

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. NM 12033	
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 Jerome P. McHugh				7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR Box 234, Farmington, New Mexico 87401				8. FARM OR LEASE NAME Nassau	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1850' FSL - 1850' FEL At top prod. interval reported below At total depth				9. WELL NO. 4	
14. PERMIT NO. _____ DATE ISSUED _____				10. FIELD AND POOL, OR WILDCAT Wildcat	
15. DATE SPUDDED 11-23-71				11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 24, T27N, R13W	
16. DATE T.D. REACHED 12-5-71				12. COUNTY OR PARISH San Juan	
17. DATE COMPL. (Ready to prod.) P&A				13. STATE NM	
18. ELEVATIONS (DF, REB, RT, GR, ETC.)* 5898' GR				19. ELEV. CASINGHEAD	
20. TOTAL DEPTH, MD & TVD 6080'		21. PLUG, BACK T.D., MD & TVD 6040'		22. IF MULTIPLE COMPL., HOW MANY* Single	
23. INTERVALS DRILLED BY → 0-6080'				24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* Dakota 5836-40', 5888-96', 5906-16'.	
25. WAS DIRECTIONAL SURVEY MADE No				26. TYPE ELECTRIC AND OTHER LOGS RUN Dresser Atlas IES and Density	
27. WAS WELL CORRED No				28. CASING RECORD (Report all strings set in well)	
CASING SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)	
8-5/8"		24#		214' RKB	
4-1/2"		9.5#		6082' RKB	
HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED	
12-1/4"		175 sx		None	
7-7/8"		425 sx (2 stages)		None	
29. LINER RECORD					
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	
30. TUBING RECORD					
SIZE	DEPTH SET (MD)	PACKER SET (MD)			
	P&A				
31. PERFORATION RECORD (Interval, size and number)					
Dakota Perfs (2 jets/ft) 5906-16', 5888-96', 5836-40'					
Fruitland Perfs (2 jets/ft) 1065-72'					
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.					
DEPTH INTERVAL (MD)			AMOUNT AND KIND OF MATERIAL USED		
			See completion report for detailed frac information.		
33.* PRODUCTION					
DATE FIRST PRODUCTION P&A		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)			WELL STATUS (Producing or shut-in) P&A
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) P&A					
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 T. A. Dugan		TITLE Engineer		DATE 7-9-74	
Thomas A. Dugan					

*(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 report 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.

38. GEOLOGIC MARKERS	TOP		MEAS. DEPTH	TRUE VERT. DEPTH
	NAME			
	<u>Log Tops</u>			
	Fruitland		992'	
	Pictured Cliffs		1284'	
	Lewis Trans		1352'	
	Lewis		1585'	
	Chacra		2146'	
	Menefee		2838'	
	Point Lookout		3793'	
	Upper Mancos		4053'	
	Gallup		4954'	
	Sanostee		5373'	
	Lower Mancos		5474'	
	Greenhorn		5738'	
	Graneros		5796'	
	Dakota		5888'	