

**UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY**

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

Form approved.
Budget Bureau No. 42-3355.5.**WELL COMPLETION OR RECOMPLETION REPORT AND LOG ***

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other _____				5. LEASE DESIGNATION AND SERIAL NO. SF 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 289, 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 1700' S, 970' E At top prod. interval reported below At total depth				9. WELL NO. #4A	
14. PERMIT NO. _____ DATE ISSUED _____				10. FIELD AND POOL, OR WILDCAT Blanco Mesa Verde	
15. DATE SPUDDED 4-19-79				11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 34, T-29-N, R-8-W N.M.P.M.	
16. DATE T.D. REACHED 4-26-79				12. COUNTY OR PARISH San Juan	
17. DATE COMPL. (Ready to prod.) 6-26-79				13. STATE New Mexico	
18. ELEVATIONS (DF, REB, RT, GR, ETC.)* 6483' GL				19. ELEV. CASINGHEAD	
20. TOTAL DEPTH, MD & TVD 5719'		21. PLUG, BACK T.D., MD & TVD 5691'		22. IF MULTIPLE COMPL., HOW MANY*	
23. INTERVALS DRILLED BY →				ROTARY TOOLS 0-5719'	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 4652 - 5690' (Mesa Verde)				25. WAS DIRECTIONAL SURVEY MADE NO	
26. TYPE ELECTRIC AND OTHER LOGS RUN IL/GRCDL/GR; Temperature 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"	36#	221'	13 3/4"	224cf	
7"	20#	3407'	8 3/4"	293cf	
29. LINER RECORD					
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	
4 1/2"	3247'	5719'	428 cf		
30. TUBING RECORD					
SIZE	DEPTH SET (MD)	PACKER SET (MD)			
2 3/8"	5660'				
31. PERFORATION RECORD (Interval, size and number) 4673, 4678, 4693, 4698, 4703, 4716, 4721, 4732, 4736, 4751, 4756, 4761, 4766, 4771, 4776, 4781, 4786, 4791, 4906, 4914, 4922, 5029, 5088' w/1 SPZ. 5238, 5244, 5250, 5262, 5267, 5272, 5283, 5288, 5300, 5316, 5344, 5378, 5414, 5464, 5474, 5493, 5500, 5539, 5550, 5567, 5592, 5600, 5622, 5672, 5690' w/1 SPZ.					
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.					
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED			
4652-5088'		68,000# SD 136,000 gal. wtr.			
5238-5690'		94,000# SD 188,000 gal. wtr.			
33.* PRODUCTION					
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) After Frac Gauge - 3866 MCF/D			
DATE OF TEST 6-27-79		HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	WELL STATUS (Producing or shut-in) Shut IN
FLOW. TUBING PRESS. SI 118	CASING PRESSURE SI 800	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)		TEST WITNESSED BY N Wagoner			
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 H. G. Buico		TITLE Drilling Clerk		DATE 7-11-79	

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

NMDC

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. Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above)

Item 23. Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

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		GEOLOGIC MARKERS	
FORMATION	TOP	BOTTOM	
			NAME
			Mesa Verde
			Point Lookout
			MEAS. DEPTH
			4648'
			5223'
			TRUE VERT. DEPTH
			TOP