

5 MMS, Aztec
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

1 McHugh 1 File

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 & Assoc.						5. LEASE DESIGNATION AND SERIAL NO. NM 04083	
3. ADDRESS OF OPERATOR P O Box 208, Farmington, NM 87401						6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) At surface 920' FNL - 910' FEL At top prod. interval reported below At total depth						7. UNIT AGREEMENT NAME	
14. PERMIT NO. 107 DATE ISSUED						8. FARM OR LEASE NAME Hill Well	
15. DATE SPUDDED 5-2-82						9. WELL NO. 1	
16. DATE T.D. REACHED 5-8-82						10. FIELD AND POOL, OR WILDCAT Gavilan P.C. Ext	
17. DATE COMPL. (Ready to prod.) 5-24-82						11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA A Sec 16 T25N R2W	
18. ELEVATIONS (DF, REB, ET, GR, ETC.)* 7270' GL						12. COUNTY OR PARISH Rio Arriba	
19. ELEV. CASINGHEAD 7270' GL						13. STATE NM	
20. TOTAL DEPTH, MD & TVD 3620' GL						21. PLUG BACK T.D., MD & TVD 3583'	
22. IF MULTIPLE COMPL., HOW MANY* single						23. INTERVALS DRILLED BY TD	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 3504 - 3576', Pictured Cliffs						25. WAS DIRECTIONAL SURVEY MADE No	
26. TYPE ELECTRIC AND OTHER LOGS RUN IES, CDL, GR-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	
7"		23		98' GL		11"	
4 1/2"		10.5		3620'		6 1/4"	
*Cement to surface							
CEMENTING RECORD		AMOUNT PULLED					
60 sx class B + 2% CaCl*		---					
100 sx 65-35 pos + 12% gel							
w/ 1/4# cello flake/sk followed by 75 sx							
class B w/ 12 1/2# gilsonite/sk & 1/4# cello flk*							
29. LINER RECORD							
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT*	
None							
30. TUBING RECORD							
SIZE		DEPTH SET (MD)		PACKER SET (MD)			
1 1/4"		3482' GL					
31. PERFORATION RECORD (Interval, size and number)							
3504-09, 3511-16, 3562-76, total of 23 holes 3-1/8"							
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.							
DEPTH INTERVAL (MD)				AMOUNT AND KIND OF MATERIAL USED			
3504-76				302 bbl water; 403,632 scf N ₂ , 77 gals soap; 50,000# 10-20 mesh sand			
33. PRODUCTION							
DATE FIRST PRODUCTION 5/24/82		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) flowing				WELL STATUS (Producing or shut-in) SI	
DATE OF TEST 6-2-82		HOURS TESTED 3 hrs		CHOKE SIZE 9/16"		PROD'N. FOR TEST PERIOD ---	
FLOW. TUBING PRESS. 9 psi		CASING PRESSURE 287 psi		CALCULATED 24-HOUR RATE ---		OIL—BBL. ---	
						GAS—MCF./day 156	
						WATER—BBL. none	
						OIL GRAVITY-API (CORR.)	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vented during test, to be sold							
35. LIST OF ATTACHMENTS							
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records							

ACCEPTED FOR RECORD

SIGNED

Jim L. Jacobs

TITLE

Agent

DATE

6-3-82

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

NMOCC

FARMINGTON DISTRICT
BY E. B. B. B.

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: 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	TRUE VERT. DEPTH
				Ojo Alamo Kirtland Fruitland Pictured Cliffs	3235' 3339' 3397' 3498'	