

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

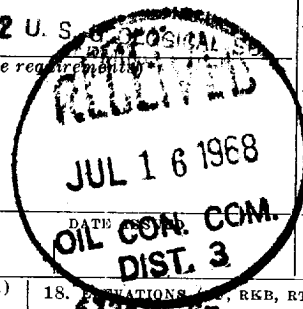
(See other in-
structions on
reverse side)Form approved,
Budget Bureau No. 42-R355.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL:		OIL WELL ☐	GAS WELL ☒	DRY ☐	Other ☐
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 933 Petroleum Club Bldg., Denver, Colo. 80202 U. S.					
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) At surface 1630' fs1 900' fw1 At top prod. interval reported below At total depth					
14. PERMIT NO.					
15. DATE SPUDDED 5/24/68		16. DATE T.D. REACHED 6/8/68		17. DATE COMPL. (Ready to prod.) 6/21/68	
20. TOTAL DEPTH, MD & TVD 7592'		21. PLUG, BACK T.D., MD & TVD 7551'		22. IF MULTIPLE COMPL., HOW MANY Single	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* Dakota 7361' to 7543'		18. PERMITS (L, R, KRB, RT, GR, ETC.)* 6724 Gr.		19. ELEV. CASINGHEAD	
26. TYPE ELECTRIC AND OTHER LOGS RUN Induction Electric & Density		23. INTERVALS DRILLED BY ROTARY TOOLS		25. WAS DIRECTIONAL SURVEY MADE Yes	
27. WAS WELL CORED No		12. COUNTY OR TERRITORY Rio Arriba		13. STATE N. M.	
5. LEASE DESIGNATION AND SERIAL NO. Cont #120					
6. IF INDIAN, ALLOTTEE OR TRIBE NAME Jicarilla Apache					
7. UNIT AGREEMENT NAME					
8. FARM OR LEASE NAME Jicarilla					
9. WELL NO. 4					
10. FIELD AND POOL, OR WILDCAT Basin Dakota					
11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 31, T26N, R4W					
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"	24	238'	12 1/4"	175 sx.	---
4 1/2"	11.6 & 10.5	7587'	7 7/8"	350 sx. 1st stage	---
				660 cu. ft. 2nd stage	
				960 cu. ft. 3rd stage	
29. LINER RECORD					
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	
		None			
30. TUBING RECORD					
SIZE	DEPTH SET (MD)	PACKER SET (MD)			
2 3/8"	7525'	No			
31. PERFORATION RECORD (Interval, size and number)					
7488'-94, 7500'-06, 7521'-23, 7533'-43					
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.					
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED			
7488' - 7543'		40,000# 20-40 sd.			
7361' - 7390'		47,000 gal. water			
		40,000# 20-40 sd.			
		48,300 gal. water			
33.* PRODUCTION					
DATE FIRST PRODUCTION ---		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing			WELL STATUS (Producing or shut-in) Shut in
DATE OF TEST 6/27/68	HOURS TESTED 3 hrs.	CHOKE SIZE 3/4"	PROD'N. FOR TEST PERIOD ---	OIL—BBL. ---	GAS—MCF. ---
WATER—BBL. ---	GAS-OIL RATIO ---				
FLOW. TUBING PRESS. 422	CASING PRESSURE 1255	CALCULATED 24-HOUR RATE ---	OIL—BBL. ---	GAS—MCF. 5456	WATER—BBL. ---
OIL GRAVITY-API (CORR.) ---					
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) CAOF 6907					TEST WITNESSED BY Dugan
35. LIST OF ATTACHMENTS					

RECEIVED

JUL 15 1968



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 EngineerDATE 7/11/68

*(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 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. AM 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

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	GEOLOGIC MARKERS	
				NAME	TOP
					MEAS. DEPTH
					TRUE VERT. DEPTH
				LOG TOPS	
				Pictured Cliffs	3168'
				Lewis	3250'
				Cliffhouse	4853'
				Manefee	4930'
				Point Lookout	5385'
				Mancos	5552'
				Gallup	6418'
				Greenhorn	7277'
				Graneros Sh.	7337'
				Graneros Sd.	7561'
				Dakota	7456'