

Distribution: 0+6 (BLM); 1-Land; 1-Accounting; 1-Well File  
Form 3100-4  
(July 1972)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE\*

(See other instructions on reverse side)

FORM APPROVED  
OMB NO. 1004-0137  
Expires: February 28, 1995

WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

|                                                                                                                                              |  |                                                                      |  |                                                                         |  |                                                                                                                                                                                                        |  |                                                       |  |                                      |  |                                        |  |                                                 |  |                                  |  |                                                               |  |                                                                             |  |                                                                                                                                |  |                                       |  |                                                                       |  |                          |  |
|----------------------------------------------------------------------------------------------------------------------------------------------|--|----------------------------------------------------------------------|--|-------------------------------------------------------------------------|--|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-------------------------------------------------------|--|--------------------------------------|--|----------------------------------------|--|-------------------------------------------------|--|----------------------------------|--|---------------------------------------------------------------|--|-----------------------------------------------------------------------------|--|--------------------------------------------------------------------------------------------------------------------------------|--|---------------------------------------|--|-----------------------------------------------------------------------|--|--------------------------|--|
| 1a. TYPE OF WELL:<br>OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> DRY <input type="checkbox"/> Other _____ |  | 2. NAME OF OPERATOR<br>Merrion Oil & Gas Corporation (014634)        |  | 3. ADDRESS AND TELEPHONE NO.<br>610 Reilly Avenue, Farmington, NM 87401 |  | 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)<br>At surface 1095' FSL & 679' FEL (SE SE)<br>At top prod. interval reported below<br>At total depth _____ |  | 5. LEASE DESIGNATION AND SERIAL NO.<br>NO-G-9904-1348 |  | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME |  | 7. UNIT AGREEMENT NAME                 |  | 8. FARM OR LEASE NAME, WELL NO.<br>MONROE No. 1 |  | 9. API WELL NO.<br>30-045-30387  |  | 10. FIELD AND POOL, OR WILDCAT<br>Gallegos S. Fruitland Sd/PC |  | 11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA<br>Section 19, T26N, R11W |  | 12. COUNTY OR PARISH<br>San Juan                                                                                               |  | 13. STATE<br>New Mexico               |  |                                                                       |  |                          |  |
| 15. DATE SPUNDED<br>11/23/01                                                                                                                 |  | 16. DATE T.D. REACHED<br>11/28/01                                    |  | 17. DATE COMPL. (Ready to prod.)<br>12/20/01                            |  | 18. ELEVATIONS (OF, RKB, ET, GR, ETC.) *<br>6083' GR                                                                                                                                                   |  | 19. ELEV. CASING HEAD                                 |  | 20. TOTAL DEPTH, MD & TVD<br>1500'   |  | 21. PLUG, BACK T.D., MD & TVD<br>1437' |  | 22. IF MULTIPLE COMPL., HOW MANY *              |  | 23. INTERVALS DRILLED BY<br>0-TD |  | 24. ROTARY TOOLS<br>---                                       |  | 25. CABLE TOOLS<br>---                                                      |  | 26. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD) *<br>Pictured Cliffs: 1252'-1260' and 1278'-1282' |  | 27. WAS DIRECTIONAL SURVEY MADE<br>No |  | 28. TYPE ELECTRIC AND OTHER LOGS RUN<br>Ind/Den/Neutron/GR and GR/CCL |  | 29. WAS WELL CORED<br>No |  |
| 29. CASING RECORD (Report all strings set in well)                                                                                           |  |                                                                      |  |                                                                         |  |                                                                                                                                                                                                        |  |                                                       |  |                                      |  |                                        |  |                                                 |  |                                  |  |                                                               |  |                                                                             |  |                                                                                                                                |  |                                       |  |                                                                       |  |                          |  |
| CASING SIZE/GRADE                                                                                                                            |  | WEIGHT, LB./FT.                                                      |  | DEPTH SET (MD)                                                          |  | HOLE SIZE                                                                                                                                                                                              |  | TOP OF CEMENT, CEMENTING RECORD                       |  | AMOUNT PULLED                        |  |                                        |  |                                                 |  |                                  |  |                                                               |  |                                                                             |  |                                                                                                                                |  |                                       |  |                                                                       |  |                          |  |
| 7"                                                                                                                                           |  | 23#                                                                  |  | 128' KB                                                                 |  | 8-3/4"                                                                                                                                                                                                 |  | 75 sxs (86 cu.ft.)                                    |  |                                      |  |                                        |  |                                                 |  |                                  |  |                                                               |  |                                                                             |  |                                                                                                                                |  |                                       |  |                                                                       |  |                          |  |
| 4-1/2"                                                                                                                                       |  | 11.6#                                                                |  | 1480' KB                                                                |  | 6-1/4"                                                                                                                                                                                                 |  | 200 sxs (345 cu.ft.)                                  |  |                                      |  |                                        |  |                                                 |  |                                  |  |                                                               |  |                                                                             |  |                                                                                                                                |  |                                       |  |                                                                       |  |                          |  |
| 30. LINER RECORD                                                                                                                             |  |                                                                      |  |                                                                         |  |                                                                                                                                                                                                        |  |                                                       |  |                                      |  |                                        |  |                                                 |  |                                  |  |                                                               |  |                                                                             |  |                                                                                                                                |  |                                       |  |                                                                       |  |                          |  |
| SIZE                                                                                                                                         |  | TOP (MD)                                                             |  | BOTTOM (MD)                                                             |  | SACKS CEMENT *                                                                                                                                                                                         |  | SCREEN (MD)                                           |  | 31. TUBING RECORD                    |  |                                        |  |                                                 |  |                                  |  |                                                               |  |                                                                             |  |                                                                                                                                |  |                                       |  |                                                                       |  |                          |  |
| ---                                                                                                                                          |  | ---                                                                  |  | ---                                                                     |  | ---                                                                                                                                                                                                    |  | ---                                                   |  | SIZE                                 |  | DEPTH SET (MD)                         |  | PACKER SET (MD)                                 |  |                                  |  |                                                               |  |                                                                             |  |                                                                                                                                |  |                                       |  |                                                                       |  |                          |  |
| ---                                                                                                                                          |  | ---                                                                  |  | ---                                                                     |  | ---                                                                                                                                                                                                    |  | ---                                                   |  | 2-3/8"                               |  | 1310' KB                               |  | ---                                             |  |                                  |  |                                                               |  |                                                                             |  |                                                                                                                                |  |                                       |  |                                                                       |  |                          |  |
