

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 <input checked="" type="checkbox"/> | GAS WELL <input type="checkbox"/>     | DRY <input type="checkbox"/>                | Other _____                           |
| b. TYPE OF COMPLETION:                                                                                                                                                                    |  | NEW WELL <input type="checkbox"/>            | WORK OVER <input type="checkbox"/>    | DEEP-EN <input type="checkbox"/>            | PLUG BACK <input type="checkbox"/>    |
|                                                                                                                                                                                           |  |                                              | DIFF. RESVR. <input type="checkbox"/> | Other                                       | Re-Entry                              |
| 2. NAME OF OPERATOR<br>Jerome P. McHugh                                                                                                                                                   |  |                                              |                                       |                                             |                                       |
| 3. ADDRESS OF OPERATOR<br>Box 234, Farmington, New Mexico 87401                                                                                                                           |  |                                              |                                       |                                             |                                       |
| 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*<br>At surface 790' FSL - 1850' FEL<br>At top prod. interval reported below<br>At total depth |  |                                              |                                       |                                             |                                       |
| 10. FIELD AND POOL, OR WILDCAT<br>Gallegos Gallup                                                                                                                                         |  |                                              |                                       |                                             |                                       |
| 11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA<br>Sec. 2, T26N, R12W                                                                                                                   |  |                                              |                                       |                                             |                                       |
| 12. COUNTY OR PARISH<br>San Juan                                                                                                                                                          |  |                                              |                                       |                                             |                                       |
| 13. STATE<br>N.M.                                                                                                                                                                         |  |                                              |                                       |                                             |                                       |
| 14. PERMIT NO. _____ DATE ISSUED _____                                                                                                                                                    |  |                                              |                                       |                                             |                                       |
| 15. DATE <del>SPUN IN</del><br>Re-entered<br>6-28-73                                                                                                                                      |  | 16. DATE T.D. REACHED<br>7-9-73              |                                       | 17. DATE COMPL. (Ready to prod.)<br>7-16-73 |                                       |
| 18. ELEVATIONS (DF, REB, ST, GR, ETC.)*<br>5900' GR                                                                                                                                       |  | 19. ELEV. CASINGHEAD                         |                                       |                                             |                                       |
| 20. TOTAL DEPTH, MD & TVD<br>5160'                                                                                                                                                        |  | 21. PLUG, BACK T.D., MD & TVD<br>5120'       |                                       | 22. IF MULTIPLE COMPL., HOW MANY*<br>Single |                                       |
| 23. INTERVALS DRILLED BY<br>→                                                                                                                                                             |  | ROTARY TOOLS<br>0-5120'                      |                                       | CABLE TOOLS                                 |                                       |
| 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*<br>4840-5081' Gallup                                                                                        |  |                                              |                                       |                                             | 25. WAS DIRECTIONAL SURVEY MADE<br>No |
| 26. TYPE ELECTRIC AND OTHER LOGS RUN<br>Gamma Ray                                                                                                                                         |  |                                              |                                       |                                             | 27. WAS WELL CORED<br>No              |

| 28. CASING RECORD (Report all strings set in well)          |                 |                |           |                  |               |
|-------------------------------------------------------------|-----------------|----------------|-----------|------------------|---------------|
| CASING SIZE                                                 | WEIGHT, LB./FT. | DEPTH SET (MD) | HOLE SIZE | CEMENTING RECORD | AMOUNT PULLED |
| 10-3/4"                                                     | 32.75#          | 426'           | 15"       | 400 sx           | None          |
| 5-1/2"                                                      | 15.5#           | 5159'          | 7-7/8"    | 250 sx           | None          |
| NOTE: See Sundry Notice for details of 5-1/2" casing patch. |                 |                |           |                  |               |

| 29. LINER RECORD |          |             |               |             | 30. TUBING RECORD |                |                 |
|------------------|----------|-------------|---------------|-------------|-------------------|----------------|-----------------|
| SIZE             | TOP (MD) | BOTTOM (MD) | SACKS CEMENT* | SCREEN (MD) | SIZE              | DEPTH SET (MD) | PACKER SET (MD) |
|                  | None     |             |               |             | 2-3/8"            | 5055'          | 4741'           |

|                                                    |  |                                                |                                   |
|----------------------------------------------------|--|------------------------------------------------|-----------------------------------|
| 31. PERFORATION RECORD (Interval, size and number) |  | 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. |                                   |
| Old Perf 5066-5081'                                |  | DEPTH INTERVAL (MD)                            | AMOUNT AND KIND OF MATERIAL USED  |
| New Perf 4960-66'                                  |  | 4850-5081'                                     | 800 bbls Mini-Max fluid           |
| 4942-52'                                           |  |                                                |                                   |
| 4840-50'                                           |  |                                                | 30,000 lbs 10 20 sd               |
|                                                    |  |                                                | Ave IR 16 B/M, Ave Press 2700 psi |

| 33. PRODUCTION                                                       |                           |                                                                                  |                              |                 |                  |                                               |                       |
|----------------------------------------------------------------------|---------------------------|----------------------------------------------------------------------------------|------------------------------|-----------------|------------------|-----------------------------------------------|-----------------------|
| DATE FIRST PRODUCTION<br>7-21-73                                     |                           | PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)<br>Swabbing |                              |                 |                  | WELL STATUS (Producing or shut-in)<br>Shut-in |                       |
| DATE OF TEST<br>7-21-73                                              | HOURS TESTED<br>6         | CHOKE SIZE<br>None                                                               | PROD'N. FOR TEST PERIOD<br>→ | OIL—BBL.<br>36  | GAS—MCF.<br>60   | WATER—BBL.<br>5                               | GAS-OIL RATIO<br>1667 |
| FLOW, TUBING PRESS.<br>None                                          | CASING PRESSURE<br>Packer | CALCULATED 24-HOUR RATE<br>→                                                     | OIL—BBL.<br>144              | GAS—MCF.<br>240 | WATER—BBL.<br>20 | OIL GRAVITY-API (CORR.)<br>40                 |                       |
| 34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)<br>Vented |                           |                                                                                  |                              |                 |                  | 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<br>Original signed by T. A. Dugan<br>Thomas A. Dugan                                                                       | TITLE<br>Engineering<br>DATE<br>8-8-73 |

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