

**STATE OF NEW MEXICO  
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT  
OIL CONSERVATION DIVISION**

**APPLICATIONS OF MEWBOURNE OIL  
FOR COMPULSORY POOLING, EDDY  
COUNTY, NEW MEXICO.**

**Case Nos. 23419 & 23420**

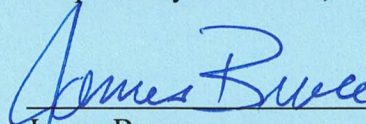
**NOTICE OF FILING ADDITIONAL EXHIBITS**

Mewbourne Oil Company submits for filing the following:

Exhibit 6-A (Case No. 23419) and Exhibit 6-B (Case No. 23420), the pooling checklists, which correct errors in the original filings.

Exhibit 8-A (Case No. 23419) and Exhibit 8-B (Case No. 23420), the C-102s containing the pool name, pool code, and unit acreage.

Respectfully submitted,

A handwritten signature in blue ink, appearing to read "James Bruce", is written over a horizontal line.

James Bruce  
Post Office Box 1056  
Santa Fe, New Mexico 87504  
(505) 982-2043  
*jamesbruc@aol.com*

Attorney for Mewbourne Oil Company

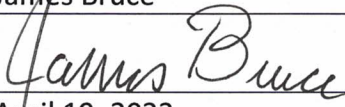


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| <b>COMPULSORY POOLING APPLICATION CHECKLIST</b>                                                                                         |                                                                                      |
| <b>ALL INFORMATION IN THE APPLICATION MUST BE SUPPORTED BY SIGNED AFFIDAVITS</b>                                                        |                                                                                      |
| <b>Case: 23419</b>                                                                                                                      | <b>APPLICANT'S RESPONSE</b>                                                          |
| <b>Date: April 20, 2023</b>                                                                                                             |                                                                                      |
| Applicant                                                                                                                               | Mewbourne Oil Company                                                                |
| Designated Operator & OGRID (affiliation if applicable)                                                                                 | Mewbourne Oil Company/Ogrid No. 14744 (same as applicant)                            |
| Applicant's Counsel:                                                                                                                    | James Bruce, Attorney at Law                                                         |
| Case Title:                                                                                                                             | Application of Mewbourne Oil Company for Compulsory Pooling, Eddy County, New Mexico |
| Entries of Appearance/Intervenors:                                                                                                      | N/A                                                                                  |
| Well Family                                                                                                                             | Rio Grande Bone Spring wells                                                         |
| <b>Formation/Pool</b>                                                                                                                   |                                                                                      |
| Formation Name(s) or Vertical Extent:                                                                                                   | Bone Spring formation                                                                |
| Primary Product (Oil or Gas):                                                                                                           | Oil                                                                                  |
| Pooling this vertical extent:                                                                                                           | Entire Bone Spring formation                                                         |
| Pool Name and Pool Code:                                                                                                                | Palmillo; Bone Spring, East (Pool Code 49553)                                        |
| Well Location Setback Rules:                                                                                                            | Statewide Rules                                                                      |
| <b>Spacing Unit</b>                                                                                                                     |                                                                                      |
| Type (Horizontal/Vertical)                                                                                                              | Horizontal                                                                           |
| Size (Acres)                                                                                                                            | 320 acres                                                                            |
| Building Blocks:                                                                                                                        | 40 acres                                                                             |
| Orientation:                                                                                                                            | West-East                                                                            |
| Description: TRS/County                                                                                                                 | N/2S/2 §2 and N/2S/2 §1, Township 19 South, Range 28 East, NMPM, Eddy County         |
| Standard Horizontal Well Spacing Unit (Y/N), If No, describe <u>and is approval of non-standard unit requested in this application?</u> | Yes<br><br>EXHIBIT 6-A                                                               |
| <b>Other Situations</b>                                                                                                                 |                                                                                      |
| Depth Severance: Y/N. If yes, description                                                                                               | No                                                                                   |
| Proximity Tracts: If yes, description                                                                                                   | No                                                                                   |
| Proximity Defining Well: if yes,                                                                                                        | No                                                                                   |

