

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

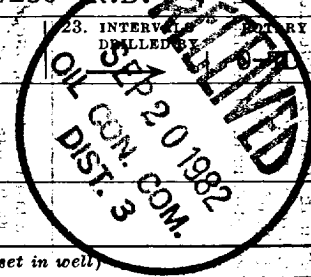
SUBMIT IN DUPLICATE\*

(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 <input type="checkbox"/>     |
| b. TYPE OF COMPLETION:                                                                                                                                                                                 |  | NEW WELL <input checked="" type="checkbox"/>                                                                                  | WORK OVER <input type="checkbox"/> | DEEP-EN <input type="checkbox"/>           | PLUG BACK <input type="checkbox"/> |
|                                                                                                                                                                                                        |  | DIFF. RESVR. <input type="checkbox"/>                                                                                         | Other <input type="checkbox"/>     |                                            |                                    |
| 2. NAME OF OPERATOR<br>Merrion Oil & Gas Corporation                                                                                                                                                   |  |                                                                                                                               |                                    |                                            |                                    |
| 3. ADDRESS OF OPERATOR<br>P. O. Box 1017, Farmington, New Mexico 87401                                                                                                                                 |  |                                                                                                                               |                                    |                                            |                                    |
| 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*<br>At surface 1850' FSL and 1850' FWL<br>At top prod. interval reported below Same<br>At total depth Same |  |                                                                                                                               |                                    |                                            |                                    |
| 14. PERMIT NO.                                                                                                                                                                                         |  | DATE ISSUED                                                                                                                   |                                    |                                            |                                    |
| 15. DATE SPURRED<br>8/1/82                                                                                                                                                                             |  | 16. DATE T.D. REACHED<br>8/13/82                                                                                              |                                    | 17. DATE COMPL. (Ready to prod.)<br>9/4/82 |                                    |
| 18. ELEVATIONS (DE, RKB, RT, GR, ETC.)*<br>7130' K.B.                                                                                                                                                  |  | 19. ELEV. CASINGHEAD<br>7117' G.L.                                                                                            |                                    |                                            |                                    |
| 20. TOTAL DEPTH, MD & TVD<br>7050' MD                                                                                                                                                                  |  | 21. PLUG. BACK T.D., MD & TVD<br>7023' MD                                                                                     |                                    | 22. IF MULTIPLE COMPL., HOW MANY*          |                                    |
| 23. INTERVALS DRILLED BY                                                                                                                                                                               |  | 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*<br>6971 - 6866' Dakota<br>6768 - 6796' Graneros |                                    | 25. WAS DIRECTIONAL SURVEY MADE<br>No      |                                    |
| 26. TYPE ELECTRIC AND OTHER LOGS RUN<br>Gamma Ray Correlation Log                                                                                                                                      |  | 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 |
| 8-5/8"                                             | 23 #/ft.        | 201' KB        | 12-1/4"   | 200.6 Cu. ft.                      |               |
| 4-1/2"                                             | 11.6 #/ft.      | 7049' KB       | 7-7/8"    | 603.9 Cu. Ft. Class H 2% gel       |               |
|                                                    |                 |                |           | 587.10 Su. Ft. Class B 2% econofil |               |
|                                                    |                 |                |           | 103 Cu. Ft. Class B Neat           |               |

| 29. LINER RECORD |          |             |               |             | 30. TUBING RECORD |                |                 |
|------------------|----------|-------------|---------------|-------------|-------------------|----------------|-----------------|
| SIZE             | TOP (MD) | BOTTOM (MD) | SACKS CEMENT* | SCREEN (MD) | SIZE              | DEPTH SET (MD) | PACKER SET (MD) |
|                  |          |             |               |             | 2-3/8"            | 6786' KB       |                 |

|                                                                                                                                                             |  |  |  |                                                                                                                           |  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|---------------------------------------------------------------------------------------------------------------------------|--|
| 31. PERFORATION RECORD (Interval, size and number)<br>6768 - 6796' KB, 2 PF, 56 holes<br>6866 - 6876' KB, 2 PF, 20 holes<br>6971 - 6986' KB, 2 PF, 20 holes |  |  |  | 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.<br>DEPTH INTERVAL (MD)<br>See attached<br>AMOUNT AND KIND OF MATERIAL USED |  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|---------------------------------------------------------------------------------------------------------------------------|--|

