

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY(See other in-
structions on
reverse side)

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 P O Box 208, Farmington, NM 87401							
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1780' FSL - 980' FWL At top prod. interval reported below At total depth							
14. PERMIT NO.				DATE ISSUED 4-20-82			
15. DATE SPUDDED 4-22-82				16. DATE T.D. REACHED 4-30-82		17. DATE COMPL. (Ready to prod.) 5-14-82	
18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 6840' GL 6052 RKB				19. ELEV. CASINGHEAD 6840' GL			
20. TOTAL DEPTH, MD & TVD 5598' RKB		21. PLUG, BACK T.D., MD & TVD 5570'		22. IF MULTIPLE COMPL., HOW MANY* single		23. INTERVALS DRILLED 12-18	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 5178 - 5546' Gallup						25. WAS DIRECTIONAL SURVEY MADE No	
26. TYPE ELECTRIC AND OTHER LOGS RUN Induction-Electric Gamma; Compensated 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	
9-5/8"		36		204' RKB		12-1/4"	
4-1/2"		10.5		5598' RKB		7-7/8"	
						115 sx class B + 2% CaCl	
						175 sx class B + 1st stage	
						450 sx 65-35 & 100 sx	
						class B + 2nd stage	
29. LINER RECORD							
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT*	
None							
30. TUBING RECORD							
SIZE		DEPTH SET (MD)		PACKER SET (MD)			
2-3/8"		5482' RKB					
31. PERFORATION RECORD (Interval, size and number)							
5456-60, 5530-34, 5540-46, 5422-32, 5368-76, 5350-56, 5343-47, 5322-30, 5212-18, 5178-82 Total 46 holes							
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.							
DEPTH INTERVAL (MD)				AMOUNT AND KIND OF MATERIAL USED			
5178-5546				500 gal 15% HCL, 75,000# 20-40 sand, 77072 gals slickwater, 250# FR-2, 85 gal Aquaflo			
33. PRODUCTION							
DATE FIRST PRODUCTION 5-12-82		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing				WELL STATUS (Producing or shut-in) Producing	
DATE OF TEST 5-13-82		HOURS TESTED 24		CHOKE SIZE NA		PROD'N. FOR TEST PERIOD 85	
FLOW. TUBING PRESS. 0		CASING PRESSURE 575 psi		CALCULATED 24-HOUR RATE 85		OIL—BBL. 85	
						GAS—MCF. 75 est.	
						WATER—BBL. 80	
						GAS-OIL RATIO 882	
						OIL GRAVITY-API (CORR.) 40 est.	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vented - approved 9/21/82						TEST WITNESSED BY Jacobs	
35. LIST OF ATTACHMENTS							
36. I hereby certify that the foregoing and attached information is complete and correct as determined from							

SIGNED

Thomas A. Dugan

TITLE

Agent

DATE

5-18-82

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

NMOCG

FARMINGTON
BY E. J. [Signature]

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 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:				38. GEOLOGIC MARKERS		
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.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
				Ojo Alamo	1440'	
				Kirtland	1613	
				Fruitland	1753	
				Pictured Cliffs	1928	
				Lewis	2120	
				Chacra	2430	
				Cliff House	3511	
				Menefee	3677	
				Point Lookout	4246	
				Mancos	4470	
				Gallup	5062	

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 P O Box 208, Farmington, NM 87401	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1780' FSL - 980' FWL At top prod. interval reported below At total depth						5. LEASE DESIGNATION AND SERIAL NO. NM 41720	
6. IF INDIAN, ALLOTTEE OR TRIBE NAME						7. UNIT AGREEMENT NAME	
8. FARM OR LEASE NAME Gallo Red						9. WELL NO. 1	
10. FIELD AND POOL, OR WILDCAT Undesignated Gallup						11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec 14 T23N R6W	
12. COUNTY OR PARISH Rio Arriba						13. STATE NM	
14. PERMIT NO.		DATE ISSUED SEP 30 1982		15. DATE STUDDED		16. DATE T.D. REACHED	
17. DATE COMPL. (Ready to prod.)		18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*		19. ELEV. CASINGHEAD		20. TOTAL DEPTH, MD & TVD	
21. PLUG, BACK T.D., MD & TVD		22. IF MULTIPLE COMPL., HOW MANY*		23. INTERVALS DRILLED BY		24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*	
25. WAS DIRECTIONAL SURVEY MADE		26. TYPE ELECTRIC AND OTHER LOGS RUN		27. WAS WELL CORED		28. CASING RECORD (Report all strings set in well)	
Casing Size		Weight, LB./FT.		Depth Set (MD)		Hole Size	
QUANTITIES OF CEMENT CONVERTED TO CUBIC FEET PER YOUR REQUEST:		9-5/8"		137 cu.ft.		1st stage 243.5 cu.ft.	
4-1/2"				2nd stage 1303 cu.ft.			
29. LINER RECORD		30. TUBING RECORD		31. PERFORATION RECORD (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
SIZE		TOP (MD)		BOTTOM (MD)		DEPTH INTERVAL (MD)	
SACKS CEMENT*		SCREEN (MD)		AMOUNT AND KIND OF MATERIAL USED			
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		HOURS TESTED		CHOKE SIZE		PROD'N. FOR TEST PERIOD	
FLOW. TUBING PRESS.		CASING PRESSURE		CALCULATED 24-HOUR RATE		OIL—BBL.	
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	
SIGNED		Thomas A. Dugan		TITLE		Petroleum Engineer/Agent	
DATE		9-27-82		37. (See instructions and spaces for additional data on reverse side)			

* (See instructions and spaces for additional data on reverse side)