| 32. PERFORATION RECORD (Interval, size and number)                                                                                           |  |                                                                      |  |                                                                         |  |                                                                                                                                                                                                        |  |                                                       |  |                                      |  |                                        |  |                                                 |  |                                  |  |                                                               |  |                                                                             |  |                                                                                                                                |  |                                       |  |                                                                       |  |                          |  |
| Pictured Cliffs:<br>1252'-1260' and 1278'-1282'<br>(3 spf - total of 36 holes)                                                               |  |                                                                      |  |                                                                         |  |                                                                                                                                                                                                        |  |                                                       |  |                                      |  |                                        |  |                                                 |  |                                  |  |                                                               |  |                                                                             |  |                                                                                                                                |  |                                       |  |                                                                       |  |                          |  |
| 33. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.                                                                                               |  |                                                                      |  |                                                                         |  |                                                                                                                                                                                                        |  |                                                       |  |                                      |  |                                        |  |                                                 |  |                                  |  |                                                               |  |                                                                             |  |                                                                                                                                |  |                                       |  |                                                                       |  |                          |  |
| DEPTH INTERVAL (MD)                                                                                                                          |  |                                                                      |  |                                                                         |  |                                                                                                                                                                                                        |  |                                                       |  |                                      |  |                                        |  |                                                 |  |                                  |  |                                                               |  |                                                                             |  |                                                                                                                                |  |                                       |  |                                                                       |  |                          |  |
| 1252'-1282'                                                                                                                                  |  |                                                                      |  |                                                                         |  |                                                                                                                                                                                                        |  |                                                       |  |                                      |  |                                        |  |                                                 |  |                                  |  |                                                               |  |                                                                             |  |                                                                                                                                |  |                                       |  |                                                                       |  |                          |  |
| AMOUNT AND KIND OF MATERIAL USED                                                                                                             |  |                                                                      |  |                                                                         |  |                                                                                                                                                                                                        |  |                                                       |  |                                      |  |                                        |  |                                                 |  |                                  |  |                                                               |  |                                                                             |  |                                                                                                                                |  |                                       |  |                                                                       |  |                          |  |
| Pumped 10,300 gal 20# x-link gel                                                                                                             |  |                                                                      |  |                                                                         |  |                                                                                                                                                                                                        |  |                                                       |  |                                      |  |                                        |  |                                                 |  |                                  |  |                                                               |  |                                                                             |  |                                                                                                                                |  |                                       |  |                                                                       |  |                          |  |
| pad. Frac well with 60,580# of 20/40                                                                                                         |  |                                                                      |  |                                                                         |  |                                                                                                                                                                                                        |  |                                                       |  |                                      |  |                                        |  |                                                 |  |                                  |  |                                                               |  |                                                                             |  |                                                                                                                                |  |                                       |  |                                                                       |  |                          |  |
| Brady sand in 20# x-link gel                                                                                                                 |  |                                                                      |  |                                                                         |  |                                                                                                                                                                                                        |  |                                                       |  |                                      |  |                                        |  |                                                 |  |                                  |  |                                                               |  |                                                                             |  |                                                                                                                                |  |                                       |  |                                                                       |  |                          |  |
| (Delta 140 Fluid).                                                                                                                           |  |                                                                      |  |                                                                         |  |                                                                                                                                                                                                        |  |                                                       |  |                                      |  |                                        |  |                                                 |  |                                  |  |                                                               |  |                                                                             |  |                                                                                                                                |  |                                       |  |                                                                       |  |                          |  |
| 34. PRODUCTION                                                                                                                               |  |                                                                      |  |                                                                         |  |                                                                                                                                                                                                        |  |                                                       |  |                                      |  |                                        |  |                                                 |  |                                  |  |                                                               |  |                                                                             |  |                                                                                                                                |  |                                       |  |                                                                       |  |                          |  |
