

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

(See other in-
structions on
reverse side)

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

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. ELEV. ☐ 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 825' FSL & 840' FWL (SW/SW)

At top prod. interval reported below

At total depth

14. PERMIT NO.

30-045-28548

DATE ISSUED

5/20/91

12. COUNTY OR PARISH

San Juan

13. STATE

New Mexico

15. DATE SPUNDED

5/26/91

16. DATE T.D. REACHED

5/29/91

17. DATE COMPL. (Ready to prod.)

6/29/91

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

5716' GR

19. ELEV. CASINGHEAD

5716' GR

20. TOTAL DEPTH, MD & TVD

1870'

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

1836'

22. IF MULTIPLE COMPL., HOW MANY*

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)*

Fruitland Coal 1440' - 1450' and 1606' - 1620'

25. WAS DIRECTIONAL SURVEY MADE

Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN

DIFL, DSN, SDL, GR/CCL Coal logs

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#	134' KB	8-3/4"	124 sx "B" + Additives	-0-
4-1/2"	10.5#	1865' KB	6-1/4"	650 sx 50/50 POZ + Addit. 40 sx "B" + Additives	-0-

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-3/8"	1637' KB	

31. PERFORATION RECORD (Interval, size and number)

1606' - 1620' @ 4 JSPF (40 holes @ .40 in diameter)

1440' - 1450' @ 4 JSPF (56 holes @ .40 in diameter)

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
1606' - 1620'	Frac dn csg w/ 740 bbls 20# gel, 70 Q foam, & 72M# 12/20 Brady sand. Job screened out. Refrac w/ 44M gals 70 Q foam, 18M# 40/70 + 55M# 12/20 Brady sand. Frac upper w/ 45M# 30#

33.* PRODUCTION X-link, 70 Q foam, 13M# 40/70 + 49M# 12/20

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

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
7/11/91	24	3/8"	→	N/A	200	8	N/A
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
60	105	→	N/A	200	8	N/A	

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

Vented

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 Cornew

TITLE

Production Technician DATE 8/12/91

*(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):

38. GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
Fruitland Coal	1440'	1450'	No cores or DST's were taken.	Nacimiento Fm	Surface	
	1606'	1620'		Ojo Alamo Ss	533'	
				Kirtland Sh	643'	
				Fruitland Fm	1420'	
				Top Coal	1440.75'	
				Base Coal	1619'	
				Pictured Cliffs Ss	1623'	
				TD	1870'	

RECEIVED
SEP 12 1991
OIL CON. DIV.
DIST. 3