injection rate into perforations at 380' but was unsuccessful. RIH and perforated at 350'. Attempted to establish injection rate into perforations at 350' but was unsuccessful. BLM/NMOCD engineers approved spotting an inside surface plug and ¾" poly piping the backside from 50' to surface. Pumped surface plug from 430' to surface. N/D BOP and cut-off wellhead. Installed P&A marker per BLM and NMOCD standards. Ran weighted tally tape down both surface and production casings and tagged cement 34' down in surface casing and 50' down in production casing. Ran ¾" poly pipe down both surface and production casings and topped well off with 20 sx of cement. Took a picture of the P&A marker in place and recorded its GPS coordinates. Jimmy Dobson was BLM inspector on location.

Wellbore Diagram

Gallegos Canyon Unit 198

API #: 3004507275

San Juan, New Mexico

Plug 7

430 feet - Surface

430 feet plug

67 sacks of Class G Cement

20 for top-off

Plug 6

1343 feet - 906 feet

437 feet plug

35 sacks of Class G Cement

Plug 5

2282 feet - 2132 feet

150 feet plug

12 sacks of Class G Cement

Plug 4

3115 feet - 2932 feet

183 feet plug

16 sacks of Class G Cement

Plug 3

4103 feet - 3925 feet

178 feet plug

12 sacks of Class G Cement

Plug 2

5005 feet - 4815 feet

190 feet plug

12 sacks of Class G Cement

Plug 1

5842 feet - 5780 feet

62 feet plug

12 sacks of Class G Cement

Surface Casing

8.625" 24# @ 371 ft

Formation

Pictured Cliffs - 1293 feet

MesaVerde - 3065 feet

Mancos - 4045 feet

Gallup - 4955 feet

Dakota - 5933 feet

Retainer @ 5842 feet

Production Casing

4.5" 10.5# @ 6054 ft

