

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

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. 1149IND8474
2. Name of Operator BP AMERICA PRODUCTION CO		6. If Indian, Allottee or Tribe Name EASTERN NAVAJO
Contact: TOYA COLVIN E-Mail: Toya.Colvin@bp.com		7. If Unit or CA/Agreement, Name and/or No. 892000844F
3a. Address 1199 MAIN AVE SUITE 101 DURANGO, CO 81301	3b. Phone No. (include area code) Ph: 281.366.7148	8. Well Name and No. GALLEGOS CANYON UNIT 214
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 16 T28N R12W NWNE 0910FNL 2460FEL 36.666950 N Lat, 108.115850 W Lon		9. API Well No. 30-045-11623-00-S1
		10. Field and Pool or Exploratory Area BASIN
		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 checked="" 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 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 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.

BP requests to P&A the subject well. Please see the attached P&A procedure and wellbore diagram.

In accordance with NMOCD Pit Rule 19.15.17.9 NMAC, BP will use a closed-loop system during operations.

Notify NMOCD 24 hrs
prior to beginning
operations

NMOCD

FEB 28 2019

DISTRICT III

14. I hereby certify that the foregoing is true and correct.

**Electronic Submission #397496 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 06/04/2018 (18JWS01055E)**

Name (Printed/Typed) TOYA COLVIN	Title REGULATORY ANALYST
Signature (Electronic Submission)	Date 12/11/2017

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By <u>JACK SAVAGE</u>	Title <u>PETROLEUM ENGINEER</u>	Date <u>06/04/2018</u>
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 <u>Farmington</u>

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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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: GCU #214

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.

1. Set Plug #5 from (2288' – 2188') ft. to cover the Chacra Formation top. BLM picks the top of the Chacra at 2238' ft.
2. Add Fruitland Plug from (1021' – 921') ft. BLM picks the top of the Fruitland at 971' ft.

Operator will run a CBL to verify cement top. Submit the electronic copy of the log for verification to the following addresses: brandon.powell@state.nm.us

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.

BP America

Plug And Abandonment Procedure

GCU 214

910' FNL & 2460' FEL, Section 16, T28N, R12W

San Juan County, NM / API 30-045-11623

- 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 ½" bit or casing scraper on 2-3/8" work string and round trip as deep as possible above top perforation at 5892'.**
- 6. P/U 4 ½" CR, TIH and set CR at +/- 5842'. 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. RU wireline and run CBL with 500 psi on casing from CR at 5842' to surface to identify TOC. Adjust plugs as necessary for new TOC. Email log copy to**

Jack Savage (BLM) at jwsavage@blm.gov and Brandon Powell at Brandon.powell@state.nm.us upon completions of logging operations.

8. 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

- ✓ 9. Plug 1 (Dakota Perforations and Dakota Formation Top 5842'-5792', 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.

- ✓ 10. Plug 2 (Gallup Formation Top 4982'-4832', 12 Sacks Class B Cement)

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

- ✓ 11. Plug 3 (Mancos Formation Top 4080'-3930', 12 Sacks Class B Cement)

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

- ✓ 12. Plug 4 (Mesa Verde Formation Top 2944'-2764', 15 Sacks Class B Cement)

Mix 15 sx Class B cement and spot a balanced plug inside casing to cover Mesa Verde and formation top.

- 208 - 2188'
13. Plug 5 (Chacra Formation Top 1895'-1745', 12 Sacks Class B Cement)

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

- ✓ 14. Plug 6 (Pictured Cliffs Formation Top 1332'-1182', 12 Sacks Class B Cement)

add Fruitland Plug Form (1021-921)

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

✓15. Plug 7 (Surface Shoe and Surface 347'-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 347' 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 347' and the annulus from the squeeze holes to surface. Shut in well and WOC.

16. 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 214
API #: 3004511623
San Juan, New Mexico

Surface Casing

8.625" 24# @ 347ft

Plug 7

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

Plug 6

1332 feet - 1182 feet
150 feet plug
12 sacks of Class B Cement

Plug 5

1895 feet - 1745 feet
150 feet plug
12 sacks of Class B Cement

Plug 4

2944 feet - 2764 feet
180 feet plug
15 sacks of Class B Cement

Plug 3

4080 feet - 3930 feet
150 feet plug
12 sacks of Class B Cement

Plug 2

4982 feet - 4832 feet
150 feet plug
12 sacks of Class B Cement

Plug 1

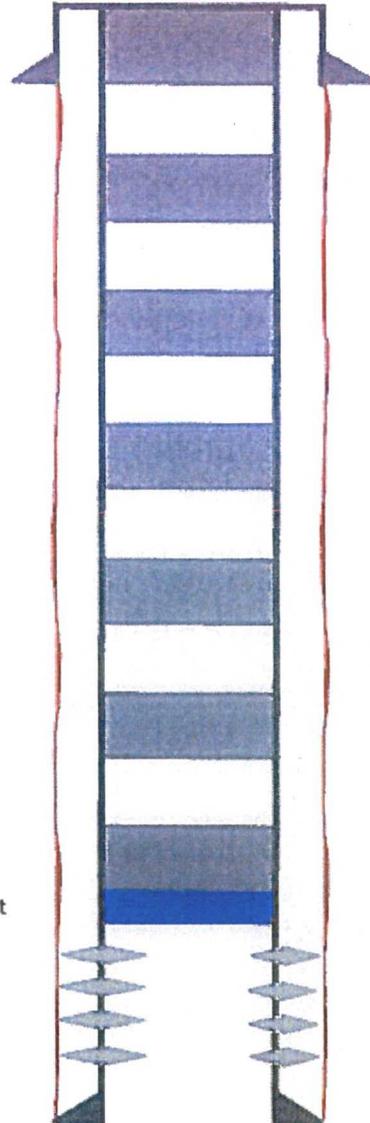
5842 feet - 5792 feet
50 feet plug
6 sacks of Class B Cement

Formation

Retainer @ 5842 feet

Production Casing

4.5" 11.6# @ 4138ft



Perforations

5906 feet - 5916 feet
5892 feet - 5900 feet
5812 feet - 5825 feet