

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 _____		
b. TYPE OF COMPLETION:		NEW WELL ☒	WORK OVER ☐	DEEP-EN ☐	PLUG BACK ☐	DIFF. RESVR. ☐	Other _____
2. NAME OF OPERATOR El Paso Natural Gas Company						7. UNIT AGREEMENT NAME San Juan 27-4 Unit	
3. ADDRESS OF OPERATOR PO Box 990, Farmington, NM 87401						8. FARM OR LEASE NAME San Juan 27-4 Unit	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 990'N, 990'E At top prod. interval reported below At total depth						9. WELL NO. 60	
14. PERMIT NO.						DATE ISSUED	
15. DATE SPUDDED 4-6-72						18. ELEVATIONS (DF, REB, RT, GR, ETC.)* 7135'GL	
16. DATE T.D. REACHED 4-23-72		17. DATE COMPL. (Ready to prod.) 5-10-72		19. ELEV. CASINGHEAD		12. COUNTY OR PARISH Rio Arriba	
20. TOTAL DEPTH, MD & TVD 8483'		21. PLUG, BACK T.D., MD & TVD 8474'		22. IF MULTIPLE COMPL., HOW MANY*		13. STATE New Mexico	
23. INTERVALS DRILLED BY → 0-8483'						10. FIELD AND POOL, OR WILDCAT Basin Dakota	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 8210-8460'(Dakota)						11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 21, T-27-N, R-4-W NMPM	
26. TYPE ELECTRIC AND OTHER LOGS RUN I-GR, FDC-GR, Temp. Survey						25. WAS DIRECTIONAL SURVEY MADE no	
27. WAS WELL CORED no						28. CASING RECORD (Report all strings set in well)	
CASING SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)		HOLE SIZE	
9 5/8"		32.3#		228'		13 3/4"	
7"		20#		4344'		8 3/4"	
4 1/2"		11.6&10.5#		8483'		6 1/4"	
CEMENTING RECORD		AMOUNT PULLED					
225 cu. ft.							
194 cu. ft.							
652 cu. ft.							
29. LINER RECORD						30. TUBING RECORD	
SIZE		TOP (MD)		BOTTOM (MD)		SIZE	
						1 1/2"	
SACKS CEMENT*		SCREEN (MD)		DEPTH SET (MD)		PACKER SET (MD)	
				8432'			
31. PERFORATION RECORD (Interval, size and number) 8210-20', 8303-13', 8332-42', 8369-79', 8403-13', 8450-60' with 20 shots per zone.						32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
DEPTH INTERVAL (MD)						AMOUNT AND KIND OF MATERIAL USED	
8210-8460'						56,000#sand, 57,330 gal. water	
33.* PRODUCTION						WELL STATUS (Producing or shut in)	
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) flowing				OIL—BBL. GAS—MCF. WATER—BBL. OIL GRAVITY-API (CORR.)	
5-10-72		HOURS TESTED 3 hrs.		CHOKE SIZE 3/4"		21'	
FLOW. TUBING PRESS.		CASING PRESSURE		CALCULATED 24-HOUR RATE		2159 AOF	
SI 2606		SI 2582		→		54°	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)						TEST WITNESSED BY J. Goodwin	
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>Elwood</u>						TITLE <u>Petroleum Engineer</u>	
						DATE <u>5-24-72</u>	
						MAY 26 1972	

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

U. S. GEOLOGICAL SURVEY
DURANGO, COLO.

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 23, 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 33.

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

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	38. GEOLOGIC MARKERS		
				NAME	MEAS. DEPTH	TRUE VERT. DEPTH
				Pictured Cliffs	4028'	
				Mesa Verde	5764'	
				Point Lookout	6171'	
				Gallup	7174'	
				Greenhorn	8109'	
				Graneros	8173'	
				Dakota	8298'	