

STATE OF NEW MEXICO  
OIL AND MINERALS DEPARTMENT

## OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

|                        |  |
|------------------------|--|
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| SANTA FE               |  |
| FILE                   |  |
| U.S.G.S.               |  |
| LAND OFFICE            |  |
| OPERATOR               |  |

|                                                                                   |
|-----------------------------------------------------------------------------------|
| 5a. Indicate Type of Lease                                                        |
| State <input checked="" type="checkbox"/> Fee <input checked="" type="checkbox"/> |
| 5. State Oil & Gas Lease No.                                                      |

TYPE OF WELL

OIL WELL ☒GAS WELL ☐DRY ☐OTHER ☐

TYPE OF COMPLETION

NEW WELL ☒WORK OVER ☐DEEPEN ☐PLUG BACK ☐DIFF. RESVR. ☐OTHER ☐

Name of Operator

Merrion Oil &amp; Gas Corporation

Address of Operator

P. O. Box 1017, Farmington, New Mexico 87499

Location of Well

T. LETTER K LOCATED 1820 FEET FROM THE South LINE AND 1650 FEET FROMWest LINE OF SEC. 14 TWP. 24N RGE. 2W NMPM

|              |                       |                                  |                                        |                      |
|--------------|-----------------------|----------------------------------|----------------------------------------|----------------------|
| Date Spudded | 16. Date T.D. Reached | 17. Date Compl. (Ready to Prod.) | 18. Elevations (DF, RKB, RT, GR, etc.) | 19. Elev. Casinghead |
| 10/13/84     | 10/29/84              | 12/20/84                         | 7312' KB                               | 7299' GL             |

|             |                    |                                  |                          |              |             |
|-------------|--------------------|----------------------------------|--------------------------|--------------|-------------|
| Total Depth | 21. Plug Back T.D. | 22. If Multiple Compl., How Many | 23. Intervals Drilled By | Rotary Tools | Cable Tools |
| 8150' KB    | 7020' KB           |                                  |                          | 0 - TD       |             |

Producing Interval(s), of this completion - Top, Bottom, Name

6691 - 6939, Mancos, 39 holes

25. Was Directional Survey Made

None

Type Electric and Other Logs Run

Gamma Ray Correlation Log, Compensated Density Log

27. Was Well Cored

No

## CASING RECORD (Report all strings set in well)

| CASING SIZE                 | WEIGHT LB./FT. | DEPTH SET | HOLE SIZE     | CEMENTING RECORD                                 | AMOUNT PULLED        |
|-----------------------------|----------------|-----------|---------------|--------------------------------------------------|----------------------|
| 9-5/8, J-55                 | 36 #/ft        | 322' KB   | 12-1/4        | 170 sx (350.2 cu. ft.) Class B                   |                      |
| 5-1/2, K-55, 15.5 & 17 #/ft |                | 8141' KB  | 7-7/8 & 8-3/4 | 400 sx (824 cu. ft.) Class B                     | 500 sx (630 cu. ft.) |
|                             |                |           |               | 50 sx (63 cu. ft.) Class B                       |                      |
|                             |                |           |               | 400 sx (824 cu. ft.) Class B, 50 sx (63 cu. ft.) |                      |

## LINER RECORD

30.

## TUBING RECORD

Class H

| SIZE | TOP | BOTTOM | SACKS CEMENT | SCREEN | SIZE   | DEPTH SET | PACKER SET       |
|------|-----|--------|--------------|--------|--------|-----------|------------------|
|      |     |        |              |        | 2-7/8" | 6670      | Drillable Bridge |
|      |     |        |              |        |        |           | Plug @ 7020' KB  |

Perforation Record (Interval, size and number)

7870 - 82' KB, 2 PF, 24 holes. Below Bridge

7786 - 7797' KB, 2 PF, 22 holes Plug  
6691, 6692, 6693, 6699, 6715, 6717, 6728, 6735,  
6744, 6753, 6763, 6771, 6773, 6777, 6782, 6787,  
6802, 6806, 6811, 6813, 6816, 6821, 6827, 6830,  
6843, 6855, 6870, 6876, 6886, 6894, 6899, 6907,  
6909, 6912, 6916, 6918, 6929, 6936, 6939, PRODUCTION 39 holes.

