

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
811 S. First St., Artesia, NM 88210  
District III  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals & Natural Resources

Form C-104  
Revised August 1, 2011

Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Submit one copy to appropriate District Office

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

|                                                                                                   |                                                         |                                                                      |
|---------------------------------------------------------------------------------------------------|---------------------------------------------------------|----------------------------------------------------------------------|
| <sup>1</sup> Operator name and Address<br>Mewbourne Oil Company<br>PO Box 5270<br>Hobbs, NM 88241 |                                                         | <sup>2</sup> OGRID Number<br>14744                                   |
|                                                                                                   |                                                         | <sup>3</sup> Reason for Filing Code/ Effective Date<br>NW/ 8-11-2021 |
| <sup>4</sup> API Number<br>30 – 015-46230                                                         | <sup>5</sup> Pool Name<br>Purple Sage, Wolfcamp         | <sup>6</sup> Pool Code<br>98220                                      |
| <sup>7</sup> Property Code<br>326043                                                              | <sup>8</sup> Property Name<br>Wingman 12/11 W0PM St Com | <sup>9</sup> Well Number<br>1H                                       |

II. <sup>10</sup> Surface Location

| UL or lot no.<br>P | Section<br>12 | Township<br>23S | Range<br>26E | Lot Idn | Feet from the<br>630 | North/South Line<br>SOUTH | Feet from the<br>300 | East/West line<br>EAST | County<br>EDDY |
|--------------------|---------------|-----------------|--------------|---------|----------------------|---------------------------|----------------------|------------------------|----------------|
|--------------------|---------------|-----------------|--------------|---------|----------------------|---------------------------|----------------------|------------------------|----------------|

<sup>11</sup> Bottom Hole Location

| UL or lot no.<br>M          | Section<br>11                                      | Township<br>23S                                   | Range<br>26E                      | Lot Idn                            | Feet from the<br>488                | North/South line<br>SOUTH | Feet from the<br>330 | East/West line<br>WEST | County<br>EDDY |
|-----------------------------|----------------------------------------------------|---------------------------------------------------|-----------------------------------|------------------------------------|-------------------------------------|---------------------------|----------------------|------------------------|----------------|
| <sup>12</sup> Lse Code<br>S | <sup>13</sup> Producing Method<br>Code<br>Gas Lift | <sup>14</sup> Gas Connection<br>Date<br>8/11/2021 | <sup>15</sup> C-129 Permit Number | <sup>16</sup> C-129 Effective Date | <sup>17</sup> C-129 Expiration Date |                           |                      |                        |                |

III. Oil and Gas Transporters

| <sup>18</sup> Transporter<br>OGRID | <sup>19</sup> Transporter Name<br>and Address                   | <sup>20</sup> O/G/W |
|------------------------------------|-----------------------------------------------------------------|---------------------|
|                                    | Oryx<br>4000 N Big Spring<br>Suite 400<br><br>Midland, TX 79705 | O                   |
| 151618                             | Enterprise Field Service<br>PO Box 4503<br>Houston, TX<br>77210 | G                   |

IV. Well Completion Data

|                                      |                                       |                           |                             |                                               |                              |
|--------------------------------------|---------------------------------------|---------------------------|-----------------------------|-----------------------------------------------|------------------------------|
| <sup>21</sup> Spud Date<br>3/19/2021 | <sup>22</sup> Ready Date<br>8/11/2021 | <sup>23</sup> TD<br>18954 | <sup>24</sup> PBDT<br>18940 | <sup>25</sup> Perforations<br>8934' – 18,900' | <sup>26</sup> DHC, MC<br>N/A |
| <sup>27</sup> Hole Size              | <sup>28</sup> Casing & Tubing Size    | <sup>29</sup> Depth Set   | <sup>30</sup> Sacks Cement  |                                               |                              |
| 17 ½"                                | 13 3/8" 54.5# J55                     | 496'                      | 550                         |                                               |                              |
| 12 ¼"                                | 9 5/8" 40# HCL80                      | 1844'                     | 500                         |                                               |                              |
| 8 ¾"                                 | 7" 29# HCP110                         | 9208'                     | 650                         |                                               |                              |
| 6 1/8"                               | 4 ½" 13.5# HCP 110                    | 8270'- 18954'             | 875                         |                                               |                              |
|                                      | 3 ½" 9.3# L80 IPC Tbg                 | 8233'                     |                             |                                               |                              |

V. Well Test Data

|                                         |                                              |                                      |                                     |                                     |                                         |
|-----------------------------------------|----------------------------------------------|--------------------------------------|-------------------------------------|-------------------------------------|-----------------------------------------|
| <sup>31</sup> Date New Oil<br>8/11/2021 | <sup>32</sup> Gas Delivery Date<br>8/11/2021 | <sup>33</sup> Test Date<br>8/31/2021 | <sup>34</sup> Test Length<br>24 hrs | <sup>35</sup> Tbg. Pressure<br>1120 | <sup>36</sup> Csg. Pressure<br>965      |
| <sup>37</sup> Choke Size<br>48/64"      | <sup>38</sup> Oil<br>736                     | <sup>39</sup> Water<br>5071          | <sup>40</sup> Gas<br>1765           |                                     | <sup>41</sup> Test Method<br>Production |

|                                                                                                                                                                                                                                                   |                                               |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------|
| <sup>42</sup> I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.<br>Signature:<br><i>Landon Stallings</i> | OIL CONSERVATION DIVISION<br><br>Approved by: |
| Printed name:<br>Landon Stallings                                                                                                                                                                                                                 | Title:                                        |
| Title:<br>Petroleum Engineer                                                                                                                                                                                                                      | Approval Date:                                |
| E-mail Address:<br>lstallings@mewbourne.com                                                                                                                                                                                                       |                                               |
| Date:<br>10/11/2021                                                                                                                                                                                                                               | Phone:<br>575-393-5905                        |

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  
AS DRILLED

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

|                                                              |                      |                                                                   |                     |                                                              |                                       |
|--------------------------------------------------------------|----------------------|-------------------------------------------------------------------|---------------------|--------------------------------------------------------------|---------------------------------------|
| <sup>1</sup> API Number<br><b>30-015-46230</b>               |                      | <sup>2</sup> Pool Code<br><b>98220</b>                            |                     | <sup>3</sup> Pool Name<br><b>Purple Sage; Wolfcamp (Gas)</b> |                                       |
| <sup>4</sup> Property Code<br><b>326043</b>                  |                      | <sup>5</sup> Property Name<br><b>WINGMAN 12/11 WOPM STATE COM</b> |                     |                                                              | <sup>6</sup> Well Number<br><b>1H</b> |
| <sup>7</sup> OGRID NO.<br><b>14744</b>                       |                      | <sup>8</sup> Operator Name<br><b>MEWBOURNE OIL COMPANY</b>        |                     |                                                              | <sup>9</sup> Elevation<br><b>3225</b> |
| <sup>10</sup> Surface Location                               |                      |                                                                   |                     |                                                              |                                       |
| UL or lot no.<br><b>P</b>                                    | Section<br><b>12</b> | Township<br><b>23S</b>                                            | Range<br><b>26E</b> | Lot Idn                                                      | Feet from the<br><b>630</b>           |
|                                                              |                      |                                                                   |                     | North/South line<br><b>SOUTH</b>                             | Feet From the<br><b>300</b>           |
|                                                              |                      |                                                                   |                     | East/West line<br><b>EAST</b>                                | County<br><b>EDDY</b>                 |
| <sup>11</sup> Bottom Hole Location If Different From Surface |                      |                                                                   |                     |                                                              |                                       |
| UL or lot no.<br><b>M</b>                                    | Section<br><b>14</b> | Township<br><b>23S</b>                                            | Range<br><b>26E</b> | Lot Idn                                                      | Feet from the<br><b>488</b>           |
|                                                              |                      |                                                                   |                     | North/South line<br><b>SOUTH</b>                             | Feet from the<br><b>330</b>           |
|                                                              |                      |                                                                   |                     | East/West line<br><b>WEST</b>                                | County<br><b>EDDY</b>                 |
| <sup>12</sup> Dedicated Acres<br><b>640</b>                  |                      | <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.

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p><sup>16</sup></p> <p><b>CORNER DATA</b><br/>NAD 83 GRID - NM EAST</p> <p>A: FOUND BRASS CAP "1943"<br/>N: 477221.9 - E: 560208.6</p> <p>B: FOUND BRASS CAP "1943"<br/>N: 479874.3 - E: 560179.1</p> <p>C: FOUND BRASS CAP "1943"<br/>N: 482527.3 - E: 560150.3</p> <p>D: FOUND BRASS CAP "1943"<br/>N: 482516.3 - E: 565523.4</p> <p>E: FOUND BRASS CAP "1943"<br/>N: 482534.1 - E: 568203.4</p> <p>F: FOUND BRASS CAP "1943"<br/>N: 482551.5 - E: 570883.1</p> <p>G: FOUND BRASS CAP "1943"<br/>N: 479890.4 - E: 570880.1</p> <p>H: FOUND BRASS CAP "1943"<br/>N: 477243.2 - E: 570885.0</p> <p>I: FOUND BRASS CAP "1943"<br/>N: 477279.3 - E: 568226.5</p> <p>J: FOUND BRASS CAP "1943"<br/>N: 477315.3 - E: 655568.1</p> <p>K: FOUND BRASS CAP "1943"<br/>N: 477269.2 - E: 562888.7</p> <p>L: FOUND BRASS CAP "1943"<br/>N: 479916.5 - E: 565545.7</p> |  | <p><b><sup>17</sup> OPERATOR CERTIFICATION</b></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: <i>Jackie Lathan</i> Date: <b>10/19/2021</b></p> <p>Printed Name: <b>Jackie Lathan</b></p> <p>E-mail Address: <b>jlathan@mewbourne.com</b></p> |
| <p><b><sup>18</sup> SURVEYOR CERTIFICATION</b></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><b>07-15-2019</b></p> <p>Date of Survey</p> <p>Signature and Seal of Professional Surveyor: <i>Robert M. Howett</i></p> <p><b>19680</b></p> <p>Certificate Number</p>                                                                                                                                                                                                                                                                                                                                                                                                             |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |

Job No: LS19070765



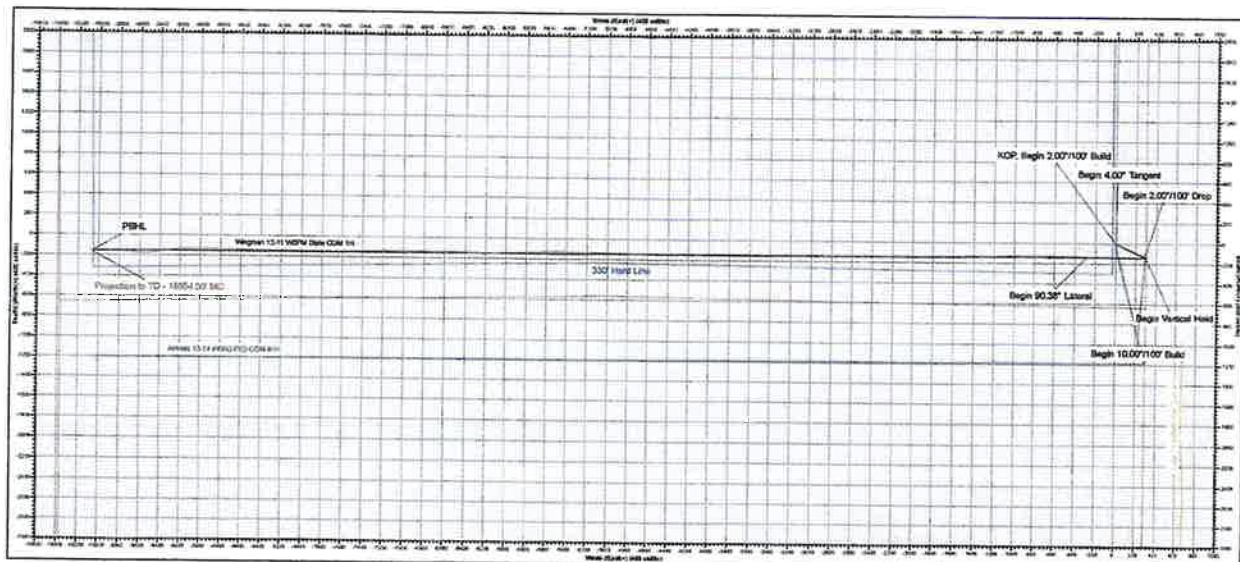
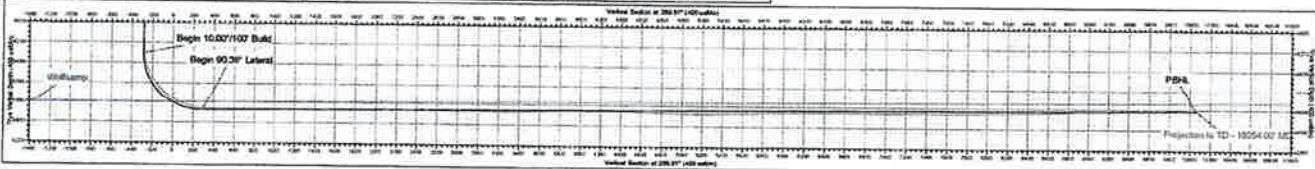
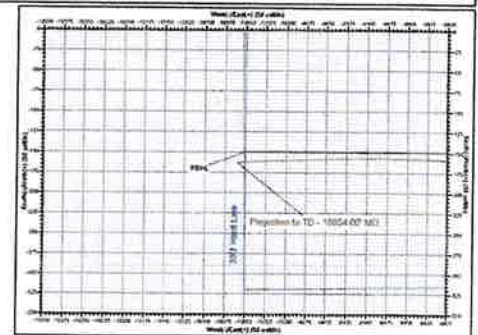
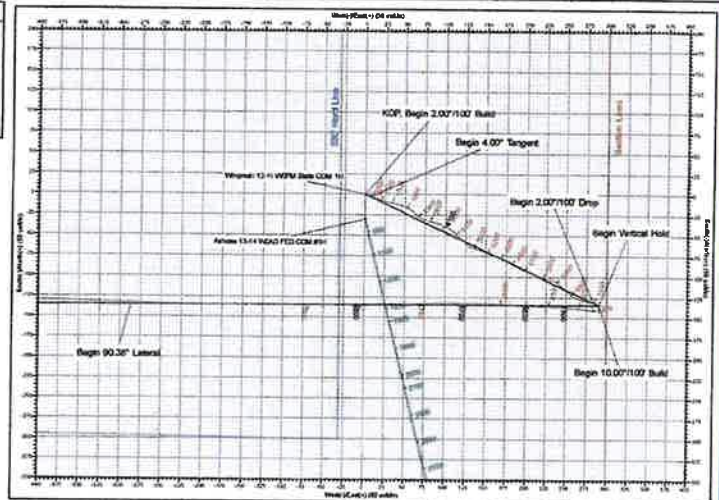
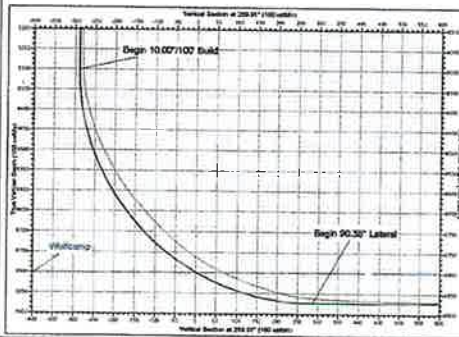
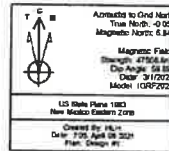
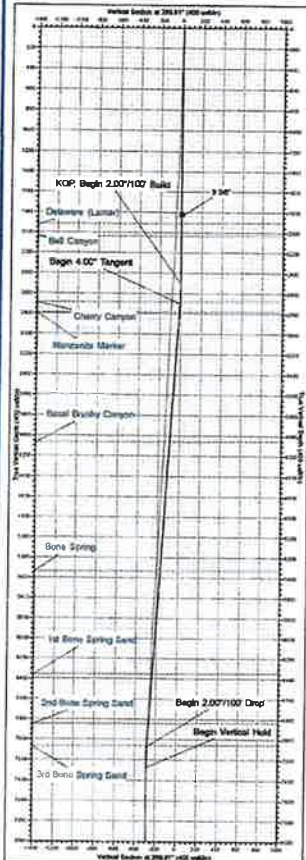
Company: Newbourn Oil Company  
 Site: Airboss/Wingman  
 Well: Wingman 12-11 WOPM State COM 1H  
 Project: Eddy County, N.M. Nad (83)  
 Rig: Patterson 809

To convert a Magnetic Direction to a Grid Direction, Add 6.84°



# ANNOTATIONS

| MD       | Inc   | Act    | TVD     | +NW-S   | -EH-W     | V-Scot   | Departure | Annotation                  |
|----------|-------|--------|---------|---------|-----------|----------|-----------|-----------------------------|
| 2300.00  | 0.00  | 0.00   | 2500.00 | 0.00    | 0.00      | 0.00     | 0.00      | KOP, Begin 2.00°/100' Build |
| 2699.84  | 4.00  | 114.73 | 2699.77 | -2.92   | 6.33      | -3.33    | 6.97      | Begin 4.00° Tangent         |
| 7061.05  | 4.00  | 114.73 | 7070.23 | -130.72 | 283.83    | -283.83  | 312.48    | Begin 2.00°/100' Drop       |
| 7250.89  | 0.00  | 0.00   | 7270.00 | -130.54 | 290.17    | -289.96  | 319.46    | Begin Vertical Hold         |
| 8311.04  | 0.00  | 0.00   | 8330.05 | -133.94 | 290.17    | -289.96  | 319.46    | Begin 10.00°/100' Build     |
| 9214.86  | 90.38 | 269.91 | 8873.00 | -134.32 | -294.61   | 295.82   | 886.23    | Begin 90.38° Lateral        |
| 18878.49 | 90.38 | 269.91 | 8808.00 | -140.43 | -10051.01 | 10051.23 | 10090.65  | PBHL                        |





September 15, 2021

New Mexico Energy, Minerals and Natural Resources Department  
Attn: Oil Conservation Division  
1220 South St. Francis Drive  
Santa Fe, NM 87505

Attn: Jackie Lathan

Re: Mewbourne Oil Company  
Wingman 12 11 W0PM State Com #1H  
Purple Sage; Wolfcamp (Gas)  
Eddy County, New Mexico  
API# 30-015-46230

Enclosed please find the original and one (1) copy of the survey performed on the reference well by STRYKER ENERGY DIRECTIONAL SERVICES, L.L.C. Other information required by your office is as follows:

| <u>Name &amp; Title</u> | <u>Drainhole No.</u> | <u>Survey Depths</u> | <u>Dates Performed</u> | <u>Type Survey</u> |
|-------------------------|----------------------|----------------------|------------------------|--------------------|
| Wes Cartwright          | Original Hole        | 121ft. to 18,915ft.  | 03-21-21 to 04-07-21   | MWD Survey         |

A certified plat on which the bottom-hole location is oriented to both surface location and to the lease lines (or unit lines in case of pooling) is attached to the survey report. If any other information is required, please contact the undersigned at the letterhead address and phone number.