| DATE FIRST PRODUCTION                                                                                                                        |  | PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) |  | WELL STATUS (Producing or shut-in)                                      |  |                                                                                                                                                                                                        |  |                                                       |  |                                      |  |                                        |  |                                                 |  |                                  |  |                                                               |  |                                                                             |  |                                                                                                                                |  |                                       |  |                                                                       |  |                          |  |
| 12-22-01                                                                                                                                     |  | Pumping                                                              |  | Producing                                                               |  |                                                                                                                                                                                                        |  |                                                       |  |                                      |  |                                        |  |                                                 |  |                                  |  |                                                               |  |                                                                             |  |                                                                                                                                |  |                                       |  |                                                                       |  |                          |  |
| DATE OF TEST                                                                                                                                 |  | HOURS TESTED                                                         |  | CHOKE SIZE                                                              |  | PROD'N. FOR TEST PERIOD                                                                                                                                                                                |  | OIL—BBL.                                              |  | GAS—MCF.                             |  | WATER—BBL.                             |  | GAS-OIL RATIO                                   |  |                                  |  |                                                               |  |                                                                             |  |                                                                                                                                |  |                                       |  |                                                                       |  |                          |  |
| 12-29-01                                                                                                                                     |  | 24                                                                   |  | ---                                                                     |  | ---                                                                                                                                                                                                    |  | 0                                                     |  | 147                                  |  | 150                                    |  | ---                                             |  |                                  |  |                                                               |  |                                                                             |  |                                                                                                                                |  |                                       |  |                                                                       |  |                          |  |
| FLOW, TUBING PRESS.                                                                                                                          |  | CASING PRESSURE                                                      |  | CALCULATED 24-HOUR RATE                                                 |  | OIL—BBL.                                                                                                                                                                                               |  | GAS—MCF.                                              |  | WATER—BBL.                           |  | OIL GRAVITY-API (CORR.)                |  |                                                 |  |                                  |  |                                                               |  |                                                                             |  |                                                                                                                                |  |                                       |  |                                                                       |  |                          |  |
| 0                                                                                                                                            |  | 20                                                                   |  | ---                                                                     |  | 0                                                                                                                                                                                                      |  | 147                                                   |  | 150                                  |  | ---                                    |  |                                                 |  |                                  |  |                                                               |  |                                                                             |  |                                                                                                                                |  |                                       |  |                                                                       |  |                          |  |
| 35. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)                                                                                   |  |                                                                      |  |                                                                         |  |                                                                                                                                                                                                        |  |                                                       |  |                                      |  |                                        |  |                                                 |  |                                  |  |                                                               |  |                                                                             |  |                                                                                                                                |  |                                       |  |                                                                       |  |                          |  |
| Vented                                                                                                                                       |  |                                                                      |  |                                                                         |  |                                                                                                                                                                                                        |  |                                                       |  |                                      |  |                                        |  |                                                 |  |                                  |  |                                                               |  |                                                                             |  |                                                                                                                                |  |                                       |  |                                                                       |  |                          |  |
| 36. LIST OF ATTACHMENTS                                                                                                                      |  |                                                                      |  |                                                                         |  |                                                                                                                                                                                                        |  |                                                       |  |                                      |  |                                        |  |                                                 |  |                                  |  |                                                               |  |                                                                             |  |                                                                                                                                |  |                                       |  |                                                                       |  |                          |  |
| 37. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records            |  |                                                                      |  |                                                                         |  |                                                                                                                                                                                                        |  |                                                       |  |                                      |  |                                        |  |                                                 |  |                                  |  |                                                               |  |                                                                             |  |                                                                                                                                |  |                                       |  |                                                                       |  |                          |  |
| SIGNED                                                                                                                                       |  | T. Greg Merrion                                                      |  | TITLE                                                                   |  | President                                                                                                                                                                                              |  | DATE                                                  |  | 12/31/01                             |  |                                        |  |                                                 |  |                                  |  |                                                               |  |                                                                             |  |                                                                                                                                |  |                                       |  |                                                                       |  |                          |  |

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

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

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. | NAME            | TOP         |                  |
|-----------|-----|--------|-----------------------------|-----------------|-------------|------------------|
|           |     |        |                             |                 | MEAS. DEPTH | TRUE VERT. DEPTH |
|           |     |        |                             | Ojo Alamo       | 270'        |                  |
|           |     |        |                             | Kirtland Shale  | 430'        |                  |
|           |     |        |                             | Fruitland       | 980'        |                  |
|           |     |        |                             | Main Coal       | 1232'       |                  |
|           |     |        |                             | Pictured Cliffs | 1252'       |                  |

38. GEOLOGIC MARKERS