

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.  
NMSF078903

6. If Indian, Allottee or Tribe Name

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

**SUBMIT IN TRIPLICATE - Other instructions on page 2**

1. Type of Well  
 Oil Well  Gas Well  Other

8. Well Name and No.  
GALLEGOS CANYON UNIT 245E

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

9. API Well No.  
30-045-26290-00-S1

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  
BASIN FRUITLAND COAL

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
Sec 36 T28N R12W SWNE 1660FNL 1680FEL  
36.621380 N Lat, 108.059220 W Lon

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 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 checked="" 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          |
| <i>bl</i>   | <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.

The subject well was plugged and abandoned on 10/4/18 per the attached Final P&A report and Plugged Well Diagram.

**NMOCD**  
**NOV 15 2018**  
**DISTRICT III**

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

**Electronic Submission #443766 verified by the BLM Well Information System  
For BP AMERICA PRODUCTION CO, sent to the Farmington  
Committed to AFMSS for processing by JACK SAVAGE on 11/13/2018 (18AE0014SE)**

|                                     |                          |
|-------------------------------------|--------------------------|
| Name (Printed/Typed) PATTI CAMPBELL | Title REGULATORY ANALYST |
| Signature (Electronic Submission)   | Date 11/12/2018          |

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

Approved By ACCEPTED JACK SAVAGE  
Title PETROLEUM ENGINEER Date 11/13/2018

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 \*\***

**NMOCD**



B P American  
 Production Company  
 P.O. Box 1089  
 Eunice, NM 88231

P.O. Box 1979, Farmington, NM 87499  
 (505) 325-2627

Name: GCU 245E  
 API:30-045-26290, 10/10/2018

**Well Plugging Report**

**Cement Summary**

- BLM / NMOCD - Notified BLM and NMOCD on 9/26/18 at 8:00AM
- PLUG #1** - Mix and Pump 60sxs (1.15 yield, 15.8 ppg, 69 cuft) Class G cement from 5,454' - 5,142' TOC.
- Plug #2** - (Added Plug) Mix and Pump 58sxs (1.15 yield, 15.8 ppg, 66.7 cuft) Class G cement with 2% Calcium Chloride from 4,581' - 4,280' TOC.
- Plug #3** - (Added Plug depth change) Mix and Pump 45sxs (1.15 yield, 15.8 ppg, 51.75 cuft) Class G cement from 3,409' - 3,175' TOC.
- Plug #4** - Mix and Pump 35sxs (1.15 yield, 15.8 ppg, 40.25 cuft) Class G cement with 2% Calcium Chloride from 2,536' - 2,354' TOC.
- Plug #5** - (NMOCD added plug) Mix and Pump 60sxs (1.15 yield, 15.8 ppg, 69 cuft) Class G cement with 2% Calcium Chloride from 1,869' - 1,558' TOC.
- Plug #6** - (BLM COA) Mix and Pump 53sxs (1.15 yield, 15.8 ppg, 60.95 cuft) Class G cement from 1,676' - 1,402' TOC.
- Plug #7** - (COA depth change) Mixed and Pump 168sxs (1.15 yield, 15.8 ppg, 193.2 cuft) Class G cement from 701' - Surface.

**Work Detail**

| PUX        | Activity   |
|------------|--|
| 09/27/2018 |  |
| P          | JSA. S & S equipment.  |
| P          | CHECK PSI: TBG-#0, CSG-30#, BH-0#. Open well to pit.   |
| P          | X-over to rod equipment. LD '6, 8' pony rods, 66 3/4 guided rods. 4 7/8 guided rods. 1 rod pump. X-over to TBG equipment. ND WH, NU BOP. RU rig floor and TBG equipment. LD 58 JTS of 2-3/8 TBG & 1 Mudd anchor.                               |
| P          | RU 2.5 swivel and drilling equipment. Wait on TBG float. Strap and PU 6, 3-1/8 collars. PUP TIH tag CIBP @ 1900'. Attempt to establish circulation. Pump 150bbbls of fresh water. No circulation. Wait on air foam unit for the AM. SIW, SDFD. |
| 09/28/2018 |  |
| P          | JSA. S & S equipment.  |
| P          | CHECK PSI: TBG-VAC, CSG-VAC, BH-0#. Open well to pit.  |
| P          | RU 2.5 swivel, Air Foam Unit and flow back tank.   |
| P          | Begin cleaning out fill and drilling out 7" CIBP. Did not finish drilling out. RD swivel . PUH. SIW, SDFD.   |
| 10/01/2018 |  |
| P          | Conduct JSA. S & S Equipment.  |
| P          | Check Well Pressures; 2-3/8" TBG - 0 PSI, 7" CSG - 0 PSI, 9-5/8" Surface CSG - 0 PSI. TIH with 2-3/8" and tag top CIBP at 1,900' KB. PU Swivel and establish circulation with Air Foam Unit. D/O CIBP.   |
| P          | Hang back Swivel. Tally, PU 2-3/8" TBG and chase to 5,455'.  |

