

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
OMB NO. 1004-0135  
Expires: November 30, 2000**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.  
1149IND84796. If Indian, Allottee or Tribe Name  
EASTERN NAVAJO7. If Unit or CA/Agreement, Name and/or No.  
NMNM78391C8. Well Name and No.  
GCU 1469. API Well No.  
30-045-06823-00-S110. Field and Pool, or Exploratory  
UNNAMED11. County or Parish, and State  
SAN JUAN COUNTY, NM**SUBMIT IN TRIPLICATE - Other instructions on reverse side.**

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

BP AMERICA PRODUCTION CO

Contact: CHERRY HLAVA

E-Mail: hlavacl@bp.com

3a. Address

P. O. BOX 3092  
HOUSTON, TX 77253

3b. Phone No. (include area code)

Ph: 281.366.4081

Fx: 281.366.0700

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

Sec 6 T27N R12W NESE 1615FSL 0925FEL  
36.60133 N Lat, 108.14653 W Lon

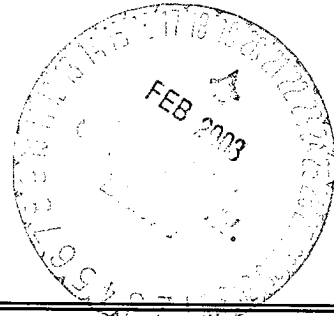
## 12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

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 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 checked="" 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 shall 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 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 respectfully requests permission to plug back from the Dakota and recompleat to the Fruitland Coal per the attached procedure.

For technical questions please call John Papageorge @281-366-5721



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

Electronic Submission #17811 verified by the BLM Well Information System  
For BP AMERICA PRODUCTION CO, sent to the Farmington  
Committed to AFMSS for processing by Steve Mason on 02/13/2003 (03SXM0306SE)

Name (Printed/Typed) CHERRY HLAVA

Title AUTHORIZED REPRESENTATIVE

Signature (Electronic Submission)

Date 01/20/2003

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

Approved By STEPHEN MASON

Title PETROLEUM ENGINEER

Date 02/18/2003

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.

**\*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\*****NMOCD**

## GCU Well Work Procedure

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**Well Name:** GCU 146  
**Date:** 12/19/02  
**Project Number** X5-xxxxx

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**Objective:**  
Plug back from Dakota and recompleate to Fruitland Coal.

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**Pertinent Information:**

**Location:** 1615' FSL & 925' FEL  
Sec. 6, T27N, 12W  
**County** San Juan  
**State:** New Mexico  
**Meter No.** 73759  
**Well FLAC** 92408601

**Horizon:** Dkt to Fruitland Coal  
**API #:** 30-045-06823  
**Engr:** John Papageorge  
**Phone:** W (281) 366-5721  
H (713) 464-5053

Note: Charge invoices associated with steps #1 through #6 to DRA WBS element of project.

1. Check anchors. MIRUSU.
2. Blow down wellhead, kill if necessary. ND tree, NU and pressure test BOP.
3. TOH with 2-3/8" tubing.
4. PXA Dakota. RIH with CIBP on tubing and set at approximately 5700'. Load well with KCl water. Pressure test casing to 300 psi.
6. Spot 150' cement plug on top of CIBP. Spot 150' balanced cement plugs in casing across Gallup from ~~5825~~ to ~~4975~~' and Mesa Verde from ~~2075~~ to ~~2225~~'.  
4748 4498 2031 2181
7. Run GR/CCL. Correlate to Schlumberger Induction log dated 10/18/63.
8. Perforate the **Fruitland Coal** interval using 3-1/8" HSC, 120 degree phasing as follows:  
**1190-1194', 1226-1228', 1244-1257'** (4 spf).
9. RU frac equipment and install WH isolation tool. Fracture stimulate down casing according to schedule 'A'.
10. Immediately flow back frac load on 1/4" choke for 8 hours then open to 1/2" choke until well loads up or until a sufficient test is achieved.
11. Clean out to PBTD.
12. TIH with 2 3/8" tubing. Land one joint below FC at approximately 1275'. ND BOP. NU tree.
13. Run pump and rods. RD MO SU.
14. Hook up to wellhead compressor and pumping unit. Pump back load water and test.

GCU 163E recompletion procedure

**GCU #146**

Wellbore Diagram

1/15/03

1615' FSL X 925' FEL  
Sec. 6, T27N, R12W  
San Juan Co., NM

**Current Configuration****Proposed**