|                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                         |
|----------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| description                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                         |
| Applicant's Ownership in Each Tract                                                                                                                | Exhibit 2B                                                                                                                                                                                                                                                                                                                                              |
| <b>Well(s)</b>                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                         |
| Name & API (if assigned), surface and bottom hole location, footages, completion target, orientation, completion status (standard or non-standard) | <p>Rio Grande 2/1 B2LI State Com. Well No. 1H<br/> API No. 30-015-Pending<br/> SHL: 800 FSL &amp; 220 FWL §2<br/> BHL: 1950 FSL &amp; 100 FEL §1<br/> FTP: 1950 FSL &amp; 100 FWL §2<br/> LTP: 1950 FSL &amp; 100 FEL §1</p> <p>Target formation: Second Bone Spring Sand; West-East orientation<br/> TVD 7670 feet, MD 17639 feet<br/> Not drilled</p> |
| Well #2                                                                                                                                            | <p>Rio Grande 2/1 B3LI State Com. Well No. 1H<br/> API No. 30-015-Pending<br/> SHL: 780 FSL &amp; 220 FWL §2<br/> BHL: 1950 FSL &amp; 100 FEL §1<br/> FTP: 1950 FSL &amp; 100 FWL §2<br/> LTP: 1950 FSL &amp; 100 FEL §1</p> <p>Target formation: Third Bone Spring Sand; West-East orientation<br/> TVD 8661 feet, MD 18597 feet<br/> Not drilled</p>  |
| Horizontal Well First and Last Take Points                                                                                                         | See above                                                                                                                                                                                                                                                                                                                                               |
| Completion Target (Formation, TVD and MD)                                                                                                          | See above                                                                                                                                                                                                                                                                                                                                               |
| <b>AFE Capex and Operating Costs</b>                                                                                                               |                                                                                                                                                                                                                                                                                                                                                         |
| Drilling Supervision/Month \$                                                                                                                      | \$8000                                                                                                                                                                                                                                                                                                                                                  |
| Production Supervision/Month \$                                                                                                                    | \$800                                                                                                                                                                                                                                                                                                                                                   |
| Justification for Supervision Costs                                                                                                                | Exhibit 2, page 2 and Exhibit 2C                                                                                                                                                                                                                                                                                                                        |
| Requested Risk Charge                                                                                                                              | 200%                                                                                                                                                                                                                                                                                                                                                    |
| <b>Notice of Hearing</b>                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                         |
| Proposed Notice of Hearing                                                                                                                         | Exhibit 1                                                                                                                                                                                                                                                                                                                                               |
| Proof of Mailed Notice of Hearing (20 days before hearing)                                                                                         | Exhibit 4                                                                                                                                                                                                                                                                                                                                               |
| Proof of Published Notice of Hearing (10 days before hearing)                                                                                      | Exhibit 5                                                                                                                                                                                                                                                                                                                                               |
| <b>Ownership Determination</b>                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                         |
| Land Ownership Schematic of the Spacing Unit                                                                                                       | Exhibit 2B                                                                                                                                                                                                                                                                                                                                              |
| Tract List (including lease                                                                                                                        | Exhibit 2B                                                                                                                                                                                                                                                                                                                                              |



|                                                                                                                                                  |                                      |
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| numbers and owners)                                                                                                                              |                                      |
| If approval of Non-Standard Spacing Unit is requested, Tract List (including lease numbers and owners) of Tracts subject to notice requirements. | N/A                                  |
| Pooled Parties (including ownership type)                                                                                                        | Exhibit 2B (Working Interest Owners) |
| Unlocatable Parties to be Pooled                                                                                                                 | Yes                                  |
| Ownership Depth Severance (including percentage above & below)                                                                                   | N/A                                  |
| <b>Joinder</b>                                                                                                                                   |                                      |
| Sample Copy of Proposal Letter                                                                                                                   | Exhibit 2C                           |
| List of Interest Owners (i.e. Exhibit A of JOA)                                                                                                  | Exhibit 2B                           |
| Chronology of Contact with Non-Joined Working Interests                                                                                          |                                      |
| Overhead Rates In Proposal Letter                                                                                                                | \$8000/\$800                         |
| Cost Estimate to Drill and Complete                                                                                                              | Exhibit 2D                           |
| Cost Estimate to Equip Well                                                                                                                      | Exhibit 2D                           |
| Cost Estimate for Production Facilities                                                                                                          | Exhibit 2D                           |
| <b>Geology</b>                                                                                                                                   |                                      |
| Summary (including special considerations)                                                                                                       | Exhibit 3                            |
| Spacing Unit Schematic                                                                                                                           | Exhibit 3A                           |
| Gunbarrel/Lateral Trajectory Schematic                                                                                                           | Exhibit 3B                           |
| Well Orientation (with rationale)                                                                                                                | Exhibits 3 and 3C                    |
| Target Formation                                                                                                                                 | Bone Spring                          |
| HSU Cross Section                                                                                                                                | Exhibit 3B                           |
| Depth Severance Discussion                                                                                                                       | N/A                                  |
| <b>Forms, Figures and Tables</b>                                                                                                                 |                                      |
| C-102                                                                                                                                            | Exhibit 2A                           |
| Tracts                                                                                                                                           | Exhibit 2B                           |
| Summary of Interests, Unit Recapitulation (Tracts)                                                                                               | Exhibit 2B                           |
| General Location Map (including                                                                                                                  | Exhibit 2A                           |

