

State of New Mexico  
Energy, Minerals and Natural Resources Department

Michelle Lujan Grisham  
Governor

Sarah Cottrell Propst  
Cabinet Secretary

Todd E. Leahy, JD, PhD  
Deputy Secretary

Adrienne Sandoval, Division Director  
Oil Conservation Division



New Mexico Oil Conservation Division approval and conditions listed below are made in accordance with OCD Rule 19.15.7.11 and are in addition to the actions approved by BLM on the following 3160-4 or 3160-5 form.

Operator Signature Date: 2/24/2020

Well information:

**30-045-24645 GALLEGOS CANYON UNIT #217E**

SIMCOE LLC

Application Type:

☒ P&A   ☐ Drilling/Casing Change   ☐ Location Change

☐ Recomplete/DHC (For hydraulic fracturing operations review EPA

Underground injection control Guidance #84; Submit Gas Capture Plan form prior to spudding or initiating recompletion operations)

☐ Other: Click or tap here to enter text.

Conditions of Approval:

☒ Notify appropriate NMOCD district office 24 Hours prior to commencing activities.

☒ In addition to the BLM approved plugs, include the following:

- Include a plug 2465'-2365'. OCD and BLM Chacra pick @ 2415'.

NMOCD Approved by Signature

9/30/2020

Date

Form 3160-5  
(June 2015)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.  
NMSF078905

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.  
GALLEGOS CANYON UNIT 217E9. API Well No.  
30-045-24645-00-C210. Field and Pool or Exploratory Area  
BASIN DAKOTA  
PINON GALLUP

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: PATTI CAMPBELL

E-Mail: patti.campbell@bpx.com

3a. Address

1199 MAIN AVE SUITE 101  
DURANGO, CO 81301

3b. Phone No. (include area code)

Ph: 970-712-5997

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

Sec 13 T28N R12W NWNW 0840FNL 1050FWL  
36.667010 N Lat, 108.067950 W Lon**NMOCD REC'D**  
**9/29/20****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, 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.

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

**Electronic Submission #504277 verified by the BLM Well Information System**  
**For BP AMERICA PRODUCTION CO, sent to the Farmington**  
**Committed to AFMSS for processing by JOHN HOFFMAN on 02/25/2020 (20JH0121SE)**

Name (Printed/Typed) PATTI CAMPBELL

Title REGULATORY ANALYST

Signature (Electronic Submission)

Date 02/24/2020

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

Approved By JOHN HOFFMAN

Title PETROLEUM ENGINEER

Date 04/28/2020

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 \*\***

**Revisions to Operator-Submitted EC Data for Sundry Notice #504277**

	<b>Operator Submitted</b>	<b>BLM Revised (AFMSS)</b>
Sundry Type:	ABD NOI	ABD NOI
Lease:	NMSF078905	NMSF078905
Agreement:	NMNM78391C	
Operator:	BP AMERICA PRODUCTION COMPANY 1199 MAIN AVE, SUITE 101 DURANGO, CO 81301 Ph: 970-712-5997	BP AMERICA PRODUCTION CO 1199 MAIN AVE SUITE 101 DURANGO, CO 81301
Admin Contact:	PATTI CAMPBELL REGULATORY ANALYST E-Mail: patti.campbell@bpx.com  Ph: 970-712-5997	PATTI CAMPBELL REGULATORY ANALYST E-Mail: patti.campbell@bpx.com  Ph: 970-712-5997
Tech Contact:	PATTI CAMPBELL REGULATORY ANALYST E-Mail: patti.campbell@bpx.com  Ph: 970-712-5997	PATTI CAMPBELL REGULATORY ANALYST E-Mail: patti.campbell@bpx.com  Ph: 970-712-5997
Location: State: County:	NM SAN JUAN COUNTY	NM SAN JUAN
Field/Pool:	BASIN DAKOTA	BASIN DAKOTA PINON GALLUP
Well/Facility:	GALLEGOS CANYON UNIT 217E Sec 13 T28N R12W Mer NMP NWNW 840FNL 1050FWL	GALLEGOS CANYON UNIT 217E Sec 13 T28N R12W NWNW 0840FNL 1050FWL 36.667010 N Lat, 108.067950 W Lon

## **BP America**

### **Plug And Abandonment Procedure**

#### **GCU 217 E**

840' FNL & 1050' FWL, Section 13, T28N, R12W

San Juan County, NM / API 30-045-24645

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 5 ½" bit or casing scraper on 2-3/8" work string and round trip as deep as possible above top perforation at 5950'.
6. P/U 5 ½" CR, TIH and set CR at +/- 5900'. 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 Formation Top 5900'-5850', 6 Sacks Class G Cement)**

Mix 6 sx Class G cement and spot a balanced plug inside casing to cover the Dakota perforations and formation top.

