

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

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

5. LEASE DESIGNATION AND SERIAL NO.

SF 078109

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.

508

10. FIELD AND POOL, OR WILDCAT

W. Kutz Pictured Cliffs

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

Sec. 21, T29N-R12W

12. COUNTY OR PARISH

San Juan

13. STATE

New Mexico

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 77057-3005

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

At surface 970' FNL & 1115' FWL (NW NW)

At top prod. interval reported below

At total depth

14. PERMIT NO.

30-045-28266

DATE ISSUED

9/19/90

15. DATE SPUDDED

9/29/90

16. DATE T.D. REACHED

10/2/90

17. DATE COMPL. (Ready to prod.)

11/22/90

18. ELEVATIONS (DF. RKB, RT, GR, ETC.)*

5589' GR

19. ELEV. CASINGHEAD

5589'

20. TOTAL DEPTH, MD & TVD

1696' TD

21. PLUG, BACK T.D., MD & TVD

1638' PBT

22. MULTIPLE COMPL. (If any)

N/A

23. INTERVALS DRILLED BY

ROTARY TOOLS

0 - TD

CABLE TOOLS

-0-

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

W. Kutz Pictured Cliffs 1552-1600'

25. WAS DIRECTIONAL SURVEY MADE

Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN

Dual induction, Depth Correlation, compensated Neutron Density, Coal log No

27. WAS WELL CORED

28. CASING RECORD (Report all changes set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
7"	23#	133'	8-3/4"	160 sxs Class "B" + Addit.	-0-
4-1/2"	10.5#	1696' / 1651'	6-1/4"	200 sxs Class "B" 50/50 Poz	-0-
				50 sxs Class "B" + Addit.	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-3/8"	1561'	

30. TUBING RECORD

31. PERFORATION RECORD (Interval, size and number)

1553-1566' @ 4 JSPF (62 holes @ .35 dia.)

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
1553-1566'	Frac dn csg w/596 bbls 70 Q Nitrogen Foam & 36M# 20/40 sand.

33.* PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)					WELL STATUS (Producing or shut-in)	
11/22/90		Flowing					SI	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BSL.	GAS—MCF.	WATER—BSL.	GAS-OIL RATIO	
12/5/90	24	3/8"	→	N/A	416	42	N/A	
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BSL.	GAS—MCF.	WATER—BSL.	OIL GRAVITY-API (CORR.)		
100	183	→	N/A	416	42	N/A		

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

Venting

TEST WITNESSED BY
ACCEPTED FOR RECORD
Lower

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

Beverly Comer

TITLE Production Technician

BY

FARMINGTON RESOURCE AREA

FEB 20 1991

DATE 12/27/90

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

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):

38. GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
W. Pictured Cliffs	1552'	1626'	No DST's or cores were taken. Pumping water	Nacimientos Fm. Ojo Alamo Ss. Kirtland Sh. Fruitland Fm. Top Coal Int. Base Coal Int. Pictured Cliffs TD	Surface 170' 341' 1287' 1324' 1551' Ss. 1552' 1696'	

RECEIVED
MAR 4 1991
OIL CON. DIV.
DIST. 3