P Lay down 1 Joint, TOO H with 80 Stands 2-3/8" TBG, and 3 Stands of Drill Collars.  
 P TIH with 173 JNTS 2-3/8" TBG 5,454' KB.  
 P RU Pump onto TBG. Pump and established circulation out CSG with 90 BBLs,  
 circulate clean with additional 60 BBLs.  
 P Pumped **Plug #1**.  
 P Lay down TBG to 5,109', TOO H with 20 Stand for WOC.  
 P Secure Location and SDFD.

10/02/2018

P Conduct JSA. Check Well Pressures; 2-3/8" TBG - 0 PSI, 7" CSG - 0 PSI, 9-5/8"  
 Surface CSG - 0 PSI. TIH with 2-3/8" TBG and tag TOC at 5,202'.  
 P Lay down TBG to 4,572', TOO H with 72 Stands and a Single.  
 P RU A-Plus Wireline, Run CBL from 5,202' - 1760' (bottom of open FC  
 Perforations). Showed good CMT behind 7" CSG.  
 X TIH with 4' Plugging Sub, 145 JNTS 2-3/8" TBG to 4,583'. Pre-mix 2% Calcium  
 Chloride in mix water. RU Pump onto TBG, pump and attempt to establish  
 circulation with 70 BBLs.  
 X Pumped **Plug #2**.  
 X Lay down TBG to 4,258', TOO H with 20 Stands for WOC.  
 X TIH with 2-3/8" TBG and tag TOC at 4,347'. Lay down TBG to 3,409', Ru Pump  
 onto TBG, and attempt to establish circulation with 60 BBLs.  
 X Pumped **Plug #3**.  
 X Lay down TBG to 3,153', TOO H with 23 Stands for WOC. EOT above FC  
 Perforations.  
 P Secure Location and SDFD.

10/03/2018

P Conduct JSA. Check well pressures; 2-3/8" TBG - 0 PSI, 7" CSG - 0 PSI, 9-5/8"  
 Surface CSG - 0 PSI. TIH and tag TOC at 3,185'. Lay down TBG to 2,526' and Sub  
 up to 2,536'. RU Pump onto TBG, and attempt to establish circulation with 60  
 BBLs. Pre-mix 2% Calcium Chloride in mix water.  
 P Pumped **Plug #4**. Lay down TBG to 2,337' and TOO H with 10 Stands (above FC  
 perforations) for WOC.  
 P TIH with 2-3/8" TBG and tag TOC at 2,383'. Lay down TBG to 1,869'. RU Pump  
 onto TBG, attempt to establish circulation with 60 BBLs. Pre-Mix 2% Calcium  
 Chloride in mix water.  
 X Pumped **Plug #5**. Lay down TBG to 1,549' and TOO H for WOC.  
 X TIH with 2-3/8" TBG and tag TOC at 1,676'. Load CSG and established good test  
 at 800 - PSI.  
 P TOO H with 26 Stands and a Single with 4' Plugging Sub.  
 P RU A-Plus Wireline, Run CBL from 1,676' - Surface.  
 P WOO. BLM requesting to Perf at 1,552'.  
 X RU A-Plus Wireline, RIH and Perforate 3 3-1/8" holes at 1,552'.  
 X Load 7" CSG with 4 BBLs, attempt and unable to establish rate into holes.  
 Pressured to 1000 PSI and held.  
 X TIH with 2-3/8" to 1,676'. RU Pump onto TBG established Circulation.  
 X Pumped **Plug #6**. Lay down TBG to 1,360' and TOO H 10 Stands for WOC. Secure  
 location and SDFD.

10/04/2018

P Conduct JSA. Check well pressures; TBG, CSG, & BH - 0 PSI.  
 X TIH with 2-3/8" TBG and tag TOC at 1,397' TOC. Lay down TBG to 701', TOO H.  
 X WOO from BLM, no additional perms required. TIH with 2-3/8" TBG to 701'.  
 P Pumped **Plug #7**. Good cement returns. (LD all tbg and topped off).  
 P Rig down Work-floor and Nipple Down BOP. Dig out WH to cut off point. Use A-  
 plus Air Saw and cut of WH 4' below ground level. TOC inside 7" CSG at surface,

TOC between 7" and 9-5/8" was 4' down. Weld on DHM, Mix and Pump 13sxs cement around DHM. (36 degrees 37' 17" N, 108 degrees 3' 35" W).

P RD Daylight Pulling Unit and Cement Equipment. Clean and move off Location.

