

District I  
PO Box 1980, Hobbs, NM 88241-1980  
District II  
PO, Drawer DD, Artesia, NM 88211-0719  
District III  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV  
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico  
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION  
PO Box 2088  
Santa Fe, NM 87504-2088

Form C-101  
Revised February 10, 1994  
Instructions on back  
Submit to Appropriate District Office  
State Lease - 6 Copies  
Fee Lease - 5 Copies

☐ AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

|  |                              |   |                                |
|--|------------------------------|---|--------------------------------|
| Operator Name and Address.<br>Merrion Oil & Gas Corp.<br>P. O. Box 840<br>Farmington, New Mexico 87499 |                              | <b>RECEIVED</b><br>JUN - 1 1994<br><b>OIL CON. DIV.</b><br><b>DIST. 3</b> | OGRID Number<br>014634         |
|  |                              |   | API Number<br>30 - 039 - 25416 |
| Property Code<br>14133   | PROPERTY STATE<br>IRED STATE |   | Well No.<br>1R                 |

<sup>7</sup> Surface Location

| UL or lot no. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County     |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|------------|
| M             | 32      | 30N      | 7W    |         | 1050          | South            | 790           | West           | Rio Arriba |

<sup>8</sup> Proposed Bottom Hole Location If Different From Surface

| UL or lot no.  | Section | Township | Range | Lot Idn | Feet from the                 | North/South line | Feet from the | East/West line | County |
|--|---------|----------|-------|---------|-------------------------------|------------------|---------------|----------------|--------|
|  |         |          |       |         |                               |                  |               |                |        |
| <sup>9</sup> Proposed Pool 1<br>160 Blanco Mesaverde 72319 |         |          |       |         | <sup>10</sup> Proposed Pool 2 |                  |               |                |        |

|                                   |                                       |                                   |  |   |
|-----------------------------------|---------------------------------------|-----------------------------------|--|---|
| <sup>11</sup> Work Type Code<br>N | <sup>12</sup> Well Type Code<br>G     | <sup>13</sup> Cable/Rotary<br>R   | <sup>14</sup> Lease Type Code<br>S     | <sup>15</sup> Ground Level Elevation<br>6191' |
| <sup>16</sup> Multiple<br>No      | <sup>17</sup> Proposed Depth<br>5450' | <sup>18</sup> Formation<br>Mancos | <sup>19</sup> Contractor<br>Not chosen | <sup>20</sup> Spud Date<br>6/94               |

<sup>21</sup> Proposed Casing and Cement Program

| Hole Size | Casing Size | Casing weight/foot | Setting Depth | Sacks of Cement | Estimated TOC |
|-----------|-------------|--------------------|---------------|-----------------|---------------|
| 12-1/4"   | 9-5/8"      | 32# & 36#          | 240' ±        | 150 sx          | Surface       |
| 8-3/4"    | 7"          | 23#                | 3250' ±       | 425 sx          | Surface       |
| 6-1/4"    | 4-1/2"      | 10.5#              | 3050' - 5450' | 300 sx          | 3050'         |
|           |             |                    |               |                 |               |
|           |             |                    |               |                 |               |

<sup>22</sup> Describe the proposed program. If this application is to DEEPEN or PLUG BACK give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary.  
The well drilling phase will be conducted by drilling a 8-3/4" hole with conventional LS mud to below the bottom of the Pictured Cliffs formation and into the Lewis Shale to a depth of approximately 3250 ft. After setting 7" intermediate casing, a 6-1/4" hole will be drilled with air through the Mesaverde and into the Mancos Shale at a total depth of 5450' ± KB. After drilling to TD, logs will be run and a 4-1/2" liner will be run and cemented in place. A 10" 900 Series Double Ram BOP will be used while drilling and a rotating head will be employed during the air drilling phase. We will perforate and stimulate to test the Mesaverde intervals.

<sup>23</sup> I hereby certify that the information given above is true and complete to the best of my knowledge and belief.

