

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
811 South First, Artesia, NM 88210  
District III  
1000 Rio Brazos Road, Aztec, NM 87410  
District IV  
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico  
Energy Minerals and Natural Resources

Form C-101  
Revised March 17, 1999

Oil Conservation Division  
2040 South Pacheco  
Santa Fe, NM 87505

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<br>Mewbourne Oil Company<br>P. O. Box 7698<br>Tyler, TX 75711 |  | <sup>2</sup> OGRID Number<br>14744      |
| <sup>3</sup> Property Code<br>31995  |  | <sup>4</sup> API Number<br>30-025-36165 |
| <sup>5</sup> Property Name<br>Rocky 16 State   |  | <sup>6</sup> Well No.<br>1              |

<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             | 16      | 16S      | 35E   |         | 660           | S                | 990           | W              | Lea    |

<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>Shoe Bar; Atoka |         |          |       |         | <sup>10</sup> Proposed Pool 2 |                  |               |                |        |

|                                   |   |                                  |                                    |   |
|-----------------------------------|---|----------------------------------|------------------------------------|---|
| <sup>11</sup> Work Type Code<br>P | <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>4017' |
| <sup>16</sup> Multiple<br>No      | <sup>17</sup> Proposed Depth<br>12,975' | <sup>18</sup> Formation<br>Atoka | <sup>19</sup> Contractor           | <sup>20</sup> Spud Date                       |

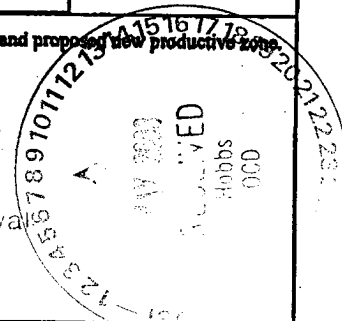
<sup>21</sup>Proposed Casing and Cement Program

| Hole Size | Casing Size | Casing weight/foot | Setting Depth | Sacks of Cement | Estimated TOC |
|-----------|-------------|--------------------|---------------|-----------------|---------------|
| 17 1/2"   | 13 3/8"     | 48#                | 463           | 398             | Surface       |
| 12 1/4"   | 8 5/8"      | 32#                | 4,505         | 1600 + 200      | Surface       |
| 7 7/8"    | 5 1/2"      | 17#                | 12,974        | 825             | Top of WC     |
|           |             |                    |               |                 |               |
|           |             |                    |               |                 |               |

<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.

Initial completion was in Lea; Mississippian perms 12,786-12,798'.  
Plan to set plug and test Shoe Bar; Atoka perms 12,388-12,396'.  
Intend to request permission to commingle production downhole.

Permit Expires 1 Year From Approval  
Date Unless Drilling Underway,  
Plug-Back



|   |  |                                   |  |
|---|--|-----------------------------------|--|
| <sup>23</sup> I hereby certify that the information given above is true and complete to the best of my knowledge and belief.<br>Signature: <i>Janet Burns</i> |  | <b>OIL CONSERVATION DIVISION</b>  |  |
| Printed name: Janet Burns   |  | Approved by: <i>[Signature]</i>   |  |
| Title: Reg. Tech.   |  | Title: <i>RETRO ENGINEER</i>      |  |
| Date: 5/6/03  |  | Approval Date: JUN 09 2003        |  |
| Phone: (903) 561-2900   |  | Expiration Date:                  |  |
|   |  | Conditions of Approval:           |  |
|   |  | Attached <input type="checkbox"/> |  |

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Energy, Minerals and Natural Resources Department

Revised March 17, 1999  
Instruction on back  
Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

OIL CONSERVATION DIVISION  
P.O. Box 2088  
Santa Fe, New Mexico 87504-2088

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

|                            |  |  |  |                              |                   |
|----------------------------|--|--|--|------------------------------|-------------------|
| API Number<br>30-025-36165 |  | Pool Code<br>86400                     |  | Pool Name<br>Shoe Bar; Atoka |                   |
| Property Code<br>31995     |  | Property Name<br>ROCKY "16" State      |  |                              | Well Number<br>1  |
| OGRID No.<br>1A7A4         |  | Operator Name<br>MEWBOURNE OIL COMPANY |  |                              | Elevation<br>4017 |