|                                                                                                                  |                                                                                   |
|------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|
| basin)                                                                                                           |                                                                                   |
| Well Bore Location Map                                                                                           | Exhibit 2A                                                                        |
| Structure Contour Map - Subsea Depth                                                                             | Exhibit 3A                                                                        |
| Cross Section Location Map (including wells)                                                                     | Exhibit 3A                                                                        |
| Cross Section (including Landing Zone)                                                                           | Exhibit 3B                                                                        |
| <b>Additional Information</b>                                                                                    |                                                                                   |
| Special Provisions/Stipulations                                                                                  | N/A                                                                               |
| <b>CERTIFICATION: I hereby certify that the information provided in this checklist is complete and accurate.</b> |                                                                                   |
| <b>Printed Name</b> (Attorney or Party Representative):                                                          | James Bruce                                                                       |
| <b>Signed Name</b> (Attorney or Party Representative):                                                           |  |
| <b>Date:</b>                                                                                                     | April 19, 2023                                                                    |



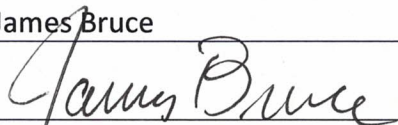
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| <b>COMPULSORY POOLING APPLICATION CHECKLIST</b>                                                                                         |                                                                                      |
| <b>ALL INFORMATION IN THE APPLICATION MUST BE SUPPORTED BY SIGNED AFFIDAVITS</b>                                                        |                                                                                      |
| <b>Case: 23420</b>                                                                                                                      | <b>APPLICANT'S RESPONSE</b>                                                          |
| <b>Date: April 20, 2023</b>                                                                                                             |                                                                                      |
| Applicant                                                                                                                               | Mewbourne Oil Company                                                                |
| Designated Operator & OGRID (affiliation if applicable)                                                                                 | Mewbourne Oil Company/Ogrid No. 14744 (same as applicant)                            |
| Applicant's Counsel:                                                                                                                    | James Bruce, Attorney at Law                                                         |
| Case Title:                                                                                                                             | Application of Mewbourne Oil Company for Compulsory Pooling, Eddy County, New Mexico |
| Entries of Appearance/Intervenors:                                                                                                      | N/A                                                                                  |
| Well Family                                                                                                                             | Rio Grande Bone Spring wells                                                         |
| <b>Formation/Pool</b>                                                                                                                   |                                                                                      |
| Formation Name(s) or Vertical Extent:                                                                                                   | Bone Spring formation                                                                |
| Primary Product (Oil or Gas):                                                                                                           | Oil                                                                                  |
| Pooling this vertical extent:                                                                                                           | Entire Bone Spring formation                                                         |
| Pool Name and Pool Code:                                                                                                                | Palmillo; Bone Spring, East (Pool Code 49553)                                        |
| Well Location Setback Rules:                                                                                                            | Statewide Rules                                                                      |
| <b>Spacing Unit</b>                                                                                                                     |                                                                                      |
| Type (Horizontal/Vertical)                                                                                                              | Horizontal                                                                           |
| Size (Acres)                                                                                                                            | 320 acres                                                                            |
| Building Blocks:                                                                                                                        | 40 acres                                                                             |
| Orientation:                                                                                                                            | West-East                                                                            |
| Description: TRS/County                                                                                                                 | S/2S/2 §2 and S/2S/2 §1, Township 19 South, Range 28 East, NMPM, Eddy County         |
| Standard Horizontal Well Spacing Unit (Y/N), If No, describe <u>and is approval of non-standard unit requested in this application?</u> | Yes<br><br>EXHIBIT 6-B                                                               |
| <b>Other Situations</b>                                                                                                                 |                                                                                      |
| Depth Severance: Y/N. If yes, description                                                                                               | No                                                                                   |
| Proximity Tracts: If yes, description                                                                                                   | No                                                                                   |
| Proximity Defining Well: if yes,                                                                                                        | No                                                                                   |