Signature: *Steven S. Dunn*  
Printed name: Steven S. Dunn  
Title: Operations Manager  
Date: 5/31/94  
Phone: (505) 327-9801

OIL CONSERVATION DIVISION

Approved by: *Eric Bush*  
Title: DEPUTY OIL & GAS INSPECTOR, DIST. #3  
Approval Date: JUN - 1 1994  
Expiration Date: JUN 1 1995  
Conditions of Approval:  
Attached ☐ NSP-R-8320

# C-101 Instructions

Measurements and dimensions are to be in feet/inches. Well locations will refer to the New Mexico Principal Meridian.

IF THIS IS AN AMENDED REPORT CHECK THE BOX LABELED "AMENDED REPORT" AT THE TOP OF THIS DOCUMENT.

- 1 Operator's OGRID number. If you do not have one it will be assigned and filled in by the District office.
- 2 Operator's name and address
- 3 API number of this well. If this is a new drill the OCD will assign the number and fill this in.
- 4 Property code. If this is a new property the OCD will assign the number and fill it in.
- 5 Property name that used to be called 'well name'
- 6 The number of this well on the property.
- 7 The surveyed location of this well New Mexico Principal Meridian NOTE: If the United States government survey designates a Lot Number for this location use that number in the 'UL or lot no.' box. Otherwise use the OCD Unit Letter.

8 The proposed bottom hole location of this well at TD

9 and 10 The proposed pool(s) to which this well is being drilled.

11 Work type code from the following table:

- |   |              |
|---|--------------|
| N | New well     |
| E | Re-entry     |
| D | Drill deeper |
| P | Plugback     |
| A | Add a zone   |

12 Well type code from the following table:

- |   |                       |
|---|-----------------------|
| O | Single oil completion |
| G | Single gas completion |
| M | Multiple completion   |
| I | Injection well        |
| S | SWD well              |
| W | Water supply well     |
| C | Carbon dioxide well   |

13 Cable or rotary drilling code

- |   |                             |
|---|-----------------------------|
| C | Propose to cable tool drill |
| R | Propose to rotary drill     |

14 Lease type code from the following table:

- |   |                    |
|---|--------------------|
| F | Federal            |
| S | State              |
| P | Private            |
| N | Navajo             |
| J | Jicarilla          |
| U | Ute                |
| I | Other Indian tribe |

15 Ground level elevation above sea level

16 Intend to mutiple complete? Yes or No

17 Proposed total depth of this well

18 Geologic formation at TD

19 Name of the intended drilling company if known.

20 Anticipated spud date.

21 Proposed hole size ID inches, proposed casing OD inches, casing weight in pounds per foot, setting depth of the casing or depth and top of liner, proposed cementing volume, and estimated top of cement

22 Brief description of the proposed drilling program and SOP program. Attach additional sheets if necessary.

23 The signature, printed name, and title of the person authorized to make this report. The date this report was signed and the telephone number to call for questions about this report.

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State of New Mexico  
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION  
PO Box 2088  
Santa Fe, NM 87504-2088

Form C-102  
Revised February 21, 1994  
Instructions on back  
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State Lease - 4 Copies  
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

|   |   |  |
|---|---|--|
| <sup>1</sup> API Number<br>30-039-25416 | <sup>2</sup> Pool Code<br>72319                             | <sup>3</sup> Pool Name<br>Blanco Mesaverde |
| <sup>4</sup> Property Code<br>14133     | <sup>5</sup> Property Name<br>TRED STATE                    | <sup>6</sup> Well Number<br># 1R           |
| <sup>7</sup> OGRID No.<br>014634        | <sup>8</sup> Operator Name<br>MERRION OIL & GAS CORPORATION | <sup>9</sup> Elevation<br>6191'            |

