

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE\*

(See other instructions on reverse side)

Form approved.  
Budget Bureau No. 43-R385.4

## WELL COMPLETION OR RECOMPLETION REPORT

|                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |                                                                                                                                                                                                                                                    |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| 1. TYPE OF WELL:<br>OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> Other <input type="checkbox"/>                                                                                                                                                                                                                                                                         |  | 2. TYPE OF COMPLETION:<br>NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP-EN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> SURF. REPAIR <input type="checkbox"/> Other <input type="checkbox"/> |  |
| 3. NAME OF OPERATOR<br>Merrion Oil & Gas Corporation                                                                                                                                                                                                                                                                                                                                                                                   |  |                                                                                                                                                                                                                                                    |  |
| 4. ADDRESS OF OPERATOR<br>P. O. Box 1017, Farmington, New Mexico 87499                                                                                                                                                                                                                                                                                                                                                                 |  |                                                                                                                                                                                                                                                    |  |
| 5. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)<br>At surface 1850' FSL and 2150' FWE<br>At top prod. interval reported below Same<br>At total depth Same                                                                                                                                                                                                                                  |  |                                                                                                                                                                                                                                                    |  |
| 6. NAME OF LAND MANAGEMENT AGENCY<br>BUREAU OF LAND MANAGEMENT<br>FARMINGTON RESOURCE AREA                                                                                                                                                                                                                                                                                                                                             |  |                                                                                                                                                                                                                                                    |  |
| 7. LEASE DESIGNATION AND SERIAL NO.<br>SF 078877                                                                                                                                                                                                                                                                                                                                                                                       |  | 8. IF INDIAN, ALLOTTEE OR TRIBE NAME<br>Canyon Largo Unit                                                                                                                                                                                          |  |
| 9. FARM OR LEASE NAME<br>Canyon Largo Unit                                                                                                                                                                                                                                                                                                                                                                                             |  | 10. FIELD AND POOL OR WILDCAT<br>Devils Fork Gallup                                                                                                                                                                                                |  |
| 11. SEC. T. R. M. OR BLOCK AND SURVEY<br>Sec. 14 T24N R6W                                                                                                                                                                                                                                                                                                                                                                              |  | 12. COUNTY OR PARISH<br>Rio Arriba                                                                                                                                                                                                                 |  |
| 13. STATE<br>New Mexico                                                                                                                                                                                                                                                                                                                                                                                                                |  | 14. ELEV. CASINGHEAD<br>6409'                                                                                                                                                                                                                      |  |
| 15. DATE SPUDDED<br>9/25/83                                                                                                                                                                                                                                                                                                                                                                                                            |  | 16. DATE T.D. REACHED<br>10/2/83                                                                                                                                                                                                                   |  |
| 17. DATE COMPL. (Ready to prod.)<br>11/19/83                                                                                                                                                                                                                                                                                                                                                                                           |  | 18. ELEVATIONS (DV, RER, RT, CR, ETC.)<br>6422' KH                                                                                                                                                                                                 |  |
| 19. TOTAL DEPTH, MD & TVD<br>5704' KB                                                                                                                                                                                                                                                                                                                                                                                                  |  | 20. PLUG BACK T.D., MD & TVD<br>5654' KB                                                                                                                                                                                                           |  |
| 21. IF MULTIPLE COMPL., HOW MANY?<br>2                                                                                                                                                                                                                                                                                                                                                                                                 |  | 22. INTERVALS DRILLED BY<br>ROTARY TOOLS<br>CABLE TOOLS                                                                                                                                                                                            |  |
| 23. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*<br>5546 - 5610' KB, Gallup<br>5346 - 5444' KB, Gallup                                                                                                                                                                                                                                                                                                    |  |                                                                                                                                                                                                                                                    |  |
| 24. TYPE ELECTRIC AND OTHER LOGS RUN<br>IES Induction and Compensated Density                                                                                                                                                                                                                                                                                                                                                          |  |                                                                                                                                                                                                                                                    |  |
| 25. WAS DIRECTIONAL SURVEY MADE<br>No                                                                                                                                                                                                                                                                                                                                                                                                  |  |                                                                                                                                                                                                                                                    |  |
| 26. WAS WELL CORED<br>No                                                                                                                                                                                                                                                                                                                                                                                                               |  |                                                                                                                                                                                                                                                    |  |
| 27. CEMENTING RECORD                                                                                                                                                                                                                                                                                                                                                                                                                   |  |                                                                                                                                                                                                                                                    |  |
| 28. LINER RECORD                                                                                                                                                                                                                                                                                                                                                                                                                       |  |                                                                                                                                                                                                                                                    |  |
| 29. TUBING RECORD                                                                                                                                                                                                                                                                                                                                                                                                                      |  |                                                                                                                                                                                                                                                    |  |
| 30. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.                                                                                                                                                                                                                                                                                                                                                                                         |  |                                                                                                                                                                                                                                                    |  |
| 31. PERFORATION RECORD (Interval, size and number)<br>5546 - 66' KB, 11 holes; 5585 - 86' KB, 2 holes; 5609 - 10' KB, 2 holes; 5346, 5356, 5358, 5373, 5375, 5377, 5409, 5411, 5413, 5427, 5429, 5431, 5433, 5435, 5444, 15 holes                                                                                                                                                                                                      |  |                                                                                                                                                                                                                                                    |  |
| 32. PRODUCTION<br>DATE FIRST PRODUCTION 11/19/83<br>PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing<br>DATE OF TEST 11/19/83<br>HOURS TESTED 24<br>CHOKE SIZE 3/4"<br>PROD'N. FOR TEST PERIOD 88<br>OIL—BSL. 88<br>GAS—MCF. 415<br>WATER—BSL. 0<br>OIL GRAVITY—API (CORR.) 45<br>FLOW. TUBING NO. 125<br>CASING PRESSURE 300<br>CALCULATED 24-HOUR RATE 88<br>OIL—BSL. 88<br>GAS—MCF. 415<br>WATER—BSL. 0 |  |                                                                                                                                                                                                                                                    |  |
| 33. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)<br>To be sold                                                                                                                                                                                                                                                                                                                                                               |  |                                                                                                                                                                                                                                                    |  |
| 34. LIST OF ATTACHMENTS                                                                                                                                                                                                                                                                                                                                                                                                                |  |                                                                                                                                                                                                                                                    |  |
| 35. I hereby certify that the foregoing and attached information is complete and correct as determined from all available data.                                                                                                                                                                                                                                                                                                        |  |                                                                                                                                                                                                                                                    |  |
| SIGNED                                                                                                                                                                                                                                                                                                                                              |  | TITLE Operations Manager                                                                                                                                                                                                                           |  |