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| description                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                      |
| Applicant's Ownership in Each Tract                                                                                                                | Exhibit 2B                                                                                                                                                                                                                                                                                                                                           |
| <b>Well(s)</b>                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                      |
| Name & API (if assigned), surface and bottom hole location, footages, completion target, orientation, completion status (standard or non-standard) | <p>Rio Grande 2/1 B2MP State Com. Well No. 1H<br/> API No. 30-015-Pending<br/> SHL: 740 FSL &amp; 220 FWL §2<br/> BHL: 660 FSL &amp; 100 FEL §1<br/> FTP: 660 FSL &amp; 100 FWL §2<br/> LTP: 660 FSL &amp; 100 FEL §1</p> <p>Target formation: Second Bone Spring Sand; West-East orientation<br/> TVD 7700 feet, MD 17525 feet<br/> Not drilled</p> |
| Well #2                                                                                                                                            | <p>Rio Grande 2/1 B3MP State Com. Well No. 1H<br/> API No. 30-015-Pending<br/> SHL: 760 FSL &amp; 220 FWL §2<br/> BHL: 660 FSL &amp; 100 FEL §1<br/> FTP: 660 FSL &amp; 100 FWL §2<br/> LTP: 660 FSL &amp; 100 FEL §1</p> <p>Target formation: Third Bone Spring Sand; West-East orientation<br/> TVD 8684 feet, MD 18528 feet<br/> Not drilled</p>  |
| Horizontal Well First and Last Take Points                                                                                                         | See above                                                                                                                                                                                                                                                                                                                                            |
| Completion Target (Formation, TVD and MD)                                                                                                          | See above                                                                                                                                                                                                                                                                                                                                            |
| <b>AFE Capex and Operating Costs</b>                                                                                                               |                                                                                                                                                                                                                                                                                                                                                      |
| Drilling Supervision/Month \$                                                                                                                      | \$8000                                                                                                                                                                                                                                                                                                                                               |
| Production Supervision/Month \$                                                                                                                    | \$800                                                                                                                                                                                                                                                                                                                                                |
| Justification for Supervision Costs                                                                                                                | Exhibit 2, page 2 and Exhibit 2C                                                                                                                                                                                                                                                                                                                     |
| Requested Risk Charge                                                                                                                              | 200%                                                                                                                                                                                                                                                                                                                                                 |
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| Ownership Depth Severance (including percentage above & below)                                                                                   | N/A                                  |
| <b>Joinder</b>                                                                                                                                   |                                      |
| Sample Copy of Proposal Letter                                                                                                                   | Exhibit 2C                           |
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| Overhead Rates In Proposal Letter                                                                                                                | \$8000/\$800                         |
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| Cost Estimate to Equip Well                                                                                                                      | Exhibit 2D                           |
| Cost Estimate for Production Facilities                                                                                                          | Exhibit 2D                           |
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| Target Formation                                                                                                                                 | Bone Spring                          |
| HSU Cross Section                                                                                                                                | Exhibit 3B                           |
| Depth Severance Discussion                                                                                                                       | N/A                                  |
| <b>Forms, Figures and Tables</b>                                                                                                                 |                                      |
| C-102                                                                                                                                            | Exhibit 2A                           |
| Tracts                                                                                                                                           | Exhibit 2B                           |
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| Cross Section Location Map (including wells)                                                                     | Exhibit 3A                                                                        |
| Cross Section (including Landing Zone)                                                                           | Exhibit 3B                                                                        |
| <b>Additional Information</b>                                                                                    |                                                                                   |
| Special Provisions/Stipulations                                                                                  | N/A                                                                               |
| <b>CERTIFICATION: I hereby certify that the information provided in this checklist is complete and accurate.</b> |                                                                                   |
| <b>Printed Name</b> (Attorney or Party Representative):                                                          | James Bruce                                                                       |
| <b>Signed Name</b> (Attorney or Party Representative):                                                           |  |
| <b>Date:</b>                                                                                                     | April 19, 2023                                                                    |