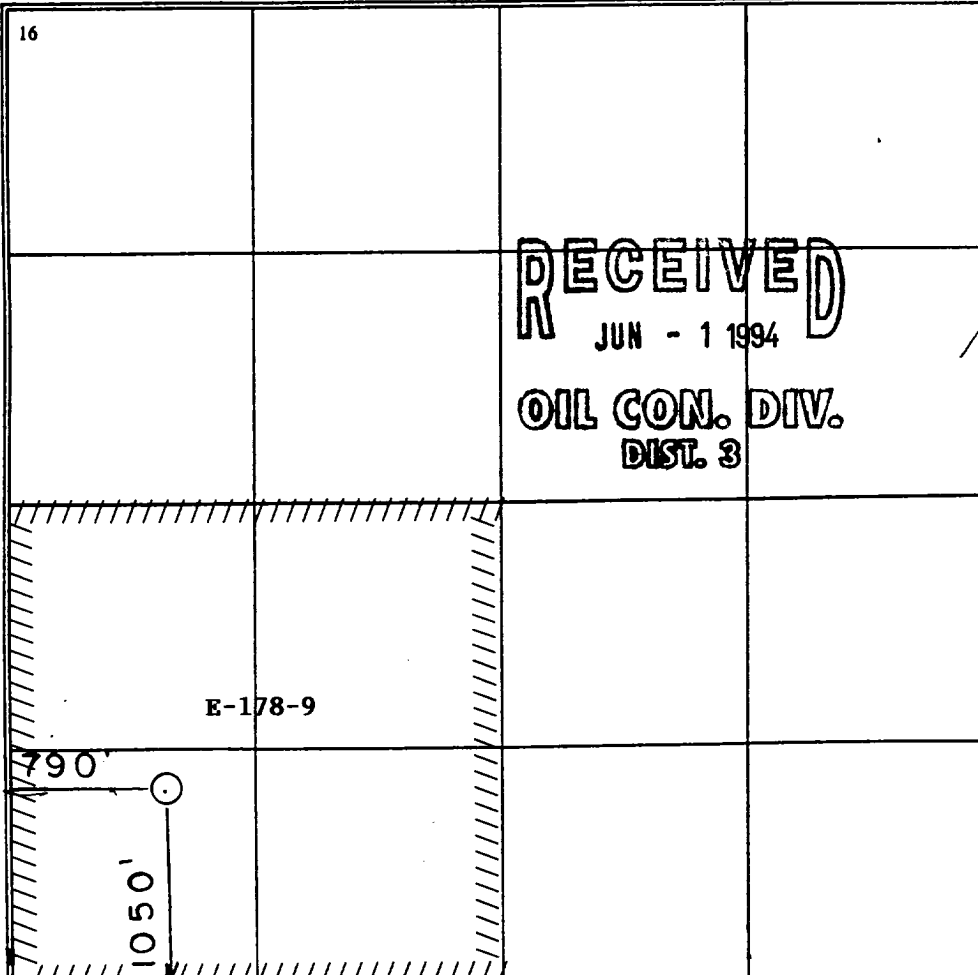

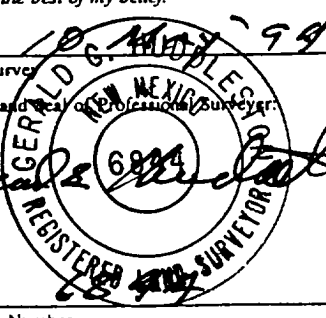
<sup>10</sup> Surface Location

| UL or lot no. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County     |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|------------|
|               | 32      | 30N      | 7W    |         | 1050          | South            | 790           | West           | RIO ARriba |

<sup>11</sup> Bottom Hole Location If Different From Surface

| UL or lot no.                        | Section                            | Township                         | Range                   | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|--------------------------------------|------------------------------------|----------------------------------|-------------------------|---------|---------------|------------------|---------------|----------------|--------|
|                                      |                                    |                                  |                         |         |               |                  |               |                |        |
| <sup>12</sup> Dedicated Acres<br>160 | <sup>13</sup> Joint or Infill<br>Y | <sup>14</sup> Consolidation Code | <sup>15</sup> Order No. |         |               |                  |               |                |        |

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED  
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

|   |  |   |
|---|--|---|
| <sup>16</sup><br> | <b>RECEIVED</b><br>JUN - 1 1994<br><b>OIL CON. DIV.</b><br>DIST. 3 | <sup>17</sup> OPERATOR CERTIFICATION<br>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief<br><br>Signature<br>Steven S. Dunn<br>Printed Name<br>Operations Manager<br>Title<br>5/31/94<br>Date  |
|   |  | <sup>18</sup> SURVEYOR CERTIFICATION<br>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.<br><br>Date of Survey<br>Signature and Seal of Professional Surveyor<br>Certificate Number |

ired State No. 1 R

IRED State # 1R  
 well pad & section

