

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

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

Form C-104  
Revised August 1, 2011  
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 04/26/2021 |
| <sup>4</sup> API Number<br>30 - 015 - 47434                                                       | <sup>5</sup> Pool Name<br>Purple Sage Wolfcamp (Gas)           |                                                                      |
| <sup>6</sup> Pool Code<br>98220                                                                   |                                                                |                                                                      |
| <sup>7</sup> Property Code<br>329329                                                              | <sup>8</sup> Property Name<br>Creedence 21/16 W00B Federal Com | <sup>9</sup> Well Number<br>2H                                       |

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

| Ul or lot no.<br>P | Section<br>21 | Township<br>24S | Range<br>28E | Lot Idn | Feet from the<br>100 | North/South Line<br>South | Feet from the<br>1205 | East/West line<br>East | County<br>Eddy |
|--------------------|---------------|-----------------|--------------|---------|----------------------|---------------------------|-----------------------|------------------------|----------------|
|--------------------|---------------|-----------------|--------------|---------|----------------------|---------------------------|-----------------------|------------------------|----------------|

<sup>11</sup> Bottom Hole Location

| UL or lot no.<br>B          | Section<br>16                                      | Township<br>24S                                    | Range<br>28E                      | Lot Idn                            | Feet from the<br>316                | North/South line<br>North | Feet from the<br>1653 | East/West line<br>East | County<br>Eddy |
|-----------------------------|----------------------------------------------------|----------------------------------------------------|-----------------------------------|------------------------------------|-------------------------------------|---------------------------|-----------------------|------------------------|----------------|
| <sup>12</sup> Lse Code<br>F | <sup>13</sup> Producing Method<br>Code<br>Gas Lift | <sup>14</sup> Gas Connection<br>Date<br>04/26/2021 | <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>400 N. Big Spring, Suite 400<br>Midland, TX 79705                              | O                   |
| 282301                             | Crestwood New Mexico Pipeline<br>801 Cherry Street, Suite 3800<br>Fort Worth, TX 76102 | G                   |
|                                    |                                                                                        |                     |
|                                    |                                                                                        |                     |
|                                    |                                                                                        |                     |

IV. Well Completion Data

|                                       |                                        |                            |                              |                                              |                       |
|---------------------------------------|----------------------------------------|----------------------------|------------------------------|----------------------------------------------|-----------------------|
| <sup>21</sup> Spud Date<br>12/19/2020 | <sup>22</sup> Ready Date<br>04/26/2021 | <sup>23</sup> TD<br>19636' | <sup>24</sup> PBDT<br>19595' | <sup>25</sup> Perforations<br>9629' - 19587' | <sup>26</sup> DHC, MC |
| <sup>27</sup> Hole Size               | <sup>28</sup> Casing & Tubing Size     | <sup>29</sup> Depth Set    | <sup>30</sup> Sacks Cement   |                                              |                       |
| 17 1/2"                               | 13 3/8" 54.5# J55                      | 420'                       | 500                          |                                              |                       |
| 12 1/4"                               | 9 5/8" 40# HCL80                       | 2488'                      | 625                          |                                              |                       |
| 8 3/4"                                | 7" 29# HCP110                          | 9880'                      | 825                          |                                              |                       |
| 6 1/8"                                | 4 1/2" 13.5# HCP110<br>3 1/2" 9.3# L80 | 8964' - 19636'<br>8938'    | 875                          |                                              |                       |

V. Well Test Data

|                                                                                                                                                                                                                                                                                                            |                                             |                                       |                                       |                                     |                                         |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------|---------------------------------------|---------------------------------------|-------------------------------------|-----------------------------------------|
| <sup>31</sup> Date New Oil<br>04/26/2021                                                                                                                                                                                                                                                                   | <sup>32</sup> Gas Delivery Date<br>04/26/21 | <sup>33</sup> Test Date<br>04/30/2021 | <sup>34</sup> Test Length<br>24 hrs   | <sup>35</sup> Tbg. Pressure<br>2020 | <sup>36</sup> Csg. Pressure<br>1605     |
| <sup>37</sup> Choke Size<br>38/64                                                                                                                                                                                                                                                                          | <sup>38</sup> Oil<br>1592                   | <sup>39</sup> Water<br>4259           | <sup>40</sup> Gas<br>3510             |                                     | <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:  |                                             |                                       | OIL CONSERVATION DIVISION             |                                     |                                         |
| Printed name:<br>Jackie Lathan                                                                                                                                                                                                                                                                             |                                             |                                       | Approved by: <b>PATRICIA MARTINEZ</b> |                                     |                                         |
| Title:<br>Regulatory                                                                                                                                                                                                                                                                                       |                                             |                                       | Title: <b>PETROLEUM SPECIALIST</b>    |                                     |                                         |
| E-mail Address:<br>jlathan@mewbourne.com                                                                                                                                                                                                                                                                   |                                             |                                       | Approval Date:<br><b>8/8/2024</b>     |                                     |                                         |
| Date:<br>05/04/2021                                                                                                                                                                                                                                                                                        |                                             | 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>30-015-47434</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>329329</b>    | <sup>5</sup> Property Name<br><b>CREEDENCE 21/16 W00B FED COM</b> |                                        | <sup>6</sup> Well Number<br><b>2H</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>3005'</b>                       |

<sup>10</sup> Surface Location

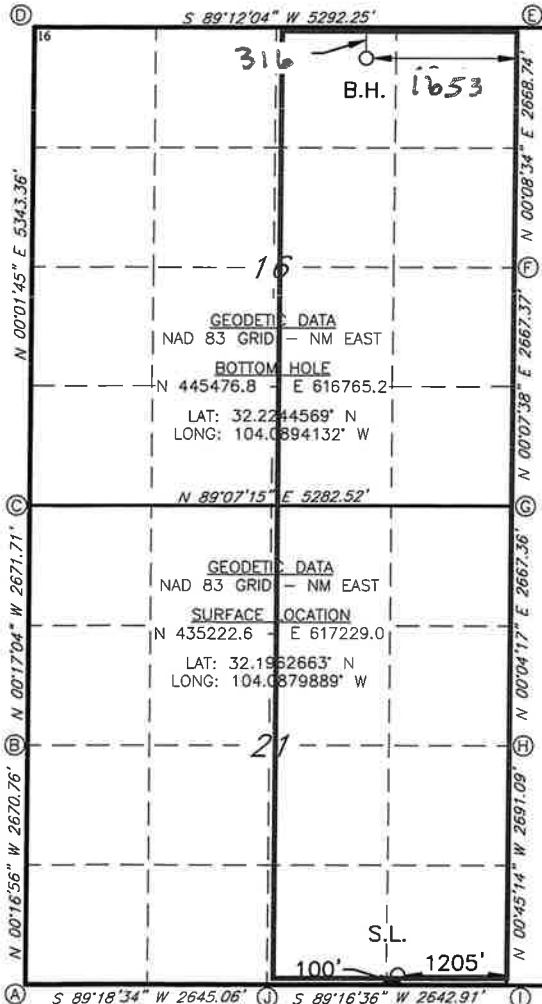
| UL or lot no. | Section   | Township   | Range      | Lot Idn | Feet from the | North/South line | Feet From the | East/West line | County      |
|---------------|-----------|------------|------------|---------|---------------|------------------|---------------|----------------|-------------|
| <b>P</b>      | <b>21</b> | <b>24S</b> | <b>28E</b> |         | <b>100</b>    | <b>SOUTH</b>     | <b>1205</b>   | <b>EAST</b>    | <b>EDDY</b> |

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

| UL or lot no. | Section   | Township   | Range      | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County      |
|---------------|-----------|------------|------------|---------|---------------|------------------|---------------|----------------|-------------|
| <b>B</b>      | <b>16</b> | <b>24S</b> | <b>28E</b> |         | <b>316</b>    | <b>NORTH</b>     | <b>1653</b>   | <b>EAST</b>    | <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.

<sup>17</sup> OPERATOR CERTIFICATION

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.

*Jackie Lathan* 05/10/2021  
Signature Date

Jackie Lathan  
Printed Name

jlathan@mewbourne.com  
E-mail Address

<sup>18</sup> SURVEYOR CERTIFICATION

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.

02-19-2020

Date of Survey

Signature and Seal of Professional Surveyor

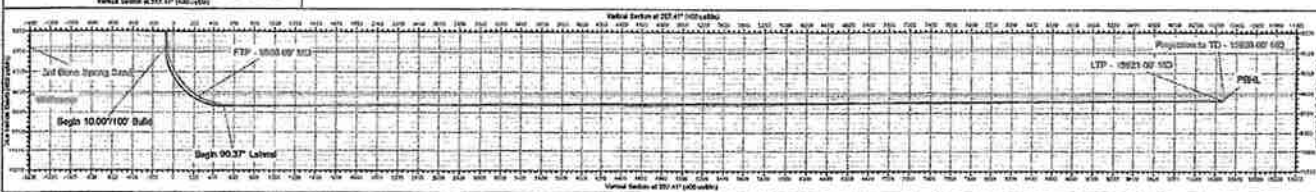
19680

Certificate Number



RRC - Job No.:

LS20020135





May 18, 2021

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

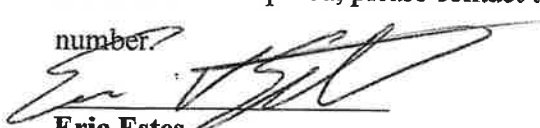
Attn: Jackie Lathan

Re: Mewbourne Oil Company  
Creedence 21/16 W00B Federal Com #2H  
Purple Sage; Wolfcamp (Gas)  
Eddy County, New Mexico  
API# 30-015-47434

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> |
|-------------------------|----------------------|----------------------|------------------------|--------------------|
| Michael Pullin          | Original Hole        | 103ft. to 19,621ft.  | 12-20-20 to 01-03-21   | 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\Creedence 21/16 W00B Fed Com #2H\201202

