

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.*

5. Lease Serial No.  
NMSF078903

6. If Indian, Allottee or Tribe Name  
EASTERN NAVAJO

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

8. Well Name and No.  
GALLEGOS CANYON UNIT 53

9. API Well No.  
30-045-06979-00-C1

10. Field and Pool or Exploratory Area  
BASIN FRUITLAND COAL  
WEST KUTZ PICTURED CLIFFS

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

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

1. Type of Well  
 Oil Well  Gas Well  Other

2. Name of Operator  
BP AMERICA PRODUCTION CO  
Contact: TOYA COLVIN  
E-Mail: Toya.Colvin@bp.com

3a. Address  
200 ENERGY COURT  
FARMINGTON, NM 87401  
3b. Phone No. (include area code)  
Ph: 281.366.7148

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
Sec 36 T28N R12W SWSW 0990FSL 0990FWL  
36.614090 N Lat, 108.068050 W Lon

**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 would like to P&A the subject well. Please see the attached procedure and wellbore diagram.

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

Eastern Navajo NMNM78391A

NMOCD

FEB 28 2018

DISTRICT III

Notify NMOCD 24 hrs  
prior to beginning  
operations

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

**Electronic Submission #404847 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 02/23/2018 (18JWS0067SE)**

Name (Printed/Typed) TOYA COLVIN	Title REGULATORY ANALYST
Signature (Electronic Submission)	Date 02/19/2018

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

Approved By JACK SAVAGE	Title PETROLEUM ENGINEER	Date 02/23/2018
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

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## PLUG AND ABANDONMENT PROCEDURE

### Gallegos Canyon Unit #53

Basin Fruitland Coal / W. Kutz Pictured Cliffs  
990' FSL and 990' FWL, Section 36, T28N, R12W  
San Juan County, New Mexico / API 30-045-06979

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 2.375", Length 1784'.  
Packer: Yes , No , Unknown , Type .

**BLM requires a CBL log to be run on all wells where the cement did not circulate to surface or where 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.**

3. **Plug #1 (Pictured Cliffs interval and Fruitland top, 1760' – 1705')**: RIH and set 5.5" CR at 1760'. Circulate well clean. Open perms; no pressure test on this plug. Mix 29 sxs Class B cement (excess cement due to open FtC perms) 1760' to cover the PC and Fruitland intervals. PUH and WOC. TIH tag cement; top off if necessary. PUH. Attempt to pressure test casing. **If casing does not pressure test then spot or tag subsequent plugs as appropriate.** TOH.
4. **Plug #2 (Kirtland and Ojo Alamo tops, 559' – 355')**: Perforate 3 squeeze holes at 559. Establish injection rate if casing tested. Set CR at 509'. Mix and pump 79 sxs Class B cement, squeeze 60 sxs outside and 29 sxs inside to cover the Kirtland and Ojo Alamo tops. TOH with tubing.
5. **Plug #3 (8-5/8" casing shoe, 146' – 0')**: Perforate squeeze holes at 146'. Establish circulation out bradenhead with water and circulate the BH annulus clean. Mix approximately 50 sxs cement and pump down the 5.5" casing to circulate good cement out bradenhead. 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 #53

## Proposed P&A

Basin Fruitland Coal / West Kutz PC

990' FSL, 990' FWL, Section 36, T-28-N, R-12-W

San Juan County, NM, API #30-045-06979

Today's Date: 12/28/17

Spud: 11/8/53

Completed: 9/12/92

Elevation: 6021' GI

Ojo Alamo @ 405'

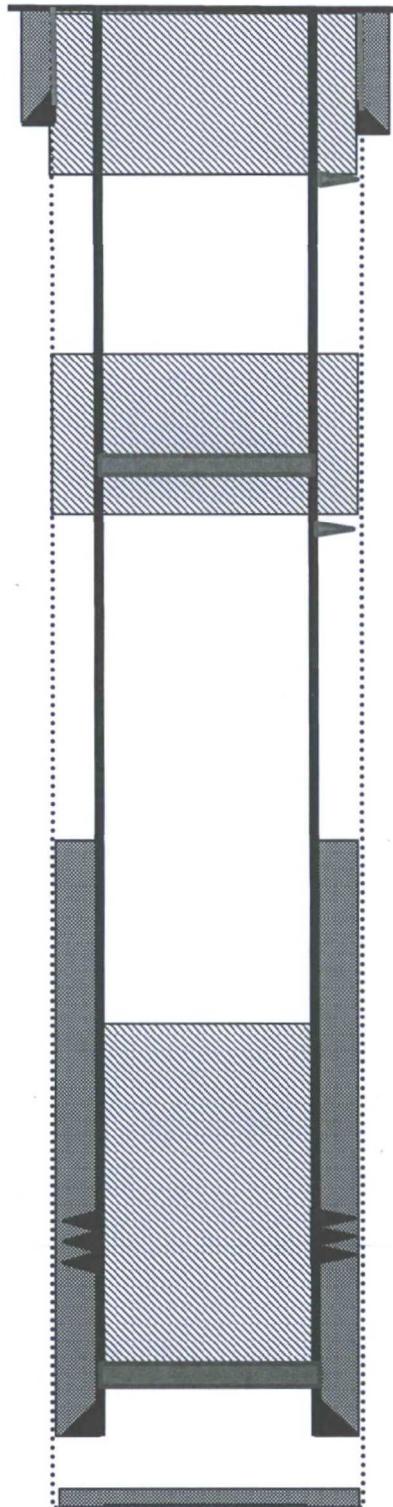
Kirtland @ 509'

Fruitland @ 1723'

Pictured Cliffs @ 1767'

12.25" hole

7-7/8" hole



8-5/8" 24# Casing set @ 96'  
Cement with 70 sxs, circulated

Perforate @ 146'

Plug #3: 146' - 0'  
Class B cement, 50 sxs

Plug #2: 559' - 355'  
Class B cement, 79 sxs  
29 inside and 60 outside

Set CR @ 509'

Perforate @ 559'

TOC unknown; did not circulate.

Plug #1: 1760' - 1705'  
Class B cement, 29 sxs  
(excess due to open perfs)

Fruitland Coal Perforations:  
1723' - 1755'

Set CR @ 1760'

Pictured Cliffs Open Hole:  
1767' - 1811'

5.5" 14# Casing set @ 1771'  
Cement with 100 sxs

TD 1826'  
PBD 1811'

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 #53

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) Add a cement plug (1536-1436) ft. to cover the Fruitland top. BLM picks top of Fruitland at 1486 ft. Adjust cement volume accordingly.
  - b) Set plug #2 (705-523) ft. to cover the Ojo Alamo interval and the Kirtland top. BLM picks top of Ojo Alamo at 573 ft. BLM picks top of Kirtland at 655 ft.

H<sub>2</sub>S has not been reported in this section, however, low concentrations of H<sub>2</sub>S (<100 pm GSV) have been reported in wells within a 1 mile radius of this location.

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](mailto:jwsavage@blm.gov) [tsalyers@blm.gov](mailto:tsalyers@blm.gov) [Brandon.Powell@state.nm.us](mailto: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.