

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other in-
structions on
reverse side)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 _____				5. LEASE DESIGNATION AND SERIAL NO. SF 077980-A	
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 Huerfano Unit	
3. ADDRESS OF OPERATOR PO Box 990, Farmington, NM 87401				8. FARM OR LEASE NAME Huerfano Unit	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 970'S, 1150'E At top prod. interval reported below At total depth				9. WELL NO. 232	
14. PERMIT NO. _____ DATE ISSUED _____				10. FIELD AND POOL, OR WILDCAT Angel Peak Gallup Ext.	
15. DATE SPUDDED 12-5-72				11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 8, T-26-N, R-9-W NMPM	
16. DATE T.D. REACHED 12-15-72				12. COUNTY OR PARISH San Juan	
17. DATE COMPL. (Ready to prod.) 1-8-73				13. STATE New Mexico	
18. ELEVATIONS (DF, REB, RT, GR, ETC.)* 6495'GL				19. ELEV. CASINGHEAD	
20. TOTAL DEPTH, MD & TVD 6100'		21. PLUG, BACK T.D., MD & TVD 6083'		23. INTERVALS DRILLED BY 0-6100'	
22. IF MULTIPLE COMPL., HOW MANY* →				24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 5654-6020'(Gallup)	
25. WAS DIRECTIONAL SURVEY MADE no				26. TYPE ELECTRIC AND OTHER LOGS RUN FDC-GR; IES; Temp. Survey	
27. WAS WELL CORED no				28. CASING RECORD (Report all strings set in well)	
CASING SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)	
8 5/8"		24.0#		209'	
4 1/2"		10.5#		6100'	
HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED	
12 1/4"		182 cu. ft.			
7 7/8"		1140 cu. ft.			
29. LINER RECORD				30. TUBING RECORD	
SIZE		TOP (MD)		BOTTOM (MD)	
SACKS CEMENT*		SCREEN (MD)		SIZE	
				2 3/8"	
DEPTH SET (MD)		PACKER SET (MD)		DEPTH SET (MD)	
				6015'	
31. PERFORATION RECORD (Interval, size and number) 5846-58', 5934-42', 6008-20' with 16 shots per zone, and 5654-66', 5746-58', 5778-86', 5800-08' with 16 shots per zone.				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED			
5846-6020'		35,000# sand, 39,045 gal. water			
5654-5808'		45,000#sand, 48,910 gal. water			
33.* PRODUCTION					
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) flowing			WELL STATUS (Producing or shut-in) shut in
DATE OF TEST		HOURS TESTED		CHOKE SIZE	
1-8-73		3 hrs.		3/4"	
PROD'N. FOR TEST PERIOD		OIL—BBL.		GAS—MCF.	
→		20			
FLOW. TUBING PRESS.		CASING PRESSURE		CALCULATED 24-HOUR RATE	
SI 972		SI 994		→	
OIL—BBL.		GAS—MCF.		WATER—BBL.	
		294 AOF			
OIL GRAVITY-API (CORR.)		34.1°			
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)				TEST WITNESSED BY J. Jones & B. J. Broughton	
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>[Signature]</u>		TITLE Petroleum Engineer		DATE January 15, 1973	

*(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	2188'	
				Mesa Verde	3771'	
				Point Lookout	4618'	
				Gallup	5650'	