Form 3160-4
(November 1983)
(formerly 9-330)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE* (See other instructions on reverse side)

RECEIVED BLM 91 APR 23 AM 10:13 070 FARMINGTON, N.M.

Form approved.
Budget Bureau No. 1004-0137
Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.: SF 047019(B)

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT AGREEMENT NAME: Gallegos Canyon Unit

8. FARM OR LEASE NAME: Gallegos Canyon Unit

9. WELL NO.: 517

10. FIELD AND POOL, OR WILDCAT: W. Kutz Pictured Cliffs

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA: Sec. 18, T28N-R11W

12. COUNTY OR PARISH: San Juan

13. STATE: New Mexico

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

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

b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other

2. NAME OF OPERATOR: BHP Petroleum (Americas), Inc.

3. ADDRESS OF OPERATOR: 5847 San Felipe, Suite 3600 Houston, TX 77057

4. LOCATION OF WELL (*Report location clearly and in accordance with any State requirements*)*
At surface (SE/NE) 1465' FNL & 795' FEL
At top prod. interval reported below
At total depth

14. PERMIT NO.: 30-045-28156 | DATE ISSUED: 8-20-90

15. DATE SPUDDED	16. DATE T.D. REACHED	17. DATE COMPL. (*Ready to prod.*)	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*	19. ELEV. CASINGHEAD
11-30-90	12-4-90	2-27-91	5591' GR 5601' KB	5591'

20. TOTAL DEPTH, MD & TVD	21. PLUG, BACK T.D., MD & TVD	22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY	ROTARY TOOLS	CABLE TOOLS
1692'	1666'	N/A	→	0-TD	-0-

RECEIVED MAY 17 1991 OIL CON. DIV. DIST. 3

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*: Pictured Cliffs 1548-1594'

25. WAS DIRECTIONAL SURVEY MADE: Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN: DIL/SP/GR/SDL/DSN

27. WAS WELL CORED: No

28. CASING RECORD (*Report all strings set in well*)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
7"	20#	143' KB	8-3/4"	125 sx Class "B" + Addit.	-0-
4-1/2"	10.5#	1685' KB	6-1/4"	570 sx 50/50 POZ + Addit.	-0-
				25 sx Class "B" + Addit.	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-3/8"	1603'	

31. PERFORATION RECORD (*Interval, size and number*)
1548-1594' @ 4 JSPF (184 holes @ .38" dia)

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
1548-1594'	Frac dn 4-1/2" csg w/ 1286 bbls 25# gel 70 Q foam and 88M# 12/20 Brady sand.

33.* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (*Flowing, gas lift, pumping—size and type of pump*)	WELL STATUS (*Producing or shut-in*)
WOPLC	Flowing	SI

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD →	OIL—BBL.	GAS—MCF	WATER—BBL.	GAS-OIL RATIO
3-9-91	19	3/8"		N/A	1200	52	N/A

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE →	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
340	435		N/A	1516	66	N/A

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

TEST WITNESSED BY: Ford Lowery

35. LIST OF ATTACHMENTS

ACCEPTED FOR RECORD
MAY 10 1991
FARMINGTON RESOURCE AREA
BY

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

SIGNED Beverly Comer Beverly Comer TITLE Production Technician DATE 4/19/91

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

NMOCD

Title 18 U.S.C. Section 1001, makes 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.

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.
Pictured Cliffs	1548'	1594'	No DST's or cores were taken

38. GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
Nacimiento Fm.	Surface	
Ojo Alamo Ss.	305'	
Kirtland Sh.	475'	
Fruitland Fm.	1268'	
Top Coal int.	1336'	
Base Coal int.	1546.25'	
Pictured Cliffs Ss.	1547'	
TD	1692'	