  
Eric Estes

Enclosures

CC:

Mewbourne Oil Company  
Attn: Frosty Lathan  
P.O. Box 5720  
Hobbs, NM 88241

Mewbourne Oil Company  
Attn: Robin Terrell  
P.O. Box 5720  
Hobbs, NM 88241

NMEMaNRD\Mewbourne Oil Company\Wingman 12 11 W0PM State Com #1HM211043

**STRYKER ENERGY DIRECTIONAL SERVICES, L.L.C.**  
**P.O. Box 1250**  
**Montgomery, TX 77356**  
**Office (936) 582-7296 \* Fax (936)-588-4163**



**September 15, 2021**

**Survey Certification Report**

**STATE OF            TEXAS**

**COUNTY OF        Montgomery**

I, Eric Estes, certify that I am employed by STRYKER ENERGY DIRECTIONAL SERVICES, L.L.C., and that I did on the day(s) of March 21, 2021, through April 7, 2021 conduct or supervise the taking of a SEDS Original Hole MWD Survey from a depth of 121feet to a depth of 18,915feet; that I am authorized and qualified to make this report; that this survey was conducted at the request of Mewbourne Oil Company, for the Wingman 12 11 W0PM State Com #1H, well API # **30-015-46230** in Eddy County, New Mexico; and that I have reviewed this report and find that it conforms to the principles as set forth by STRYKER ENERGY DIRECTIONAL SERVICES, L.L.C.

A handwritten signature in black ink, appearing to read "Eric Estes", is written over a horizontal line.

**Eric Estes**

**STRYKER ENERGY DIRECTIONAL SERVICES, L.L.C.**

**STRYKER ENERGY DIRECTIONAL SERVICES, L.L.C.  
P.O. Box 1250  
Montgomery, TX 77356  
Office (936) 582-7296 \* Fax (936)-588-4163**



# Stryker Directional Survey Report



|                  |                                 |                                     |                                      |
|------------------|---------------------------------|-------------------------------------|--------------------------------------|
| <b>Company:</b>  | Mewbourne Oil Company           | <b>Local Co-ordinate Reference:</b> | Well Wingman 12-11 W0PM State COM 1H |
| <b>Project:</b>  | Eddy County, N.M. Nad (83)      | <b>TVD Reference:</b>               | WELL @ 3253.00usft (Patterson 809)   |
| <b>Site:</b>     | Airboss/Wingman                 | <b>MD Reference:</b>                | WELL @ 3253.00usft (Patterson 809)   |
| <b>Well:</b>     | Wingman 12-11 W0PM State COM 1H | <b>North Reference:</b>             | Grid                                 |
| <b>Wellbore:</b> | Wellbore #1                     | <b>Survey Calculation Method:</b>   | Minimum Curvature                    |
| <b>Design:</b>   | Surveys                         | <b>Database:</b>                    | EDM5000                              |

|                    |                            |                      |                |
|--------------------|----------------------------|----------------------|----------------|
| <b>Project</b>     | Eddy County, N.M. Nad (83) |                      |                |
| <b>Map System:</b> | US State Plane 1983        | <b>System Datum:</b> | Mean Sea Level |
| <b>Geo Datum:</b>  | North American Datum 1983  |                      |                |
| <b>Map Zone:</b>   | New Mexico Eastern Zone    |                      |                |

|                              |                 |                          |                   |
|------------------------------|-----------------|--------------------------|-------------------|
| <b>Site</b>                  | Airboss/Wingman |                          |                   |
| <b>Site Position:</b>        |                 | <b>Northing:</b>         | 477,847.0564 usft |
| <b>From:</b>                 | Lat/Long        | <b>Easting:</b>          | 570,583.9965 usft |
| <b>Position Uncertainty:</b> | 0.00 usft       | <b>Slot Radius:</b>      | 13-3/16 "         |
|                              |                 | <b>Latitude:</b>         | 32° 18' 49.100 N  |
|                              |                 | <b>Longitude:</b>        | 104° 14' 19.185 W |
|                              |                 | <b>Grid Convergence:</b> | 0.05 °            |

|                             |                                 |                            |                                    |
|-----------------------------|---------------------------------|----------------------------|------------------------------------|
| <b>Well</b>                 | Wingman 12-11 W0PM State COM 1H |                            |                                    |
| <b>Well Position</b>        | +N/-S                           | 0.00 usft                  | <b>Northing:</b> 477,877.0323 usft |
|                             | +E/-W                           | 0.00 usft                  | <b>Easting:</b> 570,583.9083 usft  |
| <b>Position Uncertainty</b> | 0.00 usft                       | <b>Wellhead Elevation:</b> | usft                               |
|                             |                                 | <b>Latitude:</b>           | 32° 18' 49.396 N                   |
|                             |                                 | <b>Longitude:</b>          | 104° 14' 19.186 W                  |
|                             |                                 | <b>Ground Level:</b>       | 3,225.00 usft                      |

|                  |                   |                    |                                            |
|------------------|-------------------|--------------------|--------------------------------------------|
| <b>Wellbore</b>  | Wellbore #1       |                    |                                            |
| <b>Magnetics</b> | <b>Model Name</b> | <b>Sample Date</b> | <b>Declination (°)</b>                     |
|                  | IGRF2020          | 3/1/2021           | 6.89                                       |
|                  |                   |                    | <b>Dip Angle (°)</b> 59.89                 |
|                  |                   |                    | <b>Field Strength (nT)</b> 47,508.83261542 |

|                          |                                |                     |                             |
|--------------------------|--------------------------------|---------------------|-----------------------------|
| <b>Design</b>            | Surveys                        |                     |                             |
| <b>Audit Notes:</b>      |                                |                     |                             |
| <b>Version:</b>          | 1.0                            | <b>Phase:</b>       | ACTUAL                      |
| <b>Vertical Section:</b> | <b>Depth From (TVD) (usft)</b> | <b>+N/-S (usft)</b> | <b>+E/-W (usft)</b>         |
|                          | 0.00                           | 0.00                | 0.00                        |
|                          |                                |                     | <b>Direction (°)</b> 269.91 |
|                          |                                |                     | <b>Tie On Depth:</b> 0.00   |

|                       |                      |                           |                                                |
|-----------------------|----------------------|---------------------------|------------------------------------------------|
| <b>Survey Program</b> | <b>Date</b> 4/8/2021 |                           |                                                |
| <b>From (usft)</b>    | <b>To (usft)</b>     | <b>Survey (Wellbore)</b>  | <b>Tool Name</b>                               |
| 121.00                | 18,954.00            | Stryker MWD (Wellbore #1) | MWD                                            |
|                       |                      |                           | <b>Description</b> MWD v3:standard declination |

|                              |                        |                    |                              |                     |                     |                                |                                |                               |                              |
|------------------------------|------------------------|--------------------|------------------------------|---------------------|---------------------|--------------------------------|--------------------------------|-------------------------------|------------------------------|
| <b>Survey</b>                |                        |                    |                              |                     |                     |                                |                                |                               |                              |
| <b>Measured Depth (usft)</b> | <b>Inclination (°)</b> | <b>Azimuth (°)</b> | <b>Vertical Depth (usft)</b> | <b>+N/-S (usft)</b> | <b>+E/-W (usft)</b> | <b>Vertical Section (usft)</b> | <b>Dogleg Rate (°/100usft)</b> | <b>Build Rate (°/100usft)</b> | <b>Turn Rate (°/100usft)</b> |
| 0.00                         | 0.00                   | 0.00               | 0.00                         | 0.00                | 0.00                | 0.00                           | 0.00                           | 0.00                          | 0.00                         |
| 121.00                       | 1.30                   | 0.00               | 120.99                       | 1.37                | 0.00                | 0.00                           | 1.07                           | 1.07                          | 0.00                         |
| 170.00                       | 1.70                   | 148.90             | 169.98                       | 1.31                | 0.38                | -0.38                          | 5.90                           | 0.82                          | 303.88                       |
| 263.00                       | 1.40                   | 118.90             | 262.95                       | -0.42               | 2.08                | -2.08                          | 0.92                           | -0.32                         | -32.26                       |
| 442.00                       | 1.90                   | 104.90             | 441.88                       | -2.24               | 6.86                | -6.86                          | 0.36                           | 0.28                          | -7.82                        |
| 480.00                       | 1.60                   | 102.90             | 479.86                       | -2.52               | 7.99                | -7.99                          | 0.81                           | -0.79                         | -5.26                        |
| 512.00                       | 1.70                   | 108.40             | 511.85                       | -2.77               | 8.88                | -8.87                          | 0.58                           | 0.31                          | 17.19                        |
| 699.00                       | 1.20                   | 120.60             | 698.79                       | -4.65               | 13.19               | -13.19                         | 0.31                           | -0.27                         | 6.52                         |
| 890.00                       | 0.70                   | 118.50             | 889.76                       | -6.22               | 15.94               | -15.93                         | 0.26                           | -0.26                         | -1.10                        |
| 1,082.00                     | 1.40                   | 111.60             | 1,081.72                     | -7.64               | 19.15               | -19.14                         | 0.37                           | 0.36                          | -3.59                        |



# Stryker Directional Survey Report



|                  |                                 |                                     |                                      |
|------------------|---------------------------------|-------------------------------------|--------------------------------------|
| <b>Company:</b>  | Mewbourne Oil Company           | <b>Local Co-ordinate Reference:</b> | Well Wingman 12-11 W0PM State COM 1H |
| <b>Project:</b>  | Eddy County, N.M. Nad (83)      | <b>TVD Reference:</b>               | WELL @ 3253.00usft (Patterson 809)   |
| <b>Site:</b>     | Airboss/Wingman                 | <b>MD Reference:</b>                | WELL @ 3253.00usft (Patterson 809)   |
| <b>Well:</b>     | Wingman 12-11 W0PM State COM 1H | <b>North Reference:</b>             | Grid                                 |
| <b>Wellbore:</b> | Wellbore #1                     | <b>Survey Calculation Method:</b>   | Minimum Curvature                    |
| <b>Design:</b>   | Surveys                         | <b>Database:</b>                    | EDM5000                              |

## Survey

| Measured Depth (usft) | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Vertical Section (usft) | Dogleg Rate (°/100usft) | Build Rate (°/100usft) | Turn Rate (°/100usft) |
|-----------------------|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|-------------------------|------------------------|-----------------------|
| 1,273.00              | 1.80            | 103.10      | 1,272.65              | -9.18        | 24.24        | -24.23                  | 0.24                    | 0.21                   | -4.45                 |
| 1,464.00              | 3.00            | 99.20       | 1,463.48              | -10.66       | 32.10        | -32.08                  | 0.63                    | 0.63                   | -2.04                 |
| 1,654.00              | 3.10            | 108.60      | 1,653.21              | -13.10       | 41.88        | -41.86                  | 0.27                    | 0.05                   | 4.95                  |
| 1,802.00              | 2.50            | 106.60      | 1,801.03              | -15.29       | 48.76        | -48.74                  | 0.41                    | -0.41                  | -1.35                 |
| 1,944.00              | 1.90            | 113.10      | 1,942.93              | -17.10       | 53.90        | -53.87                  | 0.46                    | -0.42                  | 4.58                  |
| 2,136.00              | 2.80            | 130.90      | 2,134.77              | -21.42       | 60.37        | -60.33                  | 0.60                    | 0.47                   | 9.27                  |
| 2,327.00              | 2.90            | 131.60      | 2,325.53              | -27.68       | 67.51        | -67.46                  | 0.06                    | 0.05                   | 0.37                  |
| 2,518.00              | 3.30            | 103.00      | 2,516.26              | -32.13       | 76.48        | -76.43                  | 0.83                    | 0.21                   | -14.97                |
| 2,709.00              | 3.00            | 104.70      | 2,706.97              | -34.63       | 86.67        | -86.61                  | 0.16                    | -0.16                  | 0.89                  |
| 2,900.00              | 2.70            | 105.20      | 2,897.74              | -37.08       | 95.84        | -95.79                  | 0.16                    | -0.16                  | 0.26                  |
| 3,091.00              | 3.20            | 127.30      | 3,088.49              | -41.49       | 104.43       | -104.36                 | 0.65                    | 0.26                   | 11.57                 |
| 3,282.00              | 2.90            | 130.70      | 3,279.22              | -47.87       | 112.33       | -112.26                 | 0.18                    | -0.16                  | 1.78                  |
| 3,473.00              | 2.90            | 133.10      | 3,469.98              | -54.33       | 119.52       | -119.44                 | 0.06                    | 0.00                   | 1.26                  |
| 3,664.00              | 2.50            | 133.80      | 3,660.76              | -60.51       | 126.06       | -125.96                 | 0.21                    | -0.21                  | 0.37                  |
| 3,856.00              | 2.30            | 108.60      | 3,852.60              | -64.64       | 132.73       | -132.63                 | 0.55                    | -0.10                  | -13.13                |
| 4,047.00              | 3.70            | 110.80      | 4,043.33              | -68.05       | 142.12       | -142.02                 | 0.74                    | 0.73                   | 1.15                  |
| 4,239.00              | 3.70            | 108.90      | 4,234.93              | -72.25       | 153.78       | -153.66                 | 0.06                    | 0.00                   | -0.99                 |
| 4,430.00              | 3.20            | 104.60      | 4,425.59              | -75.59       | 164.77       | -164.65                 | 0.29                    | -0.26                  | -2.25                 |
| 4,621.00              | 3.10            | 119.30      | 4,616.30              | -79.47       | 174.43       | -174.30                 | 0.42                    | -0.05                  | 7.70                  |
| 4,813.00              | 2.60            | 123.20      | 4,808.06              | -84.39       | 182.60       | -182.47                 | 0.28                    | -0.26                  | 2.03                  |
| 5,004.00              | 3.70            | 114.90      | 4,998.77              | -89.36       | 191.82       | -191.67                 | 0.62                    | 0.58                   | -4.35                 |
| 5,196.00              | 3.70            | 112.50      | 5,190.37              | -94.34       | 203.16       | -203.01                 | 0.08                    | 0.00                   | -1.25                 |
| 5,387.00              | 3.50            | 110.20      | 5,381.00              | -98.71       | 214.32       | -214.17                 | 0.13                    | -0.10                  | -1.20                 |
| 5,579.00              | 3.00            | 104.80      | 5,572.69              | -102.02      | 224.68       | -224.52                 | 0.31                    | -0.26                  | -2.81                 |
| 5,771.00              | 2.30            | 98.20       | 5,764.48              | -103.85      | 233.35       | -233.19                 | 0.40                    | -0.36                  | -3.44                 |
| 5,963.00              | 2.90            | 132.90      | 5,956.29              | -107.71      | 240.72       | -240.55                 | 0.86                    | 0.31                   | 18.07                 |
| 6,153.00              | 2.70            | 139.10      | 6,146.07              | -114.36      | 247.17       | -246.99                 | 0.19                    | -0.11                  | 3.26                  |
| 6,345.00              | 2.70            | 121.40      | 6,337.86              | -120.13      | 254.00       | -253.81                 | 0.43                    | 0.00                   | -9.22                 |
| 6,537.00              | 1.60            | 128.60      | 6,529.72              | -124.16      | 259.95       | -259.76                 | 0.59                    | -0.57                  | 3.75                  |
| 6,727.00              | 2.40            | 104.10      | 6,719.61              | -126.79      | 265.88       | -265.68                 | 0.61                    | 0.42                   | -12.89                |
| 6,919.00              | 1.90            | 101.00      | 6,911.47              | -128.37      | 272.91       | -272.70                 | 0.27                    | -0.26                  | -1.61                 |
| 7,111.00              | 1.80            | 103.10      | 7,103.37              | -129.66      | 278.97       | -278.76                 | 0.06                    | -0.05                  | 1.09                  |
| 7,303.00              | 1.40            | 101.80      | 7,295.29              | -130.83      | 284.20       | -283.99                 | 0.21                    | -0.21                  | -0.68                 |
| 7,494.00              | 1.00            | 212.60      | 7,486.27              | -132.71      | 285.59       | -285.38                 | 1.04                    | -0.21                  | 58.01                 |
| 7,685.00              | 0.70            | 254.80      | 7,677.25              | -134.42      | 283.56       | -283.35                 | 0.35                    | -0.16                  | 22.09                 |
| 7,877.00              | 0.60            | 202.00      | 7,869.24              | -135.66      | 282.05       | -281.84                 | 0.30                    | -0.05                  | -27.50                |
| 8,068.00              | 1.10            | 164.10      | 8,060.22              | -138.35      | 282.18       | -281.96                 | 0.38                    | 0.26                   | -19.84                |
| 8,235.00              | 0.50            | 165.70      | 8,227.20              | -140.60      | 282.80       | -282.58                 | 0.36                    | -0.36                  | 0.96                  |
| 8,322.00              | 4.30            | 281.40      | 8,314.12              | -140.32      | 279.70       | -279.47                 | 5.22                    | 4.37                   | 132.99                |
| 8,371.00              | 10.30           | 277.40      | 8,362.71              | -139.39      | 273.54       | -273.33                 | 12.28                   | 12.24                  | -8.16                 |
| 8,418.00              | 15.80           | 274.20      | 8,408.47              | -138.38      | 262.99       | -262.77                 | 11.80                   | 11.70                  | -6.81                 |
| 8,467.00              | 21.10           | 272.60      | 8,454.94              | -137.49      | 247.51       | -247.30                 | 10.86                   | 10.82                  | -3.27                 |
| 8,514.00              | 26.20           | 272.70      | 8,497.98              | -136.62      | 228.69       | -228.47                 | 10.85                   | 10.85                  | 0.21                  |
| 8,562.00              | 30.00           | 273.00      | 8,540.31              | -135.49      | 206.11       | -205.90                 | 7.92                    | 7.92                   | 0.63                  |