District I  
1625 N French Dr., Hobbs, NM 88240  
Phone: (575) 393-6161 Fax: (575) 393-0720  
District II  
811 S First St., Artesia, NM 88210  
Phone: (575) 748-1283 Fax: (575) 748-9720  
District III  
1000 Rio Brazos Road, Aztec, NM 87410  
Phone: (505) 334-6178 Fax: (505) 334-6170  
District IV  
1220 S St. Francis Dr., Santa Fe, NM 87505  
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico  
Energy, Minerals & Natural Resources Department  
OIL CONSERVATION DIVISION  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Form C-102  
Revised August 1, 2011  
Submit one copy to appropriate  
District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

|                                     |                                                             |                                                       |
|-------------------------------------|-------------------------------------------------------------|-------------------------------------------------------|
| <sup>1</sup> API Number             | <sup>2</sup> Pool Code<br>49553                             | <sup>3</sup> Pool Name<br>Palmillo; Bone Spring, East |
| <sup>4</sup> Property Code<br>14744 | <sup>5</sup> Property Name<br>RIO GRANDE 2/1 B2LI STATE COM | <sup>6</sup> Well Number<br>1H                        |
| <sup>7</sup> GRID NO.               | <sup>8</sup> Operator Name<br>MEWBOURNE OIL COMPANY         | <sup>9</sup> Elevation<br>3468'                       |

<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 |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| M             | 2       | 19S      | 28E   |         | 800           | SOUTH            | 220           | WEST           | EDDY   |

<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 |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| I             | 1       | 19S      | 28E   |         | 1950          | SOUTH            | 100           | EAST           | EDDY   |

|                                      |                               |                                  |                                |
|--------------------------------------|-------------------------------|----------------------------------|--------------------------------|
| <sup>12</sup> Dedicated Acres<br>3.0 | <sup>13</sup> Joint or Infill | <sup>14</sup> Consolidation Code | <sup>15</sup> Order No.<br>8.A |
|--------------------------------------|-------------------------------|----------------------------------|--------------------------------|

No allowable will be assigned to this completion until all

EXHIBIT

has been approved by the division.

|                                                                                                                                                                                                                                                                                                                                                                                                                               |  |                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |
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| <p><sup>16</sup> GEODETIC DATA<br/>NAD 83 GRID - NM EAST</p> <p><sup>17</sup> SURFACE LOCATION<br/>N: 612895.0 - E: 596201.9<br/>LAT: 32.6847656° N<br/>LONG: 104.1550068° W</p> <p><sup>18</sup> BOTTOM HOLE<br/>N: 614172.8 - E: 606276.8<br/>LAT: 32.6882271° N<br/>LONG: 104.122521° W</p>                                                                                                                                |  | <p>CORNER DATA<br/>NAD 83 GRID - NM EAST</p> <p>A: FOUND BRASS CAP "1941"<br/>N: 612093.1 - E: 595974.2</p> <p>B: FOUND BRASS CAP "1941"<br/>N: 614733.6 - E: 595999.8</p> <p>C: FOUND BRASS CAP "1914"<br/>N: 617384.0 - E: 596024.3</p> <p>D: FOUND BRASS CAP "1914"<br/>N: 617416.7 - E: 598612.6</p> <p>E: FOUND BRASS CAP "1914"<br/>N: 617450.3 - E: 601201.0</p> <p>F: FOUND BRASS CAP "1914"<br/>N: 617483.0 - E: 603789.7</p> |  | <p>G: FOUND BRASS CAP "1914"<br/>N: 617517.3 - E: 606378.0</p> <p>H: FOUND BRASS CAP "1941"<br/>N: 614873.3 - E: 606380.7</p> <p>I: FOUND BRASS CAP "1941"<br/>N: 612224.9 - E: 606365.7</p> <p>J: FOUND BRASS CAP "1941"<br/>N: 612183.7 - E: 603768.0</p> <p>K: FOUND BRASS CAP "1941"<br/>N: 612140.9 - E: 601171.0</p> <p>L: FOUND BRASS CAP "1941"<br/>N: 612118.4 - E: 598572.7</p> <p>M: FOUND BRASS CAP "1941"<br/>N: 614783.6 - E: 601186.0</p> |  | <p><sup>19</sup> ERATOR CERTIFICATION<br/>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division</p> <p>Signature _____ Date _____</p> <p>Printed Name _____</p> <p>E-mail Address _____</p> |  |
| <p><sup>20</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.</p> <p>07/21/2022<br/>Date of Survey</p> <p>Signature and Seal of Professional Surveyor<br/>ROBERT M. HOWETT<br/>NEW MEXICO<br/>19680<br/>PROFESSIONAL SURVEYOR</p> |  | <p>19680<br/>Certificate Number</p> <p>LS22070864</p>                                                                                                                                                                                                                                                                                                                                                                                  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |



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Revised August 1, 2011  
Submit one copy to appropriate  
District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

|                 |                               |                             |
|-----------------|-------------------------------|-----------------------------|
| 1 API Number    | 2 Pool Code                   | 3 Pool Name                 |
|                 | 49553                         | Palmille; Bone Spring, East |
| 4 Property Code | 5 Property Name               | 6 Well Number               |
|                 | RIO GRANDE 2/1 B3LI STATE COM | 1H                          |
| 7 GRID NO       | 8 Operator Name               | 9 Elevation                 |
| 14744           | MEWBOURNE OIL COMPANY         | 3469'                       |

10 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             | 2       | 19S      | 28E   |         | 780           | SOUTH            | 220           | WEST           | EDDY   |

11 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 |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| I             | 1       | 19S      | 28E   |         | 1950          | SOUTH            | 100           | EAST           | EDDY   |

| 12 Dedicated Acres | 13 Joint or Infill | 14 Consolidation Code | 15 Order No. |
|--------------------|--------------------|-----------------------|--------------|
| 320                |                    |                       |              |

No allowable will be assigned to this completion until all interest have been consolidated or a non-standard unit has been approved by the division.

|                                                                                                                                                                                                                                                                                                                                                                                         |  |                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| <p>16</p> <p>GEODETIC DATA<br/>NAD 83 GRID - NM EAST</p> <p>SURFACE LOCATION<br/>N: 612875.0 - E: 596201.7</p> <p>LAT: 32.6847107° N<br/>LONG: 104.1550075° W</p> <p>BOTTOM HOLE<br/>N: 614172.8 - E: 606276.8</p> <p>LAT: 32.6882271° N<br/>LONG: 104.1222521° W</p>                                                                                                                   |  | <p>CORNER DATA<br/>NAD 83 GRID - NM EAST</p> <p>A: FOUND BRASS CAP "1941"<br/>N: 612093.1 - E: 595974.2</p> <p>B: FOUND BRASS CAP "1941"<br/>N: 614733.6 - E: 595999.8</p> <p>C: FOUND BRASS CAP "1914"<br/>N: 617384.0 - E: 596024.3</p> <p>D: FOUND BRASS CAP "1914"<br/>N: 617416.7 - E: 598612.6</p> <p>E: FOUND BRASS CAP "1914"<br/>N: 617450.3 - E: 601201.0</p> <p>F: FOUND BRASS CAP "1914"<br/>N: 617483.0 - E: 603789.7</p> |  | <p>G: FOUND BRASS CAP "1914"<br/>N: 617517.3 - E: 606378.0</p> <p>H: FOUND BRASS CAP "1941"<br/>N: 614873.3 - E: 606380.7</p> <p>I: FOUND BRASS CAP "1941"<br/>N: 612224.9 - E: 606365.7</p> <p>J: FOUND BRASS CAP "1941"<br/>N: 612183.7 - E: 603768.0</p> <p>K: FOUND BRASS CAP "1941"<br/>N: 612140.9 - E: 601171.0</p> <p>L: FOUND BRASS CAP "1941"<br/>N: 612118.4 - E: 598572.7</p> <p>M: FOUND BRASS CAP "1941"<br/>N: 614783.6 - E: 601186.0</p> |  | <p>17 OPERATOR CERTIFICATION</p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division</p> <p>Signature _____ Date _____</p> <p>Printed Name _____</p> <p>E-mail Address _____</p> |  |
| <p>18 SURVEYOR CERTIFICATION</p> <p>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.</p> <p>07/21/2022<br/>Date of Survey</p> <p>Signature and Seal of Professional Surveyor _____</p> <p>19680<br/>Certificate Number</p> |  | <p>LS22070866</p>                                                                                                                                                                                                                                                                                                                                                                                                                      |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |

District I  
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Phone: (575) 393-6161 Fax: (575) 393-0720  
District II  
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Phone: (575) 748-1283 Fax: (575) 748-9720  
District III  
1000 Rio Brazos Road, Aztec, NM 87410  
Phone: (505) 334-6178 Fax: (505) 334-6170  
District IV  
1220 S St. Francis Dr., Santa Fe, NM 87505  
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico  
Energy, Minerals & Natural Resources Department  
OIL CONSERVATION DIVISION  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Form C-102  
Revised August 1, 2011  
Submit one copy to appropriate  
District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

|                 |                               |                             |
|-----------------|-------------------------------|-----------------------------|
| 1 API Number    | 2 Pool Code                   | 3 Pool Name                 |
|                 | 49553                         | Palmillo; Bone Spring, East |
| 4 Property Code | 5 Property Name               | 6 Well Number               |
|                 | RIO GRANDE 2/1 B2MP STATE COM | 1H                          |
| 7 GRID NO       | 8 Operator Name               | 9 Elevation                 |
| 14744           | MEWBOURNE OIL COMPANY         | 3470'                       |