**9. Plug 2 (Gallup Perforations and Formation Top 5370'-4990', 44 Sacks Class G Cement)**

P/U 5 ½" CR, TIH and set at 5370'. Mix 44 sx Class G cement and spot a balanced plug inside casing to cover the Gallup perforations and formation top.

**10. Plug 3 (Mancos Formation Top 4250'-4100', 18 Sacks Class G Cement)**

Mix 18 sx Class G cement and spot a balanced plug inside casing to cover the Mancos formation top.

**11. Plug 4 (Mesa Verde(Point Lookout) Formation Top 3940'-3790', 18 Sacks Class G Cement)**

Mix 18 sx Class G cement and spot a balanced plug inside casing to cover the Mesa Verde(Point Lookout) formation top.

**12. Plug 5 (Mesa Verde(Menefee, Cliff House) and Chacra Formation Tops 3180'-2600', 66 Sacks Class G Cement)**

Mix 66 sx Class G cement and spot a balanced plug inside casing to cover the Mesa Verde(Menefee, Cliff House) and Chacra formation tops.

**13. Plug 6 (Pictured Cliffs and Fruitland Formation Tops 1500'-1025', 54 Sacks Class G Cement)**

Mix 54 sx Class G cement and spot a balanced plug inside casing to cover the Pictured Cliffs and Fruitland formation top.

**14. Plug 7 (Surface Casing Shoe 377'-surface, 118 Sacks Class G 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 118 sx cement and spot a balanced plug from 377' 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 377' and the annulus from the squeeze holes to surface. Shut in well and WOC.

