

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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(See other in-
structions on
reverse side)

BLM Roswell District
Modified Form No.
NM060-3160-3

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL OIL WELL ☐ GAS WELL ☒ DRY ☐ Other ☐		3a. Area Code & Phone No. (713) 780-5446	
b. TYPE OF COMPLETION: NEW WELL ☐ WORK OVER ☐ DEEP EN ☐ PLUG BACK ☒ DIFF. CENVR ☒ 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 950' FSL & 890' FEL At top prod. interval reported below At total depth			
9a. API Well No. 30-045-23782		14. PERMIT NO. DATE ISSUED	
15. DATE SPUDDED 3/16/90		16. DATE T.D. REACHED NA	
17. DATE COMPL. (Ready to prod.) 4/5/90		18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* GR-5736', KB-5750'	
19. ELEV. CASINGHEAD 5750'		20. TOTAL DEPTH, MD & TVD 6210' KB	
21. PLUG, BACK T.D., MD & TVD 1820'		22. IF MULTIPLE COMPL. HOW MANY? NA	
23. INTERVALS DRILLED BY TD		24. PRODUCING INTERVAL(S) OF THIS COMPLETION: TOP, BOTTOM, NAME (MD AND TVD)* T-1404'; B-1590' Fruitland Coal	
25. ROTARY TOOLS 0		26. CABLE TOOLS 0	
27. WAR DIRECTIONAL SURVEY MADE No		28. TYPE ELECTRIC AND OTHER LOGS RUN None	
29. WAS WELL CORED No			
30. CASING RECORD (Report all strings set in well)			
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE
8 5/8	24#	304'	12 1/4
4 1/2	10.5#	6203'	7 7/8
31. CEMENTING RECORD			
240 sx 'B' + 2% CaCl ₂			
1/4#/sx Flocele			
See Back			
32. AMOUNT PULLED -0-			
33. LINER RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*
34. TUBING RECORD			
SIZE	DEPTH SET (MD)	PACKER SET (MD)	
2 3/8	1591	None	
35. PERFORATION RECORD (Interval, size and number)			
1578' to 1590' - 0.5" - 13 shots			
1404' to 1420' - 0.5" - 17 shots			
36. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
DEPTH INTERVAL (MD)			
1578'-1590'			
1404'-1420'			
AMOUNT AND KIND OF MATERIAL USED			
54,600 gals 70 Q N ₂ foam			
5K 40-70 sand/53K 20-40 sand			
49,280 gals 70 Q N ₂ foam			
5K 40-70 sand/35K 20-40 sand			
See back for cement plugs			
37. PRODUCTION			
DATE FIRST PRODUCTION W.O.P.L.			
PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing			
WELL STATUS (Producing or shut-in) Shut-in			
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD
4/5/90	24	3/8"	0
FLOW. TURNING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL. GAS—MCF. WATER—BBL. OIL GRAVITY-API (CORR.)
56	70	0	367 0 N/A
38. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vented			
39. TEST WITNESSED BY Fred Lowe			
40. LIST OF ATTACHMENTS None			
41. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records SIGNED Paul C. Bertoglio TITLE Sr. Petroleum Engr. FARMINGTON RESOURCE AREA Paul C. Bertoglio DATE 5/1/90			

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

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 or to knowingly omit any material information.

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem, test, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries):

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
			<u>4 1/2" Casing :</u> 1st Stage - 465 sx 'B' w/10% salt 2nd Stage - DV tool @ 4363' 610 sx 50-50 Pozmix w/2 % gel + 1/4#/sx Flocele 3rd Stage - DV tool @ 1829' 375 sx 65-35 Pozmix w/6% gel followed by 385 sx 50-50 Pozmix w/2% gel + 1/4#/sx Flocele <u>Plugs</u> 15 sx 'B' plug from 6119'-5930' 15 sx 'B' plug from 5200'-5025' 15 sx 'B' plug from 3175'-3000' Set CIBP @ 1820'	Log Tops Ojo Alamo Kirtland Fruitland Pictured Cliffs Lewis Cliff House Menefee Point Lookout Mancos Gallup Greenhorn Graneros Dakota Dakota Pay Driller TD Loggers TD	530' 649' 1303' 1591' 1677' 3113' 3253' 3982' 4296' 5140' 5937' 5993' 6046' 6097' 6210' 6157'	