

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 ☐		5. LEASE DESIGNATION AND SERIAL NO. HOO-C-14-20-3022	
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other ☐		6. IF INDIAN, ALLOTTEE OR TRIBE NAME Navajo Allotted	
2. NAME OF OPERATOR Jerome P. McHugh		7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR Box 234, Farmington, N. M. 87401		8. FARM OR LEASE NAME Nassau	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface At top prod. interval reported below 1500' fm 1850' fm At total depth		9. WELL NO. 3	
14. PERMIT NO.		DATE ISSUED JUL 15 1971	
15. DATE SPUDDED 5/26/71		16. DATE T.D. REACHED 6/7/71	
17. DATE COMPL. (Ready to prod.) 6/26/71		18. ELEVATIONS (DF, REB, RT, GR, ETC.)* 6313' Gr.	
19. ELEV. CASINGHEAD		20. TOTAL DEPTH, MD & TVD 6270'	
21. PLUG, BACK T.D., MD & TVD 6230'		22. IF MULTIPLE COMPL., HOW MANY? Single	
23. INTERVALS DRILLED BY →		24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 6153' to 6212'	
25. WAS DIRECTIONAL SURVEY MADE Yes		26. TYPE ELECTRIC AND OTHER LOGS RUN Induction Electric and Gamma Ray-Calliper-Density, Gamma Ray Collar	
27. WAS WELL CORED No		28. CASING RECORD (Report all strings set in well)	
CASING SIZE		WEIGHT, LB./FT.	
8 5/8"		24#	
4 1/2"		10.5#	
DEPTH SET (MD)		HOLE SIZE	
168'		12 1/4"	
6270'		7 7/8"	
CEMENTING RECORD		AMOUNT PULLED	
175 sx.		---	
400 sx.		---	
29. LINER RECORD		30. TUBING RECORD	
SIZE		TOP (MD)	
BOTTOM (MD)		SACKS CEMENT*	
SCREEN (MD)		SIZE	
DEPTH SET (MD)		PACKER SET (MD)	
2 3/8"		6218'	
---		---	
31. PERFORATION RECORD (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
6198' - 6212' & 6153' - 6157'		DEPTH INTERVAL (MD)	
		AMOUNT AND KIND OF MATERIAL USED	
		6198' - 6212'	
		1653 bbls. water, 2 1/2 J-166 gal.	
		55,000# 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) Shut In	
DATE OF TEST		HOURS TESTED	
7/8/71		3	
CHOKER SIZE		PROD'N. FOR TEST PERIOD	
3/4"		OIL—BBL.	
		GAS—MCF.	
		WATER—BBL.	
		GAS-OIL RATIO	
2353			
FLOW. TUBING PRESS.		CASING PRESSURE	
1104 SI		1292 SI	
CALCULATED 24-HOUR RATE		GAS—MCF.	
2743 CAOF		WATER—BBL.	
		OIL GRAVITY-API (CORR.)	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)		TEST WITNESSED BY	
35. LIST OF ATTACHMENTS		36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records	
Original signed by T. A. Dugan		SIGNED	
TITLE		DATE	
Engineer		7/14/71	

*(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. All attachments should be listed on this form, see item 33.

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			
				Ojo-Alamo	600'		
				Kiptland	710'		
				Fruitland	1405'		
				Pictured Cliffs	1665'		
				Lewis	1896'		
				Chacra	2525'		
				Neefee	3203'		
				Point Lookout	4074'		
				Upper Mancos	4329'		
				Gallup	5177'		
				Sanostee	5678'		
				Lower Mancos	5783'		
				Greenhorn	6037'		
				Graneros	6094'		
				Dakota	6198'		