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



May 18, 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 December 20, 2020, through January 3, 2021 conduct or supervise the taking of a SEDS Original Hole MWD Survey from a depth of 103feet to a depth of 19,621feet; that I am authorized and qualified to make this report; that this survey was conducted at the request of Mewbourne Oil Company, for the Creedence 21/16 W00B Federal Com #002H, well API # 30-015-47434 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 Stryker Standard Survey

|                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                    |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Company:</b> Mewbourne Oil Company<br><b>Project:</b> Eddy County, N.M. Nad (83)<br><b>Site:</b> Creedence 21/16<br><b>Well:</b> Creedence 21/16 W00B FED COM 2H<br><b>Wellbore:</b> Wellbore #1<br><b>Design:</b> Surveys | <b>Local Co-ordinate Reference:</b> Well Creedence 21/16 W00B FED COM 2H<br><b>TVD Reference:</b> WELL @ 3032.00usft (Patterson 560)<br><b>MD Reference:</b> WELL @ 3032.00usft (Patterson 560)<br><b>North Reference:</b> Grid<br><b>Survey Calculation Method:</b> Minimum Curvature<br><b>Database:</b> EDM5000 |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

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

**Site** Creedence 21/16

|                                                                                     |                                                                                                          |                                                                                                            |
|-------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|
| <b>Site Position:</b><br><b>From:</b> Map<br><b>Position Uncertainty:</b> 0.00 usft | <b>Northing:</b> 435,222.2000 usft<br><b>Easting:</b> 617,199.0000 usft<br><b>Slot Radius:</b> 13-3/16 " | <b>Latitude:</b> 32° 11' 46.555 N<br><b>Longitude:</b> 104° 5' 17.109 W<br><b>Grid Convergence:</b> 0.13 ° |
|-------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|

**Well** Creedence 21/16 W00B FED COM 2H

|                                                                                                  |                                                                                                            |                                                                                                               |
|--------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------|
| <b>Well Position</b> +N/-S 0.00 usft<br>+E/-W 0.00 usft<br><b>Position Uncertainty</b> 0.00 usft | <b>Northing:</b> 435,222.6000 usft<br><b>Easting:</b> 617,229.0000 usft<br><b>Wellhead Elevation:</b> usft | <b>Latitude:</b> 32° 11' 46.558 N<br><b>Longitude:</b> 104° 5' 16.760 W<br><b>Ground Level:</b> 3,005.00 usft |
|--------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------|

**Wellbore** Wellbore #1

| Magnetics | Model Name | Sample Date | Declination (°) | Dip Angle (°) | Field Strength (nT) |
|-----------|------------|-------------|-----------------|---------------|---------------------|
|           | IGRF2020   | 12/9/2020   | 6.84            | 59.81         | 47,480.21500875     |

**Design** Surveys

### Audit Notes:

|                     |                      |                           |
|---------------------|----------------------|---------------------------|
| <b>Version:</b> 1.0 | <b>Phase:</b> ACTUAL | <b>Tie On Depth:</b> 0.00 |
|---------------------|----------------------|---------------------------|

| Vertical Section: | Depth From (TVD)<br>(usft) | +N/-S<br>(usft) | +E/-W<br>(usft) | Direction<br>(°) |
|-------------------|----------------------------|-----------------|-----------------|------------------|
|                   | 0.00                       | 0.00            | 0.00            | 357.39           |

**Survey Program** Date 1/6/2021

| From<br>(usft) | To<br>(usft) | Survey (Wellbore)         | Tool Name | Description                 |
|----------------|--------------|---------------------------|-----------|-----------------------------|
| 103.00         | 19,636.00    | Stryker MWD (Wellbore #1) | MWD       | MWD v3:standard declination |

# Stryker Directional

## Stryker Standard Survey

**Company:** Mewbourne Oil Company  
**Project:** Eddy County, N.M. Nad (83)  
**Site:** Creedence 21/16  
**Well:** Creedence 21/16 W00B FED COM 2H  
**Wellbore:** Wellbore #1  
**Design:** Surveys

**Local Co-ordinate Reference:** Well Creedence 21/16 W00B FED COM 2H  
**TVD Reference:** WELL @ 3032.00usft (Patterson 560)  
**MD Reference:** WELL @ 3032.00usft (Patterson 560)  
**North Reference:** Grid  
**Survey Calculation Method:** Minimum Curvature  
**Database:** EDM5000

| Survey       |            |            |               |               |               |                    |                   |                      |                     |                  |
|--------------|------------|------------|---------------|---------------|---------------|--------------------|-------------------|----------------------|---------------------|------------------|
| MD<br>(usft) | Inc<br>(°) | Azi<br>(°) | TVD<br>(usft) | N/S<br>(usft) | E/W<br>(usft) | Northing<br>(usft) | Easting<br>(usft) | Build<br>(°/100usft) | Turn<br>(°/100usft) | V. Sec<br>(usft) |
| 0.00         | 0.00       | 0.00       | 0.00          | 0.00          | 0.00          | 435,222.6000       | 617,229.0000      | 0.00                 | 0.00                | 0.00             |
| 103.00       | 0.40       | 64.90      | 103.00        | 0.15          | 0.33          | 435,222.7525       | 617,229.3256      | 0.39                 | 0.00                | 0.14             |
| 158.00       | 0.40       | 224.90     | 158.00        | 0.10          | 0.36          | 435,222.6980       | 617,229.3639      | 0.00                 | 290.91              | 0.08             |
| 213.00       | 0.40       | 196.90     | 213.00        | -0.22         | 0.17          | 435,222.3783       | 617,229.1726      | 0.00                 | -50.91              | -0.23            |
| 272.00       | 0.30       | 112.90     | 272.00        | -0.48         | 0.26          | 435,222.1211       | 617,229.2550      | -0.17                | -142.37             | -0.49            |
| 333.00       | 0.80       | 261.90     | 332.99        | -0.60         | -0.02         | 435,221.9990       | 617,228.9805      | 0.82                 | 244.26              | -0.60            |
| 409.00       | 0.80       | 273.90     | 408.99        | -0.64         | -1.07         | 435,221.9603       | 617,227.9259      | 0.00                 | 15.79               | -0.59            |
| 450.00       | 1.00       | 302.70     | 449.98        | -0.43         | -1.66         | 435,222.1731       | 617,227.3393      | 0.49                 | 70.24               | -0.35            |
| 568.00       | 1.00       | 303.10     | 567.96        | 0.69          | -3.39         | 435,223.2917       | 617,225.6102      | 0.00                 | 0.34                | 0.85             |
| 657.00       | 0.70       | 281.40     | 656.96        | 1.22          | -4.57         | 435,223.8232       | 617,224.4267      | -0.34                | -24.38              | 1.43             |
| 748.00       | 2.20       | 259.10     | 747.92        | 1.00          | -6.83         | 435,223.6028       | 617,222.1665      | 1.65                 | -24.51              | 1.31             |
| 842.00       | 3.10       | 255.50     | 841.82        | 0.03          | -11.07        | 435,222.6252       | 617,217.9340      | 0.96                 | -3.83               | 0.53             |
| 936.00       | 3.10       | 252.60     | 935.68        | -1.37         | -15.95        | 435,221.2288       | 617,213.0478      | 0.00                 | -3.09               | -0.64            |
| 1,030.00     | 3.10       | 242.50     | 1,029.55      | -3.30         | -20.63        | 435,219.2950       | 617,208.3679      | 0.00                 | -10.74              | -2.36            |
| 1,124.00     | 4.30       | 243.40     | 1,123.35      | -6.06         | -26.04        | 435,216.5434       | 617,202.9621      | 1.28                 | 0.96                | -4.87            |
| 1,219.00     | 3.60       | 244.90     | 1,218.12      | -8.92         | -31.92        | 435,213.6835       | 617,197.0766      | -0.74                | 1.58                | -7.45            |
| 1,313.00     | 3.50       | 248.00     | 1,311.94      | -11.24        | -37.26        | 435,211.3568       | 617,191.7438      | -0.11                | 3.30                | -9.54            |
| 1,407.00     | 3.50       | 250.70     | 1,405.77      | -13.27        | -42.62        | 435,209.3336       | 617,186.3754      | 0.00                 | 2.87                | -11.31           |
| 1,502.00     | 3.50       | 252.60     | 1,500.59      | -15.09        | -48.13        | 435,207.5080       | 617,180.8715      | 0.00                 | 2.00                | -12.89           |
| 1,596.00     | 3.30       | 264.60     | 1,594.43      | -16.20        | -53.56        | 435,206.3953       | 617,175.4399      | -0.21                | 12.77               | -13.75           |
| 1,690.00     | 3.30       | 264.00     | 1,688.27      | -16.74        | -58.94        | 435,205.8579       | 617,170.0557      | 0.00                 | -0.64               | -14.04           |
| 1,785.00     | 3.40       | 269.00     | 1,783.11      | -17.08        | -64.48        | 435,205.5229       | 617,164.5198      | 0.11                 | 5.26                | -14.13           |
| 1,879.00     | 2.80       | 267.80     | 1,876.97      | -17.21        | -69.56        | 435,205.3861       | 617,159.4385      | -0.64                | -1.28               | -14.03           |
| 1,973.00     | 1.80       | 258.30     | 1,970.89      | -17.60        | -73.30        | 435,204.9986       | 617,155.6985      | -1.06                | -10.11              | -14.25           |
| 2,067.00     | 1.70       | 257.00     | 2,064.85      | -18.21        | -76.11        | 435,204.3856       | 617,152.8943      | -0.11                | -1.38               | -14.73           |
| 2,162.00     | 2.20       | 252.60     | 2,159.80      | -19.08        | -79.22        | 435,203.5233       | 617,149.7813      | 0.53                 | -4.63               | -15.45           |
| 2,256.00     | 3.20       | 252.00     | 2,253.69      | -20.43        | -83.44        | 435,202.1730       | 617,145.5643      | 1.06                 | -0.64               | -16.61           |

# Stryker Directional

## Stryker Standard Survey

**Company:** Mewbourne Oil Company  
**Project:** Eddy County, N.M. Nad (83)  
**Site:** Creedence 21/16  
**Well:** Creedence 21/16 W00B FED COM 2H  
**Wellbore:** Wellbore #1  
**Design:** Surveys