\* P - Procedure Planned; U - Unplanned A+ issue; X - COA, Well Conditions

**On Site Reps:**

| <b>Name</b> | <b>Association</b> | <b>Notes</b> |
|-------------|--------------------|--------------|
| KC Arnett   | BLM                | On Location  |

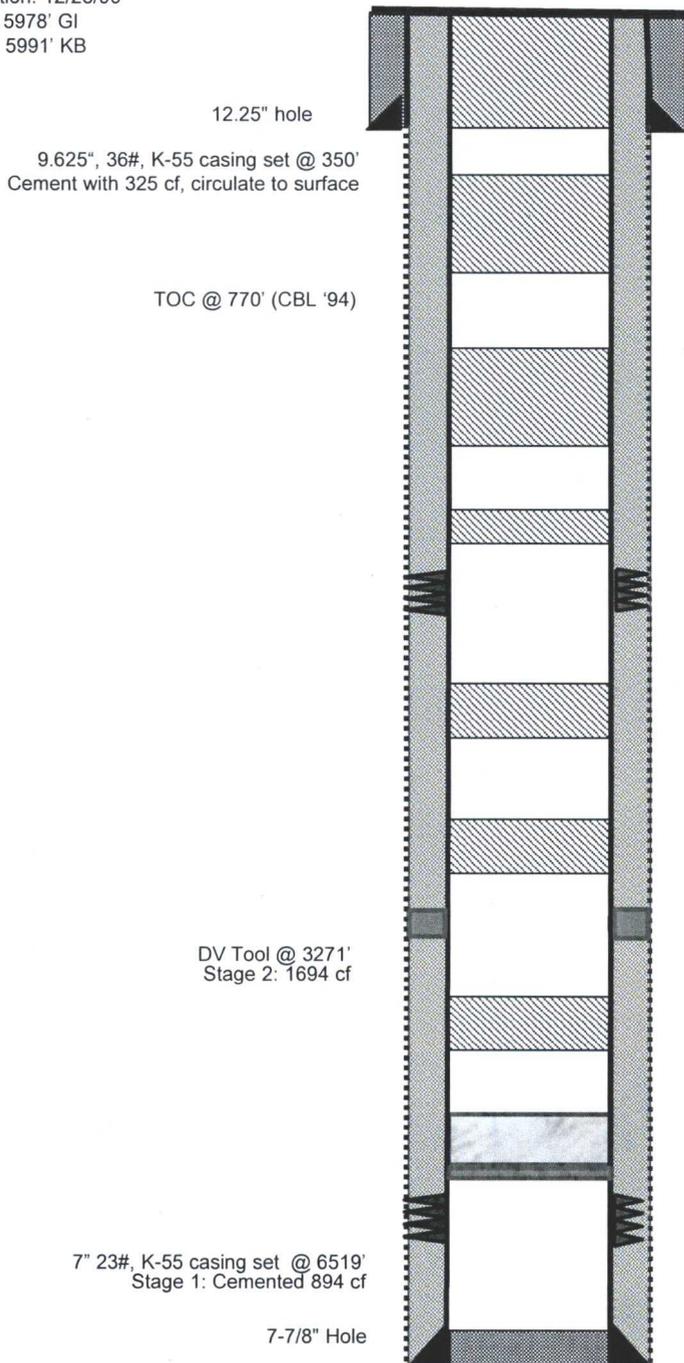
# GCU #245E Plugged WBD

Basin Dakota / Basin Fruitland Coal

1660' FNL, 1680' FEL, Section 36, T-28-N, R-12-W, San Juan County, NM

Spud: 4/23/85  
 Completion: 5/10/85  
 Re-Completion: 12/28/99  
 Elevation: 5978' GI  
 5991' KB

Lat: 36°37'17" N / Lat: -108°3'35" W, API #30-045-26290



**Plug #7:** Mix & pump 168sxs Class G cmt from 701' - Surface

**Plug #6:** Mix & pump 53sxs Class G cmt from 1676' - 1402'  
 Perf 3 holes @ 1552'

**Plug #5:** Mix & pump 60sxs Class G cmt from 1869' - 1558'

**Plug #4:** Mix & pump 35sxs Class G cmt from 2536' - 2354'

Fruitland Coal perforations:  
 1750' - 1769'

**Plug #3:** Mix & pump 45sxs Class G cmt from 3409' - 3175'

**Plug #2:** Mix & pump 58sxs Class G cmt from 4581' - 4280'

**Plug #1:** Mix & pump 60sxs Class G cmt from 5454' - 5142'

Set CIBP @ 6264' ('99) and spot 150' cement to 6114'

Dakota Perforations:  
 6314' - 6434'

7" 23# K-55 casing set @ 6519'  
 Stage 1: Cemented 894 cf

7-7/8" Hole

TD 6519'  
 PBTD 6472'