

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 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.
NMSF078905

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on page 2

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

1. Type of Well
 Oil Well Gas Well Other

8. Well Name and No.
GALLEGOS CANYON UNIT 217E

2. Name of Operator **BP AMERICA PRODUCTION CO** Contact: **PATTI CAMPBELL**
E-Mail: **patti.campbell@bpx.com**

9. API Well No.
30-045-24645-00-C2

3a. Address
1199 MAIN AVE SUITE 101
DURANGO, CO 81301

3b. Phone No. (include area code)
Ph: 970-712-5997

10. Field and Pool or Exploratory Area
BASIN DAKOTA
PINON GALLUP

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

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.

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

	Operator Submitted	BLM Revised (AFMSS)
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

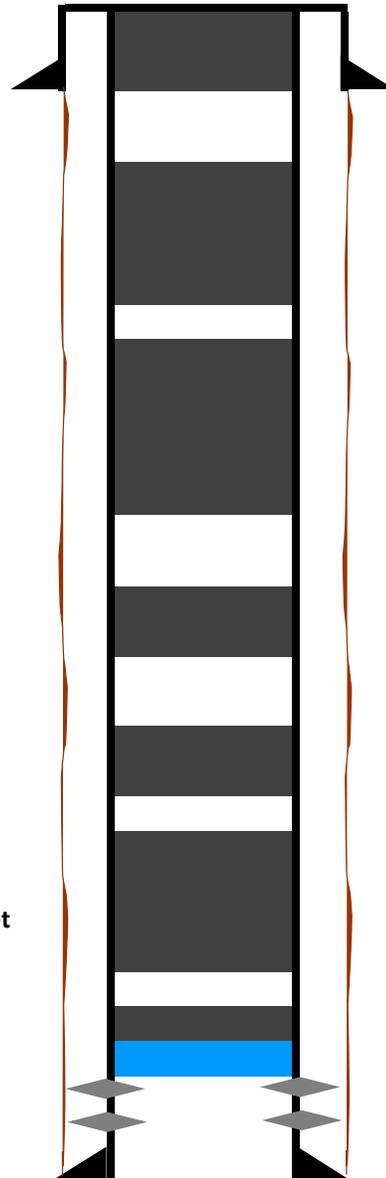
Formation

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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State of New Mexico
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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