

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

CONTACT RECEIVING  
OFFICE FOR NUMBER  
OF COPIES REQUIRED

PMH Roswell District  
Modified Form No.  
BMD60-3160-3

(See other In-  
structions on  
reverse side)

WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

1. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other ☐

2. TYPE OF COMPLETION:

NEW WELL ☐ WORK OVER ☐ DEEP EN ☐ PLUG BACK ☐ DEEP CONDUIT ☐ Other ☐

3. NAME OF OPERATOR

BHP Petroleum (Americas) Inc.

3a. Acre Code & Phone No.  
713/780-5000

4. ADDRESS OF OPERATOR

5847 San Felipe Suite 3600 Houston, Texas 77057

5. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*

At surface 1760' FSL and 1170' FWL

At top prod. interval reported below

At total depth

6. LEASE DESIGNATION AND SERIAL NO.

SF 080647

7. IF INDIAN, ALLOTTEE OR TRIBE NAME

8. UNIT AGREEMENT NAME

Gallegos Canyon Unit

9. FARM OR LEASE NAME

10. WELL NO.

533

11. FIELD AND POOL, OR WILDCAT

West Kutz Pictured Cliffs

12. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA

Sec. 22, T29N, R12W

13. API Well No.

14. PERMIT NO.

DATE ISSUED

9/5/92

15. COUNTY OR PARISH

San Juan

16. STATE

New Mexico

17. DATE SPIDED

10/6/92

18. DATE T.D. REACHED

10/9/92

19. DATE COMPL. (Ready to prod.)

11/20/92

20. ELEVATIONS (OF RKB, RT, GR, ETC.)\*

GR, 5554', RKB 5569'

21. ELEV. CASINGHEAD

22. TOTAL DEPTH, MD & TYD

1700'

23. PLUG BACK T.D., MD & TYD

1610'

24. INTERVALS DRILLED BY

ROTARY TOOLS

O-TD

CABLE TOOLS

25. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TYD)\*

1537'-1564' Pictured Cliffs

26. WAS DIRECTIONAL SURVEY MADE

Yes

27. TYPE ELECTRIC AND OTHER LOGS RUN

FDC, CNL, DIL & Coal log

28. WAS WELL CORRED

No

29. CASING RECORD (Report all strings set in well)

| CASING SIZE | WEIGHT, LB./FT. | DEPTH SET (MD) | HOLE SIZE | CEMENTING RECORD                                                                                 | AMOUNT PULLED |
|-------------|-----------------|----------------|-----------|--------------------------------------------------------------------------------------------------|---------------|
| 7"          | 20#             | 402'           | 8 3/4"    | 250 sx CL"B" w/3% CaCl &<br>1 sx cello seal                                                      |               |
| 4 1/2"      | 10.5            | 1695'          | 6 1/2"    | 200 sx 50/50 poz, w 2% gel, 10% salt,<br>1 #SK, cello seal & tailed w 20 sx CL"B" low fluid loss |               |

30. LINER RECORD

| SIZE | TOP (MD) | BOTTOM (MD) | SACKS CEMENT* | SCREEN (MD) | SIZE   | DEPTH SET (MD) | PACKER SET (MD) |
|------|----------|-------------|---------------|-------------|--------|----------------|-----------------|
|      |          |             |               |             | 2 3/8" | 1577'          | No packer       |

31. PERFORATION RECORD (Interval, size and number)

1537'-1564' w/a 3 1/8" csg gun loaded 4 JSPF  
w/ 90° phasing shooting a .38 hole

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

| DEPTH INTERVAL (MD) | AMOUNT AND KIND OF MATERIAL USED                                               |
|---------------------|--------------------------------------------------------------------------------|
| 1537-1564'          | 20# linear gel, 75% quality N/2<br>foam system, & 90149 of 12/20<br>Brady sand |

33. PRODUCTION

| DATE FIRST PRODUCTION |                 | PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) |                         |          |            | WELL STATUS (Producing, Shut-in) |               |
|-----------------------|-----------------|----------------------------------------------------------------------|-------------------------|----------|------------|----------------------------------|---------------|
|                       |                 | Flowing                                                              |                         |          |            | Shut-in                          |               |
| DATE OF TEST          | HOURS TESTED    | CHOKE SIZE                                                           | PROD'N. FOR TEST PERIOD | OIL—BBL. | GAS—MCF.   | WATER—BBL.                       | GAS-OIL RATIO |
| 11/12/92              | 24              | 3/8"                                                                 | →                       | 0        | 986        | 2-load                           | 354           |
| FLOW. TUBING PRESS.   | CASING PRESSURE | CALCULATED 24-HOUR RATE                                              | OIL—BBL.                | GAS—MCF. | WATER—BBL. | OIL GRAVITY-API (CORR.)          |               |
| 290 psi               | 340 psi         | →                                                                    | 0                       | 986      | 2-load     |                                  |               |

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

TEST WITNESSED BY

Fred Lowery

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.

SIGNED

*Paul L. H. H.*

TITLE

Regulatory Affairs Rep.

DATE

11/30/92

\*(See Instructions and Spaces for Additional Data on Reverse Side)

37. SUMMARY OF POROUS ZONES: (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):

| FORMATION       | TOP   | BOTTOM | DESCRIPTION, CONTENTS, ETC. | GEOLOGIC MARKERS |             |                  |
|-----------------|-------|--------|-----------------------------|------------------|-------------|------------------|
|                 |       |        |                             | NAME             | MEAS. DEPTH | TRUE VERT. DEPTH |
| Fruitland Coal  | 1356' | 1534'  | Coal                        |                  |             |                  |
| Pictured Cliffs | 1537' | 1564'  | Sandstone                   |                  |             |                  |