

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.
NMSF078370

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 581

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

3a. Phone No. (include area code)
Ph: 281.366.4084

9. API Well No.
30-045-31026-00-S1

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

At surface Sec 17 T29N R12W Mer NMP
NENE Lot A 1045FNL 950FEL

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 17 T29N R12W Mer NMP

12. County or Parish
SAN JUAN

13. State
NM

14. Date Spudded
08/13/2002

15. Date T.D. Reached
08/14/2002

16. Date Completed
☐ D & A ☒ Ready to Prod.
09/25/2002

17. Elevations (DF, KB, RT, GL)*
5767 GL

18. Total Depth: MD
TVD 1963

19. Plug Back T.D.: MD
TVD 1927

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 Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
8.750	7.000	23.0		144	122	100	200		
6.250	4.250	11.0		1963		150			

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	1793							

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) PICTURED CLIFFS	1746	1768	1746 TO 1768	3.130	88	
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
1746 TO 1768	FRAC W/N2 FOAM/ENERGIZED DOWN 1 1/2" CSG. 43,191#

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
09/25/2002	09/20/2002	24	→	1.0	200.0	1.0			ELECTRIC PUMPING UNIT
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
3/4	SI	110.0	→					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

OCT 02 2002

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

ELECTRONIC SUBMISSION #14604 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

** REVISED ** 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	0 330	330 491	Kirtland - 465 FRUITLAND - 1180 PC - 1740	PICTURED CLIFFS FRUITLAND COAL KIRTLAND	4016 4055 5289

32. Additional remarks (include plugging procedure):

Please see attached completion subsequent 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 #14604 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 10/02/2002 (03AXG0023SE)**

Name (please print) CHERRY HLAVA

Title AUTHORIZED REPRESENTATIVE

Signature (Electronic Submission)

Date 09/27/2002

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 581
9/27/2002

8/15/02 4 $\frac{1}{2}$ " casing; cement @110'. Temp. survey was run.

9/19/02 RU & run GR & CCL log 924' to 1924'. TIH w/3.125" gun & Perf
Pictured Cliffs 1746' - 1768' w/4 JSPF total of 88 shots.

9/20/02 RU & frac PC w/N2 foam/energized down 1 $\frac{1}{2}$ " csg. 1st stage PC frac 30
BPM downhole. 43,191# 16/30 Brady sand w/propnet. Run clear frac foam 7/1000
during job.

9/21/02 RU CT unit. TIH. C/O to PBTD @1927'. SI csg 175 psi. Flw to pit on $\frac{1}{4}$ "
ck. SI

9/22/02 RU CT unit. RIH without air & tag @1930'. C/O to PBTD. Flw to pit on
 $\frac{1}{4}$ " ck.

9/23/02 Rig up & spot equip. Hook up flw lines to pit. CSG press 30 psi. BH 0 psi.
ND frac valve. NUBOP. Rig up floor. PU 3 7/8" bit & 60 jts tag @1884'. TOH
above perfs. SDFN.

9/24/02 Check pressures; all 0 psi. TIH w/ 2 3/8" tbg. tag fill @1844'. Pick up
owr swivel C/O & drill cmt. W/air mist. Making light sand 5-6 bbls per hr. well
flwng on $\frac{3}{4}$ " ck. W/32 psi. w/press dropping ea hr. TOH w/8 jts above perfs.

9/25/02 TIH w/tbg. tag fill @1725. Unload well w/air. C/O @1927 PBTD. TOH
w/bit & tbg. TIH & land tbg @1793'. NDBOP. NUWH. PU & run rods. Test 500 psi.
ok. RD SU & Equip.