**Local Co-ordinate Reference:** Well Creedence 21/16 W00B FED COM 2H  
**TVD Reference:** WELL @ 3032.00usft (Patterson 560)  
**MD Reference:** WELL @ 3032.00usft (Patterson 560)  
**North Reference:** Grid  
**Survey Calculation Method:** Minimum Curvature  
**Database:** EDM5000

| Survey       |            |            |               |               |               |                    |                   |                      |                     |                  |
|--------------|------------|------------|---------------|---------------|---------------|--------------------|-------------------|----------------------|---------------------|------------------|
| MD<br>(usft) | Inc<br>(°) | Azi<br>(°) | TVD<br>(usft) | N/S<br>(usft) | E/W<br>(usft) | Northing<br>(usft) | Easting<br>(usft) | Build<br>(°/100usft) | Turn<br>(°/100usft) | V. Sec<br>(usft) |
| 2,350.00     | 3.70       | 249.10     | 2,347.52      | -22.32        | -88.76        | 435,200.2803       | 617,140.2356      | 0.53                 | -3.09               | -18.26           |
| 2,436.00     | 3.50       | 252.90     | 2,433.35      | -24.08        | -93.87        | 435,198.5185       | 617,135.1342      | -0.23                | 4.42                | -19.79           |
| 2,547.00     | 3.40       | 253.00     | 2,544.15      | -26.04        | -100.25       | 435,196.5599       | 617,128.7481      | -0.09                | 0.09                | -21.45           |
| 2,736.00     | 5.70       | 274.50     | 2,732.55      | -26.94        | -114.97       | 435,195.6575       | 617,114.0288      | 1.22                 | 11.38               | -21.68           |
| 2,925.00     | 5.30       | 273.90     | 2,920.68      | -25.61        | -133.04       | 435,196.9876       | 617,095.9631      | -0.21                | -0.32               | -19.53           |
| 3,113.00     | 5.90       | 251.40     | 3,107.81      | -28.10        | -150.86       | 435,194.4959       | 617,078.1403      | 0.32                 | -11.97              | -21.21           |
| 3,303.00     | 5.70       | 255.40     | 3,296.84      | -33.60        | -169.25       | 435,189.0028       | 617,059.7543      | -0.11                | 2.11                | -25.86           |
| 3,492.00     | 5.10       | 257.50     | 3,485.00      | -37.78        | -186.53       | 435,184.8187       | 617,042.4701      | -0.32                | 1.11                | -29.26           |
| 3,681.00     | 4.60       | 253.20     | 3,673.32      | -41.79        | -201.99       | 435,180.8099       | 617,027.0132      | -0.26                | -2.28               | -32.56           |
| 3,869.00     | 4.00       | 246.80     | 3,860.79      | -46.55        | -215.23       | 435,176.0478       | 617,013.7692      | -0.32                | -3.40               | -36.71           |
| 4,058.00     | 3.60       | 276.80     | 4,049.39      | -48.45        | -227.18       | 435,174.1533       | 617,001.8171      | -0.21                | 15.87               | -38.06           |
| 4,247.00     | 2.70       | 266.10     | 4,238.11      | -48.05        | -237.52       | 435,174.5531       | 616,991.4836      | -0.48                | -5.66               | -37.19           |
| 4,436.00     | 2.70       | 260.90     | 4,426.90      | -49.05        | -246.35       | 435,173.5463       | 616,982.6468      | 0.00                 | -2.75               | -37.79           |
| 4,624.00     | 3.00       | 258.20     | 4,614.66      | -50.76        | -255.54       | 435,171.8399       | 616,973.4588      | 0.16                 | -1.44               | -39.08           |
| 4,812.00     | 3.10       | 253.90     | 4,802.40      | -53.18        | -265.24       | 435,169.4242       | 616,963.7592      | 0.05                 | -2.29               | -41.05           |
| 5,001.00     | 2.80       | 256.30     | 4,991.15      | -55.69        | -274.64       | 435,166.9137       | 616,954.3642      | -0.16                | 1.27                | -43.13           |
| 5,190.00     | 4.00       | 269.50     | 5,179.81      | -56.84        | -285.71       | 435,165.7628       | 616,943.2869      | 0.63                 | 6.98                | -43.78           |
| 5,379.00     | 4.30       | 268.40     | 5,368.32      | -57.09        | -299.39       | 435,165.5074       | 616,929.6124      | 0.16                 | -0.58               | -43.41           |
| 5,567.00     | 3.20       | 263.10     | 5,555.91      | -57.92        | -311.64       | 435,164.6802       | 616,917.3575      | -0.59                | -2.82               | -43.68           |
| 5,756.00     | 3.60       | 263.20     | 5,744.58      | -59.26        | -322.77       | 435,163.3439       | 616,906.2286      | 0.21                 | 0.05                | -44.51           |
| 5,945.00     | 3.70       | 262.60     | 5,933.20      | -60.74        | -334.71       | 435,161.8559       | 616,894.2891      | 0.05                 | -0.32               | -45.45           |
| 6,133.00     | 3.80       | 256.70     | 6,120.80      | -62.96        | -346.79       | 435,159.6414       | 616,882.2109      | 0.05                 | -3.14               | -47.12           |
| 6,322.00     | 2.90       | 253.60     | 6,309.47      | -65.75        | -357.47       | 435,156.8507       | 616,871.5293      | -0.48                | -1.64               | -49.42           |
| 6,512.00     | 1.90       | 263.50     | 6,499.30      | -67.46        | -365.21       | 435,155.1371       | 616,863.7887      | -0.53                | 5.21                | -50.78           |
| 6,700.00     | 3.00       | 267.90     | 6,687.13      | -68.00        | -373.22       | 435,154.6040       | 616,855.7757      | 0.59                 | 2.34                | -50.94           |
| 6,888.00     | 4.00       | 267.00     | 6,874.78      | -68.52        | -384.69       | 435,154.0805       | 616,844.3110      | 0.53                 | -0.48               | -50.95           |
| 7,077.00     | 3.80       | 251.90     | 7,063.34      | -70.81        | -397.23       | 435,151.7897       | 616,831.7747      | -0.11                | -7.99               | -52.66           |

# Stryker Directional

## Stryker Standard Survey

**Company:** Mewbourne Oil Company  
**Project:** Eddy County, N.M. Nad (83)  
**Site:** Creedence 21/16  
**Well:** Creedence 21/16 W00B FED COM 2H  
**Wellbore:** Wellbore #1  
**Design:** Surveys

**Local Co-ordinate Reference:** Well Creedence 21/16 W00B FED COM 2H  
**TVD Reference:** WELL @ 3032.00usft (Patterson 560)  
**MD Reference:** WELL @ 3032.00usft (Patterson 560)  
**North Reference:** Grid  
**Survey Calculation Method:** Minimum Curvature  
**Database:** EDM5000

| Survey                   |            |            |               |               |               |                    |                   |                      |                     |                  |
|--------------------------|------------|------------|---------------|---------------|---------------|--------------------|-------------------|----------------------|---------------------|------------------|
| MD<br>(usft)             | Inc<br>(°) | Azi<br>(°) | TVD<br>(usft) | N/S<br>(usft) | E/W<br>(usft) | Northing<br>(usft) | Easting<br>(usft) | Build<br>(°/100usft) | Turn<br>(°/100usft) | V. Sec<br>(usft) |
| 7,266.00                 | 3.30       | 255.90     | 7,251.98      | -74.08        | -408.45       | 435,148.5188       | 616,820.5457      | -0.26                | 2.12                | -55.42           |
| 7,455.00                 | 3.30       | 250.00     | 7,440.67      | -77.27        | -418.84       | 435,145.3330       | 616,810.1581      | 0.00                 | -3.12               | -58.13           |
| 7,644.00                 | 2.60       | 253.20     | 7,629.42      | -80.37        | -428.06       | 435,142.2334       | 616,800.9424      | -0.37                | 1.69                | -60.81           |
| 7,832.00                 | 1.10       | 283.90     | 7,817.32      | -81.17        | -433.89       | 435,141.4344       | 616,795.1081      | -0.80                | 16.33               | -61.34           |
| 8,021.00                 | 1.70       | 267.50     | 8,006.26      | -80.85        | -438.45       | 435,141.7479       | 616,790.5462      | 0.32                 | -8.68               | -60.82           |
| 8,210.00                 | 0.60       | 267.60     | 8,195.22      | -81.02        | -442.24       | 435,141.5842       | 616,786.7566      | -0.58                | 0.05                | -60.81           |
| 8,399.00                 | 1.40       | 236.00     | 8,384.19      | -82.35        | -445.15       | 435,140.2517       | 616,783.8537      | 0.42                 | -16.72              | -62.01           |
| 8,587.00                 | 1.10       | 196.50     | 8,572.15      | -85.36        | -447.56       | 435,137.2371       | 616,781.4371      | -0.16                | -21.01              | -64.91           |
| 8,777.00                 | 1.00       | 5.40       | 8,762.14      | -85.46        | -447.92       | 435,137.1390       | 616,781.0751      | -0.05                | 88.89               | -64.99           |
| 8,914.00                 | 1.10       | 341.80     | 8,899.11      | -83.02        | -448.22       | 435,139.5785       | 616,780.7769      | 0.07                 | -17.23              | -62.54           |
| 8,984.00                 | 2.40       | 14.60      | 8,969.08      | -80.96        | -448.06       | 435,141.6352       | 616,780.9365      | 1.86                 | 46.86               | -60.50           |
| 9,031.00                 | 8.90       | 19.30      | 9,015.83      | -76.58        | -446.61       | 435,146.0236       | 616,782.3878      | 13.83                | 10.00               | -56.18           |
| 9,078.00                 | 15.90      | 11.50      | 9,061.71      | -66.82        | -444.12       | 435,155.7766       | 616,784.8762      | 14.89                | -16.60              | -46.55           |
| 9,125.00                 | 22.10      | 11.20      | 9,106.12      | -51.83        | -441.12       | 435,170.7729       | 616,787.8799      | 13.19                | -0.64               | -31.70           |
| 9,172.00                 | 26.50      | 11.50      | 9,148.95      | -32.87        | -437.31       | 435,189.7302       | 616,791.6896      | 9.36                 | 0.64                | -12.94           |
| 9,219.00                 | 30.50      | 9.60       | 9,190.25      | -10.83        | -433.23       | 435,211.7749       | 616,795.7709      | 8.51                 | -4.04               | 8.90             |
| 9,267.00                 | 33.00      | 8.70       | 9,231.06      | 14.11         | -429.22       | 435,236.7103       | 616,799.7802      | 5.21                 | -1.87               | 33.62            |
| 9,314.00                 | 36.50      | 8.30       | 9,269.67      | 40.60         | -425.26       | 435,263.2023       | 616,803.7352      | 7.45                 | -0.85               | 59.91            |
| 9,361.00                 | 40.90      | 7.10       | 9,306.34      | 69.72         | -421.34       | 435,292.3173       | 616,807.6569      | 9.36                 | -2.55               | 88.82            |
| 9,409.00                 | 43.80      | 3.90       | 9,341.82      | 101.89        | -418.27       | 435,324.4942       | 616,810.7300      | 6.04                 | -6.67               | 120.82           |
| 9,456.00                 | 48.40      | 359.30     | 9,374.41      | 135.72        | -417.38       | 435,358.3215       | 616,811.6223      | 9.79                 | -9.79               | 154.57           |
| 9,503.00                 | 51.90      | 359.10     | 9,404.52      | 171.80        | -417.88       | 435,394.3953       | 616,811.1170      | 7.45                 | -0.43               | 190.63           |
| 9,550.00                 | 56.60      | 355.60     | 9,431.98      | 209.88        | -419.68       | 435,432.4763       | 616,809.3200      | 10.00                | -7.45               | 228.75           |
| 9,566.69                 | 58.38      | 355.34     | 9,440.95      | 223.91        | -420.79       | 435,446.5060       | 616,808.2085      | 10.64                | -1.54               | 242.82           |
| <b>FTP - 9566.69' MD</b> |            |            |               |               |               |                    |                   |                      |                     |                  |
| 9,597.00                 | 61.60      | 354.90     | 9,456.11      | 250.05        | -423.02       | 435,472.6532       | 616,805.9751      | 10.64                | -1.46               | 269.04           |
| 9,644.00                 | 67.10      | 356.10     | 9,476.44      | 292.27        | -426.34       | 435,514.8745       | 616,802.6624      | 11.70                | 2.55                | 311.37           |