10 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             | 2       | 19S      | 28E   |         | 740           | SOUTH            | 220           | WEST           | EDDY   |

11 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 |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| P             | 1       | 19S      | 28E   |         | 660           | SOUTH            | 100           | EAST           | EDDY   |

| 12 Dedicated Acres | 13 Joint or Infill | 14 Consolidation Code |
|--------------------|--------------------|-----------------------|
| 320                |                    |                       |

EXHIBIT

8-B

No allowable will be assigned to this completion unit

unit has been approved by the division.

|                                                                                                                                                                                                                                                                                                                                                                                   |  |                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| <p>16</p> <p><u>GEODETIC DATA</u><br/>NAD 83 GRID - NM EAST</p> <p><u>SURFACE LOCATION</u><br/>N: 612835.0 - E: 596201.3<br/>LAT: 32.6846008° N<br/>LONG: 104.1550089° W</p> <p><u>BOTTOM HOLE</u><br/>N: 612883.2 - E: 606269.4<br/>LAT: 32.6846823° N<br/>LONG: 104.1222842° W</p>                                                                                              |  | <p><u>CORNER DATA</u><br/>NAD 83 GRID - NM EAST</p> <p>A: FOUND BRASS CAP "1941"<br/>N: 612093.1 - E: 595974.2</p> <p>B: FOUND BRASS CAP "1941"<br/>N: 614733.6 - E: 595999.8</p> <p>C: FOUND BRASS CAP "1914"<br/>N: 617384.0 - E: 596024.3</p> <p>D: FOUND BRASS CAP "1914"<br/>N: 617416.7 - E: 598612.6</p> <p>E: FOUND BRASS CAP "1914"<br/>N: 617450.3 - E: 601201.0</p> <p>F: FOUND BRASS CAP "1914"<br/>N: 617483.0 - E: 603789.7</p> |  | <p>G: FOUND BRASS CAP "1914"<br/>N: 617517.3 - E: 606378.0</p> <p>H: FOUND BRASS CAP "1941"<br/>N: 614873.3 - E: 606380.7</p> <p>I: FOUND BRASS CAP "1941"<br/>N: 612224.9 - E: 606365.7</p> <p>J: FOUND BRASS CAP "1941"<br/>N: 612183.7 - E: 603768.0</p> <p>K: FOUND BRASS CAP "1941"<br/>N: 612140.9 - E: 601171.0</p> <p>L: FOUND BRASS CAP "1941"<br/>N: 612118.4 - E: 598572.7</p> <p>M: FOUND BRASS CAP "1941"<br/>N: 614783.6 - E: 601186.0</p> |  | <p>17 OPERATOR CERTIFICATION</p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</p> <p>Signature _____ Date _____</p> <p>Printed Name _____</p> <p>E-mail Address _____</p> |  |
| <p>18 SURVEYOR CERTIFICATION</p> <p>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.</p> <p>07/21/2022<br/>Date of Survey</p> <p>Signature and Seal of Professional Surveyor</p> <p>19680<br/>Certificate Number</p> |  | <p>LS22070865</p>                                                                                                                                                                                                                                                                                                                                                                                                                             |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |



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Submit one copy to appropriate  
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☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

|                                     |                                                             |                                                      |
|-------------------------------------|-------------------------------------------------------------|------------------------------------------------------|
| <sup>1</sup> API Number             | <sup>2</sup> Pool Code<br>49553                             | <sup>3</sup> Pool Name<br>Palmito; Bone Spring, East |
| <sup>4</sup> Property Code<br>14744 | <sup>5</sup> Property Name<br>RIO GRANDE 2/1 B3MP STATE COM | <sup>6</sup> Well Number<br>1H                       |
| <sup>7</sup> OGRID NO               | <sup>8</sup> Operator Name<br>MEWBOURNE OIL COMPANY         | <sup>9</sup> Elevation<br>3470'                      |

