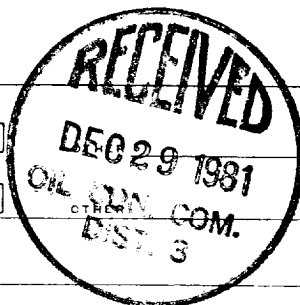


NEW MEXICO OIL CONSERVATION COMMISSION  
WELL COMPLETION OR RECOMPLETION REPORT AND LOG

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



|  |  |   |  |                                  |  |  |  |                                |                      |                                 |  |
|--|--|---|--|----------------------------------|--|--|--|--------------------------------|----------------------|---------------------------------|--|
| 1a. TYPE OF WELL   |  |   |  |                                  |  |  |  |                                |                      | 7. Unit Agreement Name          |  |
| b. TYPE OF COMPLETION  |  |   |  |                                  |  |  |  |                                |                      | 8. Farm or Lease Name           |  |
| OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/>  |  |   |  |                                  |  |  |  |                                |                      | Warren G 35                     |  |
| NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> |  |   |  |                                  |  |  |  |                                |                      | 9. Well No.                     |  |
| 2. Name of Operator  |  |   |  |                                  |  |  |  |                                |                      | 1                               |  |
| Merrion Oil & Gas Corporation  |  |   |  |                                  |  |  |  |                                |                      | 10. Field and Pool, or Wildcat  |  |
| 3. Address of Operator   |  |   |  |                                  |  |  |  |                                |                      | Devils Fork Gallup              |  |
| P. O. Box 1017, Farmington, New Mexico 87401   |  |   |  |                                  |  |  |  |                                |                      |                                 |  |
| 4. Location of Well  |  |   |  |                                  |  |  |  |                                |                      |                                 |  |
| UNIT LETTER <u>K</u> LOCATED <u>1515</u> FEET FROM THE <u>South</u> LINE AND <u>2230</u> FEET FROM   |  |   |  |                                  |  |  |  |                                |                      | 12. County                      |  |
| THE <u>West</u> LINE OF SEC. <u>35</u> TWP. <u>25N</u> RGE. <u>6W</u> NMPM   |  |   |  |                                  |  |  |  |                                |                      | Rio Arriba                      |  |
| 15. Date Spudded   |  | 16. Date T.D. Reached   |  | 17. Date Compl. (Ready to Prod.) |  | 18. Elevations (DF, RKB, RT, GR, etc.)         |  | 19. Elev. Casinghead           |                      |                                 |  |
| 10/16/81   |  | 10/23/81  |  | 12/19/81                         |  | 6710' GL 6723' KB                              |  | 6723                           |                      |                                 |  |
| 20. Total Depth  |  | 21. Plug Back T.D.  |  | 22. If Multiple Compl., How Many |  | 23. Intervals Drilled By                       |  | Rotary Tools Cable Tools       |                      |                                 |  |
| - 6200 KB  |  | 6181  |  |                                  |  |  |  |                                |                      |                                 |  |
| 24. Producing Interval(s), of this completion - Top, Bottom, Name  |  |   |  |                                  |  |  |  |                                |                      | 25. Was Directional Survey Made |  |
|  |  |   |  |                                  |  |  |  |                                |                      | No                              |  |
| 26. Type Electric and Other Logs Run   |  |   |  |                                  |  |  |  |                                |                      | 27. Was Well Cored              |  |
| Gamma Ray Correlation Log  |  |   |  |                                  |  |  |  |                                |                      | No                              |  |
| 28. CASING RECORD (Report all strings set in well)   |  |   |  |                                  |  |  |  |                                |                      |                                 |  |
| CASING SIZE  |  | WEIGHT LB. FT.  |  | DEPTH SET                        |  | HOLE SIZE                                      |  | CEMENTING RECORD               |                      | AMOUNT PULLED                   |  |
| 8-5/8"   |  | 23 lb   |  | 200 KB                           |  |  |  | 170 sx                         |                      |                                 |  |
| 4-1/2"   |  | 10.5 lb   |  | 6200 KB                          |  | 7-7/8  |  | 175 sx Class 'H' 2% gel.       |                      |                                 |  |
|  |  |   |  |                                  |  |  |  | 600 sx Blass 'B' 2% D-79       |                      |                                 |  |
|  |  |   |  |                                  |  |  |  | 100 sx Class 'H' 2% gel.       |                      |                                 |  |
| 29. LINER RECORD   |  |   |  |                                  |  | 30. TUBING RECORD                              |  |                                |                      |                                 |  |
| SIZE   |  | TOP   |  | BOTTOM                           |  | SACKS CEMENT                                   |  | SCREEN                         |                      | SIZE                            |  |
|  |  |   |  |                                  |  |  |  |                                |                      | 2-3/8                           |  |
|  |  |   |  |                                  |  |  |  |                                |                      | 5854.61 KB                      |  |
| 31. Perforation Record (Interval, size and number)   |  |   |  |                                  |  | 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. |  |                                |                      |                                 |  |
| 5874 - 6162 17 holes   |  |   |  |                                  |  | DEPTH INTERVAL                                 |  |                                |                      |                                 |  |
|  |  |   |  |                                  |  | 5874 - 6162                                    |  |                                |                      |                                 |  |
|  |  |   |  |                                  |  | AMOUNT AND KIND MATERIAL USED                  |  |                                |                      |                                 |  |
|  |  |   |  |                                  |  | 250 gal 15% HCL spearhead                      |  |                                |                      |                                 |  |
|  |  |   |  |                                  |  | 13,000 Gal pad Maxi-0-74 gelled                |  |                                |                      |                                 |  |
|  |  |   |  |                                  |  | oil w/25#/1000 gal. 5,000 gal 1/2              |  |                                |                      |                                 |  |
|  |  |   |  |                                  |  | #/gal 20/40 sand. 5,000 gal 1#/ga              |  |                                |                      |                                 |  |
|  |  |   |  |                                  |  | 20/40 sand. 10,000 gal 2 #/gal 20              |  |                                |                      |                                 |  |
| 33. PRODUCTION   |  |   |  |                                  |  |  |  |                                |                      |                                 |  |
| Date First Production  |  | Production Method (Flowing, gas lift, pumping - Size and type pump) |  |                                  |  |  |  | Well Status (Prod. or Shut-in) |                      |                                 |  |
|  |  |   |  |                                  |  |  |  | 40 s                           |                      |                                 |  |
| Date of Test   |  | Hours Tested  |  | Choke Size                       |  | Prod'n. For Test Period                        |  | Oil - Bbl.                     |                      | Gas - MCF                       |  |
| 12/26/81   |  | 24  |  |                                  |  |  |  | 75 (Load)                      |                      | 125                             |  |
| Flow Tubing Press.   |  | Casing Pressure   |  | Calculated 24-Hour Rate          |  | Oil - Bbl.                                     |  | Gas - MCF                      |                      | Water - Bbl.                    |  |
| 175  |  | 375   |  |                                  |  | 75   |  | 125                            |                      | -0-                             |  |
| 34. Disposition of Gas (Sold, used for fuel, vented, etc.)   |  |   |  |                                  |  |  |  |                                |                      | Test Witnessed By               |  |
| Vented   |  |   |  |                                  |  |  |  |                                |                      | Don Woods                       |  |
| 35. List of Attachments  |  |   |  |                                  |  |  |  |                                |                      |                                 |  |
| 36. 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.  |  |   |  |                                  |  |  |  |                                |                      |                                 |  |
| SIGNED <u>Gregory Merrion</u>  |  |   |  |                                  |  | TITLE <u>President</u>                         |  |                                | DATE <u>12/28/81</u> |                                 |  |

## INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Commission, not later than 30 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radioactivity 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 32 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 <u>1735</u>          | T. Penn. "B" _____      |
| T. Salt _____            | T. Strawn _____        | T. Kirtland-Fruitland <u>2105</u> | T. Penn. "C" _____      |
| B. Salt _____            | T. Atoka _____         | T. Pictured Cliffs <u>2512</u>    | T. Penn. "D" _____      |
| T. Yates _____           | T. Miss _____          | T. Cliff House <u>4060</u>        | T. Leadville _____      |
| T. 7 Rivers _____        | T. Devonian _____      | T. Menefee <u>4310</u>            | T. Madison _____        |
| T. Queen _____           | T. Silurian _____      | T. Point Lookout <u>4730</u>      | T. Elbert _____         |
| T. Grayburg _____        | T. Montoya _____       | T. Mancos <u>4953</u>             | T. McCracken _____      |
| T. San Andres _____      | T. Simpson _____       | T. Gallup <u>5850</u>             | T. Ignacio Qtzite _____ |
| T. Glorieta _____        | T. McKee _____         | Base Greenhorn _____              | T. Granite _____        |
| T. Paddock _____         | T. Ellenburger _____   | T. Dakota _____                   | T. _____                |
| T. Blinberry _____       | 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 <u>2550</u> to <u>2600</u> | No. 4, from _____ to _____ |
| No. 2, from <u>5850</u> to <u>6120</u> | 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 |
|------|------|----------------------|-----------------------|------|----|----------------------|-----------|
| 0    | 2105 | 2105                 | Water sands and shale |      |    |                      |           |
| 2105 | 2512 | 407                  | Coal and shale        |      |    |                      |           |
| 2512 | 2600 | 88                   | Gas sand              |      |    |                      |           |
| 2600 | 4060 | 1460                 | Shale                 |      |    |                      |           |
| 4060 | 4953 | 893                  | Sand and shale        |      |    |                      |           |
| 4953 | 5850 | 897                  | Shale                 |      |    |                      |           |
| 5850 | 6120 | 270                  | Tight sands           |      |    |                      |           |

