

6 - USGS, Fmn 1 - McHugh
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY1 - Devon 2 - EPNG
SUBMIT IN DUPLICATE*(See other in-
structions on
reverse side)1 - File
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						5. LEASE DESIGNATION AND SERIAL NO. Contract #98	
3. ADDRESS OF OPERATOR P O Box 208, Farmington, NM 87401						6. IF INDIAN, ALLOTTEE OR TRIBE NAME Jicarilla Apache	
4. LOCATION OF WELL (Report location clearly and in accordance with and State requirements) At surface 1710' FNL - 1120' FEL At top prod. interval reported below At total depth						7. UNIT AGREEMENT NAME	
14. PERMIT NO. DATE ISSUED 3-27-81						8. FARM OR LEASE NAME Apache	
15. DATE SPUDDED 4-23-81						9. WELL NO. #3E	
16. DATE T.D. REACHED 5-12-81						10. FIELD AND POOL, OR WILDCAT Basin Dakota, WH Gallup	
17. DATE COMPL. (Ready to prod.) 9-14-81						11. SEC. T. R., M., OR BLOCK AND SURVEY OR AREA Sec 19 T26N R3W	
18. ELEVATIONS (DF, REB, RT, GR, ETC.)* 7013' G.L.						12. COUNTY OR PARISH Rio Arriba	
19. ELEV. CASINGHEAD						13. STATE NM	
20. TOTAL DEPTH, MD & TVD 8197'		21. PLUG, BACK T.D., MD & TVD 8093'		22. IF MULTIPLE COMPL., HOW MANY* gas-oil commingled		23. INTERVALS DRILLED BY TD	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 7882 - 8074 Dakota 7418 - 7430 Gallup						25. WAS DIRECTIONAL SURVEY MADE NO	
26. TYPE ELECTRIC AND OTHER LOGS RUN IES, CNL, CCL						27. WAS WELL CORED NO	
28. CASING RECORD (Report all strings set in well)							
CASING SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)		HOLE SIZE	
8-5/8"		24#		253' RKB		12-1/4"	
4-1/2"		10.5 & 11.6#		8197' RKB		7-7/8"	
						CEMENTING RECORD	
						170 sx class B 2% CaCl	
						565.5 cu.ft. 1st stage	
						714 cu.ft. 2nd stage	
						AMOUNT PULLED	

29. LINER RECORD							
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT*	
None							
						SCREEN (MD)	
30. TUBING RECORD							
SIZE		DEPTH SET (MD)		PACKER SET (MD)			
1 1/2"		8065' RKB					
31. PERFORATION RECORD (Interval, size and number)							
7882-90, 8014-18, 8025-27, 8054-74 total 20 holes Dakota 7418-30, 1 SPF, 12 holes Gallup							
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.							
DEPTH INTERVAL (MD)				AMOUNT AND KIND OF MATERIAL USED			
7882-8074				500 gal 7 1/2% HCL, 100,000# sand & 85,334 gal Mini Max III-30			
7418-30				250 gal 15% HCL, 59,000# sand, 40,000 gal Mini Max III-30			
33.* PRODUCTION							
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) flowing				WELL STATUS (Producing or shut-in) SI	
DATE OF TEST 10-7-81		HOURS TESTED 3		CHOKE SIZE 1/2" pos.		PROD'N. FOR TEST PERIOD —→	
FLOW. TUBING PRESS. 16		CASING PRESSURE 443		CALCULATED 24-HOUR RATE —→		OIL—BBL. 182 CAOF	
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 by all available records.							
SIGNED Thomas A. Duqan		TITLE Petroleum Engineer		DATE 10-7-81		OCT 14 1981	

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

FARMINGTON DISTRICT

BY

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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.), formations 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

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	38. GEOLOGIC MARKERS		
				NAME	MEAS. DEPTH	TRUE VERT. DEPTH
				Ojo Alamo	3063'	
				Kirtland	3162'	
				Fruitland	3570'	
				Pictures Cliffs	3683'	
				Lewis	3771'	
				Cliff House	5347'	
				Menefee	5472'	
				Pt. Lookout	5830'	
				Mancos	5979'	
				Gallup	6587'	
				Greenhorn	7786'	
				Graneros	7846'	
				Dakota	7875'	