

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM 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.*5. Lease Serial No.  
NMSF078904

6. If Indian, Allottee or Tribe Name

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

**SUBMIT IN TRIPLICATE - Other instructions on page 2**

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other8. Well Name and No.  
GCU 232

2. Name of Operator

BP AMERICA PRODUCTION COMPANY

Contact: PATTI CAMPBELL

Mail: patti.campbell@bpx.com

9. API Well No.

30-045-11630-00-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  
WEST KUTZ PICTURED CLIFFS

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Sec 26 T28N R12W SWSW 1190FSL 0990FWL  
36.629230 N Lat, 108.086170 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			
<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, wellbore diagrams and BLM required reclamation plan documents.

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

AUG 03 2018

DISTRICT III

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

Electronic Submission #426687 verified by the BLM Well Information System  
For BP AMERICA PRODUCTION COMPANY, sent to the Farmington  
Committed to AFMSS for processing by JACK SAVAGE on 07/09/2018 (18JWS0151SE)

Name (Printed/Typed) PATTI CAMPBELL

Title REGULATORY ANALYST

Signature (Electronic Submission)

Date 07/09/2018

## THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By JACK SAVAGE

Title PETROLEUM ENGINEER

Date 07/09/2018

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 \*\*

NMOCD

## PLUG AND ABANDONMENT PROCEDURE

December 12/2017

### Gallegos Canyon Unit #232

1190' FSL and 990' FWL, Section 26, T28N, R12W  
San Juan County, New Mexico / API 30-045-11630

**Note:** All cement volumes use 100% excess outside pipe and 50' excess inside. The stabilizing wellbore fluid will be 8.3 ppg, sufficient to balance all exposed formation pressures. All cement will be Class B, mixed at 15.6 ppg with a 1.18 cf/sx yield.

1. This project will use an A-Plus steel tank to handle waste fluids circulated from the well and cement wash up.
2. Install and test location rig anchors. Comply with all NMOCD, BLM, and Operator safety regulations. MOL and RU daylight pulling unit. Conduct safety meeting for all personnel on location. Record casing, tubing and bradenhead pressures. NU relief line and blow down well. Kill well with water as necessary and at least pump tubing capacity of water down the tubing. ND wellhead and NU BOP. Function test BOP.
3. Rods: Yes\_\_\_\_, No\_\_\_\_, Unknown\_\_\_\_.  
Tubing: Yes X, No\_\_\_\_, Unknown\_\_\_\_, Size 2-3/8", Length 1724'.

Packer: Yes\_\_\_\_, No X, Unknown\_\_\_\_, Type\_\_\_\_\_.

If this well has rods or a packer, then modify the work sequence in step #2 as appropriate.

RIH with gauge ring and / or mill and tag existing plugback at 1840' +/- . If no tag then notify regulatory and modify this procedure as appropriate.

4. **Plug #1 (Pictured Cliffs interval and Fruitland top, 1647' – 1169')**: RIH and set 4.5" cement retainer at 1547'. Pressure test tubing to 1000 PSI. Load casing with water and circulate well clean. Pressure test casing to 800#. **If the casings do not test, then spot or tag subsequent plugs as appropriate.** Circulate well clean. Mix and pump 79 sxs Class B cement; squeeze 50 sxs below CR and leave 29 sxs inside casing above CR from 1547' to isolate PC interval and cover the Fruitland top. PUH.
5. **Plug #2 (Kirtland, Ojo Alamo and 8.625" casing shoe, 546' – 0')**: Attempt to pressure test the bradenhead annulus to 300 PSI; note the volume to load. If the BH annulus holds pressure, then establish circulation out casing valve with water. Mix approximately 50 sxs cement and spot a balanced plug from 546' to surface, circulate good cement out casing valve. TOH and LD tubing. Shut well in and WOC. If the BH annulus does not test, then perforate at the appropriate depth and attempt to circulate cement to surface. Shut in well and WOC.
6. 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 cut off anchors. Restore location per BLM stipulations



