

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 type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other: COAL BED METHANE		5. Lease Serial No. NMSF078109
2. Name of Operator BP AMERICA PRODUCTION CO		6. If Indian, Allottee or Tribe Name EASTERN NAVAJO
3a. Address 380 AIRPORT RD DURANGO, CO 81303		7. If Unit or CA/Agreement, Name and/or No. 892000844L
3b. Phone No. (include area code) Ph: 281.366.7148		8. Well Name and No. GALLEGOS CANYON UNIT 597
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 21 T29N R12W NWSE Lot 8 2200FSL 2310FEL		9. API Well No. 30-045-31620-00-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 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 diagram, 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 02 2018

DISTRICT III

14. I hereby certify that the foregoing is true and correct. Electronic Submission #422751 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 07/31/2018 (18JWS0140SE)	
Name (Printed/Typed) TOYA COLVIN	Title REGULATORY ANALYST
Signature (Electronic Submission)	Date 06/06/2018

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By <u>JACK SAVAGE</u>	Title <u>PETROLEUM ENGINEER</u>	Date <u>07/31/2018</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 AV

PLUG AND ABANDONMENT PROCEDURE

January 9, 2018

Gallegos Canyon Unit #597

West Kutz Pictured Cliffs

2200' FSL and 2310' FEL, Section 21, T29N, R12W

San Juan County, New Mexico / API 30-045-31620

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 1545' .
Packer: Yes , No , Unknown , Type .
3. **Plug #1 (Fruitland interval, 1410' – 1310')**: Round trip 4.5" gauge ring or mill to 1410' or as deep as possible. RIH and set 4.5" CR at 1410'. 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 12 sxs Class B cement inside casing from 1410' to 1310' to isolate the Fruitland interval. PUH.
4. **Plug #2 (Kirtland, Ojo Alamo tops and 7" casing shoe, 497' – 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 43 sxs cement and spot a balanced plug from 497' 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 filling the casing and annulus from the squeeze holes to surface. Shut in well and WOC.
5. 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 #597

Proposed P&A

Basin Fruitland Coal

2200' FSL, 2310' FEL, Section 21, T-29-N, R-12-W

San Juan County, NM, API #30-045-31620

Today's Date: 1/9/18

Spud: 6/10/03

Completed: 7/15/03

Elevation: 5554' GL

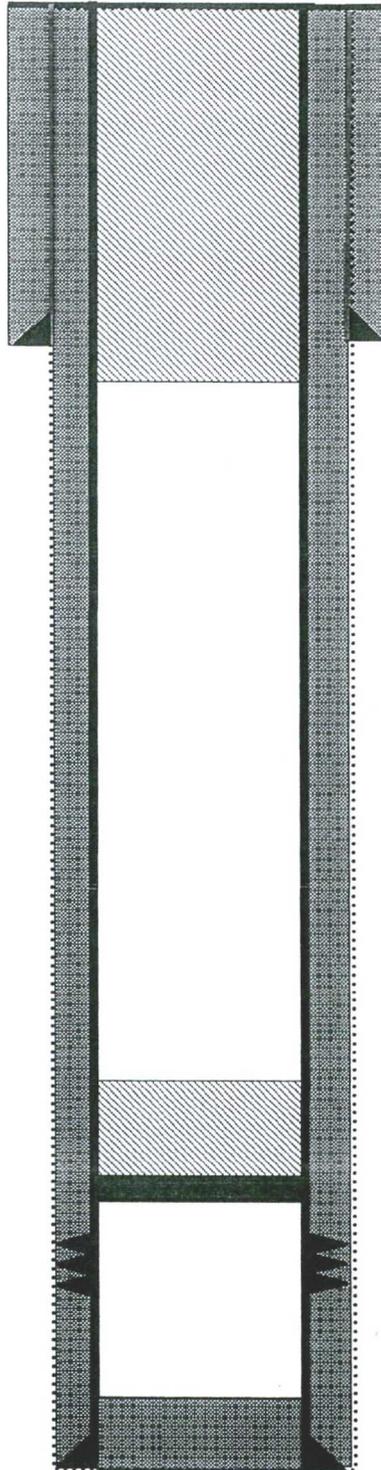
8.75" hole

Ojo Alamo @ 234'

Kirtland @ 320'

Fruitland @ 1498'

6.25" hole



Circulated cement to surface

Plug #2: 497' - 0'
Class B cement, 43 sxs

7" 23# Casing set @ 447'
Cement with 206 sxs, circulated to surface.

Plug #1: 1410' - 1310'
Class B cement, 12 sxs

Set CR @ 1410'

Fruitland Coal Perforations:
1460' - 1510'

4.5", 10.5#, Casing set @ 1737'
Cement with 181 sxs, circulated to surface

TD 1741'
PBTD 1537'

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 #597

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 (1440 - 1135) ft. to cover the Fruitland top. BLM picks top of Fruitland at 1185 ft.

This well is located in the Lee Acres Alluvium and Lee Acres Landfill Superfund Site.

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.