# Stryker Directional Survey Report



**Company:** Mewbourne Oil Company  
**Project:** Eddy County, N.M. Nad (83)  
**Site:** Airboss/Wingman  
**Well:** Wingman 12-11 W0PM State COM 1H  
**Wellbore:** Wellbore #1  
**Design:** Surveys

**Local Co-ordinate Reference:** Well Wingman 12-11 W0PM State COM 1H  
**TVD Reference:** WELL @ 3253.00usft (Patterson 809)  
**MD Reference:** WELL @ 3253.00usft (Patterson 809)  
**North Reference:** Grid  
**Survey Calculation Method:** Minimum Curvature  
**Database:** EDM5000

## Survey

| Measured Depth (usft) | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Vertical Section (usft) | Dogleg Rate (°/100usft) | Build Rate (°/100usft) | Turn Rate (°/100usft) |
|-----------------------|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|-------------------------|------------------------|-----------------------|
| 8,609.00              | 33.80           | 273.30      | 8,580.21              | -134.12      | 181.32       | -181.10                 | 8.09                    | 8.09                   | 0.64                  |
| 8,658.00              | 39.00           | 272.50      | 8,619.63              | -132.66      | 152.28       | -152.08                 | 10.66                   | 10.61                  | -1.63                 |
| 8,705.00              | 42.50           | 269.80      | 8,655.24              | -132.07      | 121.62       | -121.41                 | 8.34                    | 7.45                   | -5.74                 |
| 8,753.00              | 46.30           | 268.30      | 8,689.53              | -132.65      | 88.05        | -87.84                  | 8.21                    | 7.92                   | -3.13                 |
| 8,800.00              | 49.00           | 269.00      | 8,721.19              | -133.46      | 53.33        | -53.12                  | 5.85                    | 5.74                   | 1.49                  |
| 8,849.00              | 54.20           | 269.60      | 8,751.61              | -133.92      | 14.94        | -14.73                  | 10.66                   | 10.61                  | 1.22                  |
| 8,896.00              | 59.60           | 269.20      | 8,777.27              | -134.34      | -24.41       | 24.62                   | 11.51                   | 11.49                  | -0.85                 |
| 8,945.00              | 64.00           | 269.60      | 8,800.42              | -134.79      | -67.58       | 67.79                   | 9.01                    | 8.98                   | 0.82                  |
| 8,992.00              | 68.70           | 269.80      | 8,819.27              | -135.01      | -110.62      | 110.83                  | 10.01                   | 10.00                  | 0.43                  |
| 9,041.00              | 72.40           | 270.30      | 8,835.58              | -134.97      | -156.82      | 157.03                  | 7.61                    | 7.55                   | 1.02                  |
| 9,088.00              | 76.20           | 270.40      | 8,848.30              | -134.69      | -202.06      | 202.27                  | 8.09                    | 8.09                   | 0.21                  |
| 9,136.00              | 81.80           | 271.40      | 8,857.45              | -133.95      | -249.15      | 249.36                  | 11.84                   | 11.67                  | 2.08                  |
| 9,158.00              | 84.30           | 272.00      | 8,860.11              | -133.30      | -270.97      | 271.18                  | 11.68                   | 11.36                  | 2.73                  |
| 9,212.00              | 86.50           | 271.00      | 8,864.44              | -131.89      | -324.78      | 324.99                  | 4.47                    | 4.07                   | -1.85                 |
| 9,308.00              | 89.70           | 271.70      | 8,867.63              | -129.63      | -420.69      | 420.89                  | 3.41                    | 3.33                   | 0.73                  |
| 9,404.00              | 89.10           | 271.50      | 8,868.63              | -126.95      | -516.64      | 516.84                  | 0.66                    | -0.63                  | -0.21                 |
| 9,500.00              | 90.40           | 271.00      | 8,869.05              | -124.86      | -612.62      | 612.81                  | 1.45                    | 1.35                   | -0.52                 |
| 9,596.00              | 89.90           | 269.80      | 8,868.80              | -124.19      | -708.61      | 708.81                  | 1.35                    | -0.52                  | -1.25                 |
| 9,692.00              | 90.70           | 270.00      | 8,868.30              | -124.35      | -804.61      | 804.80                  | 0.86                    | 0.83                   | 0.21                  |
| 9,788.00              | 90.20           | 268.80      | 8,867.54              | -125.36      | -900.60      | 900.80                  | 1.35                    | -0.52                  | -1.25                 |
| 9,884.00              | 90.50           | 268.20      | 8,866.96              | -127.87      | -996.56      | 996.76                  | 0.70                    | 0.31                   | -0.63                 |
| 9,980.00              | 90.50           | 268.30      | 8,866.12              | -130.80      | -1,092.52    | 1,092.72                | 0.10                    | 0.00                   | 0.10                  |
| 10,076.00             | 90.80           | 268.60      | 8,865.03              | -133.40      | -1,188.47    | 1,188.68                | 0.44                    | 0.31                   | 0.31                  |
| 10,172.00             | 90.10           | 268.00      | 8,864.28              | -136.25      | -1,284.43    | 1,284.64                | 0.96                    | -0.73                  | -0.63                 |
| 10,269.00             | 90.10           | 268.10      | 8,864.11              | -139.55      | -1,381.37    | 1,381.59                | 0.10                    | 0.00                   | 0.10                  |
| 10,364.00             | 89.80           | 269.20      | 8,864.19              | -141.79      | -1,476.34    | 1,476.56                | 1.20                    | -0.32                  | 1.16                  |
| 10,460.00             | 88.00           | 268.80      | 8,866.03              | -143.46      | -1,572.31    | 1,572.53                | 1.92                    | -1.88                  | -0.42                 |
| 10,555.00             | 89.80           | 269.60      | 8,867.86              | -144.79      | -1,667.28    | 1,667.50                | 2.07                    | 1.89                   | 0.84                  |
| 10,651.00             | 89.80           | 269.70      | 8,868.19              | -145.37      | -1,763.27    | 1,763.50                | 0.10                    | 0.00                   | 0.10                  |
| 10,747.00             | 90.30           | 269.80      | 8,868.11              | -145.79      | -1,859.27    | 1,859.50                | 0.53                    | 0.52                   | 0.10                  |
| 10,842.00             | 90.30           | 269.70      | 8,867.61              | -146.21      | -1,954.27    | 1,954.50                | 0.11                    | 0.00                   | -0.11                 |
| 10,938.00             | 90.50           | 270.00      | 8,866.94              | -146.46      | -2,050.27    | 2,050.49                | 0.38                    | 0.21                   | 0.31                  |
| 11,034.00             | 90.20           | 270.00      | 8,866.35              | -146.46      | -2,146.27    | 2,146.49                | 0.31                    | -0.31                  | 0.00                  |
| 11,130.00             | 90.40           | 269.80      | 8,865.85              | -146.63      | -2,242.26    | 2,242.49                | 0.29                    | 0.21                   | -0.21                 |
| 11,225.00             | 90.20           | 269.70      | 8,865.35              | -147.04      | -2,337.26    | 2,337.49                | 0.24                    | -0.21                  | -0.11                 |
| 11,321.00             | 90.30           | 270.00      | 8,864.93              | -147.29      | -2,433.26    | 2,433.49                | 0.33                    | 0.10                   | 0.31                  |
| 11,417.00             | 89.50           | 269.50      | 8,865.10              | -147.71      | -2,529.26    | 2,529.49                | 0.98                    | -0.83                  | -0.52                 |
| 11,513.00             | 89.00           | 269.50      | 8,866.36              | -148.55      | -2,625.25    | 2,625.48                | 0.52                    | -0.52                  | 0.00                  |
| 11,609.00             | 89.80           | 270.10      | 8,867.36              | -148.88      | -2,721.24    | 2,721.47                | 1.04                    | 0.83                   | 0.63                  |
| 11,704.00             | 89.60           | 269.80      | 8,867.86              | -148.97      | -2,816.24    | 2,816.47                | 0.38                    | -0.21                  | -0.32                 |
| 11,800.00             | 89.50           | 269.90      | 8,868.61              | -149.22      | -2,912.23    | 2,912.46                | 0.15                    | -0.10                  | 0.10                  |
| 11,896.00             | 88.70           | 270.00      | 8,870.12              | -149.30      | -3,008.22    | 3,008.45                | 0.84                    | -0.83                  | 0.10                  |
| 11,991.00             | 88.20           | 269.70      | 8,872.69              | -149.55      | -3,103.19    | 3,103.42                | 0.61                    | -0.53                  | -0.32                 |



# Stryker Directional Survey Report



**Company:** Mewbourne Oil Company  
**Project:** Eddy County, N.M. Nad (83)  
**Site:** Airboss/Wingman  
**Well:** Wingman 12-11 W0PM State COM 1H  
**Wellbore:** Wellbore #1  
**Design:** Surveys

**Local Co-ordinate Reference:** Well Wingman 12-11 W0PM State COM 1H  
**TVD Reference:** WELL @ 3253.00usft (Patterson 809)  
**MD Reference:** WELL @ 3253.00usft (Patterson 809)  
**North Reference:** Grid  
**Survey Calculation Method:** Minimum Curvature  
**Database:** EDM5000

## Survey

| Measured Depth (usft) | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Vertical Section (usft) | Dogleg Rate (°/100usft) | Build Rate (°/100usft) | Turn Rate (°/100usft) |
|-----------------------|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|-------------------------|------------------------|-----------------------|
| 12,087.00             | 89.20           | 269.50      | 8,874.87              | -150.22      | -3,199.16    | 3,199.39                | 1.06                    | 1.04                   | -0.21                 |
| 12,183.00             | 89.80           | 268.60      | 8,875.71              | -151.81      | -3,295.14    | 3,295.37                | 1.13                    | 0.63                   | -0.94                 |
| 12,279.00             | 93.00           | 269.30      | 8,873.36              | -153.57      | -3,391.08    | 3,391.32                | 3.41                    | 3.33                   | 0.73                  |
| 12,375.00             | 91.60           | 270.20      | 8,869.51              | -153.99      | -3,487.00    | 3,487.24                | 1.73                    | -1.46                  | 0.94                  |
| 12,472.00             | 91.90           | 270.40      | 8,866.55              | -153.48      | -3,583.95    | 3,584.19                | 0.37                    | 0.31                   | 0.21                  |
| 12,567.00             | 91.20           | 270.60      | 8,863.98              | -152.65      | -3,678.91    | 3,679.15                | 0.77                    | -0.74                  | 0.21                  |
| 12,662.00             | 91.30           | 271.00      | 8,861.91              | -151.33      | -3,773.88    | 3,774.11                | 0.43                    | 0.11                   | 0.42                  |
| 12,758.00             | 90.80           | 270.60      | 8,860.15              | -149.99      | -3,869.86    | 3,870.09                | 0.67                    | -0.52                  | -0.42                 |
| 12,853.00             | 90.20           | 270.60      | 8,859.32              | -148.99      | -3,964.85    | 3,965.08                | 0.63                    | -0.63                  | 0.00                  |
| 12,948.00             | 90.00           | 270.20      | 8,859.15              | -148.33      | -4,059.84    | 4,060.07                | 0.47                    | -0.21                  | -0.42                 |
| 13,043.00             | 90.20           | 270.80      | 8,858.99              | -147.50      | -4,154.84    | 4,155.07                | 0.67                    | 0.21                   | 0.63                  |
| 13,139.00             | 89.00           | 270.80      | 8,859.66              | -146.16      | -4,250.83    | 4,251.05                | 1.25                    | -1.25                  | 0.00                  |
| 13,234.00             | 88.70           | 270.40      | 8,861.56              | -145.16      | -4,345.80    | 4,346.02                | 0.53                    | -0.32                  | -0.42                 |
| 13,330.00             | 88.80           | 270.40      | 8,863.66              | -144.49      | -4,441.78    | 4,442.00                | 0.10                    | 0.10                   | 0.00                  |
| 13,425.00             | 89.10           | 270.60      | 8,865.40              | -143.67      | -4,536.76    | 4,536.98                | 0.38                    | 0.32                   | 0.21                  |
| 13,520.00             | 89.70           | 272.40      | 8,866.39              | -141.18      | -4,631.71    | 4,631.93                | 2.00                    | 0.63                   | 1.89                  |
| 13,617.00             | 88.20           | 270.60      | 8,868.17              | -138.64      | -4,728.66    | 4,728.87                | 2.42                    | -1.55                  | -1.86                 |
| 13,713.00             | 88.20           | 270.90      | 8,871.19              | -137.38      | -4,824.60    | 4,824.81                | 0.31                    | 0.00                   | 0.31                  |
| 13,807.00             | 88.20           | 270.60      | 8,874.14              | -136.15      | -4,918.55    | 4,918.76                | 0.32                    | 0.00                   | -0.32                 |
| 13,901.00             | 89.30           | 270.50      | 8,876.19              | -135.25      | -5,012.52    | 5,012.73                | 1.18                    | 1.17                   | -0.11                 |
| 13,997.00             | 89.80           | 271.70      | 8,876.94              | -133.41      | -5,108.50    | 5,108.70                | 1.35                    | 0.52                   | 1.25                  |
| 14,094.00             | 89.50           | 270.50      | 8,877.54              | -131.55      | -5,205.48    | 5,205.68                | 1.28                    | -0.31                  | -1.24                 |
| 14,188.00             | 90.80           | 270.30      | 8,877.29              | -130.89      | -5,299.47    | 5,299.67                | 1.40                    | 1.38                   | -0.21                 |
| 14,284.00             | 91.90           | 270.80      | 8,875.03              | -129.97      | -5,395.44    | 5,395.64                | 1.26                    | 1.15                   | 0.52                  |
| 14,379.00             | 91.80           | 270.80      | 8,871.96              | -128.64      | -5,490.38    | 5,490.57                | 0.11                    | -0.11                  | 0.00                  |
| 14,474.00             | 91.40           | 268.60      | 8,869.31              | -129.14      | -5,585.33    | 5,585.53                | 2.35                    | -0.42                  | -2.32                 |
| 14,570.00             | 92.40           | 269.50      | 8,866.13              | -130.73      | -5,681.27    | 5,681.47                | 1.40                    | 1.04                   | 0.94                  |
| 14,666.00             | 89.90           | 267.60      | 8,864.20              | -133.16      | -5,777.20    | 5,777.41                | 3.27                    | -2.60                  | -1.98                 |
| 14,762.00             | 91.20           | 268.90      | 8,863.28              | -136.09      | -5,873.15    | 5,873.36                | 1.92                    | 1.35                   | 1.35                  |
| 14,858.00             | 90.20           | 267.60      | 8,862.10              | -139.02      | -5,969.10    | 5,969.31                | 1.71                    | -1.04                  | -1.35                 |
| 14,953.00             | 90.90           | 268.70      | 8,861.19              | -142.09      | -6,064.04    | 6,064.26                | 1.37                    | 0.74                   | 1.16                  |
| 15,048.00             | 90.70           | 270.10      | 8,859.87              | -143.09      | -6,159.02    | 6,159.24                | 1.49                    | -0.21                  | 1.47                  |
| 15,143.00             | 90.60           | 271.00      | 8,858.79              | -142.17      | -6,254.01    | 6,254.23                | 0.95                    | -0.11                  | 0.95                  |
| 15,239.00             | 90.30           | 270.00      | 8,858.03              | -141.34      | -6,350.00    | 6,350.22                | 1.09                    | -0.31                  | -1.04                 |
| 15,335.00             | 90.20           | 271.10      | 8,857.61              | -140.42      | -6,446.00    | 6,446.21                | 1.15                    | -0.10                  | 1.15                  |
| 15,430.00             | 90.50           | 270.90      | 8,857.03              | -138.76      | -6,540.98    | 6,541.19                | 0.38                    | 0.32                   | -0.21                 |
| 15,526.00             | 90.40           | 270.90      | 8,856.28              | -137.25      | -6,636.97    | 6,637.17                | 0.10                    | -0.10                  | 0.00                  |
| 15,622.00             | 90.10           | 270.50      | 8,855.86              | -136.08      | -6,732.96    | 6,733.16                | 0.52                    | -0.31                  | -0.42                 |
| 15,718.00             | 90.20           | 270.70      | 8,855.61              | -135.07      | -6,828.95    | 6,829.16                | 0.23                    | 0.10                   | 0.21                  |
| 15,813.00             | 90.10           | 270.40      | 8,855.36              | -134.16      | -6,923.95    | 6,924.15                | 0.33                    | -0.11                  | -0.32                 |
| 15,909.00             | 90.30           | 270.40      | 8,855.03              | -133.49      | -7,019.94    | 7,020.15                | 0.21                    | 0.21                   | 0.00                  |
| 16,005.00             | 89.80           | 269.50      | 8,854.94              | -133.57      | -7,115.94    | 7,116.14                | 1.07                    | -0.52                  | -0.94                 |
| 16,100.00             | 89.80           | 268.80      | 8,855.27              | -134.98      | -7,210.93    | 7,211.13                | 0.74                    | 0.00                   | -0.74                 |



