

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

(See other instructions on reverse side)

Form approved.  
Budget Bureau No. 1004-0137  
Expires August 31, 1985

WELL COMPLETION OR RECOMPLETION REPORT AND LOG\*

RECEIVED

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other ☐  
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP EN ☐ PLUG BACK ☐ DIFF. RESVR ☐ Other ☐ DEC 09 1986

2. NAME OF OPERATOR  
Merrion Oil and Gas Corporation

BUREAU OF LAND MANAGEMENT  
FARMINGTON RESOURCE AREA

3. ADDRESS OF OPERATOR

P. O. Box 840, Farmington, New Mexico 87499

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*

At surface 1650' FNL and 750" FEL

At top prod. interval reported below same

At total depth same

14. PERMIT NO. DATE ISSUED

9. WELL NO.

No. 1

10. FIELD AND POOL, OR WILDCAT

Undesignated Gallup  
11. SEC. T. R. M., OR BLOCK AND SURVEY OR AREA

Sec 31, T26N, R2W

12. COUNTY OR PARISH

Rio Arriba New Mexico

15. DATE SPUNDED 8-25-86 16. DATE T.D. REACHED 9-10-86 17. DATE COMPL. (Ready to prod.) 11-13-86 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\* 8538' KB 19. ELEV. CASINGHEAD 8525' GL

20. TOTAL DEPTH, MD & TVD 8006' KB 21. PLUG BACK T.D., MD & TVD 7940' KB 22. IF MULTIPLE COMPL., HOW MANY\* 23. INTERVALS DRILLED BY 0 to T.D. ROTARY TOOLS CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\*

6912' KB - 7637' KB Gallup-Mancos

25. WAS DIRECTIONAL SURVEY MADE

no

26. TYPE ELECTRIC AND OTHER LOGS RUN

Gamma Ray Correlation Log, Cement Bond Log, IES/Induction, Formation Density and Four Arm Dip

27. WAS WELL CORED

no

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

Meter

| CASING SIZE | WEIGHT, LB./FT. | DEPTH SET (MD) | HOLE SIZE | CEMENTING RECORD          | AMOUNT PULLED |
|-------------|-----------------|----------------|-----------|---------------------------|---------------|
| 9 5/8"      | 32              | 257'KB         | 12 1/4    | 150 sx Cl B 2% CaCl2      |               |
| 5 1/2"      | 17 & 15 1/2     | 8003'KB        |           | 315 sx Cl H 2% gel        | 3 stage       |
|             |                 |                |           | 160 sx Cl B 2 % chem.ext. | cement job    |
|             |                 |                |           | 150 sx Cl B 2 % chem.ext. |               |

29. LINER RECORD

| SIZE | TOP (MD) | BOTTOM (MD) | SACKS CEMENT* | SCREEN (MD) | SIZE   | DEPTH SET (MD) | PACKER SET (MD) |
|------|----------|-------------|---------------|-------------|--------|----------------|-----------------|
|      |          |             |               |             | 2 7/8" | 7249'KB        |                 |

31. PERFORATION RECORD (Interval, size and number)

See other side.

DEC 12 1986

OIL CON. DIST. 3

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

| DEPTH INTERVAL (MD) | AMOUNT AND KIND OF MATERIAL USED                      |
|---------------------|-------------------------------------------------------|
| 6912'-7637'KB       | 30# gel water 146,700 lbs 20/40 sand, 2977 Bbls water |
| 6912'-7637'KB       | 30# gel water 75,000 lbs 20/40 sand, 2,048 Bbls water |

33.\*

PRODUCTION

| DATE FIRST PRODUCTION |                 | PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) |                         |          |               | WELL STATUS (Producing or shut-in) |               |
|-----------------------|-----------------|----------------------------------------------------------------------|-------------------------|----------|---------------|------------------------------------|---------------|
| 11-13--86             |                 | Flowing                                                              |                         |          |               | Shut-in                            |               |
| DATE OF TEST          | HOURS TESTED    | CHOKE SIZE                                                           | PROD'N. FOR TEST PERIOD | OIL—BBL. | GAS—MCF.      | WATER—BBL.                         | GAS-OIL RATIO |
| 11-17-86              | 24              | 3/4"                                                                 | →                       | 18       | 472           | 24(Frac Wtr)                       | 26,222        |
| FLOW. TUBING PRESS.   | CASING PRESSURE | CALCULATED 24-HOUR RATE                                              | OIL—BBL.                | GAS—MCF. | WATER—BBL.    | OIL GRAVITY-API (CORR.)            |               |
| 40                    | 260             | →                                                                    | 18                      | 472      | 24 (Frac Wtr) | 42°                                |               |

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

Vented

TEST WITNESSED BY

Don Wood

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

TITLE Operations Manager

DATE 12-1-86

\*(See Instructions and Spaces for Additional Data)

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries):

38. GEOLOGIC MARKERS

| FORMATION     | TOP   | BOTTOM | DESCRIPTION, CONTENTS, ETC.                                                                                                                                                                                                                                                                                                                                               | NAME            | TOP         |                  |
|---------------|-------|--------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|-------------|------------------|
|               |       |        |                                                                                                                                                                                                                                                                                                                                                                           |                 | MEAS. DEPTH | TRUE VERT. DEPTH |
| Gallup-Mancos | perf. | perf.  | oil, gas, water                                                                                                                                                                                                                                                                                                                                                           | Ojo Alamo       | 3594'       |                  |
|               |       |        |                                                                                                                                                                                                                                                                                                                                                                           | Kirtland        | 3770        |                  |
|               |       |        |                                                                                                                                                                                                                                                                                                                                                                           | Fruitland       | 3822        |                  |
|               |       |        |                                                                                                                                                                                                                                                                                                                                                                           | Pictured Cliffs | 3925        |                  |
|               |       |        |                                                                                                                                                                                                                                                                                                                                                                           | Lewis           | 4035        |                  |
|               |       |        |                                                                                                                                                                                                                                                                                                                                                                           | Cliffhouse      | 5700        |                  |
|               |       |        |                                                                                                                                                                                                                                                                                                                                                                           | Menefee         | 5773        |                  |
|               |       |        |                                                                                                                                                                                                                                                                                                                                                                           | Joint Lookout   | 6100        |                  |
|               |       |        |                                                                                                                                                                                                                                                                                                                                                                           | Mancos          | 6250        |                  |
|               |       |        |                                                                                                                                                                                                                                                                                                                                                                           | Niobrara "A"    | 7283        |                  |
|               |       |        |                                                                                                                                                                                                                                                                                                                                                                           | Niobrara "B"    | 7346        |                  |
|               |       |        |                                                                                                                                                                                                                                                                                                                                                                           | Niobrara "C"    | 7452        |                  |
|               |       |        |                                                                                                                                                                                                                                                                                                                                                                           | Sanostee        | 7782        |                  |
|               |       |        | 31. 6912, 6992, 7056, 7065, 7093, 7100, 7143, 7155, 7159, 7168, 7183, 7196, 7208, 7219, 7236, 7247, 7258, 7276, 7287, 7293, 7300, 7303, 7312, 7315, 7318, 7321, 7331, 7334, 7347, 7350, 7352, 7356, 7366, 7376, 7381, 7390, 7404, 7421, 7430, 7442, 7447, 7460, 7471, 7481, 7488, 7493, 7504, 7508, 7517, 7526, 7548, 7554, 7563, 7575, 7585, 7593, 7604, 7619, 7637' KB. |                 |             |                  |