

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 077933																			
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other _____		6. IF INDIAN, ALLOTTEE OR TRIBE NAME Huerfano Unit																			
2. NAME OF OPERATOR El Paso Natural Gas Company		7. UNIT AGREEMENT NAME Huerfano Unit																			
3. ADDRESS OF OPERATOR P. O. Box 4289, Farmington, NM 87499		8. FARM OR LEASE NAME Huerfano Unit																			
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 830'N 1160'E At top prod. interval reported below At total depth		9. WELL NO. 244E																			
10. FIELD AND POOL, OR WILDCAT Basin Dakota		11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 19, T-26-N, R-10-W																			
12. COUNTY OR PARISH San Juan		13. STATE NM																			
15. DATE SPUDDED 4-8-85	16. DATE T.D. REACHED 4-17-85	17. DATE COMPL. (Ready to prod.) 7-15-85	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 6482' GL																		
19. ELEV. CASINGHEAD 6482'	20. TOTAL DEPTH, MD & TVD 6617'																				
21. PLUG, BACK T.D., MD & TVD 6599'	22. IF MULTIPLE COMPL., HOW MANY* One	23. INTERVALS DRILLED BY Rotary	24. WAS DIRECTIONAL SURVEY MADE No																		
25. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 6417-6474 (Basin Dakota)			26. TYPE ELECTRIC AND OTHER LOGS RUN Comp. DDSNL; Ind. Elec. GL; Ind. Log; Comp. Analyzed Log S; Temp Survey																		
27. WAS WELL CORED No			28. CASING RECORD (Report all strings set in well)																		
<table border="1"><thead><tr><th>CASINO 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</td><td>238</td><td>12 1/4"</td><td>176 cu ft</td><td></td></tr><tr><td>4 1/2"</td><td>10.5</td><td>6617</td><td>7 7/8"</td><td>1528 cu ft</td><td></td></tr></tbody></table>				CASINO SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED	8 5/8"	24	238	12 1/4"	176 cu ft		4 1/2"	10.5	6617	7 7/8"	1528 cu ft	
CASINO SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED																
8 5/8"	24	238	12 1/4"	176 cu ft																	
4 1/2"	10.5	6617	7 7/8"	1528 cu ft																	
29. LINER RECORD																					
<table border="1"><thead><tr><th>SIZE</th><th>TOP (MD)</th><th>BOTTOM (MD)</th><th>SACKS CEMENT*</th><th>SCREEN (MD)</th></tr></thead><tbody><tr><td></td><td></td><td></td><td></td><td></td></tr></tbody></table>				SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)													
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)																	
30. TUBING RECORD																					
<table border="1"><thead><tr><th>SIZE</th><th>DEPTH SET (MD)</th><th>PACKER SET (MD)</th></tr></thead><tbody><tr><td>2 3/8"</td><td>6472</td><td></td></tr></tbody></table>				SIZE	DEPTH SET (MD)	PACKER SET (MD)	2 3/8"	6472													
SIZE	DEPTH SET (MD)	PACKER SET (MD)																			
2 3/8"	6472																				
31. PERFORATION RECORD (Interval, size and number) 6417-6423, 6454-6459, 6468-6474 w/1 SPZ																					
32. 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>6417-6474</td><td>17,000# 40/60 sand&31,334 gals wt</td></tr></tbody></table>				DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED	6417-6474	17,000# 40/60 sand&31,334 gals wt														
DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED																				
6417-6474	17,000# 40/60 sand&31,334 gals wt																				
33.* PRODUCTION																					
DATE FIRST PRODUCTION 7-2-85		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing																			
WELL STATUS (Producing or shut-in) Shut in																					
DATE OF TEST 7-15-85	HOURS TESTED 3 Hrs.	CHOKE SIZE 3/4"	PROD'N. FOR TEST PERIOD 0																		
OIL—BBL. 0	GAS—MCF. 243 MCF	WATER—BBL. 0	GAS-OIL RATIO 0																		
FLOW. TUBING PRESS. SI 1024	CASING PRESSURE SI 1439	CALCULATED 24-HOUR RATE 0	OIL GRAVITY-API (CORR.) 0																		
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Shut in to be Sold																					
35. LIST OF ATTACHMENTS Cement Record; Temp Survey																					
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records, 1985 SIGNED <u>[Signature]</u> TITLE <u>Drilling Clerk</u> FARMINGTON RESOURCE AREA 7-31-85																					

*(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):

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
Pictured Cliffs	1890	2762	Gry, fine-grm tight, varicolored soft ss. Wt to lt buff to med grn sl carb bent sd. Gry, fine-grm, dense sil ss., carb sh & coal. Gry, fine-grm s, carb sh & coal. Gry, very fine sil ss w/frequent sh breaks. Gry carb sh. Lt gry to brn calc carb micac glauco very fine gry ss w/irreg. interbed sh. Highly calc gry sh w/thin lmst. Dk gry shale, fossil & carb w/pyrite incl. Lt to dk gry foss carb sl calc sl silty ss w/pyrite incl thin sh bands clay & shale breaks.	Pictured Cliffs	1890	
La Ventana	2762	3425		La Ventana	2762	
Mesa Verde	3425	3470		Mesa Verde	3425	
Menefee	3470	4310		Menefee	3470	
Point Lookout	4310	4650		Point Lookout	4310	
Mancos	4650	5450		Mancos	4650	
Gallup	5450	6291		Gallup	5450	
Greenhorn	6291	6350		Greenhorn	6291	
Graneros	6350	6452		Graneros	6350	
Dakota	6452	6617		Dakota	6452	

38. GEOLOGIC MARKERS

CEMENT RECORD
HUERFANO UNIT #244E
USGS COMPLETION REPORT

8 5/8" SURFACE CASING - Cmt'd w/150 class B sks cmt, 3% CaCl_2 , 1/4# Gel-flake/sk (176 cu ft)

4 1/2" PRODUCTION CSG. - Cmt'd 1st stage w/238 sks class B cmt, 50/50 POZ mix, 2% gel, 10% salt, 10% Cal-Seal, 1/4# fine tuf-plug/sk (373 cu ft)

Cmt'd 2nd stage w/357 sks class B cmt, 65/35 POZ mix, 6% gel, 2% CaCl_2 (579 cu ft)

Cmt'd 3rd stage w/356 sks class B cmt, 65/35 POZ mix, 6% gel, 2% CaCl_2 (576 cu ft)

SQUEEZE CMT'D - Cmt'd w/165 class B sks cmt, 65/35 POZ mix, 6% gel, 2% CaCl_2 (267 cu ft), followed by 100 class B sks, 3% CaCl_2 (118 cu ft), followed by 50 class B sks, 3% CaCl_2 (59 cu ft)

RECEIVED
OIL CORP. DIV.
E.P.R.