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

FARMINGTON RESOURCE AREA

BY

NOV 29 1983

# 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 83, 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 of 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 83. 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.)

(See instructions and spaces for Additional Data on Reverse Side)

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NOV 3 1983  
OIL CON. DIV.  
DIST. 3

| 27. SUMMARY OF POROUS ZONES:<br>SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF: CORED INTERVALS, AND ALL SHALLOWS, TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES. |      | 28. GEOLOGIC MARKERS |                 | 29. WELL COMPLETION OR RECOMPLETION REPORT AND LOG |                 |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------------|-----------------|----------------------------------------------------|-----------------|
| FORMATION                                                                                                                                                                                                                                          | TOP  | BOTTOM               | NAME            | MEAS. DEPTH                                        | WELL TEST DEPTH |
| Gallup                                                                                                                                                                                                                                             | 5346 | 5586                 | Ojo Alamo       | 1610                                               |                 |
|                                                                                                                                                                                                                                                    |      |                      | Kirtland        | 1667                                               |                 |
|                                                                                                                                                                                                                                                    |      |                      | Fruitland       | 1992                                               |                 |
|                                                                                                                                                                                                                                                    |      |                      | Pictured Cliffs | 2045                                               |                 |
|                                                                                                                                                                                                                                                    |      |                      | Lewis           | 2150                                               |                 |
|                                                                                                                                                                                                                                                    |      |                      | Chacra          | 2850                                               |                 |
|                                                                                                                                                                                                                                                    |      |                      | Cliffhouse      | 3580                                               |                 |
|                                                                                                                                                                                                                                                    |      |                      | Menefee         | 3650                                               |                 |
|                                                                                                                                                                                                                                                    |      |                      | Pt. Lockout     | 4218                                               |                 |
|                                                                                                                                                                                                                                                    |      |                      | Mancos          | 4460                                               |                 |
|                                                                                                                                                                                                                                                    |      |                      | Gallup          | 5343                                               |                 |

  

| 23. DATE FIRST PRODUCTION |              | 24. PRODUCTION METHOD (Flowing, See Note, Back of Form) |              | 25. PRODUCTION RECORD (Gallup, See Note, Back of Form) |              |
|---------------------------|--------------|---------------------------------------------------------|--------------|--------------------------------------------------------|--------------|
| DATE ON TEST              | WATER TESTED | WATER TESTED                                            | WATER TESTED | WATER TESTED                                           | WATER TESTED |
| 11/19/83                  | 54           | 54                                                      | 54           | 54                                                     | 54           |
| 11/19/83                  | 54           | 54                                                      | 54           | 54                                                     | 54           |

  

| 26. NAME OF OPERATOR           |                                              | 27. ADDRESS OF OPERATOR |            | 28. CITY AND STATE |            |
|--------------------------------|----------------------------------------------|-------------------------|------------|--------------------|------------|
| Martinez Oil & Gas Corporation | P. O. Box 1017, Farmington, New Mexico 87401 | At address              | At address | At address         | At address |