# Stryker Directional

## Stryker Standard Survey

**Company:** Mewbourne Oil Company  
**Project:** Eddy County, N.M. Nad (83)  
**Site:** Creedence 21/16  
**Well:** Creedence 21/16 W00B FED COM 2H  
**Wellbore:** Wellbore #1  
**Design:** Surveys

**Local Co-ordinate Reference:** Well Creedence 21/16 W00B FED COM 2H  
**TVD Reference:** WELL @ 3032.00usft (Patterson 560)  
**MD Reference:** WELL @ 3032.00usft (Patterson 560)  
**North Reference:** Grid  
**Survey Calculation Method:** Minimum Curvature  
**Database:** EDM5000

| Survey       |            |            |               |               |               |                    |                   |                      |                     |                  |
|--------------|------------|------------|---------------|---------------|---------------|--------------------|-------------------|----------------------|---------------------|------------------|
| MD<br>(usft) | Inc<br>(°) | Azi<br>(°) | TVD<br>(usft) | N/S<br>(usft) | E/W<br>(usft) | Northing<br>(usft) | Easting<br>(usft) | Build<br>(°/100usft) | Turn<br>(°/100usft) | V. Sec<br>(usft) |
| 9,692.00     | 71.30      | 356.30     | 9,493.49      | 337.04        | -429.31       | 435,559.6375       | 616,799.6904      | 8.75                 | 0.42                | 356.22           |
| 9,739.00     | 75.80      | 357.60     | 9,506.79      | 382.04        | -431.70       | 435,604.6374       | 616,797.2986      | 9.57                 | 2.77                | 401.28           |
| 9,786.00     | 79.00      | 359.30     | 9,517.04      | 427.88        | -432.94       | 435,650.4810       | 616,796.0624      | 6.81                 | 3.62                | 447.14           |
| 9,833.00     | 84.30      | 1.40       | 9,523.87      | 474.36        | -432.65       | 435,696.9626       | 616,796.3521      | 11.28                | 4.47                | 493.56           |
| 9,844.00     | 85.50      | 2.00       | 9,524.85      | 485.31        | -432.32       | 435,707.9140       | 616,796.6772      | 10.91                | 5.45                | 504.48           |
| 9,900.00     | 88.10      | 2.10       | 9,527.97      | 541.19        | -430.32       | 435,763.7861       | 616,798.6771      | 4.64                 | 0.18                | 560.20           |
| 9,995.00     | 89.70      | 3.10       | 9,529.80      | 636.07        | -426.01       | 435,858.6665       | 616,802.9859      | 1.68                 | 1.05                | 654.79           |
| 10,089.00    | 89.00      | 2.50       | 9,530.86      | 729.95        | -421.42       | 435,952.5472       | 616,807.5774      | -0.74                | -0.64               | 748.36           |
| 10,183.00    | 89.30      | 1.50       | 9,532.26      | 823.88        | -418.14       | 436,046.4783       | 616,810.8575      | 0.32                 | -1.06               | 842.05           |
| 10,278.00    | 90.90      | 0.30       | 9,532.09      | 918.86        | -416.65       | 436,141.4616       | 616,812.3497      | 1.68                 | -1.26               | 936.87           |
| 10,372.00    | 90.60      | 358.90     | 9,530.86      | 1,012.85      | -417.31       | 436,235.4488       | 616,811.6935      | -0.32                | -1.49               | 1,030.79         |
| 10,466.00    | 90.30      | 359.00     | 9,530.12      | 1,106.83      | -419.03       | 436,329.4300       | 616,809.9710      | -0.32                | 0.11                | 1,124.75         |
| 10,561.00    | 90.90      | 358.90     | 9,529.13      | 1,201.81      | -420.77       | 436,424.4084       | 616,808.2302      | 0.63                 | -0.11               | 1,219.71         |
| 10,656.00    | 90.70      | 0.20       | 9,527.80      | 1,296.79      | -421.52       | 436,519.3942       | 616,807.4842      | -0.21                | 1.37                | 1,314.63         |
| 10,750.00    | 90.30      | 357.60     | 9,526.98      | 1,390.76      | -423.32       | 436,613.3650       | 616,805.6798      | -0.43                | -2.77               | 1,408.58         |
| 10,845.00    | 90.40      | 357.50     | 9,526.40      | 1,485.68      | -427.38       | 436,708.2764       | 616,801.6189      | 0.11                 | -0.11               | 1,503.58         |
| 10,939.00    | 90.00      | 357.00     | 9,526.07      | 1,579.57      | -431.89       | 436,802.1671       | 616,797.1090      | -0.43                | -0.53               | 1,597.58         |
| 11,034.00    | 90.20      | 357.40     | 9,525.91      | 1,674.45      | -436.53       | 436,897.0532       | 616,792.4683      | 0.21                 | 0.42                | 1,692.58         |
| 11,128.00    | 90.20      | 357.10     | 9,525.58      | 1,768.34      | -441.04       | 436,990.9443       | 616,787.9584      | 0.00                 | -0.32               | 1,786.58         |
| 11,221.00    | 90.00      | 357.70     | 9,525.42      | 1,861.25      | -445.26       | 437,083.8480       | 616,783.7396      | -0.22                | 0.65                | 1,879.58         |
| 11,316.00    | 90.10      | 359.20     | 9,525.33      | 1,956.21      | -447.83       | 437,178.8104       | 616,781.1700      | 0.11                 | 1.58                | 1,974.56         |
| 11,410.00    | 89.90      | 359.90     | 9,525.33      | 2,050.21      | -448.57       | 437,272.8069       | 616,780.4318      | -0.21                | 0.74                | 2,068.49         |
| 11,505.00    | 90.10      | 358.60     | 9,525.33      | 2,145.20      | -449.81       | 437,367.7967       | 616,779.1883      | 0.21                 | -1.37               | 2,163.44         |
| 11,599.00    | 90.20      | 358.80     | 9,525.09      | 2,239.17      | -451.94       | 437,461.7721       | 616,777.0557      | 0.11                 | 0.21                | 2,257.42         |
| 11,694.00    | 90.10      | 359.30     | 9,524.84      | 2,334.16      | -453.52       | 437,556.7584       | 616,775.4806      | -0.11                | 0.53                | 2,352.38         |
| 11,789.00    | 90.00      | 359.20     | 9,524.75      | 2,429.15      | -454.76       | 437,651.7502       | 616,774.2371      | -0.11                | -0.11               | 2,447.33         |
| 11,883.00    | 90.50      | 0.30       | 9,524.34      | 2,523.15      | -455.17       | 437,745.7467       | 616,773.8269      | 0.53                 | 1.17                | 2,541.24         |

# Stryker Directional

## Stryker Standard Survey

**Company:** Mewbourne Oil Company  
**Project:** Eddy County, N.M. Nad (83)  
**Site:** Creedence 21/16  
**Well:** Creedence 21/16 W00B FED COM 2H  
**Wellbore:** Wellbore #1  
**Design:** Surveys