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

| DEPTH INTERVAL  | AMOUNT AND KIND MATERIAL USED                          |
|-----------------|--------------------------------------------------------|
| 7870 - 82' KB   | Gelled oil frac. 516 Bbls oil<br>21,500 Lbs 40/60 sand |
| 7786 - 7797' KB | Gelled oil frac. 516 Bbls<br>25,000 Lbs 40/60 sand     |

First Production

Production Method (Flowing, gas lift, pumping - Size and type pump)

Well Status (Prod. or Shut-in)

1/7/85

Pumping

Producing

|         |              |            |                         |            |           |              |                 |
|---------|--------------|------------|-------------------------|------------|-----------|--------------|-----------------|
| of Test | Hours Tested | Choke Size | Prod'n. For Test Period | Oil - Bbl. | Gas - MCF | Water - Bbl. | Gas - Oil Ratio |
| 1/8/85  | 24           | 3/4        |                         | 12         | 66        | 7            | 5500            |

|               |                 |                         |            |           |              |                           |
|---------------|-----------------|-------------------------|------------|-----------|--------------|---------------------------|
| Tubing Press. | Casing Pressure | Calculated 24-Hour Rate | Oil - Bbl. | Gas - MCF | Water - Bbl. | Oil Gravity - API (Corr.) |
| 20 PSI        | 50 PSI          |                         | 12         | 66        | 7            | 42°                       |

Disposition of Gas (Sold, used for fuel, vented, etc.)

Test Witnessed By  
Tim Merilatt

List of Attachments

I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief.

Operations Manager

1/8/85

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 30 through 34 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

# INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

## Southeastern New Mexico

## Northwestern New Mexico

|                          |                        |                                  |                        |
|--------------------------|------------------------|----------------------------------|------------------------|
| T. Anhy _____            | T. Canyon _____        | T. Ojo Alamo _____ 2955          | T. Penn. "B" _____     |
| T. Salt _____            | T. Strawn _____        | T. Kirtland-Fruitland _____ 3220 | T. Penn. "C" _____     |
| B. Salt _____            | T. Atoka _____         | T. Pictured Cliffs _____ 3318    | T. Penn. "D" _____     |
| T. Yates _____           | T. Miss _____          | T. Cliff House _____ 5065        | T. Leadville _____     |
| T. 7 Rivers _____        | T. Devonian _____      | T. Menefee _____ 5145            | T. Madison _____       |
| T. Queen _____           | T. Silurian _____      | T. Point Lookout _____ 5540      | T. Elbert _____        |
| T. Grayburg _____        | T. Montoya _____       | T. Mancos _____ 5715             | T. McCracken _____     |
| T. San Andres _____      | T. Simpson _____       | T. Gallup _____ 6675             | T. Ignacio Qtzte _____ |
| T. Glorieta _____        | T. McKee _____         | Base Greenhorn _____ 7620        | T. Granite _____       |
| T. Paddock _____         | T. Ellenburger _____   | T. Dakota _____ 7865             | T. _____               |
| T. Blinebry _____        | T. Gr. Wash _____      | T. Morrison _____                | T. _____               |
| T. Tubb _____            | T. Granite _____       | T. Todilto _____                 | T. _____               |
| T. Drinkard _____        | T. Delaware Sand _____ | T. Entrada _____                 | T. _____               |
| T. Abo _____             | T. Bone Springs _____  | T. Wingate _____                 | T. _____               |
| T. Wolfcamp _____        | T. _____               | T. Chinle _____                  | T. _____               |
| T. Penn. _____           | T. _____               | T. Permian _____                 | T. _____               |
| T. Cisco (Bough C) _____ | T. _____               | T. Penn. "A" _____               | T. _____               |

## OIL OR GAS SANDS OR ZONES

|                            |                            |
|----------------------------|----------------------------|
| No. 1, from _____ to _____ | No. 4, from _____ to _____ |
| No. 2, from _____ to _____ | No. 5, from _____ to _____ |
| No. 3, from _____ to _____ | No. 6, from _____ to _____ |

## IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

|                            |            |
|----------------------------|------------|
| No. 1, from _____ to _____ | feet _____ |
| No. 2, from _____ to _____ | feet _____ |
| No. 3, from _____ to _____ | feet _____ |
| No. 4, from _____ to _____ | feet _____ |

## FORMATION RECORD (Attach additional sheets if necessary)

| From | To | Thickness<br>in Feet | Formation                                                             | From | To | Thickness<br>in Feet | Formation |
|------|----|----------------------|-----------------------------------------------------------------------|------|----|----------------------|-----------|
|      |    |                      | Frac Cont. 6691 - 6939<br>164,000 Lbs. 20/40 sand.<br>2403 Bbls water |      |    |                      |           |