

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. I149IND8478
2. Name of Operator BP AMERICA PRODUCTION CO		6. If Indian, Allottee or Tribe Name EASTERN NAVAJO
3a. Address 200 ENERGY COURT FARMINGTON, NM 87401		7. If Unit or CA/Agreement, Name and/or No.
3b. Phone No. (include area code) Ph: 281.366.7148		8. Well Name and No. GALLEGOS CANYON 49
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 31 T28N R12W NENE 0990FNL 0892FEL 36.623250 N Lat, 108.146420 W Lon		9. API Well No. 30-045-07076-00-S1
		10. Field and Pool or Exploratory Area BASIN FRUITLAND COAL
		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 recomplate 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 recomplate 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 including 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

JUL 09 2018

DISTRICT III

14. I hereby certify that the foregoing is true and correct. Electronic Submission #397490 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 06/29/2018 (18JWS0116SE)	
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>06/29/2018</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 ****

NMOCD

BP America

Plug And Abandonment Procedure

GCU 49

990' FNL & 892' FEL, Section 31, T28N, R12W

San Juan County, NM / API 30-045-07076

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 5-1/2" bit or casing scraper on 2-3/8" workstring and round trip as deep as possible above top perforation at 1251'.
5. P/U 5-1/2" CR, RIH and set CR at +/- 1201'. 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.
6. RU wireline and run CBL with 500 psi on casing from CR at 1201' 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.

7. 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 (Pictured Cliffs Interval, Fruitland Formation Top 1201'-1151', 10 Sacks Class G Cement)

Mix 10 sx Class G cement and spot a balanced plug inside casing to cover Pictured Cliffs interval and Fruitland formation top.

10. Plug 2 (Kirtland Formation Top Surface Shoe 250'-surface, 35 Sacks Class G 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 35 sx cement and spot a balanced plug from 250' 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 250' and the annulus from the squeeze holes to surface. Shut in well and WOC.

11. 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 49
API #: 3004507076
San Juan, New Mexico

Surface Casing

8.625" 24# @ 97ft

Plug 2

250 feet - Surface
250 feet plug
35 sacks of Class G Cement

Plug 1

1201 feet - 1151 feet
50 feet plug
10 sacks of Class G Cement

Formation

Pictured Cliffs - 1270 feet

Retainer @ 1201 feet

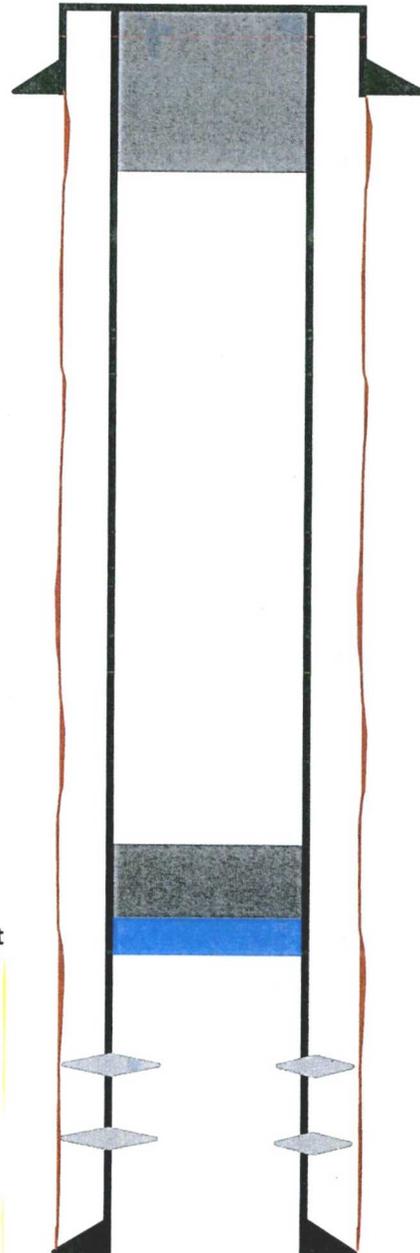
Perforations

1251 feet - 1267 feet

1289 feet - 1325 feet

Production Casing

5.5" 14# @ 1274ft



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 49

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.
3. The following modifications to your plugging program are to be made:

a) Set plug #1 from (1201'-910') ft to cover Fruitland tops. **BLM picks the Fruitland top at 960 ft.**

Operator will run a CBL to verify cement top. Submit the electronic copy of the log for verification to the following addresses: jwsavage@blm.gov 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.