**Local Co-ordinate Reference:** Well Creedence 21/16 W00B FED COM 2H  
**TVD Reference:** WELL @ 3032.00usft (Patterson 560)  
**MD Reference:** WELL @ 3032.00usft (Patterson 560)  
**North Reference:** Grid  
**Survey Calculation Method:** Minimum Curvature  
**Database:** EDM5000

| Survey       |            |            |               |               |               |                    |                   |                      |                     |                  |
|--------------|------------|------------|---------------|---------------|---------------|--------------------|-------------------|----------------------|---------------------|------------------|
| MD<br>(usft) | Inc<br>(°) | Azi<br>(°) | TVD<br>(usft) | N/S<br>(usft) | E/W<br>(usft) | Northing<br>(usft) | Easting<br>(usft) | Build<br>(°/100usft) | Turn<br>(°/100usft) | V. Sec<br>(usft) |
| 11,978.00    | 89.10      | 358.80     | 9,524.68      | 2,618.14      | -455.92       | 437,840.7381       | 616,773.0809      | -1.47                | -1.58               | 2,636.17         |
| 12,072.00    | 89.80      | 359.00     | 9,525.58      | 2,712.12      | -457.72       | 437,934.7158       | 616,771.2765      | 0.74                 | 0.21                | 2,730.13         |
| 12,167.00    | 89.50      | 359.90     | 9,526.16      | 2,807.11      | -458.64       | 438,029.7086       | 616,770.3646      | -0.32                | 0.95                | 2,825.07         |
| 12,261.00    | 90.10      | 4.00       | 9,526.49      | 2,901.03      | -455.44       | 438,123.6331       | 616,773.5625      | 0.64                 | 4.36                | 2,918.75         |
| 12,355.00    | 89.90      | 3.80       | 9,526.49      | 2,994.82      | -449.04       | 438,217.4153       | 616,779.9559      | -0.21                | -0.21               | 3,012.14         |
| 12,450.00    | 89.80      | 2.30       | 9,526.74      | 3,089.68      | -443.99       | 438,312.2777       | 616,785.0105      | -0.11                | -1.58               | 3,106.68         |
| 12,544.00    | 90.50      | 1.90       | 9,526.49      | 3,183.61      | -440.55       | 438,406.2135       | 616,788.4549      | 0.74                 | -0.43               | 3,200.36         |
| 12,639.00    | 90.10      | 2.10       | 9,525.99      | 3,278.55      | -437.23       | 438,501.1541       | 616,791.7703      | -0.42                | 0.21                | 3,295.05         |
| 12,734.00    | 90.00      | 1.60       | 9,525.91      | 3,373.50      | -434.16       | 438,596.1042       | 616,794.8372      | -0.11                | -0.53               | 3,389.76         |
| 12,828.00    | 90.10      | 1.40       | 9,525.83      | 3,467.47      | -431.70       | 438,690.0719       | 616,797.2978      | 0.11                 | -0.21               | 3,483.52         |
| 12,923.00    | 90.00      | 357.00     | 9,525.74      | 3,562.44      | -433.03       | 438,785.0392       | 616,795.9717      | -0.11                | -4.63               | 3,578.45         |
| 13,017.00    | 90.20      | 355.50     | 9,525.58      | 3,656.24      | -439.18       | 438,878.8351       | 616,789.8240      | 0.21                 | -1.60               | 3,672.43         |
| 13,111.00    | 90.10      | 356.10     | 9,525.33      | 3,749.98      | -446.06       | 438,972.5819       | 616,782.9397      | -0.11                | 0.64                | 3,766.39         |
| 13,206.00    | 89.60      | 357.20     | 9,525.58      | 3,844.82      | -451.61       | 439,067.4175       | 616,777.3885      | -0.53                | 1.16                | 3,861.38         |
| 13,301.00    | 90.00      | 359.30     | 9,525.91      | 3,939.77      | -454.51       | 439,162.3671       | 616,774.4875      | 0.42                 | 2.21                | 3,956.37         |
| 13,395.00    | 89.70      | 359.60     | 9,526.16      | 4,033.76      | -455.41       | 439,256.3622       | 616,773.5852      | -0.32                | 0.32                | 4,050.31         |
| 13,490.00    | 90.20      | 358.90     | 9,526.24      | 4,128.75      | -456.66       | 439,351.3532       | 616,772.3417      | 0.53                 | -0.74               | 4,145.25         |
| 13,584.00    | 90.30      | 0.80       | 9,525.83      | 4,222.75      | -456.90       | 439,445.3476       | 616,772.0956      | 0.11                 | 2.02                | 4,239.16         |
| 13,679.00    | 90.50      | 1.70       | 9,525.17      | 4,317.72      | -454.83       | 439,540.3217       | 616,774.1680      | 0.21                 | 0.95                | 4,333.94         |
| 13,773.00    | 89.50      | 3.50       | 9,525.17      | 4,411.62      | -450.57       | 439,634.2199       | 616,778.4318      | -1.06                | 1.91                | 4,427.55         |
| 13,867.00    | 89.80      | 2.10       | 9,525.74      | 4,505.50      | -445.98       | 439,728.1035       | 616,783.0235      | 0.32                 | -1.49               | 4,521.13         |
| 13,961.00    | 90.60      | 359.10     | 9,525.42      | 4,599.49      | -444.99       | 439,822.0862       | 616,784.0078      | 0.85                 | -3.19               | 4,614.97         |
| 14,055.00    | 89.30      | 357.50     | 9,525.50      | 4,693.44      | -447.78       | 439,916.0397       | 616,781.2193      | -1.38                | -1.70               | 4,708.95         |
| 14,149.00    | 90.20      | 356.80     | 9,525.91      | 4,787.32      | -452.45       | 440,009.9210       | 616,776.5456      | 0.96                 | -0.74               | 4,802.95         |
| 14,243.00    | 91.80      | 357.50     | 9,524.27      | 4,881.19      | -457.13       | 440,103.7868       | 616,771.8726      | 1.70                 | 0.74                | 4,896.93         |
| 14,337.00    | 90.00      | 356.80     | 9,522.79      | 4,975.05      | -461.80       | 440,197.6545       | 616,767.1994      | -1.91                | -0.74               | 4,990.91         |
| 14,431.00    | 90.50      | 356.90     | 9,522.38      | 5,068.91      | -466.97       | 440,291.5113       | 616,762.0342      | 0.53                 | 0.11                | 5,084.91         |

# Stryker Directional

## Stryker Standard Survey

**Company:** Mewbourne Oil Company  
**Project:** Eddy County, N.M. Nad (83)  
**Site:** Creedence 21/16  
**Well:** Creedence 21/16 W00B FED COM 2H  
**Wellbore:** Wellbore #1  
**Design:** Surveys

**Local Co-ordinate Reference:** Well Creedence 21/16 W00B FED COM 2H  
**TVD Reference:** WELL @ 3032.00usft (Patterson 560)  
**MD Reference:** WELL @ 3032.00usft (Patterson 560)  
**North Reference:** Grid  
**Survey Calculation Method:** Minimum Curvature  
**Database:** EDM5000

| Survey       |            |            |               |               |               |                    |                   |                      |                     |                  |
|--------------|------------|------------|---------------|---------------|---------------|--------------------|-------------------|----------------------|---------------------|------------------|
| MD<br>(usft) | Inc<br>(°) | Azi<br>(°) | TVD<br>(usft) | N/S<br>(usft) | E/W<br>(usft) | Northing<br>(usft) | Easting<br>(usft) | Build<br>(°/100usft) | Turn<br>(°/100usft) | V. Sec<br>(usft) |
| 14,525.00    | 90.20      | 358.40     | 9,521.81      | 5,162.83      | -470.82       | 440,385.4277       | 616,758.1800      | -0.32                | 1.60                | 5,178.90         |
| 14,620.00    | 90.10      | 1.80       | 9,521.56      | 5,257.81      | -470.65       | 440,480.4133       | 616,758.3458      | -0.11                | 3.58                | 5,273.78         |
| 14,714.00    | 90.10      | 3.40       | 9,521.39      | 5,351.71      | -466.39       | 440,574.3133       | 616,762.6098      | 0.00                 | 1.70                | 5,367.39         |
| 14,808.00    | 90.30      | 2.40       | 9,521.07      | 5,445.59      | -461.63       | 440,668.1911       | 616,767.3654      | 0.21                 | -1.06               | 5,460.96         |
| 14,902.00    | 90.60      | 1.40       | 9,520.33      | 5,539.54      | -458.52       | 440,762.1353       | 616,770.4819      | 0.32                 | -1.06               | 5,554.66         |
| 14,996.00    | 90.10      | 359.10     | 9,519.75      | 5,633.53      | -458.11       | 440,856.1260       | 616,770.8919      | -0.53                | -2.45               | 5,648.53         |
| 15,091.00    | 91.50      | 356.90     | 9,518.43      | 5,728.45      | -461.42       | 440,951.0507       | 616,767.5774      | 1.47                 | -2.32               | 5,743.51         |
| 15,185.00    | 90.80      | 357.70     | 9,516.54      | 5,822.33      | -465.85       | 441,044.9261       | 616,763.1504      | -0.74                | 0.85                | 5,837.49         |
| 15,279.00    | 91.50      | 359.80     | 9,514.65      | 5,916.28      | -467.90       | 441,138.8789       | 616,761.1002      | 0.74                 | 2.23                | 5,931.44         |
| 15,374.00    | 91.50      | 359.50     | 9,512.17      | 6,011.24      | -468.48       | 441,233.8445       | 616,760.5201      | 0.00                 | -0.32               | 6,026.33         |
| 15,469.00    | 91.40      | 1.70       | 9,509.76      | 6,106.20      | -467.49       | 441,328.8030       | 616,761.5145      | -0.11                | 2.32                | 6,121.15         |
| 15,563.00    | 91.40      | 1.90       | 9,507.47      | 6,200.13      | -464.53       | 441,422.7285       | 616,764.4663      | 0.00                 | 0.21                | 6,214.84         |
| 15,657.00    | 91.10      | 2.10       | 9,505.42      | 6,294.05      | -461.25       | 441,516.6488       | 616,767.7460      | -0.32                | 0.21                | 6,308.52         |
| 15,752.00    | 90.60      | 4.20       | 9,504.01      | 6,388.89      | -456.03       | 441,611.4892       | 616,772.9655      | -0.53                | 2.21                | 6,403.02         |
| 15,846.00    | 90.60      | 1.60       | 9,503.02      | 6,482.76      | -451.28       | 441,705.3556       | 616,777.7206      | 0.00                 | -2.77               | 6,496.57         |
| 15,941.00    | 90.50      | 359.80     | 9,502.11      | 6,577.74      | -450.12       | 441,800.3402       | 616,778.8811      | -0.11                | -1.89               | 6,591.41         |
| 16,035.00    | 90.50      | 358.40     | 9,501.29      | 6,671.72      | -451.60       | 441,894.3227       | 616,777.4047      | 0.00                 | -1.49               | 6,685.36         |
| 16,129.00    | 90.40      | 358.30     | 9,500.55      | 6,765.68      | -454.30       | 441,988.2808       | 616,774.6982      | -0.11                | -0.11               | 6,779.34         |
| 16,223.00    | 90.10      | 356.90     | 9,500.14      | 6,859.59      | -458.24       | 442,082.1950       | 616,770.7620      | -0.32                | -1.49               | 6,873.34         |
| 16,318.00    | 90.30      | 357.10     | 9,499.81      | 6,954.46      | -463.21       | 442,177.0641       | 616,765.7901      | 0.21                 | 0.21                | 6,968.34         |
| 16,413.00    | 90.50      | 357.00     | 9,499.15      | 7,049.34      | -468.10       | 442,271.9359       | 616,760.9011      | 0.21                 | -0.11               | 7,063.33         |
| 16,507.00    | 90.10      | 357.50     | 9,498.65      | 7,143.23      | -472.61       | 442,365.8258       | 616,756.3912      | -0.43                | 0.53                | 7,157.33         |
| 16,601.00    | 90.50      | 0.80       | 9,498.16      | 7,237.20      | -474.00       | 442,459.8010       | 616,754.9969      | 0.43                 | 3.51                | 7,251.27         |
| 16,696.00    | 90.50      | 1.30       | 9,497.33      | 7,332.18      | -472.26       | 442,554.7812       | 616,756.7377      | 0.00                 | 0.53                | 7,346.08         |
| 16,790.00    | 90.50      | 1.20       | 9,496.51      | 7,426.16      | -470.21       | 442,648.7552       | 616,758.7883      | 0.00                 | -0.11               | 7,439.86         |
| 16,886.00    | 90.50      | 1.50       | 9,495.67      | 7,522.12      | -467.95       | 442,744.7248       | 616,761.0499      | 0.00                 | 0.31                | 7,535.63         |
| 16,980.00    | 90.60      | 1.20       | 9,494.77      | 7,616.09      | -465.74       | 442,838.6942       | 616,763.2644      | 0.11                 | -0.32               | 7,629.40         |

