

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other instructions 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 078046	
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	
3. ADDRESS OF OPERATOR Box 990, Farmington, New Mexico				8. FARM OR LEASE NAME Hughes	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 990'S, 1650'W At top prod. interval reported below At total depth				9. WELL NO. 5 (OWWO)	
14. PERMIT NO. _____ DATE ISSUED _____				10. FIELD AND POOL, OR WILDCAT Blanco Mesa Verde	
15. DATE SPUDDED W/O 11-2-66 16. DATE T.D. REACHED W/O 11-7-66 17. DATE COMPL. (Ready to prod.) 11-21-66				11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 21, T-29-N, R-0-W N.M.P.M.	
18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 6435' GL				12. COUNTY OR PARISH San Juan	
19. ELEV. CASINGHEAD				13. STATE New Mexico	
20. TOTAL DEPTH, MD & TVD 5498'		21. PLUG, BACK T.D., MD & TVD C.O. 5470'		22. IF MULTIPLE COMPL., HOW MANY* →	
23. INTERVALS DRILLED BY 0 - 5498				24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 4665 - 5361 (Mesa Verde)	
25. WAS DIRECTIONAL SURVEY MADE Yes				26. TYPE ELECTRIC AND OTHER LOGS RUN SS, GRI, Ind., FDC/GR, Temp. Survey	
27. WAS WELL CORED No				28. CASING RECORD (Report all strings set in well)	
CASING SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)	
9 5/8"		25.4#		173'	
7"		23#		4595'	
4 1/2"		10.5#		5498'	
HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED	
12 1/4"		130 Sks.		RECEIVED	
8 3/4"		300 Sks.		DEC 9 1966	
6 1/8"		135 Sks.		U.S. GEOLOGICAL SURVEY	
29. LINER RECORD		30. TUBING RECORD		FARMINGTON, N. M.	
SIZE		TOP (MD)		BOTTOM (MD)	
2 3/8"		5355'		PACKER SET (MD)	
31. PERFORATION RECORD (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
4665-75, 4706-14, 4728-38, 4797-4806, w/20 SPZ, 5300-08, 5323-31, 5348-54, 5375-81 w/18 SPZ		DEPTH INTERVAL (MD)			
		AMOUNT AND KIND OF MATERIAL USED			
		4665-4806 32,320 gal. water, 32,000# sand			
		5300-5361 53,120 gal. water, 50,000# sand			
33.* PRODUCTION					
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)		WELL STATUS (Producing or shut-in)	
		Flowing		Shut In	
DATE OF TEST		HOURS TESTED		CHOKE SIZE	
11-21-66		3		3/4"	
PROD'N. FOR TEST PERIOD		OIL—BBL.		GAS—MCF.	
→					
FLOW. TUBING PRESS.		CASING PRESSURE		CALCULATED 24-HOUR RATE	
SI 844		SI 797		→	
OIL—BBL.		GAS—MCF.		WATER—BBL.	
		6527			
OIL GRAVITY-API (CORR.)					
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)					
TEST WITNESSED BY R. F. [Signature]					
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		Original signed by Carl E. Matthews		TITLE Petroleum Engineer	
DATE				DATE DEC 12 1966	

*(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
				Cjo Alamo Kirtland Fruitland Pictured Cliffs Lewis Cliff House Menefee Point Lookout Mancos	2010 2145 2740 3036 3085 4660 4808 5290 5402	