

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						RECEIVED NOV 6 1968 U. S. GEOLOGICAL SU	
3. ADDRESS OF OPERATOR Box 990, Farmington, New Mexico							
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1550°N, 900°W At top prod. interval reported below At total depth							
14. PERMIT NO.		DATE ISSUED		5. LEASE DESIGNATION AND SERIAL NO. SP 078580		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
15. DATE SPUDDED 9-23-68		16. DATE T.D. REACHED 10-6-68		17. DATE COMPL. (Ready to prod.) 10-28-68		7. UNIT AGREEMENT NAME	
18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 6252' GL		19. ELEV. CASINGHEAD		8. FARM OR LEASE NAME Howell A		9. WELL NO. 4	
20. TOTAL DEPTH, MD & TVD 7714'		21. PLUG, BACK T.D., MD & TVD 7691'		22. IF MULTIPLE COMPL., HOW MANY*		10. FIELD AND POOL, OR WILDCAT Basin Dakota	
23. INTERVALS DRILLED BY →		24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 7474-7681' (Dakota)		25. WAS DIRECTIONAL SURVEY MADE No		11. SEC., T. R., M., OR BLOCK AND SURVEY OR AREA Sec. 4, T-30-N, R-8-W N.M.P.M.	
26. TYPE ELECTRIC AND OTHER LOGS RUN I-ES, I-GR, FDC/GR, Temp. Survey		27. WAS WELL CORED No		12. COUNTY OR PARISH San Juan		13. STATE New Mexico	
28. CASING RECORD (Report all strings set in well)							
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD			
9 5/8"	32.30	234'	13 3/4"	145 Sks.			
7"	20	3300'	8 3/4"	180 Sks.			
4 1/2"	11.6 & 10.5	7714'	6 1/4"	358 Sks.			
29. LINER RECORD				30. TUBING RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	AMOUNT AND KIND OF MATERIAL USED
					2 3/8"	7451'	77,000 gal. water, 77,000 gal. sand 300 gal. acid
31. PERFORATION RECORD (Interval, size and number) 7474-8', 7494-7504', 7538-44', 7592-7600', 7610-20', 7666-81' w/24 SPZ				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. DEPTH INTERVAL (MD) 7474-7681			
33.* PRODUCTION				34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)			
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 10-28-68	HOURS TESTED 3	CHOKE SIZE 3/4"	PROD'N. FOR TEST PERIOD →	OIL—BBL. 2191 MCF, D - A.O.F.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
FLOW. TUBING PRESS. SI 2387	CASING PRESSURE SI 2378	CALCULATED 24-HOUR RATE →	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
35. LIST OF ATTACHMENTS				TEST WITNESSED BY T. D. Horton			
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 11-4-68			

*(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:			38. GEOLOGIC MARKERS			
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	MEAS. DEPTH	TRUE VERT. DEPTH
				Pictured Cliffs	3096	
				Mesa Verde	4912	
				Point Lookout	5312	
				Gallup	6615	
				Greenhorn	7346	
				Graneros	7397	
				Dakota	7518	