# Stryker Directional

## Stryker Standard Survey

**Company:** Mewbourne Oil Company  
**Project:** Eddy County, N.M. Nad (83)  
**Site:** Creedence 21/16  
**Well:** Creedence 21/16 W00B FED COM 2H  
**Wellbore:** Wellbore #1  
**Design:** Surveys

**Local Co-ordinate Reference:** Well Creedence 21/16 W00B FED COM 2H  
**TVD Reference:** WELL @ 3032.00usft (Patterson 560)  
**MD Reference:** WELL @ 3032.00usft (Patterson 560)  
**North Reference:** Grid  
**Survey Calculation Method:** Minimum Curvature  
**Database:** EDM5000

| Survey       |            |            |               |               |               |                    |                   |                      |                     |                  |
|--------------|------------|------------|---------------|---------------|---------------|--------------------|-------------------|----------------------|---------------------|------------------|
| MD<br>(usft) | Inc<br>(°) | Azi<br>(°) | TVD<br>(usft) | N/S<br>(usft) | E/W<br>(usft) | Northing<br>(usft) | Easting<br>(usft) | Build<br>(°/100usft) | Turn<br>(°/100usft) | V. Sec<br>(usft) |
| 17,075.00    | 90.60      | 1.60       | 9,493.78      | 7,711.06      | -463.41       | 442,933.8605       | 616,765.5854      | 0.00                 | 0.42                | 7,724.16         |
| 17,169.00    | 90.40      | 4.40       | 9,492.96      | 7,804.92      | -458.50       | 443,027.5187       | 616,770.5043      | -0.21                | 2.98                | 7,817.70         |
| 17,263.00    | 90.40      | 4.40       | 9,492.30      | 7,898.64      | -451.28       | 443,121.2394       | 616,777.7157      | 0.00                 | 0.00                | 7,910.99         |
| 17,358.00    | 90.50      | 3.50       | 9,491.55      | 7,993.41      | -444.74       | 443,216.0098       | 616,784.2596      | 0.11                 | -0.95               | 8,005.37         |
| 17,452.00    | 90.60      | 2.10       | 9,490.65      | 8,087.29      | -440.15       | 443,309.8909       | 616,788.8512      | 0.11                 | -1.49               | 8,098.94         |
| 17,546.00    | 90.70      | 1.90       | 9,489.59      | 8,181.23      | -436.87       | 443,403.8275       | 616,792.1315      | 0.11                 | -0.21               | 8,192.63         |
| 17,641.00    | 90.80      | 359.90     | 9,488.34      | 8,276.20      | -435.38       | 443,498.8028       | 616,793.6235      | 0.11                 | -2.11               | 8,287.44         |
| 17,735.00    | 90.60      | 357.70     | 9,487.19      | 8,370.17      | -437.34       | 443,592.7694       | 616,791.6552      | -0.21                | -2.34               | 8,381.40         |
| 17,830.00    | 91.60      | 357.90     | 9,485.37      | 8,465.08      | -440.99       | 443,687.6806       | 616,788.0090      | 1.05                 | 0.21                | 8,476.38         |
| 17,924.00    | 91.20      | 355.70     | 9,483.07      | 8,558.90      | -446.24       | 443,781.5001       | 616,782.7635      | -0.43                | -2.34               | 8,570.34         |
| 18,019.00    | 90.10      | 354.50     | 9,481.99      | 8,653.54      | -454.35       | 443,876.1436       | 616,774.6496      | -1.16                | -1.26               | 8,665.25         |
| 18,113.00    | 89.90      | 356.00     | 9,481.99      | 8,747.22      | -462.13       | 443,969.8180       | 616,766.8659      | -0.21                | 1.60                | 8,759.19         |
| 18,207.00    | 90.00      | 358.30     | 9,482.08      | 8,841.10      | -466.81       | 444,063.6954       | 616,762.1924      | 0.11                 | 2.45                | 8,853.18         |
| 18,302.00    | 90.00      | 359.60     | 9,482.08      | 8,936.08      | -468.55       | 444,158.6774       | 616,760.4515      | 0.00                 | 1.37                | 8,948.14         |
| 18,396.00    | 90.00      | 0.50       | 9,482.08      | 9,030.08      | -468.47       | 444,252.6764       | 616,760.5336      | 0.00                 | 0.96                | 9,042.04         |
| 18,490.00    | 90.10      | 1.50       | 9,481.99      | 9,124.06      | -466.83       | 444,346.6608       | 616,762.1741      | 0.11                 | 1.06                | 9,135.85         |
| 18,585.00    | 91.60      | 3.00       | 9,480.59      | 9,218.97      | -463.10       | 444,441.5717       | 616,765.9029      | 1.58                 | 1.58                | 9,230.49         |
| 18,679.00    | 89.60      | 2.60       | 9,479.60      | 9,312.85      | -458.51       | 444,535.4494       | 616,770.4942      | -2.13                | -0.43               | 9,324.07         |
| 18,774.00    | 89.30      | 3.60       | 9,480.51      | 9,407.70      | -453.37       | 444,630.3047       | 616,775.6314      | -0.32                | 1.05                | 9,418.59         |
| 18,868.00    | 89.80      | 5.00       | 9,481.25      | 9,501.43      | -446.32       | 444,724.0346       | 616,782.6790      | 0.53                 | 1.49                | 9,511.90         |
| 18,962.00    | 91.60      | 2.70       | 9,480.10      | 9,595.21      | -440.01       | 444,817.8053       | 616,788.9898      | 1.91                 | -2.45               | 9,605.29         |
| 19,057.00    | 91.30      | 0.10       | 9,477.70      | 9,690.14      | -437.69       | 444,912.7383       | 616,791.3098      | -0.32                | -2.74               | 9,700.02         |
| 19,151.00    | 90.50      | 358.80     | 9,476.22      | 9,784.12      | -438.59       | 445,006.7195       | 616,790.4075      | -0.85                | -1.38               | 9,793.94         |
| 19,246.00    | 90.40      | 357.60     | 9,475.48      | 9,879.07      | -441.58       | 445,101.6680       | 616,787.4236      | -0.11                | -1.26               | 9,888.93         |
| 19,340.00    | 90.10      | 356.40     | 9,475.07      | 9,972.94      | -446.50       | 445,195.5365       | 616,782.5041      | -0.32                | -1.28               | 9,982.92         |
| 19,434.00    | 90.90      | 355.60     | 9,474.25      | 10,066.70     | -453.05       | 445,289.3024       | 616,775.9474      | 0.85                 | -0.85               | 10,076.89        |
| 19,529.00    | 90.70      | 355.60     | 9,472.92      | 10,161.41     | -460.34       | 445,384.0131       | 616,768.6598      | -0.21                | 0.00                | 10,171.83        |

