

Form approved.
Budget Bureau No. 42-R355.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other _____		7. UNIT AGREEMENT NAME Huerfano Unit	
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other _____		8. FARM OR LEASE NAME Huerfano Unit	
2. NAME OF OPERATOR El Paso Natural Gas Company		9. WELL NO. 170	
3. ADDRESS OF OPERATOR Box 990, Farmington, New Mexico		10. FIELD AND POOL, OR WILDCAT Basin Dakota	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) At surface 900'S, 1650'E At top prod. interval reported below At total depth		11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 25, T-26-N, R-10-W N.M.F.M.	
14. PERMIT NO.		18. ELEVATIONS (DF, EKB, RT, GR, ETC.)*	
15. DATE SPUDDED 2-28-67		19. ELEV. CASINGHEAD 6602' CL	
16. DATE T.D. REACHED 3-8-67		20. TOTAL DEPTH, MD & TVD 6673'	
17. DATE COMPL. (Ready to prod.) 5-22-67		21. PLUG, BACK T.D., MD & TVD 6654'	
22. IF MULTIPLE COMPL., HOW MANY*		23. INTERVALS DRILLED BY 0-6673'	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 6512 - 6628' (Dakota)		25. WAS DIRECTIONAL SURVEY MADE No	
26. TYPE ELECTRIC AND OTHER LOGS RUN I-ES, FDC, Temp. Survey		27. WAS WELL CORED No	
28. CASING RECORD (Report all strings set in well)			
CASING SIZE		WEIGHT, LB./FT.	
8 5/8"		24.5	
4 1/2"		10.5	
DEPTH SET (MD)		HOLE SIZE	
210'		12 1/4"	
6673'		7 7/8"	
CEMENTING RECORD		AMOUNT PULLED	
215 Sks.		7.5	
595 Sks.		1.5	
29. LINER RECORD			
SIZE		TOP (MD)	
2 3/8"		6480'	
BOTTOM (MD)		SACKS CEMENT*	
SCREEN (MD)		PACKER SET (MD)	
30. TUBING RECORD			
SIZE		DEPTH SET (MD)	
2 3/8"		6480'	
31. PERFORATION RECORD (Interval, size and number)			
6512-16, 6536-40, 6558-96, 6606-14, 6624-28 w/16 spz		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
6512-6628		1190 Bbls. water, 50,000# sand	
		300 Gal. acid	
33.* PRODUCTION			
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	
5-22-67		Flowing	
HOURS TESTED		CHOKE SIZE	
3		3/4"	
PROD'N. FOR TEST PERIOD		OIL—BBL.	
46.13		GAS—MCF.	
WATER—BBL.		GAS-OIL RATIO	
SI 1856		SI 1825	
CALCULATED 24-HOUR RATE		OIL—BBL.	
6379 MCF/D		GAS—MCF.	
WATER—BBL.		OIL GRAVITY-API (CORR.)	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)			
TEST WITNESSED BY			
R. F. Headrick			
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 Carl E. Matthews TITLE Petroleum Engineer DATE 6-6-67			

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

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

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
				Pictured Cliffs Point Lookout Gallup Graneros Dakota	2023 4433 5600 6474 6583	