

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0137  
Expires: November 30, 2000

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

5. Lease Serial No.  
NMSF078106

1a. Type of Well ☐ Oil Well ☒ Gas Well ☐ Dry ☐ Other  
b. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.  
Other \_\_\_\_\_

6. If Indian, Allottee or Tribe Name  
7. Unit or CA Agreement Name and No.

2. Name of Operator  
BP AMERICA PRODUCTION CO

Contact: CHERRY HLAVA  
E-Mail: hlavacl@bp.com

8. Lease Name and Well No.  
GCU 582

3. Address P. O. BOX 3092  
HOUSTON, TX 77253

3a. Phone No. (include area code)  
Ph: 281.366.4081

9. API Well No.  
30-045-31017-00-S1

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*

At surface NWNW 980FNL 985FWL

At top prod interval reported below

At total depth

10. Field and Pool, or Exploratory  
WEST KUTZ

11. Sec., T., R., M., or Block and Survey  
or Area Sec 19 T28N R12W Mer NMP

12. County or Parish  
SAN JUAN

13. State  
NM

14. Date Spudded  
08/15/2002

15. Date T.D. Reached  
08/17/2002

6. Date Completed  
☐ D & A ☒ Ready to Prod.  
09/10/2002

17. Elevations (DF, KB, RT, GL)\*  
5693 GL

18. Total Depth: MD  
TVD 1690

19. Plug Back T.D.: MD  
TVD 1636

20. Depth Bridge Plug Set: MD  
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)  
GR OTH

22. Was well cored? ☒ No ☐ Yes (Submit analysis)  
Was DST run? ☒ No ☐ Yes (Submit analysis)  
Directional Survey? ☒ No ☐ Yes (Submit analysis)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
8.750	7.000	23.0		131		100			
6.250	4.500	10.0		6250	1684	132			

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2.375	1458							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) PICTURED CLIFFS	1416	1430	1416 TO 1430	3.130	56	
B)						
C)						
D)						

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material
1416 TO 1430	FRAC WITH CF/FOAM 22 BPM DOWNHOLE. DIVERTA FRAC TO

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
09/10/2002	09/10/2002	12	→	1.0	100.0	1.0			ELECTRIC PUMP SUB-SURFACE
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status	
3/4	SI	80.0	→					PGW	

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status	
	SI		→						

**ACCEPTED FOR RECORD**

SEP 16 2002

FARMINGTON FIELD OFFICE

BY

(See Instructions and spaces for additional data on reverse side)

ELECTRONIC SUBMISSION #14225 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

\*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\*

**NMOCD**

## 28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	

## 28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	

## 29. Disposition of Gas(Sold, used for fuel, vented, etc.)

SOLD

## 30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

## 31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
NACIMIENTO OJO ALAMO	0 44	44 204		OJO ALAMO KIRTLAND FRUITLAND COAL	226 604 1486

## 32. Additional remarks (include plugging procedure):

On 3/5/2002 BP America Production Company requested permission to drill the subject well. Approval was granted 5/17/2002.

Please see the attached subsequent completion report.

## 33. Circle enclosed attachments:

- |   |                    |               |                       |
|---|--------------------|---------------|-----------------------|
| 1. Electrical/Mechanical Logs (1 full set req'd.)     | 2. Geologic Report | 3. DST Report | 4. Directional Survey |
| 5. Sundry Notice for plugging and cement verification | 6. Core Analysis   | 7 Other:      |                       |

## 34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions):

**Electronic Submission #14225 Verified by the BLM Well Information System.  
For BP AMERICA PRODUCTION CO, sent to the Farmington  
Committed to AFMSS for processing by Adrienne Garcia on 09/16/2002 (02AXG0660SE)**

Name (please print) CHERRY HLAVA Title AUTHORIZED REPRESENTATIVE

Signature \_\_\_\_\_ (Electronic Submission) Date 09/16/2002

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 \*\***

## COMPLETION SUBSEQUENT REPORT

Gallegos Canyon Unit 582

9/12/2002

**8/30/2002** RU SU & Run GR/CCL log. TIH w/3.125" gun & perf Pictured Cliffs formation from 1416' - 1430' w/4 JSPF total of 56 shots. RU & frac formation with CF/Foam BPM DN hole. Divert frac to precede w/9000 gal WF 110 & 2000 lbs 40/70. Clear frac stage=5200 gal CF/Foam with 19,500 lbs 16/30, propnet treat last 5000 lbs of 16/30. RD frac.

**9/4/2002** Hook up flow line to pit. ND Frac head. NUBOP & flow line. TIH w/ 3 7/8" bit & tbg. R 46 jts 2 3/8" Tbg. Tag snd @ 1520'. C/O w/air unit. Pull above perfs and SDFN.

**9/5/2002** Ck pressures. TIH & tag fill @ 1528' c/O W/ air mist C/O @1636' BPTD. TOH w/3 7/8" bit & tbg. TIH w/saw tooth collar & tbg. C/O to PBTD @ 1636. Flow well; making light snd. TOH. SDFN.

**9/6/2002** TIH & tag fill. C/O w/air & mist to BPTD @1636'. Recovered Est. 70 bbls water & sand. Showing some gas. TOH to above perfs. SDFN.

**9/9/2002** CSG 80 PSI. BH 0 psi. TIH. Tag fill @1621'. C/O to 1636'. Recovered 3-4 bbls wtr. Well flwng & showing some gas. Too little to measure. TOH w/tbg. TIH w/ prod. string land tbg @1458'. W/mule jt S/N. & 44 jts 2 3/8" tbg. NDBOP. RD floor. NU WH. Prep to run rods, PU new lubrer pmp & 57 3/4" rods. Load tbg w KCL. Press tst 5600 psi. OK. 0# tbg. 80# csg S.I. RDMO location.

Well is currently waiting on equipment.