# Stryker Directional

## Stryker Standard Survey

|           |                                 |                              |                                      |
|-----------|---------------------------------|------------------------------|--------------------------------------|
| Company:  | Mewbourne Oil Company           | Local Co-ordinate Reference: | Well Creedence 21/16 W00B FED COM 2H |
| Project:  | Eddy County, N.M. Nad (83)      | TVD Reference:               | WELL @ 3032.00usft (Patterson 560)   |
| Site:     | Creedence 21/16                 | MD Reference:                | WELL @ 3032.00usft (Patterson 560)   |
| Well:     | Creedence 21/16 W00B FED COM 2H | North Reference:             | Grid                                 |
| Wellbore: | Wellbore #1                     | Survey Calculation Method:   | Minimum Curvature                    |
| Design:   | Surveys                         | Database:                    | EDM5000                              |

| Survey                                 |            |            |               |               |               |                    |                   |                      |                     |                  |
|----------------------------------------|------------|------------|---------------|---------------|---------------|--------------------|-------------------|----------------------|---------------------|------------------|
| MD<br>(usft)                           | Inc<br>(°) | Azi<br>(°) | TVD<br>(usft) | N/S<br>(usft) | E/W<br>(usft) | Northing<br>(usft) | Easting<br>(usft) | Build<br>(°/100usft) | Turn<br>(°/100usft) | V. Sec<br>(usft) |
| 19,597.00                              | 91.10      | 356.30     | 9,471.85      | 10,229.23     | -465.14       | 445,451.8344       | 616,763.8578      | 0.59                 | 1.03                | 10,239.80        |
| 19,621.06                              | 91.10      | 356.30     | 9,471.39      | 10,253.24     | -466.69       | 445,475.8398       | 616,762.3054      | 0.00                 | 0.00                | 10,263.86        |
| <b>LTP - 19621.06' MD</b>              |            |            |               |               |               |                    |                   |                      |                     |                  |
| 19,636.00                              | 91.10      | 356.30     | 9,471.10      | 10,268.15     | -467.66       | 445,490.7459       | 616,761.3415      | 0.00                 | 0.00                | 10,278.79        |
| <b>Projection to TD - 19636.00' MD</b> |            |            |               |               |               |                    |                   |                      |                     |                  |

| Design Annotations          |                             |                   |                 |                                 |
|-----------------------------|-----------------------------|-------------------|-----------------|---------------------------------|
| Measured<br>Depth<br>(usft) | Vertical<br>Depth<br>(usft) | Local Coordinates |                 | Comment                         |
|                             |                             | +N/-S<br>(usft)   | +E/-W<br>(usft) |                                 |
| 9,566.69                    | 9,440.95                    | 223.91            | -420.79         | FTP - 9566.69' MD               |
| 19,621.06                   | 9,471.39                    | 10,253.24         | -466.69         | LTP - 19621.06' MD              |
| 19,636.00                   | 9,471.10                    | 10,268.15         | -467.66         | Projection to TD - 19636.00' MD |

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

Intent ☐ As Drilled ☒API #  
30-015-47434Operator Name:  
Mewbourne Oil Co.Property Name:  
Creedence 21/16 W00B Fed ComWell Number  
2H

## Kick Off Point (KOP)

| UL         | Section | Township | Range | Lot | Feet         | From N/S | Feet | From E/W | County |
|------------|---------|----------|-------|-----|--------------|----------|------|----------|--------|
| O          | 21      | 24S      | 28E   |     | 24           | S        | 1654 | E        | Eddy   |
| Latitude   |         |          |       |     | Longitude    |          |      |          | NAD    |
| 32.1960464 |         |          |       |     | -104.0894381 |          |      |          | 83     |

## First Take Point (FTP)

| UL         | Section | Township | Range | Lot | Feet         | From N/S | Feet | From E/W | County |
|------------|---------|----------|-------|-----|--------------|----------|------|----------|--------|
| O          | 21      | 24S      | 28E   |     | 384          | S        | 1626 | E        | Eddy   |
| Latitude   |         |          |       |     | Longitude    |          |      |          | NAD    |
| 32.1970353 |         |          |       |     | -104.0893617 |          |      |          | 83     |

## Last Take Point (LTP)

| UL         | Section | Township | Range | Lot | Feet         | From N/S | Feet | From E/W | County |
|------------|---------|----------|-------|-----|--------------|----------|------|----------|--------|
| B          | 16      | 24S      | 28E   |     | 334          | N        | 1652 | E        | Eddy   |
| Latitude   |         |          |       |     | Longitude    |          |      |          | NAD    |
| 32.2244447 |         |          |       |     | -104.0894218 |          |      |          | 83     |

Is this well the defining well for the Horizontal Spacing Unit?

☐ N

Is this well an infill well?

☐ Y

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

API #  
30-015-47440Operator Name:  
Mewbourne Oil CompanyProperty Name:  
Creedence 21/16 W1PA Fed ComWell Number  
2H

KZ 06/29/2018

U.S. Department of the Interior  
BUREAU OF LAND MANAGEMENT

## Sundry Print Report

03/02/2022

|                                                   |                                                                                  |                                             |
|---------------------------------------------------|----------------------------------------------------------------------------------|---------------------------------------------|
| <b>Well Name:</b> CREEDENCE 21/16 WOOB<br>FED COM | <b>Well Location:</b> T24S / R28E / SEC 21 /<br>SESE / 32.1962663 / -104.0879889 | <b>County or Parish/State:</b> EDDY /<br>NM |
| <b>Well Number:</b> 2H                            | <b>Type of Well:</b> CONVENTIONAL GAS<br>WELL                                    | <b>Allottee or Tribe Name:</b>              |
| <b>Lease Number:</b> NMNM036975                   | <b>Unit or CA Name:</b>                                                          | <b>Unit or CA Number:</b>                   |
| <b>US Well Number:</b> 3001547434                 | <b>Well Status:</b> Producing Gas Well                                           | <b>Operator:</b> MEWBOURNE OIL<br>COMPANY   |

## Subsequent Report

**Sundry ID:** 2160194**Type of Submission:** Subsequent Report**Type of Action:** Hydraulic Fracturing**Date Sundry Submitted:** 05/06/2021**Time Sundry Submitted:** 06:21**Date Operation Actually Began:** 03/10/2021

**Actual Procedure:** Frac horizontal Wolfcamp from 9629' MD to 19587' MD w/25,261,068 gals Slickwater, carrying 26,329,780# local 100 mesh sand. Flowback well for cleanup. 04/15/2021 Drill out frac plugs to PBTD @ 19595'. 04/23/2021 RIH w/3 1/2" 9.3# L80 IPC tbg & GLVs to 8938'. 04/26/2021 PWOL. FORMATION TOPS: Castile 1185', B/salt 2375', Delaware Lamar 2566', Bell Canyon 2597', Cherry Canyon 3415', Manzanita 3535', Brushy Canyon 4660', Bone Spring 6230', 1st Bone Spring 7140', 2nd Bone Spring 7920', 3rd Bone Spring 9035', Wolfcamp 9405'. REQUEST FOR OCD EXTENSION OF TIME TO FILE BLM APPROVED FORM 3160-4.

|                                                   |                                                                                  |                                             |
|---------------------------------------------------|----------------------------------------------------------------------------------|---------------------------------------------|
| <b>Well Name:</b> CREEDENCE 21/16 W00B<br>FED COM | <b>Well Location:</b> T24S / R28E / SEC 21 /<br>SESE / 32.1962663 / -104.0879889 | <b>County or Parish/State:</b> EDDY /<br>NM |
| <b>Well Number:</b> 2H                            | <b>Type of Well:</b> CONVENTIONAL GAS<br>WELL                                    | <b>Allottee or Tribe Name:</b>              |
| <b>Lease Number:</b> NMNM036975                   | <b>Unit or CA Name:</b>                                                          | <b>Unit or CA Number:</b>                   |
| <b>US Well Number:</b> 3001547434                 | <b>Well Status:</b> Producing Gas Well                                           | <b>Operator:</b> MEWBOURNE OIL<br>COMPANY   |

**Operator Certification**

*I certify that the foregoing is true and correct. Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction. Electronic submission of Sundry Notices through this system satisfies regulations requiring a submission of Form 3160-5 or a Sundry Notice.*

**Operator Electronic Signature:** BRADLEY BISHOP**Signed on:** MAY 06, 2021 06:19 AM**Name:** MEWBOURNE OIL COMPANY**Title:** Regulatory**Street Address:** PO Box 5270**City:** Hobbs**State:** NM**Phone:** (575) 393-5905**Email address:** bbishop@mewbourne.com**Field Representative****Representative Name:** Jackie Lathan**Street Address:** PO Box 5270**City:** Hobbs**State:** NM**Zip:** 88241**Phone:** (575)393-5905**Email address:** jlathan@mewbourne.com**BLM Point of Contact****BLM POC Name:** Jonathon W Shepard**BLM POC Title:** Petroleum Engineer**BLM POC Phone:** 5752345972**BLM POC Email Address:** jshepard@blm.gov**Disposition:** Accepted**Disposition Date:** 05/14/2021**Signature:** Jonathon Shepard

Form 3160-4  
(June 2019)UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
OMB NO. 1004-0137  
Expires: October 31, 2021

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well ☐ Oil Well ☒ Gas Well ☐ Dry ☐ Other  
 b. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Zones ☐ Hydraulic Fracturing  
 Other: \_\_\_\_\_

2. Name of Operator  
Mewbourne Oil Company

3. Address  
PO Box 5270, Hobbs NM

3a. Phone No. (Include area code)  
(575) 393-5905

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*

At surface 100' FSL & 1205' FEL

At top prod. interval reported below 384' FSL & 1626' FEL

At total depth 316' FNL & 1653' FEL

14. Date Spudded  
12/19/2020

15. Date T.D. Reached  
01/03/2021

16. Date Completed  
☐ D & A ☒ Ready to Prod.

17. Elevations (DF, RKB, RT, GL)\*  
3005

18. Total Depth: MD 19636  
TVD 9471

19. Plug Back T.D.: MD 19595  
TVD 9473

20. Depth Bridge Plug Set: MD  
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)

22. Was well cored? ☒ No ☐ Yes (Submit analysis)  
 Was DST run? ☒ No ☐ Yes (Submit report)  
 Directional Survey? ☐ No ☒ Yes (Submit copy)

MWD

## 23. Casing and Liner Record (Report all strings set in well)

| Hole Size | Size/Grade  | Wt. (#ft.) | Top (MD) | Bottom (MD) | Stage Cementer Depth | No. of Sks. & Type of Cement | Slurry Vol. (BBL) | Cement Top* | Amount Pulled |
|-----------|-------------|------------|----------|-------------|----------------------|------------------------------|-------------------|-------------|---------------|
| 17 1/2    | 13 3/8 J55  | 54.5       | 0        | 420         |                      | 420 C 500                    | 119               | 0           |               |
| 12 1/4    | 9 5/8 HCL80 | 40         | 0        | 2488        |                      | 625 C                        | 211               | 0           |               |
| 8 3/4     | 7" HCP110   | 29         | 0        | 9880        |                      | 825 C & H                    | 324               | 0           |               |
| 6 1/8"    | 4.5 HCP110  | 13.5       | 8964     | 19636       |                      | 875 Poz H                    |                   |             |               |

## 24. Tubing Record

| Size  | Dept Set (MD) | Packer Dept (MD) | Size | Depth Set (MD) | Packer Depth (MD) | Size | Depth Set (MD) | Packer Depth (MD) |
|-------|---------------|------------------|------|----------------|-------------------|------|----------------|-------------------|
| 3 1/2 | 8938          | 8922             |      |                |                   |      |                |                   |

## 25. Producing Intervals

| Formation   | Top  | Bottom | Perforated Interval | Size | No. Holes | Perf. Status |
|-------------|------|--------|---------------------|------|-----------|--------------|
| A) Wolfcamp | 9420 | 19636  | 9629 - 19587        | .39  | 2520      | Open         |
| B)          |      |        |                     |      |           |              |
| C)          |      |        |                     |      |           |              |
| D)          |      |        |                     |      |           |              |

## 26. Perforation Record

27. Acid, Fracture, Treatment, Cement Squeeze, Post hydraulic fracturing chemical disclosures on FracFocus.org when required by state or federal regulation

Depth Interval Amount, Type of Material and Date of Chemical Disclosure upload on FracFocus.org as applicable  
 9629 - 19587 25,261,068 gals slickwater, carrying 26,329,780# local 100 mesh sand.

