Fc <sup>m</sup> 3160-5 (Junie 2015) UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT					FORM APPROVED OMB NO. 1004-0137 Expires: January 31, 2018		
BUREAU OF LAND MANAGEMENT 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					<ol> <li>Lease Serial No. NMSF078106</li> <li>If Indian, Allottee or Tribe Name EASTERN NAVAJO</li> <li>If Unit or CA/Agreement, Name and/or No. 892000844E</li> </ol>		
				F			
1. Type of Well <ul> <li>Oil Well</li> <li>Gas Well</li> <li>Other</li> </ul>					8. Well Name and No. GALLEGOS CANYON UNIT 314		
2. Name of Operator BP AMERICA PRODUCTION	Contact: CO E-Mail: Toya.Colvi				9. API Well No. 30-045-24731-00-S1		
3a. Address 200 ENERGY COURT FARMINGTON, NM 87401	3b. Phone No. (include area code) Ph: 281.366.7148			10. Field and Pool or Exploratory Area BLANCO PICTURED CLIFFS			
4. Location of Well (Footage, Sec., T	n)			11. County or Parish, State			
Sec 17 T28N R12W SENW 15 36.665100 N Lat, 108.138140				SAN JUAN COUNTY, NM			
12. CHECK THE AF	PPROPRIATE BOX(ES)	TO INDICA	TE NATURE O	F NOTICE, F	EPORT, OR OTI	HER DATA	
TYPE OF SUBMISSION		TYPE OF ACTION					
Notice of Intent	Acidize	🗖 Dee	pen	Productio	n (Start/Resume)	Uwater Shut-Of	
_	Alter Casing	🗖 Hyd	Iraulic Fracturing	🗖 Reclamat	ion .	Well Integrity	
Subsequent Report	Casing Repair	🗖 Nev	v Construction	C Recomplete		Other	
Final Abandonment Notice	Change Plans	🛛 Plug	g and Abandon	🗖 Temporar	rily Abandon		
est -	Convert to Injection	🗖 Plug	Plug Back		sposal		
BP requests to P&A the subject the PLM as a visual and the subject to the subject	ct well. Please see the at	tached P&A p	procedure, wellbo	ore diagram, a	and		
the BLM required reclamation In accordance with NMOCD P	plan documents.		• • •		and .		
the BLM required reclamation	plan documents.		• • •	stem during		· · · · · · · · · · · · · · · · · · ·	
the BLM required reclamation In accordance with NMOCD P	plan <u>d</u> ocuments. it Rule 19.15.17.9 NMAC	), BP will use buify NMOCD prior to begin	a closed-loop sys 24 hrs ming	stem during	and 10 CD 1 1 2013		
the BLM required reclamation In accordance with NMOCD P	plan <u>d</u> ocuments. it Rule 19.15.17.9 NMAC	), BP will use	a closed-loop sys 24 hrs ming	stem during	1 1 20:3	·····	
the BLM required reclamation In accordance with NMOCD P	plan <u>d</u> ocuments. it Rule 19.15.17.9 NMAC No p	), BP will use otify NMOCD prior to begin operation	a closed-loop sys 24 hrs ming s	stem during NS JUN CISTR	ICCD 1 1 2013 1 CT 111		
the BL <u>M</u> required reclamation In accordance with NMOCD P operations. 14. I hereby certify that the foregoing is Con	plan <u>d</u> ocuments. it Rule 19.15.17.9 NMAC No P true and correct. Electronic Submission # For BP AMERIC/ mmitted to AFMSS for prov	2, BP will use otify NMOCD prior to begin operation 414112 verifie A PRODUCTIO	a closed-loop sys 24 hrs ming is d by the BLM Wel N CO, sent to the CK SAVAGE on 0	Stem during NS JUM CISTR Information S Farmington 5/22/2018 (18J	ICCD 1 1 2013 ICT III System WS0098SE)		
the BLM required reclamation In accordance with NMOCD P operations. 14. I hereby certify that the foregoing is	plan <u>d</u> ocuments. it Rule 19.15.17.9 NMAC No P true and correct. Electronic Submission # For BP AMERIC/ mmitted to AFMSS for prov	2, BP will use otify NMOCD prior to begin operation 414112 verifie A PRODUCTIO	a closed-loop sys 24 hrs ming is d by the BLM Wel N CO, sent to the CK SAVAGE on 0	stem during NM JUM CISTR Information S Farmington	ICCD 1 1 2013 ICT III System WS0098SE)		
the BL <u>M</u> required reclamation In accordance with NMOCD P operations. 14. I hereby certify that the foregoing is Con	plan documents. It Rule 19.15.17.9 NMAC No P true and correct. Electronic Submission # For BP AMERIC/ mmitted to AFMSS for prod LVIN	2, BP will use otify NMOCD prior to begin operation 414112 verifie A PRODUCTIO	a closed-loop sys 24 hrs ming is d by the BLM Wel N CO, sent to the CK SAVAGE on 0	Stem during	ICCD 1 1 2013 ICT III System WS0098SE)		
the BLM required reclamation In accordance with NMOCD P operations. 14. I hereby certify that the foregoing is Con Name (Printed/Typed) TOYA CO	plan documents. It Rule 19.15.17.9 NMAC No P true and correct. Electronic Submission # For BP AMERIC/ mmitted to AFMSS for prod LVIN	2, BP will use otify NMOCD prior to begin operation 414112 verifie A PRODUCTIC cessing by JA	a closed-loop sys 24 hrs ming s d by the BLM Wel N CO, sent to the CK SAVAGE on 0 Title REGUL Date 04/25/20	Stem during NS JUN E I S I R Farmington 5/22/2018 (18J ATORY ANA	ICCD 1 1 2013 ICT III System WS0098SE) LYST		
the BLM required reclamation In accordance with NMOCD P operations. 14. I hereby certify that the foregoing is Con Name (Printed/Typed) TOYA CO	plan documents. it Rule 19.15.17.9 NMAC No p true and correct. Electronic Submission # For BP AMERIC/ mmitted to AFMSS for prov LVIN Submission)	2, BP will use otify NMOCD prior to begin operation 414112 verifie A PRODUCTIC cessing by JA	a closed-loop sys 24 hrs ming s d by the BLM Wel N CO, sent to the CK SAVAGE on 0 Title REGUL Date 04/25/20	Stem during	10 C D 1 1 2013 1 C T I I I System WS0098SE) LYST	Date 05/22/2	