# Stryker Directional Survey Report



**Company:** Mewbourne Oil Company  
**Project:** Eddy County, N.M. Nad (83)  
**Site:** Airboss/Wingman  
**Well:** Wingman 12-11 W0PM State COM 1H  
**Wellbore:** Wellbore #1  
**Design:** Surveys

**Local Co-ordinate Reference:** Well Wingman 12-11 W0PM State COM 1H  
**TVD Reference:** WELL @ 3253.00usft (Patterson 809)  
**MD Reference:** WELL @ 3253.00usft (Patterson 809)  
**North Reference:** Grid  
**Survey Calculation Method:** Minimum Curvature  
**Database:** EDM5000

## Survey

| Measured Depth (usft) | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Vertical Section (usft) | Dogleg Rate (°/100usft) | Bulld Rate (°/100usft) | Turn Rate (°/100usft) |
|-----------------------|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|-------------------------|------------------------|-----------------------|
| 16,196.00             | 89.10           | 268.90      | 8,856.20              | -136.91      | -7,306.91    | 7,307.11                | 0.74                    | -0.73                  | 0.10                  |
| 16,292.00             | 89.50           | 268.80      | 8,857.37              | -138.84      | -7,402.88    | 7,403.09                | 0.43                    | 0.42                   | -0.10                 |
| 16,388.00             | 88.10           | 268.50      | 8,859.38              | -141.10      | -7,498.83    | 7,499.04                | 1.49                    | -1.46                  | -0.31                 |
| 16,483.00             | 91.30           | 269.10      | 8,859.88              | -143.09      | -7,593.79    | 7,594.01                | 3.43                    | 3.37                   | 0.63                  |
| 16,579.00             | 91.30           | 268.80      | 8,857.70              | -144.84      | -7,689.75    | 7,689.97                | 0.31                    | 0.00                   | -0.31                 |
| 16,675.00             | 90.90           | 270.30      | 8,855.86              | -145.60      | -7,785.73    | 7,785.95                | 1.62                    | -0.42                  | 1.56                  |
| 16,772.00             | 91.20           | 270.60      | 8,854.08              | -144.84      | -7,882.71    | 7,882.93                | 0.44                    | 0.31                   | 0.31                  |
| 16,868.00             | 91.20           | 270.60      | 8,852.07              | -143.83      | -7,978.68    | 7,978.90                | 0.00                    | 0.00                   | 0.00                  |
| 16,963.00             | 91.10           | 270.60      | 8,850.16              | -142.84      | -8,073.66    | 8,073.87                | 0.11                    | -0.11                  | 0.00                  |
| 17,059.00             | 91.20           | 271.00      | 8,848.23              | -141.50      | -8,169.63    | 8,169.84                | 0.43                    | 0.10                   | 0.42                  |
| 17,155.00             | 91.20           | 270.50      | 8,846.22              | -140.24      | -8,265.60    | 8,265.81                | 0.52                    | 0.00                   | -0.52                 |
| 17,250.00             | 92.00           | 271.00      | 8,843.57              | -139.00      | -8,360.56    | 8,360.76                | 0.99                    | 0.84                   | 0.53                  |
| 17,346.00             | 91.00           | 270.40      | 8,841.06              | -137.83      | -8,456.51    | 8,456.72                | 1.21                    | -1.04                  | -0.63                 |
| 17,442.00             | 90.90           | 270.50      | 8,839.47              | -137.07      | -8,552.50    | 8,552.70                | 0.15                    | -0.10                  | 0.10                  |
| 17,537.00             | 91.00           | 270.50      | 8,837.89              | -136.24      | -8,647.48    | 8,647.68                | 0.11                    | 0.11                   | 0.00                  |
| 17,632.00             | 90.70           | 270.80      | 8,836.48              | -135.16      | -8,742.46    | 8,742.67                | 0.45                    | -0.32                  | 0.32                  |
| 17,728.00             | 93.60           | 271.50      | 8,832.88              | -133.24      | -8,838.37    | 8,838.56                | 3.11                    | 3.02                   | 0.73                  |
| 17,824.00             | 93.90           | 270.90      | 8,826.60              | -131.23      | -8,934.14    | 8,934.33                | 0.70                    | 0.31                   | -0.63                 |
| 17,919.00             | 89.90           | 270.00      | 8,823.45              | -130.49      | -9,029.06    | 9,029.26                | 4.32                    | -4.21                  | -0.95                 |
| 18,016.00             | 90.20           | 270.00      | 8,823.37              | -130.49      | -9,126.06    | 9,126.26                | 0.31                    | 0.31                   | 0.00                  |
| 18,112.00             | 91.70           | 265.90      | 8,821.78              | -133.92      | -9,221.97    | 9,222.16                | 4.55                    | 1.56                   | -4.27                 |
| 18,207.00             | 92.10           | 259.10      | 8,818.62              | -146.31      | -9,316.05    | 9,316.26                | 7.17                    | 0.42                   | -7.16                 |
| 18,302.00             | 91.40           | 259.90      | 8,815.72              | -163.61      | -9,409.41    | 9,409.66                | 1.12                    | -0.74                  | 0.84                  |
| 18,399.00             | 87.30           | 267.40      | 8,816.82              | -174.33      | -9,505.72    | 9,505.98                | 8.81                    | -4.23                  | 7.73                  |
| 18,495.00             | 90.00           | 273.60      | 8,819.09              | -173.49      | -9,601.63    | 9,601.89                | 7.04                    | 2.81                   | 6.46                  |
| 18,590.00             | 91.80           | 275.60      | 8,817.59              | -165.87      | -9,696.31    | 9,696.56                | 2.83                    | 1.89                   | 2.11                  |
| 18,686.00             | 91.40           | 272.60      | 8,814.91              | -159.01      | -9,792.01    | 9,792.25                | 3.15                    | -0.42                  | -3.13                 |
| 18,782.00             | 90.80           | 269.50      | 8,813.07              | -157.26      | -9,887.97    | 9,888.20                | 3.29                    | -0.63                  | -3.23                 |
| 18,878.00             | 91.30           | 267.80      | 8,811.31              | -159.52      | -9,983.92    | 9,984.16                | 1.85                    | 0.52                   | -1.77                 |
| 18,915.00             | 91.30           | 267.50      | 8,810.47              | -161.03      | -10,020.88   | 10,021.12               | 0.81                    | 0.00                   | -0.81                 |
| 18,954.00             | 91.30           | 267.50      | 8,809.59              | -162.73      | -10,059.83   | 10,060.08               | 0.00                    | 0.00                   | 0.00                  |

Projection to TD - 18954.00' MD

## Design Annotations

| Measured Depth (usft) | Vertical Depth (usft) | Local Coordinates                               | Comment                         |
|-----------------------|-----------------------|-------------------------------------------------|---------------------------------|
| 18,954.00             | 8,809.59              | +N/-S (usft) -162.73<br>+E/-W (usft) -10,059.83 | Projection to TD - 18954.00' MD |

Checked By: \_\_\_\_\_ Approved By: \_\_\_\_\_ Date: \_\_\_\_\_

# **Mewbourne Oil Company**

**Eddy County, N.M. Nad (83)**

**Airboss/Wingman**

**Wingman 12-11 W0PM State COM 1H**

**Wellbore #1**

**Plan: Design #1**

## **Standard Planning Report**

**04 February, 2021**

## Stryker Directional Planning Report

|                  |                                 |                                     |                                      |
|------------------|---------------------------------|-------------------------------------|--------------------------------------|
| <b>Database:</b> | EDM5000                         | <b>Local Co-ordinate Reference:</b> | Well Wingman 12-11 W0PM State COM 1H |
| <b>Company:</b>  | Mewbourne Oil Company           | <b>TVD Reference:</b>               | WELL @ 3253.00usft (Patterson 809)   |
| <b>Project:</b>  | Eddy County, N.M. Nad (83)      | <b>MD Reference:</b>                | WELL @ 3253.00usft (Patterson 809)   |
| <b>Site:</b>     | Airboss/Wingman                 | <b>North Reference:</b>             | Grid                                 |
| <b>Well:</b>     | Wingman 12-11 W0PM State COM 1H | <b>Survey Calculation Method:</b>   | Minimum Curvature                    |
| <b>Wellbore:</b> | Wellbore #1                     |                                     |                                      |
| <b>Design:</b>   | Design #1                       |                                     |                                      |

|                    |                            |                      |                |
|--------------------|----------------------------|----------------------|----------------|
| <b>Project</b>     | Eddy County, N.M. Nad (83) |                      |                |
| <b>Map System:</b> | US State Plane 1983        | <b>System Datum:</b> | Mean Sea Level |
| <b>Geo Datum:</b>  | North American Datum 1983  |                      |                |
| <b>Map Zone:</b>   | New Mexico Eastern Zone    |                      |                |

|                              |                 |                     |                   |                                     |
|------------------------------|-----------------|---------------------|-------------------|-------------------------------------|
| <b>Site</b>                  | Airboss/Wingman |                     |                   |                                     |
| <b>Site Position:</b>        |                 | <b>Northing:</b>    | 477,847.0564 usft | <b>Latitude:</b> 32° 18' 49.100 N   |
| <b>From:</b>                 | Lat/Long        | <b>Easting:</b>     | 570,583.9965 usft | <b>Longitude:</b> 104° 14' 19.185 W |
| <b>Position Uncertainty:</b> | 0.00 usft       | <b>Slot Radius:</b> | 13-3/16 "         | <b>Grid Convergence:</b> 0.05 °     |

|                             |                                 |                            |                  |                                    |
|-----------------------------|---------------------------------|----------------------------|------------------|------------------------------------|
| <b>Well</b>                 | Wingman 12-11 W0PM State COM 1H |                            |                  |                                    |
| <b>Well Position</b>        | <b>+N/-S</b>                    | 29.98 usft                 | <b>Northing:</b> | 477,877.0323 usft                  |
|                             | <b>+E/-W</b>                    | -0.09 usft                 | <b>Easting:</b>  | 570,583.9083 usft                  |
| <b>Position Uncertainty</b> | 0.00 usft                       | <b>Wellhead Elevation:</b> |                  | <b>Ground Level:</b> 3,225.00 usft |

|                  |                   |                    |                        |                      |                            |
|------------------|-------------------|--------------------|------------------------|----------------------|----------------------------|
| <b>Wellbore</b>  | Wellbore #1       |                    |                        |                      |                            |
| <b>Magnetics</b> | <b>Model Name</b> | <b>Sample Date</b> | <b>Declination (°)</b> | <b>Dip Angle (°)</b> | <b>Field Strength (nT)</b> |
|                  | IGRF2020          | 3/1/2021           | 6.89                   | 59.89                | 47,508.83261542            |

|                          |                                |                     |                      |                      |
|--------------------------|--------------------------------|---------------------|----------------------|----------------------|
| <b>Design</b>            | Design #1                      |                     |                      |                      |
| <b>Audit Notes:</b>      |                                |                     |                      |                      |
| <b>Version:</b>          | <b>Phase:</b>                  | PLAN                | <b>Tie On Depth:</b> | 0.00                 |
| <b>Vertical Section:</b> | <b>Depth From (TVD) (usft)</b> | <b>+N/-S (usft)</b> | <b>+E/-W (usft)</b>  | <b>Direction (°)</b> |
|                          | 0.00                           | 0.00                | 0.00                 | 269.91               |

| <b>Plan Sections</b>  |                 |             |                       |              |              |                         |                        |                       |         |                  |
|-----------------------|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|------------------------|-----------------------|---------|------------------|
| Measured Depth (usft) | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Dogleg Rate (°/100usft) | Build Rate (°/100usft) | Turn Rate (°/100usft) | TFO (°) | Target           |
| 0.00                  | 0.00            | 0.00        | 0.00                  | 0.00         | 0.00         | 0.00                    | 0.00                   | 0.00                  | 0.00    |                  |
| 2,500.00              | 0.00            | 0.00        | 2,500.00              | 0.00         | 0.00         | 0.00                    | 0.00                   | 0.00                  | 0.00    |                  |
| 2,699.94              | 4.00            | 114.73      | 2,699.77              | -2.92        | 6.33         | 2.00                    | 2.00                   | 0.00                  | 114.73  |                  |
| 7,081.05              | 4.00            | 114.73      | 7,070.23              | -130.72      | 283.83       | 0.00                    | 0.00                   | 0.00                  | 0.00    |                  |
| 7,280.99              | 0.00            | 0.00        | 7,270.00              | -133.64      | 290.17       | 2.00                    | -2.00                  | 0.00                  | 180.00  | VP - Wingman 1H  |
| 8,311.04              | 0.00            | 0.00        | 8,300.05              | -133.64      | 290.17       | 0.00                    | 0.00                   | 0.00                  | 0.00    |                  |
| 9,214.86              | 90.38           | 269.91      | 8,873.00              | -134.52      | -286.61      | 10.00                   | 10.00                  | 0.00                  | 269.91  |                  |
| 18,979.49             | 90.38           | 269.91      | 8,808.00              | -149.43      | -10,051.01   | 0.00                    | 0.00                   | 0.00                  | 0.00    | PBHL - Wingman 1 |

## Stryker Directional Planning Report

|           |                                 |                              |                                      |
|-----------|---------------------------------|------------------------------|--------------------------------------|
| Database: | EDM5000                         | Local Co-ordinate Reference: | Well Wingman 12-11 W0PM State COM 1H |
| Company:  | Mewbourne Oil Company           | TVD Reference:               | WELL @ 3253.00usft (Patterson 809)   |
| Project:  | Eddy County, N.M. Nad (83)      | MD Reference:                | WELL @ 3253.00usft (Patterson 809)   |
| Site:     | Airboss/Wingman                 | North Reference:             | Grid                                 |
| Well:     | Wingman 12-11 W0PM State COM 1H | Survey Calculation Method:   | Minimum Curvature                    |
| Wellbore: | Wellbore #1                     |                              |                                      |
| Design:   | Design #1                       |                              |                                      |