## 28. Production - Interval A

| Date First Produced | Test Date            | Hours Tested   | Test Production | Oil BBL | Gas MCF | Water BBL | Oil Gravity Corr. API. | Gas Gravity | Production Method |
|---------------------|----------------------|----------------|-----------------|---------|---------|-----------|------------------------|-------------|-------------------|
| 04/16/2021          | 04/30/2021           | 24             | →               | 1592    | 3510    | 4259      |                        |             |                   |
| Choke Size          | Tbg. Press. Flwg. SI | Csg. Press. SI | 24 Hr. Rate     | Oil BBL | Gas MCF | Water BBL | Gas/Oil Ratio          | Well Status |                   |
| 38/64               | 2020                 | 1605           | →               | 1592    | 3510    | 4259      | 2205                   | Flowing     |                   |

## 28a. Production - Interval B

| Date First Produced | Test Date            | Hours Tested   | Test Production | Oil BBL | Gas MCF | Water BBL | Oil Gravity Corr. API. | Gas Gravity | Production Method |
|---------------------|----------------------|----------------|-----------------|---------|---------|-----------|------------------------|-------------|-------------------|
|                     |                      |                | →               |         |         |           |                        |             |                   |
| Choke Size          | Tbg. Press. Flwg. SI | Csg. Press. SI | 24 Hr. Rate     | Oil BBL | Gas MCF | Water BBL | Gas/Oil Ratio          | Well Status |                   |
|                     |                      |                | →               |         |         |           |                        |             |                   |

\*(See instructions and spaces for additional data on page 2)

## 28b. Production - Interval C

| Date First Produced | Test Date            | Hours Tested | Test Production<br>→ | Oil BBL | Gas MCF | Water BBL | Oil Gravity Corr. API. | Gas Gravity | Production Method |
|---------------------|----------------------|--------------|----------------------|---------|---------|-----------|------------------------|-------------|-------------------|
| Choke Size          | Tbg. Press. Flwg. SI | Csg. Press.  | 24 Hr. Rate<br>→     | Oil BBL | Gas MCF | Water BBL | Gas/Oil Ratio          | Well Status |                   |

## 28c. Production - Interval D

| Date First Produced | Test Date            | Hours Tested | Test Production<br>→ | Oil BBL | Gas MCF | Water BBL | Oil Gravity Corr. API. | Gas Gravity | Production Method |
|---------------------|----------------------|--------------|----------------------|---------|---------|-----------|------------------------|-------------|-------------------|
| Choke Size          | Tbg. Press. Flwg. SI | Csg. Press.  | 24 Hr. Rate<br>→     | Oil BBL | Gas MCF | Water BBL | Gas/Oil Ratio          | Well Status |                   |

## 29. Disposition of Gas (Solid, used for fuel, vented, etc.)

**SOLD**

## 30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

## 31. Formation (Log) Markers

| Formation   | Top  | Bottom | Descriptions, Contents, etc. | Name | Top         |
|-------------|------|--------|------------------------------|------|-------------|
|             |      |        |                              |      | Meas. Depth |
| T/ Salt     | 1080 |        |                              |      |             |
| Bell Canyon | 2605 |        |                              |      |             |
| Manzanita   | 3540 |        |                              |      |             |
| Bone Spring | 6085 |        |                              |      |             |
| Wolfcamp    | 9420 | 19636  |                              |      |             |

## 32. Additional remarks (include plugging procedure).

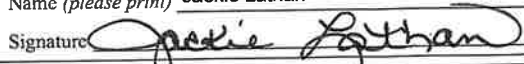
## 33. Indicate which items have been attached by placing a check in the appropriate boxes:

- ☐ Electrical/Mechanical Logs (1 full set req'd.)
 ☐ Geologic Report
 ☐ DST Report
 ☒ Directional Survey
- ☐ Sundry Notice for plugging and cement verification
 ☐ Core Analysis
 ☐ Other:

## 34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)\*

Name (please print) Jackie LathanTitle Regulatory

Signature

Date 02/15/2022

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Continued on page 3)

(Form 3160-4, page 2)

## Mewbourne Oil Company

Well Name: Creedence 21/16 W00B Fed Com #2H

Updated by: Andy Taylor

Spud Date: 12/19/2020

Date Updated: 5/13/2021

Surface

17 1/2" x 13 3/4" 54.5# J55

Set @ 420'

Cmt w/ 500 sx

Circ. 230 sx to pit

Intermediate

12 1/4" x 9 3/4" 40# HCL80

Set @ 2432'

Cmt w/ 625 sx

Circ. 116 sx to pit

Production

8 3/4" x 7" 29# HCP110

Set @ 9880'

Cmt w/ 825 sx

Circ. 62 sx to pit

TBG Detail:

|               |                          |          |
|---------------|--------------------------|----------|
| 1             | 2 7/8" Sub w/ Collar     | 6.52'    |
| 1             | 2 7/8" x 7" AS 1X Pkr    | 9.25'    |
| 1             | 2 7/8" SN & Collar       | 1.10'    |
| 1             | 2 7/8" x 3 1/2" X/O      | 0.55'    |
| 1             | 3 1/2" 9.3# L80 IPC tbg  | 32.70'   |
| 1             | 3 1/2" L80 IPC GLV #1    | 4.10'    |
| 19            | 3 1/2" 9.3# L80 IPC tbg  | 620.92'  |
| 1             | 3 1/2" L80 IPC GLV #2    | 4.10'    |
| 22            | 3 1/2" 9.3# L80 IPC tbg  | 718.32'  |
| 1             | 3 1/2" L80 IPC GLV #3    | 4.10'    |
| 23            | 3 1/2" 9.3# L80 IPC tbg  | 751.81'  |
| 1             | 3 1/2" L80 IPC GLV #4    | 4.10'    |
| 22            | 3 1/2" 9.3# L80 IPC tbg  | 720.03'  |
| 1             | 3 1/2" L80 IPC GLV #5    | 4.10'    |
| 22            | 3 1/2" 9.3# L80 IPC tbg  | 716.38'  |
| 1             | 3 1/2" L80 IPC GLV #6    | 4.10'    |
| 23            | 3 1/2" 9.3# L80 IPC tbg  | 751.63'  |
| 1             | 3 1/2" L80 IPC GLV #7    | 4.10'    |
| 22            | 3 1/2" 9.3# L80 IPC tbg  | 715.92'  |
| 1             | 3 1/2" L80 IPC GLV #8    | 4.10'    |
| 23            | 3 1/2" 9.3# L80 IPC tbg  | 751.61'  |
| 1             | 3 1/2" L80 IPC GLV #9    | 4.10'    |
| 22            | 3 1/2" 9.3# L80 IPC tbg  | 718.59'  |
| 1             | 3 1/2" L80 IPC GLV #10   | 4.10'    |
| 26            | 3 1/2" 9.3# L80 IPC tbg  | 850.67'  |
| 1             | 3 1/2" L80 IPC GLV #11   | 4.10'    |
| 44            | 3 1/2" 9.3# L80 IPC tbg  | 1439.91' |
| 4             | 3 1/2" 9.3# L80 IPC subs | 26.00'   |
| 1             | 3 1/2" 9.3# L80 IPC tbg  | 32.68'   |
| Total tbg     |                          | 8909.59' |
| KB Correction |                          | 28.00'   |
| Tbg set @     |                          | 8937.59' |

KOP @ 8984'

Dev @ KOP: 2.4°

Liner

6 1/8" x 4 1/2" HCP110

Set @ 8964' - 19,636'

TOC @ 8964'

TVD @ 9532'

TD 6 1/8" hole @ 19,636'

**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 85469

ACKNOWLEDGMENTS

|                                                                   |                                                    |
|-------------------------------------------------------------------|----------------------------------------------------|
| Operator:<br>MEWBOURNE OIL CO<br>P.O. Box 5270<br>Hobbs, NM 88241 | OGRID:<br>14744                                    |
|                                                                   | Action Number:<br>85469                            |
|                                                                   | 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. |

**District I**  
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**Energy, Minerals and Natural Resources**  
**Oil Conservation Division**  
**1220 S. St Francis Dr.**  
**Santa Fe, NM 87505**

CONDITIONS  
  
Action 85469

CONDITIONS

|                                                                   |                                                    |
|-------------------------------------------------------------------|----------------------------------------------------|
| Operator:<br>MEWBOURNE OIL CO<br>P.O. Box 5270<br>Hobbs, NM 88241 | OGRID:<br>14744                                    |
|                                                                   | Action Number:<br>85469                            |
|                                                                   | Action Type:<br>[C-104] Completion Packet (C-104C) |

CONDITIONS

| Created By | Condition                                                     | Condition Date |
|------------|---------------------------------------------------------------|----------------|
| plmartinez | File 3160-4 Completion Report within 10 days of BLM approval. | 8/8/2024       |