

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATES

(See other instructions 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 <u>019 FEL</u>		1. NAME DESIGNATION AND SERIAL NO. SF-078995																			
1b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. CENVR. ☐ Other _____		2. IF INDIAN, ALLOTTEE OR TRIBE NAME San Juan 31-6 Unit																			
2. NAME OF OPERATOR Phillips Petroleum Company		3. FARM OR LEASE NAME																			
3. ADDRESS OF OPERATOR 5525 Hwy 64, NBU 3004, Farmington, NM 87401		9. WELL NO. 224																			
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface Unit A, 1092' FNL & 1162' FEL At top prod. interval reported below Same as above At total depth Same as above		10. FIELD AND POOL, OR WILDCAT Basin Fruitland Coal																			
14. PERMIT NO. 30-039-24988		11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 31, T31N, R6W																			
DATE ISSUED		12. COUNTY OR PARISH Rio Arriba																			
15. DATE SPUDDED 10-26-90		13. STATE NM																			
16. DATE T.D. REACHED 5-23-91		19. ELEV. CASINGHEAD																			
17. DATE COMPL. (Ready to prod.) Perf'd 6-7-91		18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 6218' GL																			
20. TOTAL DEPTH, MD & TVD 3045'		21. PLUG. BACK T.D., MD & TVD 3043'																			
22. IS MULTIPLE COMPLETION? ☐		23. INTERVALS DRILLED BY X																			
24. PRODUCING INTERVAL(S) OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 2862' - 3044' Fruitland		25. WAS DIRECTIONAL SURVEY MADE NO																			
26. TYPE ELECTRIC AND OTHER LOGS RUN GR/CCL		27. WAS WELL CORED NO																			
28. CASING RECORD (Report all strings set in well) OIL CON. DIV. DIST. 3																					
<table border="1"><thead><tr><th>CASING SIZE</th><th>WEIGHT, LB./FT.</th><th>DEPTH SET (MD)</th><th>HOLE SIZE</th><th>CEMENTING RECORD</th><th>AMOUNT PULLED</th></tr></thead><tbody><tr><td>9-5/8"</td><td>36#, K-55</td><td>288.54'</td><td>12-1/4"</td><td>250 Sx C1 B, Circ 90 Sx</td><td></td></tr><tr><td>7"</td><td>23#, J-55</td><td>2822.19'</td><td>8-3/4"</td><td>500 Sx 65/35 Poz, 150 Sx C1 B, Circ 146 Sx</td><td></td></tr></tbody></table>				CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED	9-5/8"	36#, K-55	288.54'	12-1/4"	250 Sx C1 B, Circ 90 Sx		7"	23#, J-55	2822.19'	8-3/4"	500 Sx 65/35 Poz, 150 Sx C1 B, Circ 146 Sx	
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31. PERFORATION RECORD (Interval, size and number) Perf'd w/4 spf (4" CG) 3006'-3044'; 2906'-2932'; 2882'-2906' Total 336 Shots																					
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. AMOUNT AND KIND OF MATERIAL USED JUL 02 1991																					
33. PRODUCTION RECORD (Flowing, gas lift, pumpjack—size and type of pumpjack) SI Flowing 3Y DATE FIRST PRODUCTION SI DATE OF TEST 6-5-91 HOURS TESTED 1 CHOKE SIZE 2" PROD'N. FOR TEST PERIOD OIL—BSL. GAS—MCF. WATER—BSL. GAS-OIL RATIO SI 1120 SI 1150 FLOW. TUBING PRESS. CASING PRESSURE CALCULATED 24-HOUR RATE SI 1120 SI 1150 OIL—BSL. GAS—MCF. WATER—BSL. OIL GRAVITY-API (CORR.) SI 1120 SI 1150 4249 100																					
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Waiting on Connection TEST WITNESSED BY Gene Jevne																					
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 <u>R. A. Allred</u> TITLE <u>Drilling Supervisor</u> DATE <u>6-11-91</u>																					

*(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
Ojo Alamo	2180'	2260'	Sandstone			
Kirtland	2260'	2765'	Sandstone & Shale			
Fruitland	2765'	2868'	Sandstone & Shale & Coal			
Fruitland Coal	2868'	3040'	Shale & Coal			
Pictured Cliffs	3055'		Sandstone			