### Planned Survey

| Measured Depth (usft)              | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Vertical Section (usft) | Dogleg Rate (°/100usft) | Build Rate (°/100usft) | Turn Rate (°/100usft) |
|------------------------------------|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|-------------------------|------------------------|-----------------------|
| 0.00                               | 0.00            | 0.00        | 0.00                  | 0.00         | 0.00         | 0.00                    | 0.00                    | 0.00                   | 0.00                  |
| 100.00                             | 0.00            | 0.00        | 100.00                | 0.00         | 0.00         | 0.00                    | 0.00                    | 0.00                   | 0.00                  |
| 200.00                             | 0.00            | 0.00        | 200.00                | 0.00         | 0.00         | 0.00                    | 0.00                    | 0.00                   | 0.00                  |
| 300.00                             | 0.00            | 0.00        | 300.00                | 0.00         | 0.00         | 0.00                    | 0.00                    | 0.00                   | 0.00                  |
| 400.00                             | 0.00            | 0.00        | 400.00                | 0.00         | 0.00         | 0.00                    | 0.00                    | 0.00                   | 0.00                  |
| 500.00                             | 0.00            | 0.00        | 500.00                | 0.00         | 0.00         | 0.00                    | 0.00                    | 0.00                   | 0.00                  |
| 600.00                             | 0.00            | 0.00        | 600.00                | 0.00         | 0.00         | 0.00                    | 0.00                    | 0.00                   | 0.00                  |
| 700.00                             | 0.00            | 0.00        | 700.00                | 0.00         | 0.00         | 0.00                    | 0.00                    | 0.00                   | 0.00                  |
| 800.00                             | 0.00            | 0.00        | 800.00                | 0.00         | 0.00         | 0.00                    | 0.00                    | 0.00                   | 0.00                  |
| 900.00                             | 0.00            | 0.00        | 900.00                | 0.00         | 0.00         | 0.00                    | 0.00                    | 0.00                   | 0.00                  |
| 1,000.00                           | 0.00            | 0.00        | 1,000.00              | 0.00         | 0.00         | 0.00                    | 0.00                    | 0.00                   | 0.00                  |
| 1,100.00                           | 0.00            | 0.00        | 1,100.00              | 0.00         | 0.00         | 0.00                    | 0.00                    | 0.00                   | 0.00                  |
| 1,200.00                           | 0.00            | 0.00        | 1,200.00              | 0.00         | 0.00         | 0.00                    | 0.00                    | 0.00                   | 0.00                  |
| 1,300.00                           | 0.00            | 0.00        | 1,300.00              | 0.00         | 0.00         | 0.00                    | 0.00                    | 0.00                   | 0.00                  |
| 1,400.00                           | 0.00            | 0.00        | 1,400.00              | 0.00         | 0.00         | 0.00                    | 0.00                    | 0.00                   | 0.00                  |
| 1,500.00                           | 0.00            | 0.00        | 1,500.00              | 0.00         | 0.00         | 0.00                    | 0.00                    | 0.00                   | 0.00                  |
| 1,600.00                           | 0.00            | 0.00        | 1,600.00              | 0.00         | 0.00         | 0.00                    | 0.00                    | 0.00                   | 0.00                  |
| 1,700.00                           | 0.00            | 0.00        | 1,700.00              | 0.00         | 0.00         | 0.00                    | 0.00                    | 0.00                   | 0.00                  |
| 1,800.00                           | 0.00            | 0.00        | 1,800.00              | 0.00         | 0.00         | 0.00                    | 0.00                    | 0.00                   | 0.00                  |
| 1,900.00                           | 0.00            | 0.00        | 1,900.00              | 0.00         | 0.00         | 0.00                    | 0.00                    | 0.00                   | 0.00                  |
| 2,000.00                           | 0.00            | 0.00        | 2,000.00              | 0.00         | 0.00         | 0.00                    | 0.00                    | 0.00                   | 0.00                  |
| 2,100.00                           | 0.00            | 0.00        | 2,100.00              | 0.00         | 0.00         | 0.00                    | 0.00                    | 0.00                   | 0.00                  |
| 2,200.00                           | 0.00            | 0.00        | 2,200.00              | 0.00         | 0.00         | 0.00                    | 0.00                    | 0.00                   | 0.00                  |
| 2,300.00                           | 0.00            | 0.00        | 2,300.00              | 0.00         | 0.00         | 0.00                    | 0.00                    | 0.00                   | 0.00                  |
| 2,400.00                           | 0.00            | 0.00        | 2,400.00              | 0.00         | 0.00         | 0.00                    | 0.00                    | 0.00                   | 0.00                  |
| 2,500.00                           | 0.00            | 0.00        | 2,500.00              | 0.00         | 0.00         | 0.00                    | 0.00                    | 0.00                   | 0.00                  |
| <b>KOP, Begin 2.00°/100' Build</b> |                 |             |                       |              |              |                         |                         |                        |                       |
| 2,600.00                           | 2.00            | 114.73      | 2,599.98              | -0.73        | 1.59         | -1.58                   | 2.00                    | 2.00                   | 0.00                  |
| 2,699.94                           | 4.00            | 114.73      | 2,699.77              | -2.92        | 6.33         | -6.33                   | 2.00                    | 2.00                   | 0.00                  |
| <b>Begin 4.00° Tangent</b>         |                 |             |                       |              |              |                         |                         |                        |                       |
| 2,800.00                           | 4.00            | 114.73      | 2,799.59              | -5.84        | 12.67        | -12.66                  | 0.00                    | 0.00                   | 0.00                  |
| 2,900.00                           | 4.00            | 114.73      | 2,899.35              | -8.75        | 19.01        | -18.99                  | 0.00                    | 0.00                   | 0.00                  |
| 3,000.00                           | 4.00            | 114.73      | 2,999.11              | -11.67       | 25.34        | -25.32                  | 0.00                    | 0.00                   | 0.00                  |
| 3,100.00                           | 4.00            | 114.73      | 3,098.86              | -14.59       | 31.67        | -31.65                  | 0.00                    | 0.00                   | 0.00                  |
| 3,200.00                           | 4.00            | 114.73      | 3,198.62              | -17.50       | 38.01        | -37.98                  | 0.00                    | 0.00                   | 0.00                  |
| 3,300.00                           | 4.00            | 114.73      | 3,298.38              | -20.42       | 44.34        | -44.31                  | 0.00                    | 0.00                   | 0.00                  |
| 3,400.00                           | 4.00            | 114.73      | 3,398.13              | -23.34       | 50.68        | -50.64                  | 0.00                    | 0.00                   | 0.00                  |
| 3,500.00                           | 4.00            | 114.73      | 3,497.89              | -26.26       | 57.01        | -56.97                  | 0.00                    | 0.00                   | 0.00                  |
| 3,600.00                           | 4.00            | 114.73      | 3,597.65              | -29.17       | 63.34        | -63.30                  | 0.00                    | 0.00                   | 0.00                  |
| 3,700.00                           | 4.00            | 114.73      | 3,697.40              | -32.09       | 69.68        | -69.63                  | 0.00                    | 0.00                   | 0.00                  |
| 3,800.00                           | 4.00            | 114.73      | 3,797.16              | -35.01       | 76.01        | -75.96                  | 0.00                    | 0.00                   | 0.00                  |
| 3,900.00                           | 4.00            | 114.73      | 3,896.92              | -37.92       | 82.35        | -82.29                  | 0.00                    | 0.00                   | 0.00                  |
| 4,000.00                           | 4.00            | 114.73      | 3,996.67              | -40.84       | 88.68        | -88.62                  | 0.00                    | 0.00                   | 0.00                  |
| 4,100.00                           | 4.00            | 114.73      | 4,096.43              | -43.76       | 95.01        | -94.94                  | 0.00                    | 0.00                   | 0.00                  |
| 4,200.00                           | 4.00            | 114.73      | 4,196.19              | -46.68       | 101.35       | -101.27                 | 0.00                    | 0.00                   | 0.00                  |
| 4,300.00                           | 4.00            | 114.73      | 4,295.94              | -49.59       | 107.68       | -107.60                 | 0.00                    | 0.00                   | 0.00                  |
| 4,400.00                           | 4.00            | 114.73      | 4,395.70              | -52.51       | 114.02       | -113.93                 | 0.00                    | 0.00                   | 0.00                  |
| 4,500.00                           | 4.00            | 114.73      | 4,495.46              | -55.43       | 120.35       | -120.26                 | 0.00                    | 0.00                   | 0.00                  |
| 4,600.00                           | 4.00            | 114.73      | 4,595.21              | -58.34       | 126.68       | -126.59                 | 0.00                    | 0.00                   | 0.00                  |
| 4,700.00                           | 4.00            | 114.73      | 4,694.97              | -61.26       | 133.02       | -132.92                 | 0.00                    | 0.00                   | 0.00                  |
| 4,800.00                           | 4.00            | 114.73      | 4,794.73              | -64.18       | 139.35       | -139.25                 | 0.00                    | 0.00                   | 0.00                  |
| 4,900.00                           | 4.00            | 114.73      | 4,894.48              | -67.10       | 145.68       | -145.58                 | 0.00                    | 0.00                   | 0.00                  |
| 5,000.00                           | 4.00            | 114.73      | 4,994.24              | -70.01       | 152.02       | -151.91                 | 0.00                    | 0.00                   | 0.00                  |
| 5,100.00                           | 4.00            | 114.73      | 5,094.00              | -72.93       | 158.35       | -158.24                 | 0.00                    | 0.00                   | 0.00                  |

## Stryker Directional Planning Report

|           |                                 |                              |                                      |
|-----------|---------------------------------|------------------------------|--------------------------------------|
| Database: | EDM5000                         | Local Co-ordinate Reference: | Well Wingman 12-11 W0PM State COM 1H |
| Company:  | Mewbourne Oil Company           | TVD Reference:               | WELL @ 3253.00usft (Patterson 809)   |
| Project:  | Eddy County, N.M. Nad (83)      | MD Reference:                | WELL @ 3253.00usft (Patterson 809)   |
| Site:     | Airboss/Wingman                 | North Reference:             | Grid                                 |
| Well:     | Wingman 12-11 W0PM State COM 1H | Survey Calculation Method:   | Minimum Curvature                    |
| Wellbore: | Wellbore #1                     |                              |                                      |
| Design:   | Design #1                       |                              |                                      |

### Planned Survey

| Measured Depth (usft)          | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Vertical Section (usft) | Dogleg Rate (°/100usft) | Build Rate (°/100usft) | Turn Rate (°/100usft) |
|--------------------------------|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|-------------------------|------------------------|-----------------------|
| 5,200.00                       | 4.00            | 114.73      | 5,193.75              | -75.85       | 164.69       | -164.57                 | 0.00                    | 0.00                   | 0.00                  |
| 5,300.00                       | 4.00            | 114.73      | 5,293.51              | -78.76       | 171.02       | -170.90                 | 0.00                    | 0.00                   | 0.00                  |
| 5,400.00                       | 4.00            | 114.73      | 5,393.26              | -81.68       | 177.35       | -177.23                 | 0.00                    | 0.00                   | 0.00                  |
| 5,500.00                       | 4.00            | 114.73      | 5,493.02              | -84.60       | 183.69       | -183.56                 | 0.00                    | 0.00                   | 0.00                  |
| 5,600.00                       | 4.00            | 114.73      | 5,592.78              | -87.52       | 190.02       | -189.88                 | 0.00                    | 0.00                   | 0.00                  |
| 5,700.00                       | 4.00            | 114.73      | 5,692.53              | -90.43       | 196.36       | -196.21                 | 0.00                    | 0.00                   | 0.00                  |
| 5,800.00                       | 4.00            | 114.73      | 5,792.29              | -93.35       | 202.69       | -202.54                 | 0.00                    | 0.00                   | 0.00                  |
| 5,900.00                       | 4.00            | 114.73      | 5,892.05              | -96.27       | 209.02       | -208.87                 | 0.00                    | 0.00                   | 0.00                  |
| 6,000.00                       | 4.00            | 114.73      | 5,991.80              | -99.18       | 215.36       | -215.20                 | 0.00                    | 0.00                   | 0.00                  |
| 6,100.00                       | 4.00            | 114.73      | 6,091.56              | -102.10      | 221.69       | -221.53                 | 0.00                    | 0.00                   | 0.00                  |
| 6,200.00                       | 4.00            | 114.73      | 6,191.32              | -105.02      | 228.03       | -227.86                 | 0.00                    | 0.00                   | 0.00                  |
| 6,300.00                       | 4.00            | 114.73      | 6,291.07              | -107.94      | 234.36       | -234.19                 | 0.00                    | 0.00                   | 0.00                  |
| 6,400.00                       | 4.00            | 114.73      | 6,390.83              | -110.85      | 240.69       | -240.52                 | 0.00                    | 0.00                   | 0.00                  |
| 6,500.00                       | 4.00            | 114.73      | 6,490.59              | -113.77      | 247.03       | -246.85                 | 0.00                    | 0.00                   | 0.00                  |
| 6,600.00                       | 4.00            | 114.73      | 6,590.34              | -116.69      | 253.36       | -253.18                 | 0.00                    | 0.00                   | 0.00                  |
| 6,700.00                       | 4.00            | 114.73      | 6,690.10              | -119.60      | 259.70       | -259.51                 | 0.00                    | 0.00                   | 0.00                  |
| 6,800.00                       | 4.00            | 114.73      | 6,789.86              | -122.52      | 266.03       | -265.84                 | 0.00                    | 0.00                   | 0.00                  |
| 6,900.00                       | 4.00            | 114.73      | 6,889.61              | -125.44      | 272.36       | -272.17                 | 0.00                    | 0.00                   | 0.00                  |
| 7,000.00                       | 4.00            | 114.73      | 6,989.37              | -128.36      | 278.70       | -278.50                 | 0.00                    | 0.00                   | 0.00                  |
| 7,081.05                       | 4.00            | 114.73      | 7,070.23              | -130.72      | 283.83       | -283.63                 | 0.00                    | 0.00                   | 0.00                  |
| <b>Begin 2.00°/100' Drop</b>   |                 |             |                       |              |              |                         |                         |                        |                       |
| 7,100.00                       | 3.62            | 114.73      | 7,089.13              | -131.25      | 284.97       | -284.77                 | 2.00                    | -2.00                  | 0.00                  |
| 7,200.00                       | 1.62            | 114.73      | 7,189.02              | -133.16      | 289.13       | -288.92                 | 2.00                    | -2.00                  | 0.00                  |
| 7,280.99                       | 0.00            | 0.00        | 7,270.00              | -133.64      | 290.17       | -289.96                 | 2.00                    | -2.00                  | 0.00                  |
| <b>Begin Vertical Hold</b>     |                 |             |                       |              |              |                         |                         |                        |                       |
| 7,300.00                       | 0.00            | 0.00        | 7,289.01              | -133.64      | 290.17       | -289.96                 | 0.00                    | 0.00                   | 0.00                  |
| 7,400.00                       | 0.00            | 0.00        | 7,389.01              | -133.64      | 290.17       | -289.96                 | 0.00                    | 0.00                   | 0.00                  |
| 7,500.00                       | 0.00            | 0.00        | 7,489.01              | -133.64      | 290.17       | -289.96                 | 0.00                    | 0.00                   | 0.00                  |
| 7,600.00                       | 0.00            | 0.00        | 7,589.01              | -133.64      | 290.17       | -289.96                 | 0.00                    | 0.00                   | 0.00                  |
| 7,700.00                       | 0.00            | 0.00        | 7,689.01              | -133.64      | 290.17       | -289.96                 | 0.00                    | 0.00                   | 0.00                  |
| 7,800.00                       | 0.00            | 0.00        | 7,789.01              | -133.64      | 290.17       | -289.96                 | 0.00                    | 0.00                   | 0.00                  |
| 7,900.00                       | 0.00            | 0.00        | 7,889.01              | -133.64      | 290.17       | -289.96                 | 0.00                    | 0.00                   | 0.00                  |
| 8,000.00                       | 0.00            | 0.00        | 7,989.01              | -133.64      | 290.17       | -289.96                 | 0.00                    | 0.00                   | 0.00                  |
| 8,100.00                       | 0.00            | 0.00        | 8,089.01              | -133.64      | 290.17       | -289.96                 | 0.00                    | 0.00                   | 0.00                  |
| 8,200.00                       | 0.00            | 0.00        | 8,189.01              | -133.64      | 290.17       | -289.96                 | 0.00                    | 0.00                   | 0.00                  |
| 8,300.00                       | 0.00            | 0.00        | 8,289.01              | -133.64      | 290.17       | -289.96                 | 0.00                    | 0.00                   | 0.00                  |
| 8,311.04                       | 0.00            | 0.00        | 8,300.05              | -133.64      | 290.17       | -289.96                 | 0.00                    | 0.00                   | 0.00                  |
| <b>Begin 10.00°/100' Build</b> |                 |             |                       |              |              |                         |                         |                        |                       |
| 8,350.00                       | 3.90            | 269.91      | 8,338.98              | -133.64      | 288.84       | -288.63                 | 10.00                   | 10.00                  | 0.00                  |
| 8,400.00                       | 8.90            | 269.91      | 8,388.65              | -133.65      | 283.27       | -283.06                 | 10.00                   | 10.00                  | 0.00                  |
| 8,450.00                       | 13.90           | 269.91      | 8,437.65              | -133.66      | 273.40       | -273.19                 | 10.00                   | 10.00                  | 0.00                  |
| 8,500.00                       | 18.90           | 269.91      | 8,485.60              | -133.69      | 259.29       | -259.08                 | 10.00                   | 10.00                  | 0.00                  |
| 8,550.00                       | 23.90           | 269.91      | 8,532.14              | -133.71      | 241.05       | -240.84                 | 10.00                   | 10.00                  | 0.00                  |
| 8,600.00                       | 28.90           | 269.91      | 8,576.92              | -133.75      | 218.83       | -218.62                 | 10.00                   | 10.00                  | 0.00                  |
| 8,650.00                       | 33.90           | 269.91      | 8,619.58              | -133.79      | 192.79       | -192.58                 | 10.00                   | 10.00                  | 0.00                  |
| 8,700.00                       | 38.90           | 269.91      | 8,659.82              | -133.83      | 163.14       | -162.93                 | 10.00                   | 10.00                  | 0.00                  |
| 8,750.00                       | 43.90           | 269.91      | 8,697.31              | -133.88      | 130.08       | -129.87                 | 10.00                   | 10.00                  | 0.00                  |
| 8,800.00                       | 48.90           | 269.91      | 8,731.79              | -133.94      | 93.89        | -93.68                  | 10.00                   | 10.00                  | 0.00                  |
| 8,850.00                       | 53.90           | 269.91      | 8,762.97              | -134.00      | 54.83        | -54.62                  | 10.00                   | 10.00                  | 0.00                  |
| 8,900.00                       | 58.90           | 269.91      | 8,790.64              | -134.06      | 13.20        | -12.99                  | 10.00                   | 10.00                  | 0.00                  |
| 8,950.00                       | 63.90           | 269.91      | 8,814.57              | -134.13      | -30.69       | 30.90                   | 10.00                   | 10.00                  | 0.00                  |
| 9,000.00                       | 68.90           | 269.91      | 8,834.58              | -134.20      | -76.49       | 76.70                   | 10.00                   | 10.00                  | 0.00                  |
| 9,050.00                       | 73.90           | 269.91      | 8,850.53              | -134.27      | -123.86      | 124.07                  | 10.00                   | 10.00                  | 0.00                  |