the BLM required reclamation In accordance with NMOCD P operations. 14. I hereby certify that the foregoing is Con Name (Printed/Typed) TOYA CO Signature (Electronic Signature (Electronic Signature attached conditions of approval, if any, are attached ertify that the applicant holds legal or equ	plan documents. it Rule 19.15.17.9 NMAC it Rule 19.15.17.9 NMAC No plan true and correct. Electronic Submission # For BP AMERIC/ mmitted to AFMSS for prov LVIN Submission) THIS SPACE FC d. Approval of this notice does itable title to those rights in the	2, BP will use otify NMOCD prior to begin operation 414112 verifie A PRODUCTIO cessing by JA DR FEDERA	a closed-loop sys 24 hrs ming is d by the BLM Well N CO, sent to the CK SAVAGE on 0 Title REGUL Date 04/25/20 AL OR STATE O TitlePETROLE	Stem during NS JUM E I S T R Farmington 5/22/2018 (18J ATORY ANA 018 OFFICE US UM ENGINE	10 C D 1 1 2013 1 C T I I I System WS0098SE) LYST	Date 05/22/2	
the BLM required reclamation In accordance with NMOCD P operations. 14. I hereby certify that the foregoing is Name (Printed/Typed) TOYA CO Signature (Electronic E Approved By_JACK SAVAGE Conditions of approval, if any, are attached ertify that the applicant holds legal or equivicible would entitle the applicant to condu- ittle 18 U.S.C. Section 1001 and Title 43	plan documents. it Rule 19.15.17.9 NMAC it Rule 19.15.17.9 NMAC No p true and correct. Electronic Submission # For BP AMERIC/ mmitted to AFMSS for prov LVIN Submission) THIS SPACE FC d. Approval of this notice does itable title to those rights in the ict operations thereon. U.S.C. Section 1212, make it a	2, BP will use btify NMOCD prior to begin operation 414112 verifie A PRODUCTIC cessing by JA DR FEDERA S not warrant or e subject lease crime for any pe	a closed-loop sys 24 hrs ming s d by the BLM Well N CO, sent to the CK SAVAGE on 0 Title REGUL Date 04/25/20 AL OR STATE O TitlePETROLE Office Farming rson knowingly and	stem during NM LUM CISTR Information 5 Farmington 5/22/2018 (18J ATORY ANA 018 OFFICE US UM ENGINEI	ICCD I 1 20:3 ICT III System WS0098SE) LYST E E E	Date 05/22/2	
the BLM required reclamation In accordance with NMOCD P operations. 14. I hereby certify that the foregoing is Name (Printed/Typed) TOYA CO Signature (Electronic S Approved By_JACK SAVAGE. Conditions of approval, if any, are attached ertify that the applicant holds legal or equivalent to condu- itile 18 U.S.C. Section 1001 and Title 43 States any false, fictitious or fraudulent sectors Instructions on page 2)	plan documents. it Rule 19.15.17.9 NMAC it Rule 19.15.17.9 NMAC No p true and correct. Electronic Submission # For BP AMERIC/ mmitted to AFMSS for prov LVIN Submission) THIS SPACE FC d. Approval of this notice does itable title to those rights in the ict operations thereon. U.S.C. Section 1212, make it a statements or representations as	2, BP will use btify NMOCD prior to begin operation 414112 verifie A PRODUCTIC cessing by JA DR FEDERA S not warrant or e subject lease crime for any pe s to any matter w	a closed-loop sys 24 hrs ming is d by the BLM Well N CO, sent to the CK SAVAGE on 0 Title REGUL Date 04/25/20 AL OR STATE O TitlePETROLE Office Farming rson knowingly and ithin its jurisdiction.	stem during NS JUN E I S I R Farmington 5/22/2018 (18J ATORY ANA 018 OFFICE US UM ENGINER ton	ICCD I 1 2013 ICT III System WS0098SE) LYST E E E E E E E	agency of the United	
the BLM required reclamation In accordance with NMOCD P operations. 14. I hereby certify that the foregoing is Name (Printed/Typed) TOYA CO Signature (Electronic S Approved By_JACK SAVAGE. Conditions of approval, if any, are attached ertify that the applicant holds legal or equivalent to condu- itile 18 U.S.C. Section 1001 and Title 43 States any false, fictitious or fraudulent sectors Instructions on page 2)	plan documents. it Rule 19.15.17.9 NMAC it Rule 19.15.17.9 NMAC No p true and correct. Electronic Submission # For BP AMERIC/ mmitted to AFMSS for prov LVIN Submission) THIS SPACE FC d. Approval of this notice does itable title to those rights in the ict operations thereon. U.S.C. Section 1212, make it a	2, BP will use btify NMOCD prior to begin operation 414112 verifie A PRODUCTIC cessing by JA DR FEDERA S not warrant or e subject lease crime for any pe s to any matter w	a closed-loop sys 24 hrs ming is d by the BLM Well N CO, sent to the CK SAVAGE on 0 Title REGUL Date 04/25/20 AL OR STATE O TitlePETROLE Office Farming rson knowingly and ithin its jurisdiction.	stem during NS JUN E I S I R Farmington 5/22/2018 (18J ATORY ANA 018 OFFICE US UM ENGINER ton	ICCD I 1 2013 ICT III System WS0098SE) LYST E E E E E E E	agency of the United	