MERRION OIL & GAS CORPORATION

WARREN G 35-1  
 Sec. 35, T25N, R6W  
 Rio Arriba Co., New Mexico

- 10-16-81 MIRU. Spudded. Drilling @ 185 12-1/4" Hole.
- 10-17-81 Set 8-5/8" 23 lb/ft surface casing @ 200' KB w/170 sx.  
 Circulated cement. WOCT for 12 hrs. Drilling @ 1370'.
- 10-18-81 Drilling @2580. Tripping.
- 10-19-81 Drilling @ 3530. Mud wt. 9.0. Fix. 36. Water Loss 6.0.
- 10-20-81 Drilling @ 4285. Sand and Shale. Mud wt. 9.0, Fis. 36,  
 Water Loss 6.2.
- 10-21-81 Drilling @ 4750. Sand & Shale. Mud wt. 9.0, Vis. 38,  
 Water Loss 6.0.
- 10-22-81 Drilling @ 5425'. Sand & Shale. Mud wt. 9.0, Vis. 38,  
 Water Loss 6.5.
- 10-23-81 Drilling @ 5883'. Mud wt. 9.0, Vis. 38, Water loss 6.0.  
 Down for rig repair 5-1/2 hr.
- 10-24-81 Rig up Gearhart Owen & ran IES Induction and Compensated  
 Density Logs. Lay down drill pipe.
- 10-25-81 Ran 150 jts 4-1/2" 10.5 lb/ft. K-55 new casing as follows:
- |                                  |                |
|----------------------------------|----------------|
| Shoe                             | 1.0            |
| 1 jt. 4.5" 10.5 lb/ft shoe joint | 42.95          |
| 1 float collar                   | 1.68           |
| 30 jts. 4.5 10.5 lb/ft K-55      | 1248.87        |
| 1 stage tool                     | 1.68           |
| 119 jts 4.5 10.5 lb/ft K-55      | 4944.89        |
|                                  | <u>6241.07</u> |
- Bottom of casing @ 6200 K.B.  
 Stage tool set @ 4906.18 K.B.
- 10-26-81 Rig up Dowell, cemented 1st stage w/175 sx Class 'H' 2% GEL,  
 good circulation. Plug down 12:00 Noon 10/25/81.  
 Circulated 2 hours between stages. Cemented 2nd stage w/600  
 sx Class 'B' 2% D-79 followed by 100 sx Class 'H' 2% GEL.  
 Good circulation throughout. Plug down 3:00 PM 10/25/81.  
 Lay down 1 jt. 4-1/2", left 149 jts in hole. Landed casing  
 as cemented. WOCT. Wilson Service Co. ran Temperature Log  
 found TOC @ 2013' K.B., PBTD @ 4883' K.B.