## Stryker Directional Planning Report

|           |                                 |                              |                                      |
|-----------|---------------------------------|------------------------------|--------------------------------------|
| Database: | EDM5000                         | Local Co-ordinate Reference: | Well Wingman 12-11 W0PM State COM 1H |
| Company:  | Mewbourne Oil Company           | TVD Reference:               | WELL @ 3253.00usft (Patterson 809)   |
| Project:  | Eddy County, N.M. Nad (83)      | MD Reference:                | WELL @ 3253.00usft (Patterson 809)   |
| Site:     | Airboss/Wingman                 | North Reference:             | Grid                                 |
| Well:     | Wingman 12-11 W0PM State COM 1H | Survey Calculation Method:   | Minimum Curvature                    |
| Wellbore: | Wellbore #1                     |                              |                                      |
| Design:   | Design #1                       |                              |                                      |

### Planned Survey

| Measured Depth (usft)       | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Vertical Section (usft) | Dogleg Rate (°/100usft) | Build Rate (°/100usft) | Turn Rate (°/100usft) |
|-----------------------------|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|-------------------------|------------------------|-----------------------|
| 9,100.00                    | 78.90           | 269.91      | 8,862.29              | -134.34      | -172.44      | 172.65                  | 10.00                   | 10.00                  | 0.00                  |
| 9,150.00                    | 83.90           | 269.91      | 8,869.76              | -134.42      | -221.86      | 222.07                  | 10.00                   | 10.00                  | 0.00                  |
| 9,200.00                    | 88.90           | 269.91      | 8,872.91              | -134.50      | -271.75      | 271.96                  | 10.00                   | 10.00                  | 0.00                  |
| 9,214.86                    | 90.38           | 269.91      | 8,873.00              | -134.52      | -286.61      | 286.82                  | 10.00                   | 10.00                  | 0.00                  |
| <b>Begin 90.38° Lateral</b> |                 |             |                       |              |              |                         |                         |                        |                       |
| 9,300.00                    | 90.38           | 269.91      | 8,872.43              | -134.65      | -371.74      | 371.96                  | 0.00                    | 0.00                   | 0.00                  |
| 9,400.00                    | 90.38           | 269.91      | 8,871.77              | -134.80      | -471.74      | 471.95                  | 0.00                    | 0.00                   | 0.00                  |
| 9,500.00                    | 90.38           | 269.91      | 8,871.10              | -134.95      | -571.74      | 571.95                  | 0.00                    | 0.00                   | 0.00                  |
| 9,600.00                    | 90.38           | 269.91      | 8,870.44              | -135.11      | -671.74      | 671.95                  | 0.00                    | 0.00                   | 0.00                  |
| 9,700.00                    | 90.38           | 269.91      | 8,869.77              | -135.26      | -771.74      | 771.95                  | 0.00                    | 0.00                   | 0.00                  |
| 9,800.00                    | 90.38           | 269.91      | 8,869.10              | -135.41      | -871.73      | 871.94                  | 0.00                    | 0.00                   | 0.00                  |
| 9,900.00                    | 90.38           | 269.91      | 8,868.44              | -135.57      | -971.73      | 971.94                  | 0.00                    | 0.00                   | 0.00                  |
| 10,000.00                   | 90.38           | 269.91      | 8,867.77              | -135.72      | -1,071.73    | 1,071.94                | 0.00                    | 0.00                   | 0.00                  |
| 10,100.00                   | 90.38           | 269.91      | 8,867.11              | -135.87      | -1,171.73    | 1,171.94                | 0.00                    | 0.00                   | 0.00                  |
| 10,200.00                   | 90.38           | 269.91      | 8,866.44              | -136.02      | -1,271.72    | 1,271.94                | 0.00                    | 0.00                   | 0.00                  |
| 10,300.00                   | 90.38           | 269.91      | 8,865.78              | -136.18      | -1,371.72    | 1,371.93                | 0.00                    | 0.00                   | 0.00                  |
| 10,400.00                   | 90.38           | 269.91      | 8,865.11              | -136.33      | -1,471.72    | 1,471.93                | 0.00                    | 0.00                   | 0.00                  |
| 10,500.00                   | 90.38           | 269.91      | 8,864.45              | -136.48      | -1,571.72    | 1,571.93                | 0.00                    | 0.00                   | 0.00                  |
| 10,600.00                   | 90.38           | 269.91      | 8,863.78              | -136.63      | -1,671.71    | 1,671.93                | 0.00                    | 0.00                   | 0.00                  |
| 10,700.00                   | 90.38           | 269.91      | 8,863.11              | -136.79      | -1,771.71    | 1,771.93                | 0.00                    | 0.00                   | 0.00                  |
| 10,800.00                   | 90.38           | 269.91      | 8,862.45              | -136.94      | -1,871.71    | 1,871.92                | 0.00                    | 0.00                   | 0.00                  |
| 10,900.00                   | 90.38           | 269.91      | 8,861.78              | -137.09      | -1,971.71    | 1,971.92                | 0.00                    | 0.00                   | 0.00                  |
| 11,000.00                   | 90.38           | 269.91      | 8,861.12              | -137.25      | -2,071.71    | 2,071.92                | 0.00                    | 0.00                   | 0.00                  |
| 11,100.00                   | 90.38           | 269.91      | 8,860.45              | -137.40      | -2,171.70    | 2,171.92                | 0.00                    | 0.00                   | 0.00                  |
| 11,200.00                   | 90.38           | 269.91      | 8,859.79              | -137.55      | -2,271.70    | 2,271.91                | 0.00                    | 0.00                   | 0.00                  |
| 11,300.00                   | 90.38           | 269.91      | 8,859.12              | -137.70      | -2,371.70    | 2,371.91                | 0.00                    | 0.00                   | 0.00                  |
| 11,400.00                   | 90.38           | 269.91      | 8,858.45              | -137.86      | -2,471.70    | 2,471.91                | 0.00                    | 0.00                   | 0.00                  |
| 11,500.00                   | 90.38           | 269.91      | 8,857.79              | -138.01      | -2,571.69    | 2,571.91                | 0.00                    | 0.00                   | 0.00                  |
| 11,600.00                   | 90.38           | 269.91      | 8,857.12              | -138.16      | -2,671.69    | 2,671.91                | 0.00                    | 0.00                   | 0.00                  |
| 11,700.00                   | 90.38           | 269.91      | 8,856.46              | -138.31      | -2,771.69    | 2,771.90                | 0.00                    | 0.00                   | 0.00                  |
| 11,800.00                   | 90.38           | 269.91      | 8,855.79              | -138.47      | -2,871.69    | 2,871.90                | 0.00                    | 0.00                   | 0.00                  |
| 11,900.00                   | 90.38           | 269.91      | 8,855.13              | -138.62      | -2,971.68    | 2,971.90                | 0.00                    | 0.00                   | 0.00                  |
| 12,000.00                   | 90.38           | 269.91      | 8,854.46              | -138.77      | -3,071.68    | 3,071.90                | 0.00                    | 0.00                   | 0.00                  |
| 12,100.00                   | 90.38           | 269.91      | 8,853.79              | -138.93      | -3,171.68    | 3,171.89                | 0.00                    | 0.00                   | 0.00                  |
| 12,200.00                   | 90.38           | 269.91      | 8,853.13              | -139.08      | -3,271.68    | 3,271.89                | 0.00                    | 0.00                   | 0.00                  |
| 12,300.00                   | 90.38           | 269.91      | 8,852.46              | -139.23      | -3,371.68    | 3,371.89                | 0.00                    | 0.00                   | 0.00                  |
| 12,400.00                   | 90.38           | 269.91      | 8,851.80              | -139.38      | -3,471.67    | 3,471.89                | 0.00                    | 0.00                   | 0.00                  |
| 12,500.00                   | 90.38           | 269.91      | 8,851.13              | -139.54      | -3,571.67    | 3,571.89                | 0.00                    | 0.00                   | 0.00                  |
| 12,600.00                   | 90.38           | 269.91      | 8,850.47              | -139.69      | -3,671.67    | 3,671.88                | 0.00                    | 0.00                   | 0.00                  |
| 12,700.00                   | 90.38           | 269.91      | 8,849.80              | -139.84      | -3,771.67    | 3,771.88                | 0.00                    | 0.00                   | 0.00                  |
| 12,800.00                   | 90.38           | 269.91      | 8,849.13              | -139.99      | -3,871.66    | 3,871.88                | 0.00                    | 0.00                   | 0.00                  |
| 12,900.00                   | 90.38           | 269.91      | 8,848.47              | -140.15      | -3,971.66    | 3,971.88                | 0.00                    | 0.00                   | 0.00                  |
| 13,000.00                   | 90.38           | 269.91      | 8,847.80              | -140.30      | -4,071.66    | 4,071.87                | 0.00                    | 0.00                   | 0.00                  |
| 13,100.00                   | 90.38           | 269.91      | 8,847.14              | -140.45      | -4,171.66    | 4,171.87                | 0.00                    | 0.00                   | 0.00                  |
| 13,200.00                   | 90.38           | 269.91      | 8,846.47              | -140.61      | -4,271.65    | 4,271.87                | 0.00                    | 0.00                   | 0.00                  |
| 13,300.00                   | 90.38           | 269.91      | 8,845.81              | -140.76      | -4,371.65    | 4,371.87                | 0.00                    | 0.00                   | 0.00                  |
| 13,400.00                   | 90.38           | 269.91      | 8,845.14              | -140.91      | -4,471.65    | 4,471.87                | 0.00                    | 0.00                   | 0.00                  |
| 13,500.00                   | 90.38           | 269.91      | 8,844.48              | -141.06      | -4,571.65    | 4,571.86                | 0.00                    | 0.00                   | 0.00                  |
| 13,600.00                   | 90.38           | 269.91      | 8,843.81              | -141.22      | -4,671.64    | 4,671.86                | 0.00                    | 0.00                   | 0.00                  |
| 13,700.00                   | 90.38           | 269.91      | 8,843.14              | -141.37      | -4,771.64    | 4,771.86                | 0.00                    | 0.00                   | 0.00                  |
| 13,800.00                   | 90.38           | 269.91      | 8,842.48              | -141.52      | -4,871.64    | 4,871.86                | 0.00                    | 0.00                   | 0.00                  |
| 13,900.00                   | 90.38           | 269.91      | 8,841.81              | -141.67      | -4,971.64    | 4,971.85                | 0.00                    | 0.00                   | 0.00                  |
| 14,000.00                   | 90.38           | 269.91      | 8,841.15              | -141.83      | -5,071.64    | 5,071.85                | 0.00                    | 0.00                   | 0.00                  |
| 14,100.00                   | 90.38           | 269.91      | 8,840.48              | -141.98      | -5,171.63    | 5,171.85                | 0.00                    | 0.00                   | 0.00                  |

## Stryker Directional Planning Report

|           |                                 |                              |                                      |
|-----------|---------------------------------|------------------------------|--------------------------------------|
| Database: | EDM5000                         | Local Co-ordinate Reference: | Well Wingman 12-11 W0PM State COM 1H |
| Company:  | Mewbourne Oil Company           | TVD Reference:               | WELL @ 3253.00usft (Patterson 809)   |
| Project:  | Eddy County, N.M. Nad (83)      | MD Reference:                | WELL @ 3253.00usft (Patterson 809)   |
| Site:     | Airboss/Wingman                 | North Reference:             | Grid                                 |
| Well:     | Wingman 12-11 W0PM State COM 1H | Survey Calculation Method:   | Minimum Curvature                    |
| Wellbore: | Wellbore #1                     |                              |                                      |
| Design:   | Design #1                       |                              |                                      |

### Planned Survey

| Measured Depth (usft) | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Vertical Section (usft) | Dogleg Rate (°/100usft) | Build Rate (°/100usft) | Turn Rate (°/100usft) |
|-----------------------|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|-------------------------|------------------------|-----------------------|
| 14,200.00             | 90.38           | 269.91      | 8,839.82              | -142.13      | -5,271.63    | 5,271.85                | 0.00                    | 0.00                   | 0.00                  |
| 14,300.00             | 90.38           | 269.91      | 8,839.15              | -142.29      | -5,371.63    | 5,371.85                | 0.00                    | 0.00                   | 0.00                  |
| 14,400.00             | 90.38           | 269.91      | 8,838.48              | -142.44      | -5,471.63    | 5,471.84                | 0.00                    | 0.00                   | 0.00                  |
| 14,500.00             | 90.38           | 269.91      | 8,837.82              | -142.59      | -5,571.62    | 5,571.84                | 0.00                    | 0.00                   | 0.00                  |
| 14,600.00             | 90.38           | 269.91      | 8,837.15              | -142.74      | -5,671.62    | 5,671.84                | 0.00                    | 0.00                   | 0.00                  |
| 14,700.00             | 90.38           | 269.91      | 8,836.49              | -142.90      | -5,771.62    | 5,771.84                | 0.00                    | 0.00                   | 0.00                  |
| 14,800.00             | 90.38           | 269.91      | 8,835.82              | -143.05      | -5,871.62    | 5,871.83                | 0.00                    | 0.00                   | 0.00                  |
| 14,900.00             | 90.38           | 269.91      | 8,835.16              | -143.20      | -5,971.61    | 5,971.83                | 0.00                    | 0.00                   | 0.00                  |
| 15,000.00             | 90.38           | 269.91      | 8,834.49              | -143.35      | -6,071.61    | 6,071.83                | 0.00                    | 0.00                   | 0.00                  |
| 15,100.00             | 90.38           | 269.91      | 8,833.82              | -143.51      | -6,171.61    | 6,171.83                | 0.00                    | 0.00                   | 0.00                  |
| 15,200.00             | 90.38           | 269.91      | 8,833.16              | -143.66      | -6,271.61    | 6,271.83                | 0.00                    | 0.00                   | 0.00                  |
| 15,300.00             | 90.38           | 269.91      | 8,832.49              | -143.81      | -6,371.61    | 6,371.82                | 0.00                    | 0.00                   | 0.00                  |
| 15,400.00             | 90.38           | 269.91      | 8,831.83              | -143.97      | -6,471.60    | 6,471.82                | 0.00                    | 0.00                   | 0.00                  |
| 15,500.00             | 90.38           | 269.91      | 8,831.16              | -144.12      | -6,571.60    | 6,571.82                | 0.00                    | 0.00                   | 0.00                  |
| 15,600.00             | 90.38           | 269.91      | 8,830.50              | -144.27      | -6,671.60    | 6,671.82                | 0.00                    | 0.00                   | 0.00                  |
| 15,700.00             | 90.38           | 269.91      | 8,829.83              | -144.42      | -6,771.60    | 6,771.81                | 0.00                    | 0.00                   | 0.00                  |
| 15,800.00             | 90.38           | 269.91      | 8,829.16              | -144.58      | -6,871.59    | 6,871.81                | 0.00                    | 0.00                   | 0.00                  |
| 15,900.00             | 90.38           | 269.91      | 8,828.50              | -144.73      | -6,971.59    | 6,971.81                | 0.00                    | 0.00                   | 0.00                  |
| 16,000.00             | 90.38           | 269.91      | 8,827.83              | -144.88      | -7,071.59    | 7,071.81                | 0.00                    | 0.00                   | 0.00                  |
| 16,100.00             | 90.38           | 269.91      | 8,827.17              | -145.03      | -7,171.59    | 7,171.81                | 0.00                    | 0.00                   | 0.00                  |
| 16,200.00             | 90.38           | 269.91      | 8,826.50              | -145.19      | -7,271.58    | 7,271.80                | 0.00                    | 0.00                   | 0.00                  |
| 16,300.00             | 90.38           | 269.91      | 8,825.84              | -145.34      | -7,371.58    | 7,371.80                | 0.00                    | 0.00                   | 0.00                  |
| 16,400.00             | 90.38           | 269.91      | 8,825.17              | -145.49      | -7,471.58    | 7,471.80                | 0.00                    | 0.00                   | 0.00                  |
| 16,500.00             | 90.38           | 269.91      | 8,824.51              | -145.65      | -7,571.58    | 7,571.80                | 0.00                    | 0.00                   | 0.00                  |
| 16,600.00             | 90.38           | 269.91      | 8,823.84              | -145.80      | -7,671.57    | 7,671.79                | 0.00                    | 0.00                   | 0.00                  |
| 16,700.00             | 90.38           | 269.91      | 8,823.17              | -145.95      | -7,771.57    | 7,771.79                | 0.00                    | 0.00                   | 0.00                  |
| 16,800.00             | 90.38           | 269.91      | 8,822.51              | -146.10      | -7,871.57    | 7,871.79                | 0.00                    | 0.00                   | 0.00                  |
| 16,900.00             | 90.38           | 269.91      | 8,821.84              | -146.26      | -7,971.57    | 7,971.79                | 0.00                    | 0.00                   | 0.00                  |
| 17,000.00             | 90.38           | 269.91      | 8,821.18              | -146.41      | -8,071.57    | 8,071.79                | 0.00                    | 0.00                   | 0.00                  |
| 17,100.00             | 90.38           | 269.91      | 8,820.51              | -146.56      | -8,171.56    | 8,171.78                | 0.00                    | 0.00                   | 0.00                  |
| 17,200.00             | 90.38           | 269.91      | 8,819.85              | -146.71      | -8,271.56    | 8,271.78                | 0.00                    | 0.00                   | 0.00                  |
| 17,300.00             | 90.38           | 269.91      | 8,819.18              | -146.87      | -8,371.56    | 8,371.78                | 0.00                    | 0.00                   | 0.00                  |
| 17,400.00             | 90.38           | 269.91      | 8,818.51              | -147.02      | -8,471.56    | 8,471.78                | 0.00                    | 0.00                   | 0.00                  |
| 17,500.00             | 90.38           | 269.91      | 8,817.85              | -147.17      | -8,571.55    | 8,571.77                | 0.00                    | 0.00                   | 0.00                  |
| 17,600.00             | 90.38           | 269.91      | 8,817.18              | -147.33      | -8,671.55    | 8,671.77                | 0.00                    | 0.00                   | 0.00                  |
| 17,700.00             | 90.38           | 269.91      | 8,816.52              | -147.48      | -8,771.55    | 8,771.77                | 0.00                    | 0.00                   | 0.00                  |
| 17,800.00             | 90.38           | 269.91      | 8,815.85              | -147.63      | -8,871.55    | 8,871.77                | 0.00                    | 0.00                   | 0.00                  |
| 17,900.00             | 90.38           | 269.91      | 8,815.19              | -147.78      | -8,971.54    | 8,971.77                | 0.00                    | 0.00                   | 0.00                  |
| 18,000.00             | 90.38           | 269.91      | 8,814.52              | -147.94      | -9,071.54    | 9,071.76                | 0.00                    | 0.00                   | 0.00                  |
| 18,100.00             | 90.38           | 269.91      | 8,813.85              | -148.09      | -9,171.54    | 9,171.76                | 0.00                    | 0.00                   | 0.00                  |
| 18,200.00             | 90.38           | 269.91      | 8,813.19              | -148.24      | -9,271.54    | 9,271.76                | 0.00                    | 0.00                   | 0.00                  |
| 18,300.00             | 90.38           | 269.91      | 8,812.52              | -148.39      | -9,371.54    | 9,371.76                | 0.00                    | 0.00                   | 0.00                  |
| 18,400.00             | 90.38           | 269.91      | 8,811.86              | -148.55      | -9,471.53    | 9,471.75                | 0.00                    | 0.00                   | 0.00                  |
| 18,500.00             | 90.38           | 269.91      | 8,811.19              | -148.70      | -9,571.53    | 9,571.75                | 0.00                    | 0.00                   | 0.00                  |
| 18,600.00             | 90.38           | 269.91      | 8,810.53              | -148.85      | -9,671.53    | 9,671.75                | 0.00                    | 0.00                   | 0.00                  |
| 18,700.00             | 90.38           | 269.91      | 8,809.86              | -149.01      | -9,771.53    | 9,771.75                | 0.00                    | 0.00                   | 0.00                  |
| 18,800.00             | 90.38           | 269.91      | 8,809.19              | -149.16      | -9,871.52    | 9,871.75                | 0.00                    | 0.00                   | 0.00                  |
| 18,900.00             | 90.38           | 269.91      | 8,808.53              | -149.31      | -9,971.52    | 9,971.74                | 0.00                    | 0.00                   | 0.00                  |
| 18,979.49             | 90.38           | 269.91      | 8,808.00              | -149.43      | -10,051.01   | 10,051.23               | 0.00                    | 0.00                   | 0.00                  |
| PBHL                  |                 |             |                       |              |              |                         |                         |                        |                       |

