

District I  
PO Box 1980, Hobbs, NM 88241-1980  
District II  
811 South First, Artesia, NM 88210  
District III  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV  
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION  
2040 South Pacheco  
Santa Fe, NM 87505

Form C-101  
Revised October 18, 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

<sup>1</sup> Operator Name and Address. <b>Merrion Oil &amp; Gas Corporation</b> 610 Reilly Avenue Farmington, New Mexico 87401		<sup>2</sup> OGRID Number 014634
<sup>3</sup> Property Name <b>Edna</b>		<sup>3</sup> API Number 30 - 0
<sup>4</sup> Property Code	<sup>6</sup> Well No. <b>1</b>	

<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	7	24N	6W	sww	790	South	790	West	San Juan

<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 Basin Dakota	<sup>10</sup> Proposed Pool 2
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<sup>11</sup> Work Type Code D	<sup>12</sup> Well Type Code G	<sup>13</sup> Cable/Rotary Rotary	<sup>14</sup> Lease Type Code F	<sup>15</sup> Ground Level Elevation 6898'
<sup>16</sup> Multiple No	<sup>17</sup> Proposed Depth 6927' KB	<sup>18</sup> Formation Dakota	<sup>19</sup> Contractor Professional Well Svc.	<sup>20</sup> Spud Date As Soon As Permitted

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

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
12-1/4"	8 5/8"	24 ppf	23.1' KB	180 sx	Surface
6-1/4"	4-1/2"	9.5 ppf & 11.6 ppf	5964' KB	200 sx	Surface

<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.

Merrion Oil & Gas proposes to abandon Gallup w/ 25 sx cement squeeze from 5700' - 5925'. Drill out cement plug across Dakota (6539' - 6700') and clean out open hole below casing. Will set 3 1/2", 9.2 #/ft, J55 flush jt liner from +/-5934' to +/-6927' and cement w/ 223 sx (263 ft<sup>3</sup>) cement. Will test Dakota through perforated liner. Will fracture stimulate and put on for production test.

Drilling operations will be conducted with a double ram type BOP in place, minimum working pressure 2000 psig.

Formation tops: Undif. Tertiary - Surface, Ojo Alamo - 1835', Kirtland - 1938', Fruitland - 2288', Pictured Cliffs - 2452', Lewis - 2493', Chacra - 3230', Cliffhouse - 3919', Menefee - 3970', Pt Lookout - 4683', Mancos - 4832', Gallup - 5660, Greenhorn - 6590', Dakota - 6666'.

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

Signature:

Printed name:

Connie S. Dinning

Title:

Production Engineer

Date:

October 11, 2002

Phone: 505-327-9801

OIL CONSERVATION DIVISION

Approved by:

Title:

Approval Date:

Expiration Date:

Conditions of Approval:  
Attached ☐

new Dakota Plat

# NEW MEXICO OIL CONSERVATION COMMISSION

## Well Location and Acreage Dedication Plat

### SECTION A.

Date October 11, 2002

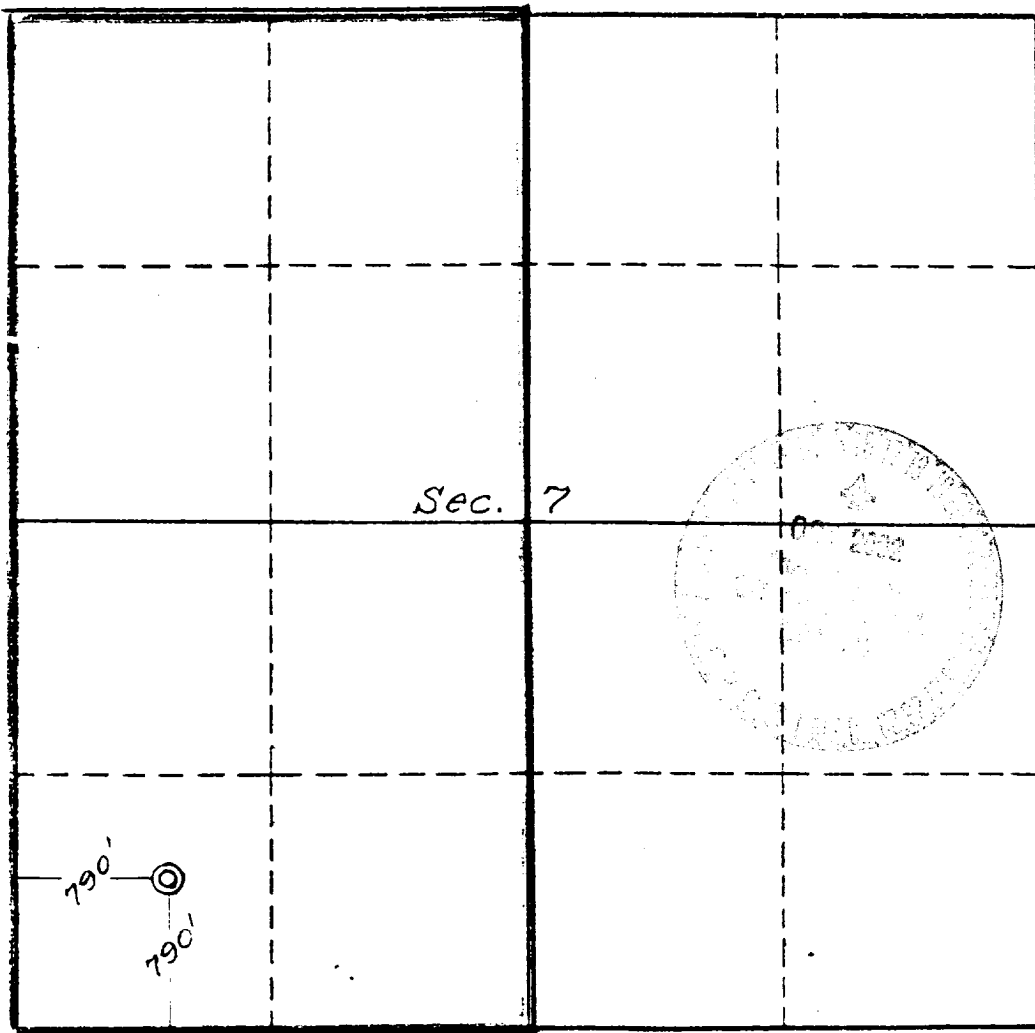
Operator Merrion Oil & Gas Lease \_\_\_\_\_  
 Well No. Edna #1 Unit Letter \_\_\_\_\_ Section 7 Township 24-North Range 6-West NMPM  
 Located 790 Feet From South Line, 790 Feet From West Line  
 County Rio Arriba G. L. Elevation 6898' Dedicated Acreage 320 Acres  
 Name of Producing Formation Dakota Pool Basin Dakota

1. Is the Operator the only owner\* in the dedicated acreage outlined on the plat below? Yes. ☒ No ☐
2. If the answer to question One is "No," have the interests of all the owners been consolidated by communitization agreement or otherwise? Yes. ☐ No. ☐ If answer is "Yes," Type of Consolidation \_\_\_\_\_
3. If the answer to question Two is "No," list all the owners and their respective interests below:

OWNER

LAND DESCRIPTION

### SECTION B.



This is to certify that the information in Section A above is true and complete to the best of my knowledge and belief.

Merrion Oil & Gas

*Connie Dinning*  
 (REPRESENTATIVE)

610 Reilly, Farmington, NM

(ADDRESS)

This is to certify that the well location shown on the plat in Section B 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 knowledge and belief.

Date Surveyed 10-5-02

Four States Engineering Co.  
 FARMINGTON, NEW MEXICO

*C. L. Votaw*  
 REGISTERED ENGINEER OR  
 LAND SURVEYOR

Certificate No. 3084

0 330 660 990 1320 1650 1980 2310 2640 2000 1500 1000 500 0