<sup>10</sup> Surface Location

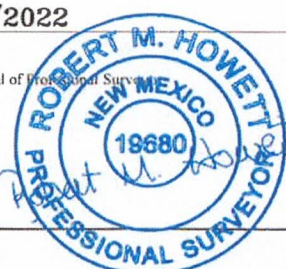
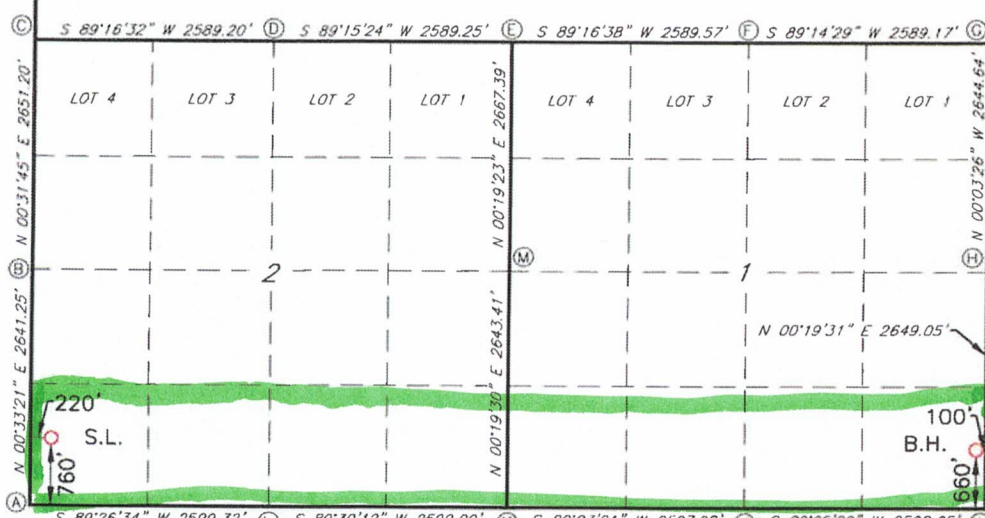
| UL or lot no. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet From the | East/West line | County |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| M             | 2       | 19S      | 28E   |         | 760           | SOUTH            | 220           | WEST           | EDDY   |

<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 |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| P             | 1       | 19S      | 28E   |         | 660           | SOUTH            | 100           | EAST           | EDDY   |

|                                      |                               |                                  |                         |
|--------------------------------------|-------------------------------|----------------------------------|-------------------------|
| <sup>12</sup> Dedicated Acres<br>320 | <sup>13</sup> Joint or Infill | <sup>14</sup> Consolidation Code | <sup>15</sup> Order No. |
|--------------------------------------|-------------------------------|----------------------------------|-------------------------|

No allowable will be assigned to this completion until all interest have been consolidated or a non-standard unit has been approved by the division.

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| <sup>16</sup><br><b>GEODETIC DATA</b><br>NAD 83 GRID - NM EAST<br><br><b>SURFACE LOCATION</b><br>N: 612855.0 - E: 596201.5<br><br>LAT: 32.6846557° N<br>LONG: 104.1550081° W<br><br><b>BOTTOM HOLE</b><br>N: 612883.2 - E: 606269.4<br><br>LAT: 32.6846823° N<br>LONG: 104.1222842° W                                                                                                                                                                                                 |  | <b>CORNER DATA</b><br>NAD 83 GRID - NM EAST<br><br>A: FOUND BRASS CAP "1941"<br>N: 612093.1 - E: 595974.2<br><br>B: FOUND BRASS CAP "1941"<br>N: 614733.6 - E: 595999.8<br><br>C: FOUND BRASS CAP "1941"<br>N: 617384.0 - E: 596024.3<br><br>D: FOUND BRASS CAP "1941"<br>N: 617416.7 - E: 598612.6<br><br>E: FOUND BRASS CAP "1941"<br>N: 617450.3 - E: 601201.0<br><br>F: FOUND BRASS CAP "1941"<br>N: 617483.0 - E: 603789.7 |  | G: FOUND BRASS CAP "1914"<br>N: 617517.3 - E: 606378.0<br><br>H: FOUND BRASS CAP "1941"<br>N: 614873.3 - E: 606380.7<br><br>I: FOUND BRASS CAP "1941"<br>N: 612224.9 - E: 606365.7<br><br>J: FOUND BRASS CAP "1941"<br>N: 612183.7 - E: 603768.0<br><br>K: FOUND BRASS CAP "1941"<br>N: 612140.9 - E: 601171.0<br><br>L: FOUND BRASS CAP "1941"<br>N: 612118.4 - E: 598572.7<br><br>M: FOUND BRASS CAP "1941"<br>N: 614783.6 - E: 601186.0 |  | <b><sup>17</sup> OPERATOR CERTIFICATION</b><br>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.<br><br>Signature _____ Date _____<br><br>Printed Name _____<br><br>E-mail Address _____ |  |
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|                                                                                                                                                                                                                                                                                                                                                                                                    |  |                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |

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