## Stryker Directional Planning Report

|                  |                                 |                                     |                                      |
|------------------|---------------------------------|-------------------------------------|--------------------------------------|
| <b>Database:</b> | EDM5000                         | <b>Local Co-ordinate Reference:</b> | Well Wingman 12-11 W0PM State COM 1H |
| <b>Company:</b>  | Mewbourne Oil Company           | <b>TVD Reference:</b>               | WELL @ 3253.00usft (Patterson 809)   |
| <b>Project:</b>  | Eddy County, N.M. Nad (83)      | <b>MD Reference:</b>                | WELL @ 3253.00usft (Patterson 809)   |
| <b>Site:</b>     | Airboss/Wingman                 | <b>North Reference:</b>             | Grid                                 |
| <b>Well:</b>     | Wingman 12-11 W0PM State COM 1H | <b>Survey Calculation Method:</b>   | Minimum Curvature                    |
| <b>Wellbore:</b> | Wellbore #1                     |                                     |                                      |
| <b>Design:</b>   | Design #1                       |                                     |                                      |

### Design Targets

| Target Name<br>- hit/miss target<br>- Shape               | Dip Angle<br>(°) | Dip Dir.<br>(°) | TVD<br>(usft) | +N/-S<br>(usft) | +E/-W<br>(usft) | Northing<br>(usft) | Easting<br>(usft) | Latitude         | Longitude         |
|-----------------------------------------------------------|------------------|-----------------|---------------|-----------------|-----------------|--------------------|-------------------|------------------|-------------------|
| VP - Wingman 1H<br>- plan hits target center<br>- Point   | 0.00             | 0.00            | 7,270.00      | -133.64         | 290.17          | 477,743.3945       | 570,874.0741      | 32° 18' 48.071 N | 104° 14' 15.806 W |
| PBHL - Wingman 1H<br>- plan hits target center<br>- Point | 0.00             | 0.00            | 8,808.00      | -149.43         | -10,051.01      | 477,727.6000       | 560,532.9000      | 32° 18' 47.990 N | 104° 16' 16.313 W |

### Casing Points

| Measured<br>Depth<br>(usft) | Vertical<br>Depth<br>(usft) | Name   | Casing<br>Diameter<br>(") | Hole<br>Diameter<br>(") |
|-----------------------------|-----------------------------|--------|---------------------------|-------------------------|
| 1,835.00                    | 1,835.00                    | 9 5/8" | 9-5/8                     | 12-1/4                  |

### Formations

| Measured<br>Depth<br>(usft) | Vertical<br>Depth<br>(usft) | Name                 | Lithology | Dip<br>(°) | Dip<br>Direction<br>(°) |
|-----------------------------|-----------------------------|----------------------|-----------|------------|-------------------------|
| 1,910.00                    | 1,910.00                    | Delaware (Lamar)     |           | -0.38      | 269.91                  |
| 2,030.00                    | 2,030.00                    | Bell Canyon          |           | -0.38      | 269.91                  |
| 2,680.15                    | 2,680.03                    | Cherry Canyon        |           | -0.38      | 269.91                  |
| 2,783.44                    | 2,783.08                    | Manzanita Marker     |           | -0.38      | 269.91                  |
| 4,064.10                    | 4,060.61                    | Basal Brushy Canyon  |           | -0.38      | 269.91                  |
| 5,337.73                    | 5,331.15                    | Bone Spring          |           | -0.38      | 269.91                  |
| 6,360.65                    | 6,351.58                    | 1st Bone Spring Sand |           | -0.38      | 269.91                  |
| 6,852.06                    | 6,841.79                    | 2nd Bone Spring Sand |           | -0.38      | 269.91                  |
| 7,072.68                    | 7,061.88                    | 3rd Bone Spring Sand |           | -0.38      | 269.91                  |
| 8,918.59                    | 8,799.98                    | Wolfcamp             |           | -0.38      | 269.91                  |

### Plan Annotations

| Measured<br>Depth<br>(usft) | Vertical<br>Depth<br>(usft) | Local Coordinates |                 | Comment                     |
|-----------------------------|-----------------------------|-------------------|-----------------|-----------------------------|
|                             |                             | +N/-S<br>(usft)   | +E/-W<br>(usft) |                             |
| 2,500.00                    | 2,500.00                    | 0.00              | 0.00            | KOP, Begin 2.00°/100' Build |
| 2,699.94                    | 2,699.77                    | -2.92             | 6.33            | Begin 4.00° Tangent         |
| 7,081.05                    | 7,070.23                    | -130.72           | 283.83          | Begin 2.00°/100' Drop       |
| 7,280.99                    | 7,270.00                    | -133.64           | 290.17          | Begin Vertical Hold         |
| 8,311.04                    | 8,300.05                    | -133.64           | 290.17          | Begin 10.00°/100' Build     |
| 9,214.86                    | 8,873.00                    | -134.52           | -286.61         | Begin 90.38° Lateral        |
| 18,979.49                   | 8,808.00                    | -149.43           | -10,051.01      | PBHL                        |

Intent ☐ As Drilled ☒

|                                     |                                                |                   |
|-------------------------------------|------------------------------------------------|-------------------|
| API #<br>30-015-46230               |                                                |                   |
| Operator Name:<br>Mewbourne Oil Co. | Property Name:<br>Wingman 12/11 W0PM State Com | Well Number<br>1H |

## Kick Off Point (KOP)

|                        |               |                 |              |     |                           |               |            |               |                |
|------------------------|---------------|-----------------|--------------|-----|---------------------------|---------------|------------|---------------|----------------|
| UL<br>P                | Section<br>12 | Township<br>23S | Range<br>26E | Lot | Feet<br>501               | From N/S<br>S | Feet<br>14 | From E/W<br>E | County<br>EDDY |
| Latitude<br>32.3133335 |               |                 |              |     | Longitude<br>-104.2386628 |               |            |               | NAD<br>83      |

## First Take Point (FTP)

|                        |               |                 |              |     |                           |               |             |               |                |
|------------------------|---------------|-----------------|--------------|-----|---------------------------|---------------|-------------|---------------|----------------|
| UL<br>P                | Section<br>12 | Township<br>23S | Range<br>26E | Lot | Feet<br>494               | From N/S<br>S | Feet<br>358 | From E/W<br>E | County<br>EDDY |
| Latitude<br>32.3133502 |               |                 |              |     | Longitude<br>-104.2388505 |               |             |               | NAD<br>83      |

## Last Take Point (LTP)

|                        |               |                 |              |     |                           |               |             |               |                |
|------------------------|---------------|-----------------|--------------|-----|---------------------------|---------------|-------------|---------------|----------------|
| UL<br>M                | Section<br>11 | Township<br>23S | Range<br>26E | Lot | Feet<br>488               | From N/S<br>S | Feet<br>376 | From E/W<br>W | County<br>EDDY |
| Latitude<br>32.3133014 |               |                 |              |     | Longitude<br>-104.2710489 |               |             |               | NAD<br>83      |

Is this well the defining well for the Horizontal Spacing Unit? ☒Is this well an infill well? ☐

If infill is yes please provide API if available, Operator Name and well number for Defining well for Horizontal Spacing Unit.

|                |                |             |
|----------------|----------------|-------------|
| API #          |                |             |
| Operator Name: | Property Name: | Well Number |

KZ 06/29/2018

Submit 1 Copy To Appropriate District Office  
**District I** – (575) 393-6161  
 1625 N. French Dr., Hobbs, NM 88240  
**District II** – (575) 748-1283  
 811 S. First St., Artesia, NM 88210  
**District III** – (505) 334-6178  
 1000 Rio Brazos Rd., Aztec, NM 87410  
**District IV** – (505) 476-3460  
 1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
 Energy, Minerals and Natural Resources

Form C-103  
 Revised July 18, 2013

OIL CONSERVATION DIVISION  
 1220 South St. Francis Dr.  
 Santa Fe, NM 87505

|                                                                                                     |       |
|-----------------------------------------------------------------------------------------------------|-------|
| WELL API NO.<br>30-015-46230                                                                        |       |
| 5. Indicate Type of Lease<br>STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/> |       |
| 6. State Oil & Gas Lease No.                                                                        |       |
| 7. Lease Name or Unit Agreement Name<br>Wingman 12/11 W0PM St Com                                   |       |
| 8. Well Number                                                                                      | 1H    |
| 9. OGRID Number                                                                                     | 14744 |
| 10. Pool name or Wildcat<br>Purple Sage; Wolfcamp                                                   |       |

SUNDRY NOTICES AND REPORTS ON WELLS  
 (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well: Oil Well ☒ Gas Well ☐ Other ☐

2. Name of Operator

MEWBOURNE OIL CO

3. Address of Operator

PO BOX 5270, Hobbs, NM 88241

4. Well Location

Unit Letter \_\_\_\_\_ P \_\_\_\_\_ : \_\_\_\_\_ 630 \_\_\_\_\_ feet from the \_\_\_\_\_ S \_\_\_\_\_ line and \_\_\_\_\_ 300 \_\_\_\_\_ feet from the \_\_\_\_\_ E \_\_\_\_\_ line  
 Section 12 Township 23S Range 26E NMPM County EDDY

11. Elevation (Show whether DR, RKB, RT, GR, etc.)  
 3253' KB

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐  
 TEMPORARILY ABANDON ☐ CHANGE PLANS ☐  
 PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐  
 DOWNHOLE COMMINGLE ☐  
 CLOSED-LOOP SYSTEM ☐  
 OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐  
 COMMENCE DRILLING OPNS. ☐ P AND A ☐  
 CASING/CEMENT JOB ☐  
 OTHER: Completion Sundry ☒

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

8/1/2021 Frac horizontal Wolfcamp w/14770434 gals PW slickwater & 9710694 gals brackish slickwater, carrying 25043471# local 100 mesh sand.

8/5/2021 Drillout frac plugs to PBTD @ 18940'

8/9/2021 Run production tubing to setting depth 8,233'

8/11/2021 Put well on production

Formation Top Bottom Descriptions, Contents, etc.

Name Top Wolfcamp 9774' - 14545' WATER, OIL & GAS

Castile 1160', Base of salt 2680', Delaware 2880', Bell Canyon 2910', Cherry Canyon 3790', Manzanita Marker 3960', Brushy Canyon 5000', Bone Spring 6670', 1<sup>st</sup> Bone Spring 7530', 2<sup>nd</sup> Bone Spring 8400', 3<sup>rd</sup> Bone Spring 9410', Wolfcamp 9774'.

Spud Date: 03/19/2021

Rig Release Date: 04/11/2021

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Landon Stallings TITLE Petroleum Engineer DATE 10/11/2021

Type or print name Landon Stallings E-mail address: lstallings@mewbourne.com PHONE: 575-393-5905

**For State Use Only**

APPROVED BY: \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

Conditions of Approval (if any):

