

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

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

(See other In-
structions on
reverse side)

LEASE DESIGNATION AND SERIAL NO

SF 077981

IF INDIAN, ALLOTTEE OR TRIBE NAME

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other ☐		1b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RENVR. ☐ Other ☐		RECEIVED MAR 18 1986		7. UNIT AGREEMENT NAME Huerfano Unit									
2. NAME OF OPERATOR El Paso Natural Gas Company				BUREAU OF LAND MANAGEMENT FARMINGTON RESOURCE AREA		8. FARM OR LEASE NAME Huerfano Unit									
3. ADDRESS OF OPERATOR P. O. Box 4289, Farmington, NM 87499				14. PERMIT NO.		9. WELL NO. 177E									
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1850'N 1500'E At top prod. interval reported below 6596' At total depth 6817'				DATE ISSUED		10. FIELD AND POOL, OR WILDCAT Basin Dakota									
15. DATE SPUDDED 2-4-86				16. DATE T.D. REACHED 2-12-86		11. SEC. T. R. M., OR BLOCK AND SURVEY OR AREA Sec. 22, T-26-N, R-10-W									
17. DATE COMPL. (Ready to prod.) 3-12-86				18. ELEVATIONS (DF, RKB, RT, OR, ETC.)* 6620' GL		12. COUNTY OR PARISH San Juan									
19. ELEV. CASINGHEAD 6620'				20. TOTAL DEPTH, MD & TVD 6817'		13. STATE NM									
21. PLUG. BACK T.D., MD & TVD 6788'				22. IF MULTIPLE COMPL., HOW MANY* One		24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 6596-6736' (Basin Dakota)									
23. INTERVALS DRILLED BY Rotary				25. WAS DIRECTIONAL SURVEY MADE No		26. TYPE ELECTRIC AND OTHER LOGS RUN Thermal Decay Time Log; Cyberscan; Temp Survey									
27. WAS WELL CORDED No				28. CASING RECORD (Report all strings set in well)											
CASING SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)		HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED					
8 5/8"		24.0#		222'		12 1/4"		177 cu ft							
4 1/2"		10.5&11.6#		6817'		7 7/8"		1889 cu ft							
29. LINER RECORD				30. TUBING RECORD											
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT*		SCREEN (MD)		SIZE		DEPTH SET (MD)		PACKER SET (MD)	
										2 3/8"		6714'			
31. PERFORATION RECORD (Interval, size and number) Pressure test csg. to 4000 psi-ok. Perf'd 6596, 6601, 6617, 6621, 6635, 6665, 6668, 6671, 6674, 6677, 6680, 6683, 6686, 6689, 6692, 6695, 6698, 6707, 6736 w/19 SPZ.				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. DEPTH INTERVAL (MD) 6596-6736' AMOUNT AND KIND OF MATERIAL USED 65,000# 40/60 sand & 84,851 gals slickwater											
33. PRODUCTION DATE FIRST PRODUCTION 3-5-86 PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing - when connected. Capable of Comm. HC to be tested WELL STATUS (Producing or shut-in) Shut in				DATE OF TEST 3-12-86 HOURS TESTED SI 7 Days CHOKED SIZE 0 PROD'N. FOR TEST PERIOD No Flow OIL—BBL. 0 GAS—MCF. 0 WATER—BBL. 0 GAS-OIL RATIO 0				FLOW. TUBING PRBS. SI 685 CASING PRESSURE SI 692 CALCULATED 24-HOUR RATE No Flow OIL—BBL. No Flow GAS—MCF. No Flow WATER—BBL. No Flow OIL GRAVITY-API (CORR.) 0				34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Shut in to be Sold TEST WITNESSED BY Bill Huntington			
35. LIST OF ATTACHMENTS Temp Survey				36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records SIGNED <i>[Signature]</i> TITLE <i>[Signature]</i> DIST. 13 Eng Clerk MAR 28 1986 ACCEPTED FOR RECORD MAR 25 1986 DATE 3-14-86											

*(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 as to any matter within its jurisdiction.

NMOCC

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	MEAS. DEPTH	TRUE VERT. DEPTH
Ojo Alamo	1150'	1280'	ss. White cr-grn s.	Ojo Alamo	1150'	
Kirtland	1280'	1900'	Gry sh interbedded w/tight gry fine-grn ss.	Kirtland	1280'	
Fruitland	1900'	2120'	Gry carb sh, scattered coals, coals and gry, tight, fine-grn ss.	Fruitland	1900'	
Pictured Cliffs	2120'	3026'	Gry, fine-grn tight, varicolored soft ss.	Pic. Cliffs	2120'	
La Ventana	3026'	3670'	Wt to lt buff to med grn sl carb bent sd.	La Ventana	3026'	
Mesa Verde	3670'	3740'	Gry, fine-grn, dense sil ss., carb sh & coal	Mesa Verde	3670'	
Menefee	3740'	4510'	Gry, fine-grn s, carb sh & coal	Menefee	3740'	
Point Lookout	4510'	4925'	Gry, very fine sil ss w/frequent sh breaks	Pt. Lookout	4510'	
Mancos	4925'	5698'	Gry carb sh.	Mancos	4925'	
Gallup	5698'	6506'	Lt gry to brn calc carb micac glauco very fine gry ss w/irreg. interbed sh	Gallup	5698'	
Greenhorn	6506'	6561'	Highly calc gry sh w/thin lmst.	Greenhorn	6506'	
Graneros	6561'	6663'	Dk gry shale, fossil & carb w/pyrite incl.	Graneros	6561'	
Dakota	6663'	6817'	Lt to dk gry foss carb sl calc sl silty ss w/pyrite incl thin sh bands clay & shale breaks	Dakota	6663'	