

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other _____		5. LEASE DESIGNATION AND SERIAL NO. SF-078081																			
b. TYPE OF COMPLETION: NEW WELL ☐ WORK OVER ☐ DEEP EN ☐ PLUG BACK ☒ DIFF. RESVR. ☒ Other _____		6. IF INDIAN, ALLOTTEE OR TRIBE NAME																			
2. NAME OF OPERATOR El Paso Natural Gas Company		7. UNIT AGREEMENT NAME Huerfanito Unit																			
3. ADDRESS OF OPERATOR PO Box 4289, Farmington, NM 87499		8. FARM OR LEASE NAME Huerfanito Unit																			
4. LOCATION OF WELL (Report location clearly and in accordance with State requirements) At surface 990'N, 990'W At top prod. interval reported below At total depth		9. WELL NO. 32-33																			
14. PERMIT NO. 30-045-06181		10. FIELD AND POOL, OR WILDCAT Basin Fruitland Coal																			
DATE ISSUED SEP 04 1990		11. SEC. T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 33, T-27-N, R-9 -W NMPM																			
15. DATE SPUNDED 11-3-55		12. COUNTY OR PARISH San Juan																			
16. DATE T.D. REACHED 1-6-56		13. STATE NM																			
17. DATE COMPL. (Ready to prod.) 07-28-90		18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 6493'																			
19. ELEV. CASINGHEAD		20. TOTAL DEPTH, MD & TVD 2363'																			
21. PLUG. BACK T.D., MD & TVD 2296'		22. IF MULTIPLE COMPL., HOW MANY*																			
23. INTERVALS DRILLED BY		24. ROTARY TOOLS yes																			
25. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* Fruitland Coal 2109-2295'		26. WAS DIRECTIONAL SURVEY MADE no																			
27. TYPE ELECTRIC AND OTHER LOGS RUN CCL-GR		28. WAS WELL CORRED no																			
29. CASING RECORD (Report all strings set in well)																					
<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>8 5/8</td><td>24.0#</td><td>104'</td><td>12 1/4"</td><td>83 cu.ft.</td><td></td></tr><tr><td>5 1/2"</td><td>14# & 15.5#</td><td>2296'</td><td>7 7/8"</td><td>118 cu.ft.</td><td></td></tr></tbody></table>				CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED	8 5/8	24.0#	104'	12 1/4"	83 cu.ft.		5 1/2"	14# & 15.5#	2296'	7 7/8"	118 cu.ft.	
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32. PERFORATION RECORD (Interval, size and number) 2109-15', 2139-46', 2171-82', 2206-10', 2221-36', 2292-95' w/2 spf																					
33. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. <table border="1"><thead><tr><th>DEPTH INTERVAL (MD)</th><th>AMOUNT AND KIND OF MATERIAL USED</th></tr></thead><tbody><tr><td>2109-2295'</td><td>150 gal. 7.5% HCl; 12,340# 40/70 sand; 218,400# 20/4 sand; 70% N2 foam; 1,574,661 SCF N2</td></tr></tbody></table>				DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED	2109-2295'	150 gal. 7.5% HCl; 12,340# 40/70 sand; 218,400# 20/4 sand; 70% N2 foam; 1,574,661 SCF N2														
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34. PRODUCTION DATE FIRST PRODUCTION shut in, capable of commercial hydrocarbon production PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) WELL STATUS (Producing or shut-in) DATE OF TEST HOURS TESTED CHOKE SIZE PROD'N. FOR TEST PERIOD OIL—BSL. GAS—MCF. WATER—BSL. GAS-OIL RATIO FLOW. TUBING PRESS. CASING PRESSURE CALCULATED 24-HOUR RATE OIL—BSL. GAS—MCF. WATER—BSL. OIL GRAVITY-API (CORR.) SI 636 SI 723 ACCEPTED FOR RECORD																					
35. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) to be sold BHP @ 2250' 752 AUG 27 1990																					
36. LIST OF ATTACHMENTS none																					
37. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records SIGNED [Signature] TITLE Regulatory Affairs DATE 8-9-90																					

*(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	1420	1570'	White, cr-gr ss.	Ojo Alamo Kirtland Fruitland Pic.Cliffs	1420' 1570' 2045' 2316'	
Kirtland	1570'	2045'	Gry sh interbedded w/tight, gry, fine-gr ss.			
Fruitland	2045'	2316'	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.			
Pictured Cliffs	2316'	2363'	Bn-Gry, fine grn, tight ss.			