

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 _____		5. LEASE DESIGNATION AND SERIAL NO. NM 41721																																					
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other _____		6. IF INDIAN, ALLOTTEE OR TRIBE NAME																																					
2. NAME OF OPERATOR JEROME P. McHUGH		7. UNIT AGREEMENT NAME																																					
3. ADDRESS OF OPERATOR P O Box 208, Farmington, NM 87401		8. FARM OR LEASE NAME Gallo White																																					
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) At surface 2000' FSL - 1660' FEL At top prod. interval reported below At total depth		9. WELL NO. 1																																					
14. PERMIT NO. _____ DATE ISSUED 4-20-82		10. FIELD AND POOL, OR WILDCAT Undesignated Gallup																																					
15. DATE SPUDDED 5-2-82		11. SEC. T. R. M., OR BLOCK AND SURVEY OR AREA Sec 14 T23N R6W																																					
16. DATE T.D. REACHED 5-11-82		12. COUNTY OR PARISH Rio Arriba																																					
17. DATE COMPL. (Ready to prod.) 5-22-82		13. STATE NM																																					
18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 6809' GL		19. ELEV. CASINGHEAD 6809' GL																																					
20. TOTAL DEPTH, MD & TVD 5566' RKB		21. PLUG, BACK T.D., MD & TVD 5537'																																					
22. IF MULTIPLE COMPL., HOW MANY* single		23. INTERVALS DRILLED BY TO																																					
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 5194-5524, Gallup		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)																																							
<table border="1"><thead><tr><th>CASING SIZE</th><th>WEIGHT, LB./FT.</th><th>DEPTH SET (MD)</th><th>HOLE SIZE</th><th>CEMENTING RECORD</th><th>AMOUNT PULLED</th></tr></thead><tbody><tr><td>9-5/8"</td><td>47#</td><td>202' RKB</td><td>12-1/4"</td><td>150 sx class B + 2% CaCl</td><td>---</td></tr><tr><td>4-1/2"</td><td>10.5#</td><td>5566' RKB</td><td>7-7/8"</td><td>50 sx class B + 8% gel & 1/4# cello flake/sk fol. by 125 sx class B + 1/4# cello flake/sk fol. by 100 sx class B + 1/4# cello</td><td>---</td></tr><tr><td colspan="6">29. flake/sk 2nd stage LINER RECORD</td></tr><tr><td>SIZE</td><td>TOP (MD)</td><td>BOTTOM (MD)</td><td>SACKS CEMENT*</td><td>SCREEN (MD)</td><td></td></tr><tr><td>None</td><td></td><td></td><td></td><td></td><td></td></tr></tbody></table>				CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED	9-5/8"	47#	202' RKB	12-1/4"	150 sx class B + 2% CaCl	---	4-1/2"	10.5#	5566' RKB	7-7/8"	50 sx class B + 8% gel & 1/4# cello flake/sk fol. by 125 sx class B + 1/4# cello flake/sk fol. by 100 sx class B + 1/4# cello	---	29. flake/sk 2nd stage LINER RECORD						SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)		None					
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SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)																																			
None																																							
30. TUBING RECORD																																							
SIZE	DEPTH SET (MD)	PACKER SET (MD)																																					
2-3/8"	5440' RKB	none																																					
31. PERFORATION RECORD (Interval, size and number)																																							
5194-5202, 4 holes; 5302-12, 10 holes; 5400-10, 5 holes; 5434-50, 16 holes; 5474-82, 4 holes; 5508-24, 3 holes; 5516-24, 4 holes 5214-24, 10 holes out of zone Total 56 holes																																							
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.																																							
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED																																					
5194-5524		75,000# 20-40 sd, 67,858 gal slickwater; 500 gal 15% HCL																																					
33. PRODUCTION																																							
DATE FIRST PRODUCTION 5-19-82		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) swabbing																																					
WELL STATUS (Producing or shut-in) Shut In																																							
DATE OF TEST 5-22-82	HOURS TESTED 8	CHOKE SIZE ---	PROD'N. FOR TEST PERIOD →																																				
OIL—BBL. 20	GAS—MCF. 35 est.	WATER—BBL. 8 water	GAS-OIL RATIO 1750 est.																																				
FLOW. TUBING PRESS. 0	CASING PRESSURE 600	CALCULATED 24-HOUR RATE →	OIL—BBL. 60																																				
GAS—MCF. 105	WATER—BBL. 24 frac wtr.	OIL GRAVITY-API (CORR.) 40 est.																																					
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vented - approved 9/21/82																																							
TEST WITNESSED BY F. L. Crane																																							
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 Agent																																					
DATE 5-25-82		DATE 5-25-82																																					

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

NMOC

FARMINGTON
BY *[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: 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
				Surface San Jose		
				Nacimienta	690'	
				Ojo Alamo	1434	
				Kirtland	1530	
				Fruitland	1850	
				Pictured Cliffs	1969	
				Lewis	2095	
				Chacra	2803	
				Cliff house	3512	
				Menefee	3626	
				Point Lookout	4217	
				Mancos Shale	4490	
				Gallup	4840	

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

Form approved,
Budget Bureau No. 42-R355.6.

5. LEASE DESIGNATION AND SERIAL NO.

NM 41721

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Gallo White

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

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 2000' FSL - 1660' FEL

At top prod. interval reported below

ADDENDUM TO REPORT SUBMITTED 5-25-82

14. PERMIT NO.

U. S. GEOLOGICAL SURVEY

FARMINGTON, N.M.

DATE ISSUED

15. DATE SPUN

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 BY24. WAS DIRECTIONAL
SURVEY MADE

25. WAS WELL CORED

26. TYPE ELECTRIC AND OTHER LOGS RUN

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
QUANTITIES OF CEMENT CONVERTED TO CUBIC FEET PER YOUR REQUEST:					
9-5/8"				177 cu. ft.	
4-1/2"				1st stage 243.5 cu. ft.	
				2nd stage 1303 cu. ft.	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)

31. PERFORATION RECORD (Interval, size and number)

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (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	CHORE SIZE	PROD'N. FOR TEST PERIOD →	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE →	OIL—BBL.	GAS—MCF.	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

SIGNED

Thomas A. McHugh

TITLE Petroleum Engineer/Agent

DATE 9-27-82

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