Ŷ

# **BP** America

### **Plug And Abandonment Procedure**

### GCU 314

1580' FNL & 1560' FWL, Section 17, T28N, R12W

San Juan County, NM / API 30-045-24731

- 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 4-1/2" bit or casing scraper on 2-3/8"" workstring and round trip as deep as possible above top perforation at 1460'.
- P/U 4-1/2" CR, RIH and set CR at +/- 1410'. 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.
- 6. RU wireline and run CBL with 500 psi on casing from CR at 1410' to surface to identify TOC. Adjust plugs as necessary for new TOC. Email log copy to Jack Savage (BLM) at <u>iwsavage@blm.gov</u> and Brandon Powell at <u>Brandon.powell@state.nm.us</u> upon completions of logging operations.

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

9. Plug 1 (Pictured Cliffs perforations and Formation Top 1410'-1352', 6 Sacks Class B Cement)

Mix 6 sx Class B cement and spot a balanced plug inside casing to cover Pictured Cliffs perforations and formation top.

#### 10. Plug 2 (Fruitland Formation Top 1053'-903', 12 Sacks Class B Cement)

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

### 11. Plug 3 (Kirtland, Ojo Alamo Formation Tops and Surface Shoe 271'surface, 60 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 60 sx cement and spot a balanced plug from 271' 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 271' and the annulus from the squeeze holes to surface. Shut in well and WOC.

12. 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 **Gallegos Canyon Unit 314** API #: 3004524731 San Juan, New Mexico Surface Casing Plug 3 7" 17# @ 125 ft 271 feet - Surface 271 feet plug 60 sacks of Class B Cement Plug 2 1053 feet - 903 feet Formation Ojo Alamo - 101 feet 150 feet plug 12 sacks of Class B Cement Kirtland - 221 feet Fruitland Coal - 1003 feet Pictured Cliffs - 1452 feet Plug 1 1410 feet - 1352 feet 58 feet plug 6 sacks of Class B Cement

Retainer @ 1410 feet

<u>Perforations</u> 1460 feet - 1468 feet

> Production Casing 4.5" 10.5# @ 1711 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 314

#### 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 #2 (1188 - 1088) ft. to cover the Fruitland top. BLM picks top of Fruitland at 1138 ft.

b) Set plug #3 (280 - 0) ft. to cover the Kirtland top. BLM picks top of Kirtland at 230 ft.

Operator will run a CBL to verify cement top. Submit the electronic copy of the log for verification to the following addresses: <u>iwsavage@blm.gov Brandon.Powell@state.nm.us</u>

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.