MERRION OIL & GAS CORPORATION

WARREN G 35-1

Sec. 35, T25N, R6W  
Rio Arriba County, New Mexico

- 12/8/81 Move in, rig up Bayless Rig No. 3. SDON
- 12/9/81 Finish rig up. Sort tubing. Trip in tag fill. Cleaned out to stage tool. Found stage tool w/2' above KB on joint no. 155 @4904' KB. Drilled out stage tool. Pressure tested to 3000 PSIG. Held OK. Trip into fill above float collar. Tagged on joint no. 194 @ 6134' KB. SDON.
- 12/10/81 Clean out fill and tagged float collar w/15 ft. out on joint no 195 @ 6157.25' KB. Drilled on float collar. Bit quit drilling @ 6158.5' KB. Trip out w/bit. Pressure tested to 4000 PSIG. Held OK. Trip in w/70 STDS and used bit. SDON.
- 12/11/81 Finish drilling out float collar, and drilled 24 ft. of shoe joint to 6181 ft. KB by tally. Cleaned up hole and pulled bit 10 ft. off bottom to 6170 ft.  $\pm$ . Pressure tested casing to 4000 PSIG for 10 minutes. Held fine. Rig up Western Co. Swept hole w/1000 gal. 40# gelled water and loaded casing w/lease oil. Spotted 250 gals. 15% HCL on bottom. Trip out w/tubing. Rig up Blue Jet and ran Gamma Ray - Correlation Log from 6186 to 5600 ft. Perforated select fire holes as follows: 5874, 5880, 5885, 5889, 5902, 5933, 5936, 5956, 5958, 5961, 5964, 6077, 6080, 6083 6101 6153, 6162. Total 17 holes - .320" per Correlation Log. Rig down Blue Jet, Western. Shut-in well.
- 12/14/81 Farmington Well Service hydrotested in the hole. Straddle packers on. Found joints 84 and 114 bad. Pulled tubing to top of perf @ 5875. Perforation broke down at 3000#. Next setting covered perfs 5881 and 5886. Did not break down at any pressure. Set @ 5891 and broke down @ 3800#. Set @ 5903. Broke down @ 3800#. Set @ 5935 - 5939. Broke down @ 3700. Set for next 2 perfs @ 5958 - 5960. Broke down @ 4000#. Set for 5963 - 6966. Broke down @ 4000#. Set for perfs @ 6079, 6082, 6085. All broke down together @ 3600 Psi. Set @ 6103. Broke down @ 4000 Psi. Set for perf @ 6155. Broke down @ 4000 Psi. Set for perf @ 6164. Broke down @ 4000 Psi. Perforation breakdown complete. Left tools in the hole. SDON.
- 12/15/81 Circulated hole w/straddle packers on bottom, using rig pump. Circulated 40 Bbls water out indicating we had not spotted acid on bottom originally and were breaking down w/water. Spotted additional 250 gals. 15% HCL across perfs. Tripped out w/tubing and packers. Finished gelling tanks and rigged up to frac. Fraced well as follows:
- |             |   |
|-------------|---|
| 250 Gals    | 15% HCL Spearhead.                                  |
| 13,000 Gals | Pad Maxi-O-74 gelled oil w/25 #/1000 gal. Aquaseal. |
| 5,000 Gals  | 1/2 #/gal 20/40 sand.                               |
| 5,000 Gals  | 1 #/gal 20/40 sand.                                 |
| 10,000 Gals | 2 #/gal 20/40 sand.                                 |
| 10,000 Gals | 3 #/gal 20/40 sand.                                 |
| 15,000 Gals | 3-1/2 #/gal 20/40 sand.                             |
| 10,000 Gals | 4 #/gal 20/40 sand.                                 |
| 4,000 Gals  | 4 #/gal 10/20 sand.                                 |
| Total Oil   | 72,000 gal Maxi-O-74.                               |

MERRION OIL & GAS CORPORATION

WARREN G 35-1

Sec. 35, T25N, R6W  
Rio Arriba County, New Mexico

12/15/81 Con't.

Well screened out in wellbore before completion of job. Got 146,000 lbs. 20/40 sand in and left 4,000 lbs. 20/40 and 15,000 10/20 in casing. Average rate 26 BPM, average pressure 2850 PSIG. ISIP was vague due to screen out in well bore. Final shut-in was 2000 PSIG, after 3 min.

12/16/81 SIP - 1500 PSIG. Blew down immediately. Trip in w/saw tooth collar, string float and 2-3/8" tubing. Tag sand @ 4725 ft. Cleaned out frac sand to bottom. No gel in return oil. Pulled tubing above perfs and SDON.

12/17/81 Well dead. Trip out w/string float and saw tooth collar. Trip in w/production tubing as follows:

|                                    |               |
|------------------------------------|---------------|
| 184 jts. 2-3/8" EUE 4.7 #/ft. K-55 | 5817.61'      |
| 1 Seating Nipple                   | 1.00'         |
| 1 Perf. Sub 2-3/8"                 | 3.00'         |
| 1 2-3/8" Mud Anchor                | 20.00'        |
| KB Adjustment                      | <u>13.00'</u> |

Landed @ 5854.61' KB

Nipple up wellhead and pumped out plug. Rig up to swab. Top perf @ 5874' KB. Swabbed 48 Bbls to frac tank. Fluid gassy and casing on vacuum. Shut-in overnight.

12/18/81 Made 80 Bbls. Swabbing and kicked off flowing twice and made 175 Bbls and died off. Opened casing and tubing and started swabbing down. SDON.