

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. NMSF078903A
2. Name of Operator BP AMERICA PRODUCTION CO Contact: TOYA COLVIN E-Mail: Toya.Colvin@bp.com		6. If Indian, Allottee or Tribe Name EASTERN NAVAJO
3a. Address 200 ENERGY COURT FARMINGTON, NM 87401	3b. Phone No. (include area code) Ph: 281.366.7148	7. If Unit or CA/Agreement, Name and/or No. 892000844E
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 34 T28N R12W NWSE 1650FSL 1650FEL 36.615970 N Lat, 108.095080 W Lon		8. Well Name and No. GALLEGOS CANYON UNIT 24
		9. API Well No. 30-045-07003-00-S1
		10. Field and Pool or Exploratory Area UNNAMED
		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 recompleat 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 recompleat 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 procedure, wellbore diagram, and required reclamation plan documents.

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

NMOCD

MAY 10 2018

DISTRICT III

**CONDITIONS OF APPROVAL**

Adhere to previously issued stipulations.

SEE ATTACHED FOR  
CONDITIONS OF APPROVAL

Notify NMOCD 24 hrs  
prior to beginning  
operations

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

**Electronic Submission #411099 verified by the BLM Well Information System  
For BP AMERICA PRODUCTION CO, sent to the Farmington  
Committed to AFMSS for processing by ABDELGADIR ELMADANI on 05/07/2018 (18AE0020SE)**

Name (Printed/Typed) TOYA COLVIN	Title REGULATORY ANALYST
Signature (Electronic Submission)	Date 04/10/2018

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved By <u>ABDELGADIR ELMADANI</u>	Title <u>PETROLEUM ENGINEER</u>	Date <u>05/07/2018</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

## PLUG AND ABANDONMENT PROCEDURE

January 30, 2018

### Gallegos Canyon Unit #24

West Kutz Pictured Cliffs

1650' FSL and 1650' FEL, Section 34, T28N, R11W

San Juan County, New Mexico / API 30-045-07003

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. 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.
2. Rods: Yes  , No  , Unknown  .  
Tubing: Yes  , No  , Unknown  , Size 2-3/8" , Length 1557' .  
Packer: Yes  , No  , Unknown  , Type  .
3. **NOTE: BLM requires a CBL log to be run on all wells where the cement did not circulate to surface or a CBL log was not previously run. This procedure is prepared with the understanding that it may be modified based on the TOC from the CBL.**
4. **Plug #1 (Pictured Cliffs interval, Fruitland top, 1505' – 1211')**: RIH and set 7" CR at 1505'. Pressure test tubing to 1000#. Circulate well clean. Pressure test casing to 800#. If casing does not test then spot or tag subsequent plugs as appropriate. Mix 65 sxs Class B cement inside casing from 1505' to 1211' to isolate the Pictured Cliffs interval and cover Fruitland top. PUH.
5. **Plug #2 (Kirtland and Ojo Alamo tops, 475' – 271')**: Perforate squeeze holes at 475'. RIH and set CR at 425'. Mix 69 sxs Class B cement; squeeze 40 sxs outside casing and leave 29 sxs inside. TOH and LD tubing
6. **Plug #3 (9-5/8" casing shoe and surface, 137' – 0')**: Perforate squeeze holes at 137'. Establish circulation out bradenhead with water and circulate the BH annulus clean. Mix approximately 55 sxs Class B cement and pump down the 7" casing to circulate good cement out bradenhead. Shut in well and WOC.
7. 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 #24

## Proposed P&A

West Kutz Pictured Cliffs

1650' FSL, 1650' FEL, Section 34, T-28-N, R-11-W

San Juan County, NM, API #30-045-07003

Today's Date: 1/30/18

Spud: 12/12/52

Completed: 12/30/52

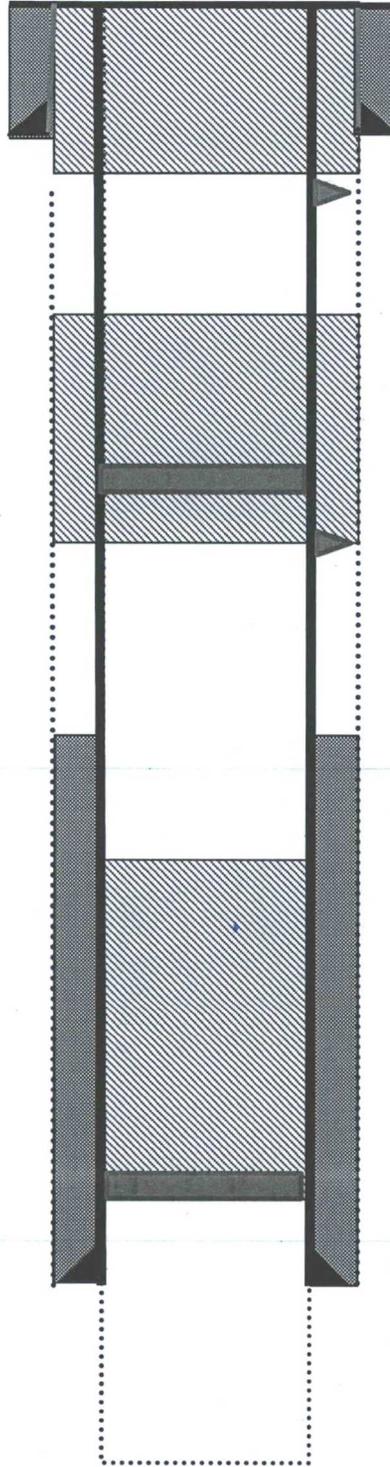
Elevation: 5868' GL

Ojo Alamo @ 321'

Kirtland @ 425'

Fruitland @ 1261'

Pictured Cliffs @ 1551'



**Plug #3: 137' - 0'**  
Class B cement, 55 sxs

9-5/8" 40# Casing set @ 87'  
Cement with 50 sxs, circulated to surface.

**Perforate @ 137'**

**Plug #2: 475' - 271'**  
Class B cement, 69 sxs:  
29 inside, 40 outside

**Set CR @ 425'**

**Perforate @ 475'**

TOC unknown; Did not circulate

**Plug #1: 1505' - 1211'**  
Class B cement, 65 sxs

**Set CR @ 1505'**

7" 20#, Casing set @ 1555'  
Cement with 100 sxs

Pictured Cliffs interval:  
1555' - 1616'

8.75" hole

6.25" hole

**TD 1616'**

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 24

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 #2 (484 - 262) ft. inside/outside to cover the Kirtland top and the entire Ojo Alamo interval. BLM picks top of Kirtland at 434 ft. BLM picks top of Ojo Alamo at 312 ft.

Operator must run CBL to verify cement top. Submit the electronic copy of the log for verification to the following addresses: [jwsavage@blm.gov](mailto:jwsavage@blm.gov) [Brandon.Powell@state.nm.us](mailto:Brandon.Powell@state.nm.us)

Low concentrations of H<sub>2</sub>S (12 ppm - <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.