| 33.* PRODUCTION                                                                                                        |                              |                                                                                 |                              |                 |                      |                                               |                       |
|------------------------------------------------------------------------------------------------------------------------|------------------------------|---------------------------------------------------------------------------------|------------------------------|-----------------|----------------------|-----------------------------------------------|-----------------------|
| DATE FIRST PRODUCTION<br>9/3/82                                                                                        |                              | PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)<br>Flowing |                              |                 |                      | WELL STATUS (Producing or shut-in)<br>Flowing |                       |
| DATE OF TEST<br>9/7/82                                                                                                 | HOURS TESTED<br>24           | CHOKE SIZE<br>3/4"                                                              | PROD'N. FOR TEST PERIOD<br>→ | OIL—BBL.<br>71  | GAS—MCF.<br>250      | WATER—BBL.<br>Est. 30 Bbl                     | GAS-OIL RATIO<br>3521 |
| FLOW. TUBING PRESS.<br>300 PSIG                                                                                        | CASING PRESSURE<br>1000 PSIG | CALCULATED 24-HOUR RATE<br>→                                                    | OIL—BBL.<br>71               | GAS—MCF.<br>250 | WATER—BBL.<br>30 Bbl | OIL GRAVITY-API (CORR.)<br>45°                |                       |
| 34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)<br>Vented - To be sold as soon as El Paso makes connection. |                              |                                                                                 |                              |                 |                      | TEST WITNESSED BY<br>Don Woods                |                       |

35. LIST OF ATTACHMENTS  
32. Frac.

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.

SIGNED [Signature] TITLE Operations Manager DATE 9/7/82

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

NMOCC

BY

# 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 36.

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:<br>SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING<br>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 | TOP | TRUTH VERT. DEPTH |
| Graneros                                                                                                                                                                                                                                              | 6768' | 6796'  | Gas, oil                    | Ojo Alamo            | 2215        |     |                   |
| Dakota B                                                                                                                                                                                                                                              | 6866' | 6876'  | Gas, oil                    | Kirtland             | 2320        |     |                   |
| Main Dakota                                                                                                                                                                                                                                           | 6961' | 6971'  | Gas, oil                    | Fruitland            | 2445        |     |                   |
|                                                                                                                                                                                                                                                       |       |        |                             | Pic. Cliffs          | 2508        |     |                   |
|                                                                                                                                                                                                                                                       |       |        |                             | Lewis                | 2645        |     |                   |
|                                                                                                                                                                                                                                                       |       |        |                             | Cliffhouse           | 4050        |     |                   |
|                                                                                                                                                                                                                                                       |       |        |                             | Menefee              | 4105        |     |                   |
|                                                                                                                                                                                                                                                       |       |        |                             | Pt. Lookout          | 4650        |     |                   |
|                                                                                                                                                                                                                                                       |       |        |                             | Mancos               | 4790        |     |                   |
|                                                                                                                                                                                                                                                       |       |        |                             | Gallup               | 5655        |     |                   |
|                                                                                                                                                                                                                                                       |       |        |                             | Greenhorn            | 6670        |     |                   |
|                                                                                                                                                                                                                                                       |       |        |                             | Graneros             | 6765        |     |                   |
|                                                                                                                                                                                                                                                       |       |        |                             | Dakota B             | 6865        |     |                   |
|                                                                                                                                                                                                                                                       |       |        |                             | Main Dakota          | 6960        |     |                   |

MERRION OIL & GAS CORPORATION

BONANZA No. 8  
Sec. 2, T22N, R3W  
Sandoval Co., New Mexico

32. Fracture

Fraced 6865 - 6976' KB w/2% KCL water, 2-1/2 #/gal FR-2, 1/4 gal/1000 URI-Cide,  
15 #/1000 Adomite Aqua, 1/2 Gal/1000 Aquaflow.

Total Sand 60,000 lbs. 40/60

Total water 1906 Bbls

ISDP 2200 PSIG. Down to 1500 PSI in 15 minutes.

Fraced 6768 - 6796 w/2-1/2 #/1000 Fr-2, 2% CKL, 1/4 gal/1000 Uri-cide, 1/2  
gal/1000 Aquaflow, 15 #/1000 Aquaseal.

Total sand 55,000 lbs 40/60 sand and 45,000 lbs. 20/40 sand.

Total fluid 3,429 Bbls.

ISDP 2450 PSI down to 1750 in 15 minutes.