

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 _____		
b. TYPE OF COMPLETION:		NEW WELL ☒	WORK OVER ☐	DEEP-EN ☐	PLUG BACK ☐		
			DIFF. RESVR. ☐	Other _____			
2. NAME OF OPERATOR Jerome P. McHugh							
3. ADDRESS OF OPERATOR Box 234, Farmington, N. M.							
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 790' fnl 1850' fnl At top prod. interval reported below At total depth							
14. PERMIT NO.		DATE ISSUED					
5. LEASE DESIGNATION AND SERIAL NO. SF 078477		6. IF INDIAN, ALLOTTEE OR TRIBE NAME					
7. UNIT AGREEMENT NAME		8. FARM OR LEASE NAME Nordhaus					
9. WELL NO. 7		10. FIELD AND POOL, OR WILDCAT Ballard P.C.					
11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 20, T25N, R7W		12. COUNTY OR PARISH Rio Arriba		13. STATE N. M.			
15. DATE SPUDDED 4/13/69	16. DATE T.D. REACHED 4/23/69	17. DATE COMPL. (Ready to prod.) 8/4/69		18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 6466' Gr.	19. ELEV. CASINGHEAD		
20. TOTAL DEPTH, MD & TVD 2300'	21. PLUG, BACK T.D., MD & TVD 2260'	22. IF MULTIPLE COMPL., HOW MANY* Single		23. INTERVALS DRILLED BY 0-2300'	ROTARY TOOLS CABLE TOOLS		
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* Pictured Cliffs 2207' - 2225' Melex I.E.S. and Density					25. WAS DIRECTIONAL SURVEY MADE Yes		
26. TYPE ELECTRIC AND OTHER LOGS RUN Melex I.E.S. and Density					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		
8 5/8"	20#	91'	11 1/4"	75 sx.	---		
4 1/2"	11.6 & 9.5#	2300'	6- 3/4"	150 sx.	---		
29. LINER RECORD			30. TUBING RECORD				
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
		None			1 1/4"	2250'	---
31. PERFORATION RECORD (Interval, size and number) 2207' - 2218' & 2221' - 2225' 2167' - 2159'				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED						
2207' - 2225'	815 bbls. water						
2167' - 2159'	30,000# 20-40 sd.						
	450 bbls. water						
	15,000# 20-40 sd.						
33.* PRODUCTION							
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)			WELL STATUS (Producing or shut-in)		
DATE OF TEST 6/13/69	HOURS TESTED 3 hrs.	CHOKE SIZE 3/4"	PROD'N. FOR TEST PERIOD ---	OIL—BBL. ---	GAS—MCF. 915	WATER—BBL. ---	
FLOW. TUBING PRESS. 62	CASING PRESSURE 528	CALCULATED 24-HOUR RATE ---	OIL—BBL. ---	GAS—MCF. 930 CAOF	WATER—BBL. ---	OIL GRAVITY-API (CORR.) AUG- 8 1969	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Shut In						TEST WITNESSED BY OIL CON. COM. DIST. 3	
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 8/6/69			

*(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 21, 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	TOP TRUE VERT. DEPTH
				LOG TOPS		
				Kirtland	1644'	
				Fruitland	2012'	
				Fractured Cliffs	2163'	
				Lewis	2226'	