|                                                                                                                                                                                                                                                                                                                                                                                       |                                   |                                                                                                                                                                                       |                                        |                          |                                                                                                |                                                 |                                           |                                                 |            |               |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|--------------------------|------------------------------------------------------------------------------------------------|-------------------------------------------------|-------------------------------------------|-------------------------------------------------|------------|---------------|
| Submit To Appropriate District Office<br>Two Copies<br>District I<br>1625 N. French Dr., Hobbs, NM 88240<br>District II<br>811 S. First St., Artesia, NM 88210<br>District III<br>1000 Rio Brazos Rd., Aztec, NM 87410<br>District IV<br>1220 S. St. Francis Dr., Santa Fe, NM 87505                                                                                                  |                                   | <b>State of New Mexico</b><br><b>Energy, Minerals and Natural Resources</b><br><br><b>Oil Conservation Division</b><br><b>1220 South St. Francis Dr.</b><br><b>Santa Fe, NM 87505</b> |                                        |                          | <b>Form C-105</b><br>Revised April 3, 2017                                                     |                                                 |                                           |                                                 |            |               |
| <b>WELL COMPLETION OR RECOMPLETION REPORT AND LOG</b>                                                                                                                                                                                                                                                                                                                                 |                                   |                                                                                                                                                                                       |                                        |                          |                                                                                                |                                                 |                                           |                                                 |            |               |
| 4. Reason for filing:<br><input checked="" type="checkbox"/> <b>COMPLETION REPORT</b> (Fill in boxes #1 through #31 for State and Fee wells only)<br><br><input type="checkbox"/> <b>C-144 CLOSURE ATTACHMENT</b> (Fill in boxes #1 through #9, #15 Date Rig Released and #32 and/or #33; attach this and the plat to the C-144 closure report in accordance with 19.15.17.13.K NMAC) |                                   |                                                                                                                                                                                       |                                        |                          | 5. Lease Name or Unit Agreement Name<br>Wingman 12/11 WOPM St Com<br><br>6. Well Number:<br>1H |                                                 |                                           |                                                 |            |               |
| 7. Type of Completion:<br><input checked="" type="checkbox"/> NEW WELL <input type="checkbox"/> WORKOVER <input type="checkbox"/> DEEPENING <input type="checkbox"/> PLUGBACK <input type="checkbox"/> DIFFERENT RESERVOIR <input type="checkbox"/> OTHER                                                                                                                             |                                   |                                                                                                                                                                                       |                                        |                          |                                                                                                |                                                 |                                           |                                                 |            |               |
| 8. Name of Operator<br>MEWBOURNE OIL CO                                                                                                                                                                                                                                                                                                                                               |                                   |                                                                                                                                                                                       |                                        |                          | 9. OGRID      14744                                                                            |                                                 |                                           |                                                 |            |               |
| 10. Address of Operator<br>P.O. Box 5270, Hobbs, NM 88241                                                                                                                                                                                                                                                                                                                             |                                   |                                                                                                                                                                                       |                                        |                          | 11. Pool name or Wildcat<br>Purple Sage; Wolfcamp                                              |                                                 |                                           |                                                 |            |               |
| 12. Location                                                                                                                                                                                                                                                                                                                                                                          | Unit Ltr                          | Section                                                                                                                                                                               | Township                               | Range                    | Lot                                                                                            | Feet from the                                   | N/S Line                                  | Feet from the                                   | E/W Line   | County        |
| Surface:                                                                                                                                                                                                                                                                                                                                                                              | P                                 | 12                                                                                                                                                                                    | 23S                                    | 26E                      |                                                                                                | 630                                             | S                                         | 300                                             | E          | EDDY          |
| BH:                                                                                                                                                                                                                                                                                                                                                                                   | M                                 | 11                                                                                                                                                                                    | 23S                                    | 26E                      |                                                                                                | 488                                             | S                                         | 330                                             | W          | EDDY          |
| 13. Date Spudded<br>3/19/2021                                                                                                                                                                                                                                                                                                                                                         | 14. Date T.D. Reached<br>4/9/2021 |                                                                                                                                                                                       | 15. Date Rig Released<br>4/11/2021     |                          | 16. Date Completed (Ready to Produce)<br>8/10/2021                                             |                                                 |                                           | 17. Elevations (DF and RKB, RT, GR, etc.) 3253' |            |               |
| 18. Total Measured Depth of Well<br>18954'                                                                                                                                                                                                                                                                                                                                            |                                   |                                                                                                                                                                                       | 19. Plug Back Measured Depth<br>18940' |                          | 20. Was Directional Survey Made?<br>YES                                                        |                                                 |                                           | 21. Type Electric and Other Logs Run<br>GR      |            |               |
| 22. Producing Interval(s), of this completion - Top, Bottom, Name                                                                                                                                                                                                                                                                                                                     |                                   |                                                                                                                                                                                       |                                        |                          |                                                                                                |                                                 |                                           |                                                 |            |               |
| <b>23. CASING RECORD (Report all strings set in well)</b>                                                                                                                                                                                                                                                                                                                             |                                   |                                                                                                                                                                                       |                                        |                          |                                                                                                |                                                 |                                           |                                                 |            |               |
| CASING SIZE                                                                                                                                                                                                                                                                                                                                                                           |                                   | WEIGHT LB./FT.                                                                                                                                                                        |                                        | DEPTH SET                |                                                                                                | HOLE SIZE                                       |                                           | CEMENTING RECORD                                |            | AMOUNT PULLED |
| 13 3/8"                                                                                                                                                                                                                                                                                                                                                                               |                                   | 54.50                                                                                                                                                                                 |                                        | 496                      |                                                                                                | 17 1/2"                                         |                                           | 550                                             |            |               |
| 9 5/8"                                                                                                                                                                                                                                                                                                                                                                                |                                   | 40                                                                                                                                                                                    |                                        | 1844                     |                                                                                                | 12 3/4"                                         |                                           | 500                                             |            |               |
| 7"                                                                                                                                                                                                                                                                                                                                                                                    |                                   | 29                                                                                                                                                                                    |                                        | 9208                     |                                                                                                | 8 3/4"                                          |                                           | 650                                             |            |               |
|                                                                                                                                                                                                                                                                                                                                                                                       |                                   |                                                                                                                                                                                       |                                        |                          |                                                                                                |                                                 |                                           |                                                 |            |               |
|                                                                                                                                                                                                                                                                                                                                                                                       |                                   |                                                                                                                                                                                       |                                        |                          |                                                                                                |                                                 |                                           |                                                 |            |               |
| <b>24. LINER RECORD</b>                                                                                                                                                                                                                                                                                                                                                               |                                   |                                                                                                                                                                                       |                                        |                          |                                                                                                |                                                 |                                           |                                                 |            |               |
| SIZE                                                                                                                                                                                                                                                                                                                                                                                  | TOP                               | BOTTOM                                                                                                                                                                                | SACKS CEMENT                           |                          | SCREEN                                                                                         |                                                 | 25. TUBING RECORD                         |                                                 |            |               |
| 4 1/2"                                                                                                                                                                                                                                                                                                                                                                                | 8270                              | 18954                                                                                                                                                                                 | 875                                    |                          |                                                                                                |                                                 | SIZE                                      | DEPTH SET                                       | PACKER SET |               |
|                                                                                                                                                                                                                                                                                                                                                                                       |                                   |                                                                                                                                                                                       |                                        |                          |                                                                                                |                                                 | 3 1/2"                                    | 8233                                            | 8220       |               |
| 26. Perforation record (interval, size, and number)                                                                                                                                                                                                                                                                                                                                   |                                   |                                                                                                                                                                                       |                                        |                          |                                                                                                |                                                 |                                           |                                                 |            |               |
| 8934-18900, 0.39", 2,196                                                                                                                                                                                                                                                                                                                                                              |                                   |                                                                                                                                                                                       |                                        |                          |                                                                                                |                                                 |                                           |                                                 |            |               |
| 27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.                                                                                                                                                                                                                                                                                                                                       |                                   |                                                                                                                                                                                       |                                        |                          |                                                                                                |                                                 |                                           |                                                 |            |               |
| DEPTH INTERVAL                                                                                                                                                                                                                                                                                                                                                                        |                                   |                                                                                                                                                                                       |                                        |                          |                                                                                                | AMOUNT AND KIND MATERIAL USED                   |                                           |                                                 |            |               |
| 8934-18900                                                                                                                                                                                                                                                                                                                                                                            |                                   |                                                                                                                                                                                       |                                        |                          |                                                                                                | 24481128 gal SW & 25043471# sand                |                                           |                                                 |            |               |
|                                                                                                                                                                                                                                                                                                                                                                                       |                                   |                                                                                                                                                                                       |                                        |                          |                                                                                                |                                                 |                                           |                                                 |            |               |
|                                                                                                                                                                                                                                                                                                                                                                                       |                                   |                                                                                                                                                                                       |                                        |                          |                                                                                                |                                                 |                                           |                                                 |            |               |
| <b>28. PRODUCTION</b>                                                                                                                                                                                                                                                                                                                                                                 |                                   |                                                                                                                                                                                       |                                        |                          |                                                                                                |                                                 |                                           |                                                 |            |               |
| Date First Production<br>8/11/2021                                                                                                                                                                                                                                                                                                                                                    |                                   | Production Method ( <i>Flowing, gas lift, pumping - Size and type pump</i> )<br>Gas lift                                                                                              |                                        |                          |                                                                                                | Well Status ( <i>Prod. or Shut-in</i> )<br>Prod |                                           |                                                 |            |               |
| Date of Test<br>8/31/2021                                                                                                                                                                                                                                                                                                                                                             | Hours Tested<br>24                | Choke Size<br>48/64                                                                                                                                                                   | Prod'n For<br>Test Period              | Oil - Bbl<br>736         | Gas - MCF<br>1765                                                                              | Water - Bbl.<br>5071                            | Gas - Oil Ratio                           |                                                 |            |               |
| Flow Tubing<br>Press. 1120                                                                                                                                                                                                                                                                                                                                                            | Casing Pressure<br>965            | Calculated 24-<br>Hour Rate                                                                                                                                                           | Oil - Bbl.<br>736                      | Gas - MCF<br>1765        | Water - Bbl.<br>5071                                                                           | Oil Gravity - API - ( <i>Corr.</i> )            |                                           |                                                 |            |               |
| 29. Disposition of Gas ( <i>Sold, used for fuel, vented, etc.</i> )<br>SOLD                                                                                                                                                                                                                                                                                                           |                                   |                                                                                                                                                                                       |                                        |                          |                                                                                                |                                                 | 30. Test Witnessed By<br>Landon Stallings |                                                 |            |               |
| 31. List Attachments<br>C104, Deviation Survey, Directional Survey, Gyro log, Final C-102                                                                                                                                                                                                                                                                                             |                                   |                                                                                                                                                                                       |                                        |                          |                                                                                                |                                                 |                                           |                                                 |            |               |
| 32. If a temporary pit was used at the well, attach a plat with the location of the temporary pit.                                                                                                                                                                                                                                                                                    |                                   |                                                                                                                                                                                       |                                        |                          |                                                                                                |                                                 | 33. Rig Release Date: 04/11/2021          |                                                 |            |               |
| 34. If an on-site burial was used at the well, report the exact location of the on-site burial:                                                                                                                                                                                                                                                                                       |                                   |                                                                                                                                                                                       |                                        |                          |                                                                                                |                                                 |                                           |                                                 |            |               |
| Latitude                                                                                                                                                                                                                                                                                                                                                                              |                                   |                                                                                                                                                                                       | Longitude                              |                          |                                                                                                | NAD83                                           |                                           |                                                 |            |               |
| <i>I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief</i>                                                                                                                                                                                                                                             |                                   |                                                                                                                                                                                       |                                        |                          |                                                                                                |                                                 |                                           |                                                 |            |               |
| Signature <i>Landon Stallings</i>                                                                                                                                                                                                                                                                                                                                                     |                                   | Name Landon Stallings                                                                                                                                                                 |                                        | Title Petroleum Engineer |                                                                                                |                                                 | Date 10/11/2021                           |                                                 |            |               |
| E-mail Address lstallings@mewbourne.com                                                                                                                                                                                                                                                                                                                                               |                                   |                                                                                                                                                                                       |                                        |                          |                                                                                                |                                                 |                                           |                                                 |            |               |

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well and not later than 60 days after completion of closure. When submitted as a completion report, this shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 11, 12 and 26-31 shall be reported for each zone.

| Southeastern New Mexico |                       | Northwestern New Mexico |                  |
|-------------------------|-----------------------|-------------------------|------------------|
| T. Anhy                 | T. Bell Canyon 2016   | T. Ojo Alamo            | T. Penn A"       |
| T. Salt                 | T. Strawn             | T. Kirtland             | T. Penn. "B"     |
| B. Salt 1643            | T. Atoka              | T. Fruitland            | T. Penn. "C"     |
| T. Yates                | T. Miss               | T. Pictured Cliffs      | T. Penn. "D"     |
| T. 7 Rivers             | T. Devonian           | T. Cliff House          | T. Leadville     |
| T. Queen                | T. Silurian           | T. Menefee              | T. Madison       |
| T. Grayburg             | T. Montoya            | T. Point Lookout        | T. Elbert        |
| T. San Andres           | T. Simpson            | T. Mancos               | T. McCracken     |
| T. Glorieta             | T. McKee              | T. Gallup               | T. Ignacio Otzte |
| T. Paddock              | T. Ellenburger        | Base Greenhorn          | T. Granite       |
| T. Blinebry             | T. Gr. Wash           | T. Dakota               |                  |
| T. Tubb                 | T. Delaware Sand 1910 | T. Morrison             |                  |
| T. Drinkard             | T. Bone Springs 5258  | T. Todilto              |                  |
| T. Abo                  | T. Castile 543        | T. Entrada              |                  |
| T. Wolfcamp 8835        | T. Deleware 1882      | T. Wingate              |                  |
| T. Penn                 | T. Manzanita 2768     | T. Chinle               |                  |
| T. Cisco (Bough C)      | T. Brushy Canyon 4020 | T. Permian              |                  |

### OIL OR GAS SANDS OR ZONES

No. 1, from.....to.....  
No. 2, from.....to.....  
No. 3, from.....to.....  
No. 4, from.....to.....

## IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from.....to.....feet.....  
No. 2, from.....to.....feet.....  
No. 3, from.....to.....feet.....

## LITHOLOGY RECORD (Attach additional sheet if necessary)

| LITHOLOGY RECORD (Add additional sheet if necessary) |    |                      |           | LITHOLOGY RECORD (Add additional sheet if necessary) |    |                      |           |
|------------------------------------------------------|----|----------------------|-----------|------------------------------------------------------|----|----------------------|-----------|
| From                                                 | To | Thickness<br>In Feet | Lithology | From                                                 | To | Thickness<br>In Feet | Lithology |
|                                                      |    |                      |           |                                                      |    |                      |           |

## Mewbourne Oil Company

Well Name: Wingman 12/11 W0PM St Com #1H

Updated by: Landon Stallings

Spud Date: 03/19/2021

Date Updated: 10/04/2021

**Surface**

17 1/2" x 13 1/2" 54.5# J55  
Set @ 496'  
Cmt w/ 550 sx  
Circ. 251 sx to pit

**Intermediate**

12 1/4" x 9 1/2" 40# HCL80  
Set @ 1844'  
Cmt w/ 500 sx  
Circ. 65 sx to pit

**Production**

8 3/4" x 7" 29# HCP110  
Set @ 9208'  
Cmt w/ 650 sx  
Circ. 0 sx to pit

**Liner**

6 1/8" x 4 1/2" 13.5# HCP110  
Set @ 8270' - 18,954'  
TOC @ 8270'

**TBG Detail:**

|    |                                               |          |
|----|-----------------------------------------------|----------|
| 1  | 2 7/8" Sub w/Collar                           | 6.54'    |
| 1  | 2 3/4" x 7" AS 1X Pkr w/O/O Tool              | 9.25'    |
| 1  | 2 7/8" SN w/Collar                            | 1.10'    |
| 1  | 2 3/4" x 3 1/2" X/O                           | .44'     |
| 1  | 3 1/2" 9.3# L80 IPC tbg                       | 32.81'   |
| 1  | 3 1/2" L80 IPC GLV #1                         | 4.10'    |
| 19 | 3 1/2" 9.3# L80 IPC tbg                       | 620.67'  |
| 1  | 3 1/2" L80 IPC GLV #2                         | 4.10'    |
| 20 | 3 1/2" 9.3# L80 IPC tbg                       | 653.08'  |
| 1  | 3 1/2" L80 IPC GLV #3                         | 4.10'    |
| 20 | 3 1/2" 9.3# L80 IPC tbg                       | 653.26'  |
| 1  | 3 1/2" L80 IPC GLV #4                         | 4.10'    |
| 20 | 3 1/2" 9.3# L80 IPC tbg                       | 653.28'  |
| 1  | 3 1/2" L80 IPC GLV #5                         | 4.10'    |
| 20 | 3 1/2" 9.3# L80 IPC tbg                       | 651.59'  |
| 1  | 3 1/2" L80 IPC GLV #6                         | 4.10'    |
| 20 | 3 1/2" 9.3# L80 IPC tbg                       | 652.10'  |
| 1  | 3 1/2" L80 IPC GLV #7                         | 4.10'    |
| 20 | 3 1/2" 9.3# L80 IPC tbg                       | 631.40'  |
| 1  | 3 1/2" L80 IPC GLV #8                         | 4.10'    |
| 20 | 3 1/2" 9.3# L80 IPC tbg                       | 655.08'  |
| 1  | 3 1/2" L80 IPC GLV #9                         | 4.10'    |
| 31 | 3 1/2" 9.3# L80 IPC tbg                       | 1011.82' |
| 1  | 3 1/2" L80 IPC GLV #10                        | 4.10'    |
| 57 | 3 1/2" 9.3# L80 IPC tbg                       | 1872.41' |
| 5  | 3 1/2" 9.3# L80 IPC subs (8', 8', 4', 4', 2') | 26.00'   |
| 1  | 3 1/2" 9.3# L80 IPC tbg                       | 32.96'   |
|    | Total tbg                                     | 8204.79' |
|    | KB Correction                                 | 28.50'   |
|    | Tbg set @                                     | 8233.29' |

KOP @ 8235'  
Dev @ KOP: 0.5°

TVD @ 8875'  
TD 6 1/8" hole @ 18,954'

**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 Rd., Aztec, NM 87410  
Phone:(505) 334-6178 Fax:(505) 334-6170

**District IV**

1220 S. St Francis Dr., Santa Fe, NM 87505  
Phone:(505) 476-3470 Fax:(505) 476-3462

**State of New Mexico**  
**Energy, Minerals and Natural Resources**  
**Oil Conservation Division**  
**1220 S. St Francis Dr.**  
**Santa Fe, NM 87505**

ACKNOWLEDGMENTS

Action 56802

**ACKNOWLEDGMENTS**

|                                                                   |                                                    |
|-------------------------------------------------------------------|----------------------------------------------------|
| Operator:<br>MEWBOURNE OIL CO<br>P.O. Box 5270<br>Hobbs, NM 88241 | OGRID:<br>14744                                    |
|                                                                   | Action Number:<br>56802                            |
|                                                                   | Action Type:<br>[C-104] Completion Packet (C-104C) |

**ACKNOWLEDGMENTS**

|                                     |                                                                                                                    |
|-------------------------------------|--------------------------------------------------------------------------------------------------------------------|
| <input checked="" type="checkbox"/> | I hereby certify that the required Water Use Report has been, or will be, submitted for this wells completion.     |
| <input checked="" type="checkbox"/> | I hereby certify that the required FracFocus disclosure has been, or will be, submitted for this wells completion. |

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State of New Mexico  
Energy, Minerals and Natural Resources  
Oil Conservation Division  
1220 S. St Francis Dr.  
Santa Fe, NM 87505

CONDITIONS  
  
Action 56802

CONDITIONS

|                                                                   |                                                    |
|-------------------------------------------------------------------|----------------------------------------------------|
| Operator:<br>MEWBOURNE OIL CO<br>P.O. Box 5270<br>Hobbs, NM 88241 | OGRID:<br>14744                                    |
|                                                                   | Action Number:<br>56802                            |
|                                                                   | Action Type:<br>[C-104] Completion Packet (C-104C) |

CONDITIONS

| Created By | Condition | Condition Date |
|------------|-----------|----------------|
| plmartinez | None      | 5/20/2022      |