Surface Location

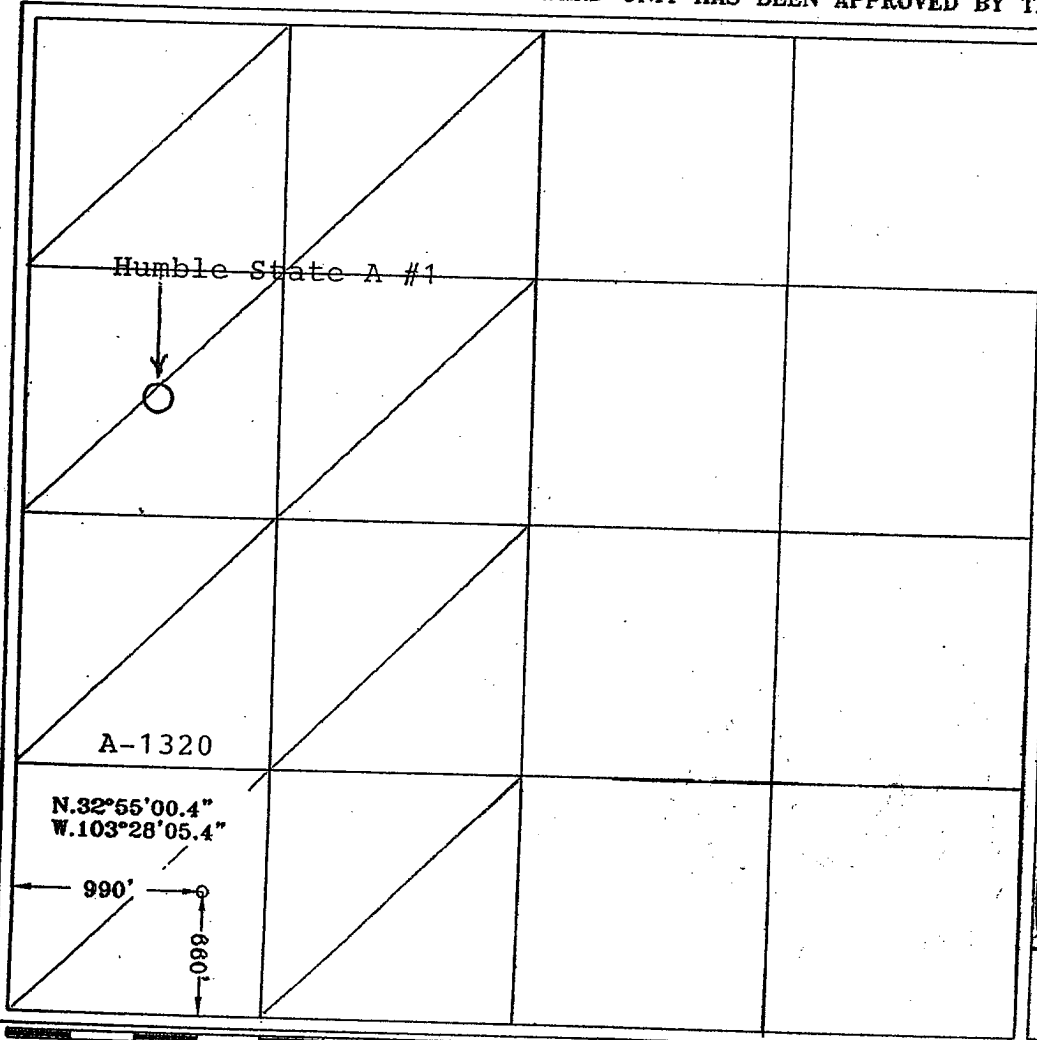
| UL or lot No. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| M             | 16      | 16S      | 35E   |         | 660           | SOUTH            | 990           | WEST           | LEA    |

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 |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
|               |         |          |       |         |               |                  |               |                |        |

|                        |                 |                    |           |
|------------------------|-----------------|--------------------|-----------|
| Dedicated Acres<br>320 | Joint or Infill | Consolidation Code | 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



|  |  |
|--|--|
| <b>OPERATOR CERTIFICATION</b><br>I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.<br><br><br>Signature<br><br>Janet Burns<br>Printed Name<br><br>Reg. Tech.<br>Title<br><br>5/6/03<br>Date   |  |
| <b>SURVEYOR CERTIFICATION</b><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>2/12/2003<br>Date Surveyed<br><br><br>Signature<br><br>Professional Surveyor<br>NEW MEXICO<br>3640<br>Certificate No. Harschel Jones RLS 3640<br>PROCKY<br>GENERAL SURVEYING COMPANY |  |

0 330' 660' 990' 1650' 1980' 2310' 2310' 1980' 1650' 990' 660' 330' 0'