# Gallegos Canyon Unit #232

## Proposed P&A

West Kutz Pictured Cliffs

1190' FSL & 0990' FWL, Section 26 T-28-N, R-12-W, San Juan County, NM

API 30-045-11630

Today's Date: 12/12/17

Spud: 3/09/66

Comp: 01/06/99

Elevation: 5844' GI

12-1/4" hole

Ojo Alamo @ 387'

Kirtland @ 496'

Fruitland @ 1219'

Pictured Cliffs @ 1598'

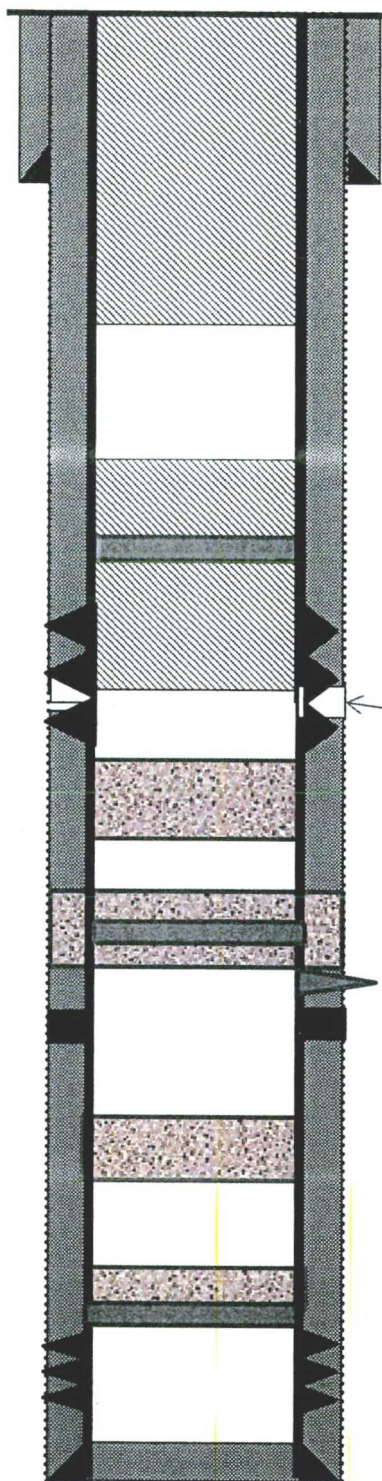
Chacra @ 1990'

Mesaverde @ 3170'

Gallup @ 5212'

Dakota @ 5998'

7.875" hole



8-5/8", 24#, Casing set @ 357'  
Cement with 200 sxs, circulated

**Plug #6: 546' - 0"**  
Class B cement, 50 sxs

TOC @ Surface (2010 CBL)

**Plug #5: 1647' - 1169'**  
Class B cement, 79 sxs  
50sxs below CR and 29 above

Set CR @ 1547'

Pictured Cliffs Perforations:  
1597' - 1840'

DV Tool at 1743'  
2nd Stage: Cement with 400 sxs,

**Plug #4: 2040' - 1840'**  
Class B cement, 19 sxs

Set CR @ 3170'

Perforate @ 3210'

**Plug #3: 3210' - 3120'**  
Class B cement, 68 sxs  
50 below and 18 above

DV Tool at 4429'  
2nd Stage: Cement with 550 sxs,

**Plug #2: 5262' - 5012'**  
Class B cement, 50 sxs

Set CR @ 6045'

Dakota Perforations:  
6083' - 6190'

**Plug #1: 6045' - 5795'**  
Class B cement, 38 sxs

4.5", 10.5#, Casing set @ 6301'  
1st Stage: Cement with 500 sxs

TD 6301'  
PBD 1840'

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: Gallegos Canyon Unit 232

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.

Low concentrations of H<sub>2</sub>S (12 -<100 ppm GSV) have been reported in wells within a 1 mile radius of this location.

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.