

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYForm approved,
Budget Bureau No. 42-R355.5.

WELL COMPLETION OR RECOMPLETION REPORT 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							
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 990'S, 990'W At top prod. interval reported below At total depth							
14. PERMIT NO.				DATE ISSUED SEP 21 1967			
5. LEASE DESIGNATION AND SERIAL NO. NM 012708		6. IF INDIAN, ALLOTTEE OR TRIBE NAME					
7. UNIT AGREEMENT NAME							
8. FARM OR LEASE NAME Howell M							
9. WELL NO. 1 (OWWO)							
10. FIELD AND POOL, OR WILDCAT Blanco Mesa Verde							
11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 30, T-30-N, R-8-W N.M.P.M.							
12. COUNTY OR PARISH San Juan		13. STATE New Mexico					
15. DATE SPUDDED W/O 8-23-67	16. DATE T.D. REACHED 8-27-67	17. DATE COMPL. (Ready to prod.) 9-11-67	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 5753' GL		19. ELEV. CASINGHEAD		
20. TOTAL DEPTH, MD & TVD 4819'	21. PLUG, BACK T.D., MD & TVD 4803'	22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY →	ROTARY TOOLS 0-4819'	CABLE TOOLS		
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 4150 - 4788' (Mesa Verde)					25. WAS DIRECTIONAL SURVEY MADE No		
26. TYPE ELECTRIC AND OTHER LOGS RUN GRI-N, FDC-GR, G/CCL, Temp. Survey					27. WAS WELL CORED No		
28. CASING RECORD (Report all strings set in well)							
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD		AMOUNT PULLED	
9 5/8"	25.4#	173'	13 3/4"	125 Sks.			
7"	20#	4022'	8 3/4"	300 Sks.			
4 1/2"	10.5#	4819'	6 1/4"	115 Sks.			
29. LINER RECORD				30. TUBING RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8"	4705'	
31. PERFORATION RECORD (Interval, size and number) 4150-54, 4166-70, 4181-85, 4196-4200 2/16 SPZ 4646-50, 4660-72, 4682-86, 4710-22, 4742-54, 4784-88 w/16 SPZ				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
				DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED		
				4150-4200	64,010 gal. water, 65,000# sand		
				4646-4788	250 Gal. Acid		
					34,000 gal. water, 34,000# sand		
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 9-11-67	HOURS TESTED 3	CHOKE SIZE 3/4"	PROD'N. FOR TEST PERIOD →	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
FLOW. TUBING PRESS. SI 929	CASING PRESSURE SI 930	CALCULATED 24-HOUR RATE →	OIL—BBL.	GAS—MCF. 12,756 MCF/D	WATER—BBL.	OIL GRAVITY-API (CORR.)	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)						TEST WITNESSED BY R. F. Hendrick	
35. LIST OF ATTACHMENTS							
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records Original signed by SIGNED Carl E. Matthews TITLE Petroleum Engineer DATE 9-20-67							

*(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 Cliff House Menefee Point Lookout Mancos	2450 4038 4225 4646 4726	