

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. SP 078049	
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 - 87401		8. FARM OR LEASE NAME Hughes A	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1650'N, 790'E At top prod. interval reported below At total depth		9. WELL NO. 5 (OWWO)	
14. PERMIT NO.		10. FIELD AND POOL, OR WILDCAT Blanco Mesa Verde	
DATE ISSUED		11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 28, T-29-N, R-8-W N.M.P.M.	
15. DATE SPUDDED W/O 9-27-68		12. COUNTY OR PARISH San Juan	
16. DATE T.D. REACHED W/O 10-2-68		13. STATE New Mexico	
17. DATE COMPL. (Ready to prod.) 10-14-68		18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 6387' GL	
19. ELEV. CASINGHEAD		20. TOTAL DEPTH, MD & TVD 5433'	
21. PLUG, BACK T.D., MD & TVD 5397'		22. IF MULTIPLE COMPL., HOW MANY*	
23. INTERVALS DRILLED BY 0 - 5433		24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 4587 - 5378' (Mesa Verde)	
25. WAS DIRECTIONAL SURVEY MADE No		26. TYPE ELECTRIC AND OTHER LOGS RUN I-ES, FDC/OR, Temp. Survey	
27. WAS WELL CORED No		28. CASING RECORD (Report all strings set in well)	
CASING SIZE		WEIGHT, LB./FT.	
9 5/8"		25.4#	
7"		20#	
4 1/2"		10.5#	
DEPTH SET (MD)		HOLE SIZE	
170'		13 3/4"	
4529'		8 3/4"	
5433'		6 1/4"	
CEMENTING RECORD		AMOUNT AND KIND OF MATERIAL USED	
125 Sks.		31,110 gal. water, 33,000# sand	
300 Sks.		37,430 gal. water, 42,000# sand	
125 Sks.		300 gal. acid	
29. LINER RECORD		30. TUBING RECORD	
SIZE		SIZE	
TOP (MD)		DEPTH SET (MD)	
BOTTOM (MD)		SACKS CEMENT*	
SCREEN (MD)		2 3/8"	
5192'		31. PERFORATION RECORD (Interval, size and number) 4587-99', 4630-36', 4653-59', 4713-19', w/8 12 SPZ. 5210-14', 5226-34', 5250-54', 5278-84', 5308-12', 5374-78' w/8 SPZ	
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.		33. PRODUCTION	
DEPTH INTERVAL (MD)		DATE FIRST PRODUCTION	
4587-4719		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing	
5210-5378		WELL STATUS (Producing or shut-in) Shut In	
33. PRODUCTION		DATE OF TEST 10-14-68	
AMOUNT AND KIND OF MATERIAL USED		HOURS TESTED 3	
31,110 gal. water, 33,000# sand		CHOKE SIZE 3/4"	
37,430 gal. water, 42,000# sand		PROD'N. FOR TEST PERIOD 7425 MCF/D + A.O.F.	
300 gal. acid		OIL—BBL.	
33. PRODUCTION		GAS—MCF.	
DATE FIRST PRODUCTION		WATER—BBL.	
PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing		GAS-OIL RATIO	
WELL STATUS (Producing or shut-in) Shut In		OIL GRAVITY-API (CORR.)	
DATE OF TEST 10-14-68		FLOW. TUBING PRESS.	
HOURS TESTED 3		CASING PRESSURE SI 779	
CHOKE SIZE 3/4"		CALCULATED 24-HOUR RATE SI 779	
PROD'N. FOR TEST PERIOD 7425 MCF/D + A.O.F.		OIL—BBL.	
OIL—BBL.		GAS—MCF.	
GAS—MCF.		WATER—BBL.	
WATER—BBL.		OIL GRAVITY-API (CORR.)	
OIL GRAVITY-API (CORR.)		34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)		TEST WITNESSED BY J. B. 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	
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records		SIGNED George H. Wood TITLE Petroleum Engineer DATE 10-18-68	

*(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 well which is subject to 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, shall be 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, before registering completion reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all current and 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	TOP	MEAS. DEPTH	TRUE VERT. DEPTH
				Pictured Cliffs	2965'			
				Cliff House	3020'			
				Manatee	4718'			
				Point Lookout	5183'			
				Manacos	5320'			