

State of New Mexico  
Energy, Minerals and Natural Resources Department

**Susana Martinez**  
Governor

**David Martin**  
Cabinet Secretary

**Brett F. Woods, Ph.D.**  
Deputy Cabinet Secretary

**Jami Bailey, 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:

Well information:

API WELL #	Well Name	Well #	Operator Name	Type	Stat	County	Surf. Owner	UL	Sec	Twp	N/S	Rng	W/E
30-045-26398-00-00	GALLEGOS CANYON UNIT	157E	BP AMERICA PRODUCTION COMPANY	G	A	San Juan	F	E	35	28	N	13	W

Application Type:

- P&A   
  Drilling/Casing Change   
  Location Change  
 Recomplete/DHC (For hydraulic fracturing operations review EPA Underground injection control Guidance #84)  
 **Other: Casing repair**

Conditions of Approval:

**Notify NMOCD 24hrs prior to beginning operations, casing & cement**

**Notify OCD of any cement work needed and receive approval prior to proceeding.**

\_\_\_\_\_  
NMOCD Approved by Signature

11-6-14  
Date

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**RECEIVED**

FORM APPROVED  
OMB NO. 1004-0135  
Expires: July 31, 2010

**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.*

OCT 09 2014

15. Lease/Serial No.  
NMSF077967

16. If Indian, Allottee or Tribe Name  
EASTERN NAVAJO

17. Unit or CA/Agreement, Name and/or No.  
#892000844F

**SUBMIT IN TRIPLICATE - Other instructions on reverse side**

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		8. Well Name and No. GALLEGOS CANYON UNIT 157E
2. Name of Operator BP AMERICA PRODUCTION CO Contact: TOYA COLVIN E-Mail: Toya.Colvin@bp.com		9. API Well No. 30-045-26398-00-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 BASIN MANCOS
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 35 T28N R13W SWNW 1850FNL 0810FWL 36.620926 N Lat, 108.194229 W Lon		11. County or Parish, and State SAN JUAN COUNTY, NM

OIL CONS. DIV DIST. 3  
OCT 29 2014

12. CHECK 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"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input checked="" type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input 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 shall 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 shall be filed once testing has been completed. Final Abandonment Notices shall 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 America Production Company would like to repair the casing on the subject well. Please see attached wellbore diagram and procedure outlining our operations.

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

**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**

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

**Electronic Submission #269582 verified by the BLM Well Information System  
For BP AMERICA PRODUCTION CO, sent to the Farmington  
Committed to AFMSS for processing by TROY SALYERS on 10/27/2014 (15TS0005SE)**

Name (Printed/Typed) TOYA COLVIN	Title REGULATORY ANALYST
Signature (Electronic Submission)	Date 10/09/2014

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

Approved By TROY SALYERS	Title PETROLEUM ENGINEER	Date 10/27/2014
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.

**\*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\***

**NMOCD**



# GCU 157E

30-045-26398

Unit letter E Sec 35, Town 28N, Range 13W  
San Juan, NM  
Basin Mancos Formation

The purpose of this procedure is to outline the repair on the GCU 157E well:

## **Basic Job Procedure:**

- *Pull rods and pump*
- *Pull tubing*
- *Set CIBP  $\pm$  50' above Gallup perforations and hunt for hole in casing*
- *Squeeze casing leak with cement*
- *MIT casing*
- *Drill out CIBP*
- *Land tubing at  $\pm$  5769'*
- *Run pump and rods*
- *Return well back to production*

**GCU 157E**

Reservoir / Permanent

TOC @ (circulated to surface)

Surface Casing Data

12-3/4" hole  
9-5/8" J-55 @ 325'

Manassas Perforations

5632 - 5656

Dakota Perforations

6212-6227  
6272-6314'  
Frac'd w/ 80,000 gals 700 foam,  
135,000# 20/40 sand.

Production Casing Data

8-3/4" hole  
7" 23# J-55 @ 6140'

PBD 6040'  
TD 6462'

Equipment / Temporary

- R1). Polished Rod
- R2). Rods .75"
- R3). Sinker bars 1.5'
- R4). Rod Pump

- T1). TUBING
- T2). FNIPPLE
- T3). MULE SHOE

DV Tool @ 3216'

3,439

Casing squeeze @ 3723'  
w/ 55 sx (2013)  
Tested to 2000 psi OK

Profile Nipple @ 5753'

End of Tubing @ 5769'

FB to 6030'

Cement Plug 40 sx  
6040 - 6190

CIBP @ 6190'

OIL CONS. DIV DIST. 3

OCT 29 2014

## **BLM CONDITIONS OF APPROVAL**

### ***CASING REPAIR, WORKOVER AND RECOMPLETION OPERATIONS:***

1. If casing repair operations are needed, obtain prior approval from this office before commencing repairs. If a CBL or other logs are run, provide this office with a copy.
2. After any casing repair operations, test cement squeeze to a minimum of 500# for 30 minutes with no more than 10 % pressure fall off in the 30 minute test period. Provide test chart with your subsequent report of operations
3. A properly functioning BOP and related equipment must be installed prior to commencing workover, casing repair, and/or recompletion operations.
4. Contact this office at (505) 564-7750 prior to conducting any cementing operations: Please contact Troy Salyers @ (505) 608-1989 if casing leaks are identified and a plan of repair is established.

### ***SPECIAL STIPULATIONS:***

1. **Pits will be fenced during work-over operation.**
2. **All disturbance will be kept on existing pad.**
3. **All pits will be pulled and closed immediately upon completion of the recompletion and work-over activities.**
4. **Pits will be lined with an impervious material at least 12 mils thick.**