

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.***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. NMSF077966
2. Name of Operator BP AMERICA PRODUCTION CO		6. If Indian, Allottee or Tribe Name EASTERN NAVAJO
Contact: TOYA COLVIN E-Mail: Toya.Colvin@bp.com		7. If Unit or CA/Agreement, Name and/or No. 892000844F
3a. Address 200 ENERGY COURT FARMINGTON, NM 87401	3b. Phone No. (include area code) Ph: 281.366.7148	8. Well Name and No. GALLEGOS CANYON UNIT 155
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 23 T28N R13W SESW 0990FSL 1700FWL 36.643200 N Lat, 108.191150 W Lon		9. API Well No. 30-045-07269-00-S1
		10. Field and Pool or Exploratory Area BASIN DAKOTA
		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 P&A procedure and the required BLM reclamation plans.

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

OIL CONS. DIV DIST. 3**AUG 21 2017****SEE ATTACHED FOR
CONDITIONS OF APPROVAL****BLM'S APPROVAL OR ACCEPTANCE OF THIS
ACTION DOES NOT RELIEVE THE LESSEE AND
OPERATOR FROM OBTAINING ANY OTHER
AUTHORIZATION REQUIRED FOR OPERATIONS
ON FEDERAL AND INDIAN LANDS****Notify NMOCD 24 hrs
prior to beginning
operations**

14. I hereby certify that the foregoing is true and correct. Electronic Submission #384704 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 08/16/2017 (17AE0101SE)	
Name (Printed/Typed) TOYA COLVIN	Title REGULATORY ANALYST
Signature (Electronic Submission)	Date 08/15/2017

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By <u>ABDELGADIR ELMADANI</u>	Title <u>PETROLEUM ENGINEER</u>	Date <u>08/16/2017</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 155

990' FSL & 1700' FWL, Section 23, T28N, R13W

San Juan County, NM / API 30-045-07269

- 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 4 ½" bit or casing scraper on 2-3/8" work string and round trip as deep as possible above top perforation at 6315'.**
- 6. P/U 4 ½" CR, TIH and set CR at +/- 6265'. 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.**
- 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

8. Plug 1 (Dakota Perforations and Dakota Formation Top 6265'-6215', 12 Sacks Class B Cement)

Mix 12 sx Class B cement and spot a balanced plug inside casing to cover Dakota perforations and formation top.

9. Plug 2 (Gallup Formation Top 5410'-5260', 12 Sacks Class B Cement)

Mix 12 sx Class B cement and spot a balanced plug inside casing to cover Gallup formation top.

10. Plug 3 (Mancos Formation Top 4540'-4390', 12 Sacks Class B Cement)

Mix 12 sx Class B cement and spot a balanced plug inside casing to cover Mancos formation top.

11. Plug 4 (Mesa Verde and Chacra Formation Tops 2680'-2300', 30 Sacks Class B Cement)

Mix 30 sx Class B cement and spot a balanced plug inside casing to cover Mesa Verde and Chacra formation tops.

12. Plug 5 (Pictured Cliffs Formation Top 1770'-1620', 12 Sacks Class B Cement)

Mix 12 sx Class B cement and spot a balanced plug inside casing to cover Pictured Cliffs formation top.

13. Plug 6 (Surface Shoe and Surface 364'-surface, 125 Sacks Class B 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 125 sx cement and spot a balanced plug from 364' 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 364' and the annulus from the squeeze holes to surface. Shut in well and WOC.

14. 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

GCU 155

API #: 3004507269

San Juan, New Mexico

Surface Casing

8-5/8" 24# @ 364 ft

Plug 6

364 ft - Surface
125 sks of Class B

Plug 5

1770 ft - 1620 ft
150 ft plug
12 sks of Class B

Plug 4

2680 ft - 2300 ft
380 ft plug
30 sks of Class B

Plug 3

4540 ft - 4390 ft
150 ft plug
12 sks of Class B

Plug 2

5410 ft - 5260 ft
150 ft plug
12 sks of Class B

Plug 1

6265 ft - 6215 ft
50 ft plug
12 sks of Class B

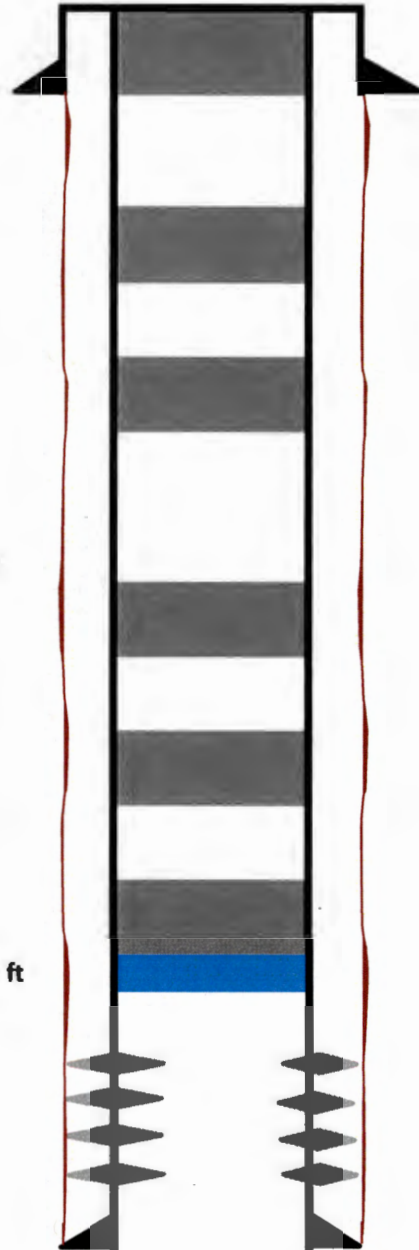
Formation

Lewis - 1910 feet
MesaVerde - 2630 feet
Mancos - 4490 feet
Gallup - 5360 feet
Lower Gallup - 5720 feet
Greenhorn - 6190 feet
Graneros Shale - 6250 feet
Graneros Dakota - 6312 feet
Dakota - 6377 feet

Retainer Set at 6265 ft

Production Casing

4.5" 10.5# @ 6475 ft



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 # 155

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.

- a) Set Plug #4 (2680'-2182') ft to cover the Chacra top. BLM picks top of Chacra at 2232' ft.
- b) Add Fruitland Plug (1470'-1370') ft to cover the Fruitland top. BLM picks Fruitland tops at 1420ft.
- c) Add Kirtland Plug (529'-429') ft to cover Kirtland top. BLM picks Kirtland tops at 479ft.
- d) Set Plug #6 (409'-0') ft to cover Ojo Alamo top. BLM picks Ojo Alamo tops at 359ft.

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.