15. 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 217 E

API #: 3004524645

San Juan County, New Mexico

### Plug 7

377 feet - Surface

377 feet plug

118 sacks of Class G Cement

### Plug 6

1500 feet - 1025 feet

475 feet plug

54 sacks outside of casing

### Plug 5

3180 feet - 2600 feet

580 feet plug

66 sacks of Class G Cement

### Plug 4

3940 feet - 3790 feet

150 feet plug

18 sacks of Class G Cement

### Plug 3

4250 feet - 4100 feet

150 feet plug

18 sacks of Class G Cement

### Plug 2

5370 feet - 4990 feet

380 feet plug

44 sacks of Class G Cement

### Plug 1

5900 feet - 5850 feet

50 feet plug

6 sacks of Class G Cement

### Surface Casing

8.625" 24# @ 327 ft

### Formation

Fruitland - 1125 ft

Pictured Cliffs - 1450 ft

Lewis - 1535 ft

Cliff House - 3000 ft

Menefee - 3130 ft

Point Lookout - 3890 ft

Mancos - 4200 ft

Gallup - 5090 ft

Greenhorn - 5840 ft

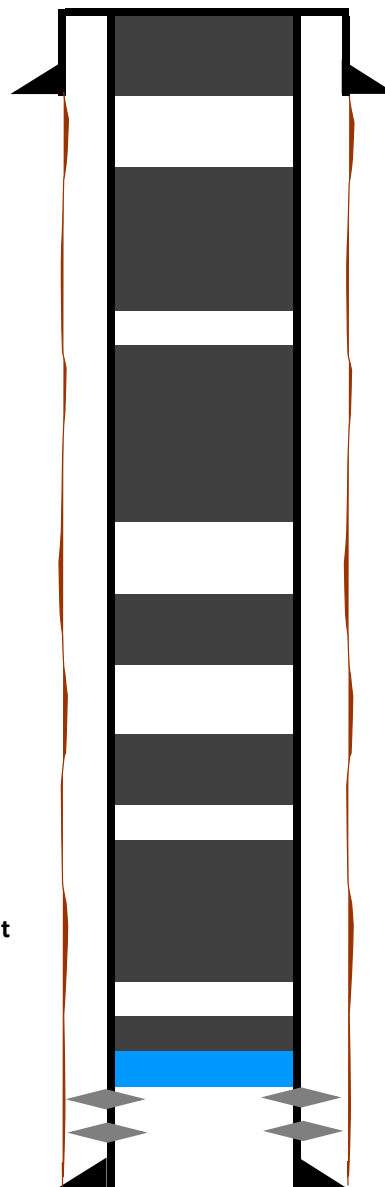
Graneros Shale - 5950 ft

Dakota - 6018 ft

Retainer @ 5900 feet

### Production Casing

5.5" 17# @ 6187 ft



# BLM FLUID MINERALS Geologic Report

**Date Completed:** 4/23/2020

Well No. Gallegos Canyon Unit #217E (API# 30-045-24645)		Location	840	FNL	&	1050	FWL
Lease No. NMSF078905		Sec. 13	T28N			R12W	
Operator BP America Production Co.		County	San Juan		State	New Mexico	
Total Depth	6187	PBTD 6154	Formation Gallup/Dakota (commingled)				
Elevation (GL) 5541		Elevation (KB) 5553					

Geologic Formations	Est. Top	Est. Bottom	Log Top	Log Bottom	Remarks
San Jose Fm					Surface/Fresh water sands
Nacimiento Fm	Surface	182			Fresh water sands
Ojo Alamo Ss	182	272			Aquifer (fresh water)
Kirtland Shale	272			1113	
Fruitland Fm			1113	1450	Coal/Gas/Possible water
Pictured Cliffs Ss			1450	1605	Gas
Lewis Shale			1605	2415	
Chacra			2415	3002	
Cliff House Ss			3002	3130	Water/Possible gas
Menefee Fm			3130	3890	Coal/Ss/Water/Possible O&G
Point Lookout Ss			3890	4200	Probable water/Possible O&G
Mancos Shale			4200	5095	
Gallup			5095	5920	O&G/Water
Graneros Shale			5920	6018	
Dakota Ss			6018	PBTD	O&G/Water

Remarks:

P & A

- BLM geologist's picks for the top of the Fruitland, Lewis, Chacra, and Graneros formations vary from operator's.
- Adjust plugs as detailed in the COAs attached to the Sundry NOI.
- Log analysis of reference well #2 (attached worksheet) indicates the Ojo Alamo sands investigated likely contain fresh water ( $\leq 5,000$  ppm TDS). These fresh water sands are protected behind the surface casing and are adequately covered by the proposed surface plug.
- Please ensure that the tops of the Dakota, Gallup, Mancos, Mesaverde (Cliff House), Pictured Cliffs, and Fruitland formations, as well as the entire Ojo Alamo fresh water aquifer identified in this report are isolated by proper placement of cement plugs.

Reference Well:

1) Same

Fm. Tops

2) BP America  
GCU #314  
1580' FNL, 1560' FWL  
Sec. 17, T28N, R12W  
GL 5648', KB 5653'

Water  
Analysis

Prepared by: Chris Wenman



**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 217E API: 30-045-24645

**CONDITIONS OF APPROVAL**

1. Plugging operations authorized are subject to the "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. Plug #1 requires 20 sacks of cement below the retainer at 5900' and 10 sx on top of the retainer.
4. Adjust plug depths and volumes to match formations in BLM Geological Report.

**District I**

1625 N. French Dr., Hobbs, NM 88240  
Phone:(575) 393-6161 Fax:(575) 393-0720

**District II**

811 S. First St., Artesia, NM 88210  
Phone:(575) 748-1283 Fax:(575) 748-9720

**District III**

1000 Rio Brazos Rd., Aztec, NM 87410  
Phone:(505) 334-6178 Fax:(505) 334-6170

**District IV**

1220 S. St Francis Dr., Santa Fe, NM 87505  
Phone:(505) 476-3470 Fax:(505) 476-3462

**State of New Mexico**  
**Energy, Minerals and Natural Resources**  
**Oil Conservation Division**  
**1220 S. St Francis Dr.**  
**Santa Fe, NM 87505**

COMMENTS

Action 23444

**COMMENTS**

Operator:				OGRID:		Action Number:		Action Type:	
	SIMCOE LLC	1199 Main Ave., Suite 101	Durango, CO81301		329736		23444		C-103F

Created By	Comment	Comment Date
ahvermersch	File current wellbore schematic	04/08/2021

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CONDITIONS

Action 23444

**CONDITIONS OF APPROVAL**

Operator:			OGRID:	Action Number:	Action Type:
SIMCOE LLC	1199 Main Ave., Suite 101	Durango, CO81301	329736	23444	C-103F

OCD Reviewer	Condition
ahvermersch	See attached letter for NMOCD COA's