

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

State of New Mexico  
Energy, Minerals & Natural Resources

Form C-104  
Revised August 1, 2011

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

Submit one copy to appropriate District Office

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

|                                                                                                   |                                                           |                                                                        |
|---------------------------------------------------------------------------------------------------|-----------------------------------------------------------|------------------------------------------------------------------------|
| <sup>1</sup> Operator name and Address<br>Mewbourne Oil Company<br>PO Box 5270<br>Hobbs, NM 88241 |                                                           | <sup>2</sup> OGRID Number<br>14744                                     |
|                                                                                                   |                                                           | <sup>3</sup> Reason for Filing Code/ Effective Date<br>NW / 12/02/2020 |
| <sup>4</sup> API Number<br>30 - 015 - 46152                                                       | <sup>5</sup> Pool Name<br>Purple Sage; Wolfcamp (Gas)     | <sup>6</sup> Pool Code<br>98220                                        |
| <sup>7</sup> Property Code<br>325777                                                              | <sup>8</sup> Property Name<br>Creedence 21/16 W1FC St Com | <sup>9</sup> Well Number<br>3H                                         |

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

|                    |               |                 |              |         |                       |                           |                       |                        |                |
|--------------------|---------------|-----------------|--------------|---------|-----------------------|---------------------------|-----------------------|------------------------|----------------|
| UL or lot no.<br>K | Section<br>21 | Township<br>24S | Range<br>28E | Lot Idn | Feet from the<br>2430 | North/South Line<br>South | Feet from the<br>2040 | East/West line<br>West | County<br>Eddy |
|--------------------|---------------|-----------------|--------------|---------|-----------------------|---------------------------|-----------------------|------------------------|----------------|

<sup>11</sup> Bottom Hole Location

|                             |                                                   |                                                    |                                   |                                    |                                     |                           |                       |                        |                |
|-----------------------------|---------------------------------------------------|----------------------------------------------------|-----------------------------------|------------------------------------|-------------------------------------|---------------------------|-----------------------|------------------------|----------------|
| UL or lot no.<br>C          | Section<br>16                                     | Township<br>24S                                    | Range<br>28E                      | Lot Idn                            | Feet from the<br>322                | North/South line<br>North | Feet from the<br>1700 | East/West line<br>West | County<br>Eddy |
| <sup>12</sup> Lse Code<br>S | <sup>13</sup> Producing Method<br>Code<br>Flowing | <sup>14</sup> Gas Connection<br>Date<br>12/02/2020 | <sup>15</sup> C-129 Permit Number | <sup>16</sup> C-129 Effective Date | <sup>17</sup> C-129 Expiration Date |                           |                       |                        |                |

III. Oil and Gas Transporters

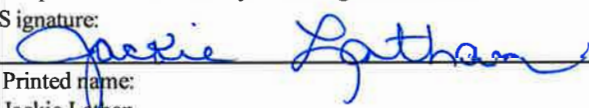
|                                    |                                                                                          |                     |
|------------------------------------|------------------------------------------------------------------------------------------|---------------------|
| <sup>18</sup> Transporter<br>OGRID | <sup>19</sup> Transporter Name<br>and Address                                            | <sup>20</sup> O/G/W |
|                                    | Oryx<br>4000 N. Big Spring<br>Suite 400<br>Midland, TX 79705                             | O                   |
| 282301                             | Crestwood New Mexico Pipeline<br>801 Cherry Street<br>Suite 3800<br>Fort Worth, TX 76102 | G                   |
|                                    |                                                                                          |                     |
|                                    |                                                                                          |                     |
|                                    |                                                                                          |                     |
|                                    |                                                                                          |                     |

IV. Well Completion Data We are asking for an exemption from tubing at this time.

|                                     |                                        |                               |                              |                                               |                             |
|-------------------------------------|----------------------------------------|-------------------------------|------------------------------|-----------------------------------------------|-----------------------------|
| <sup>21</sup> Spud Date<br>01/23/20 | <sup>22</sup> Ready Date<br>12/02/2020 | <sup>23</sup> TD<br>17390' MD | <sup>24</sup> PBTD<br>17335' | <sup>25</sup> Perforations<br>10042' - 17327' | <sup>26</sup> DHC, MC<br>NA |
| <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 3/4" 54.5# J55                      | 453'                          | 375                          |                                               |                             |
| 12 1/4"                             | 9 5/8" 40# HCL80                       | 3558'                         | 825                          |                                               |                             |
| 8 3/4"                              | 7" 29# HCP110                          | 9690'                         | 675                          |                                               |                             |
| 6 1/4"                              | 4 1/2" 13.5# HCP110                    | 9017' - 17388'                | 850                          |                                               |                             |

V. Well Test Data

|                                          |                                               |                                       |                                     |                                   |                                         |
|------------------------------------------|-----------------------------------------------|---------------------------------------|-------------------------------------|-----------------------------------|-----------------------------------------|
| <sup>31</sup> Date New Oil<br>12/02/2020 | <sup>32</sup> Gas Delivery Date<br>12/02/2020 | <sup>33</sup> Test Date<br>12/04/2020 | <sup>34</sup> Test Length<br>24 hrs | <sup>35</sup> Tbg. Pressure<br>NA | <sup>36</sup> Csg. Pressure<br>1300     |
| <sup>37</sup> Choke Size<br>24/64"       | <sup>38</sup> Oil<br>542                      | <sup>39</sup> Water<br>1488           | <sup>40</sup> Gas<br>479            |                                   | <sup>41</sup> Test Method<br>Production |

|                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |                        |                                                                                                                        |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|------------------------|------------------------------------------------------------------------------------------------------------------------|
| <sup>42</sup> I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.<br>Signature:<br><br>Printed name:<br>Jackie Lathan<br>Title:<br>Regulatory<br>E-mail Address:<br>jlathan@mewbourne.com<br>Date:<br>12/03/2020 |  | Phone:<br>575-393-5905 | OIL CONSERVATION DIVISION<br>Approved by:<br>Kurt Simmons<br>Title:<br>NMOCD, Santa Fe<br>Approval Date:<br>02/15/2021 |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|------------------------|------------------------------------------------------------------------------------------------------------------------|

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>30-015-46152 | <sup>2</sup> Pool Code<br>98220                              | <sup>3</sup> Pool Name<br>Purple Sage; Wolfcamp (Gas)             |
| <sup>4</sup> Property Code<br>325777    | <sup>5</sup> Property Name<br>CREEDENCE 21/16 W1FC STATE COM |                                                                   |
| <sup>7</sup> GRID NO.<br>14744          | <sup>8</sup> Operator Name<br>MEWBOURNE OIL COMPANY          | <sup>6</sup> Well Number<br>3H<br><sup>9</sup> Elevation<br>3033' |

<sup>10</sup> Surface Location

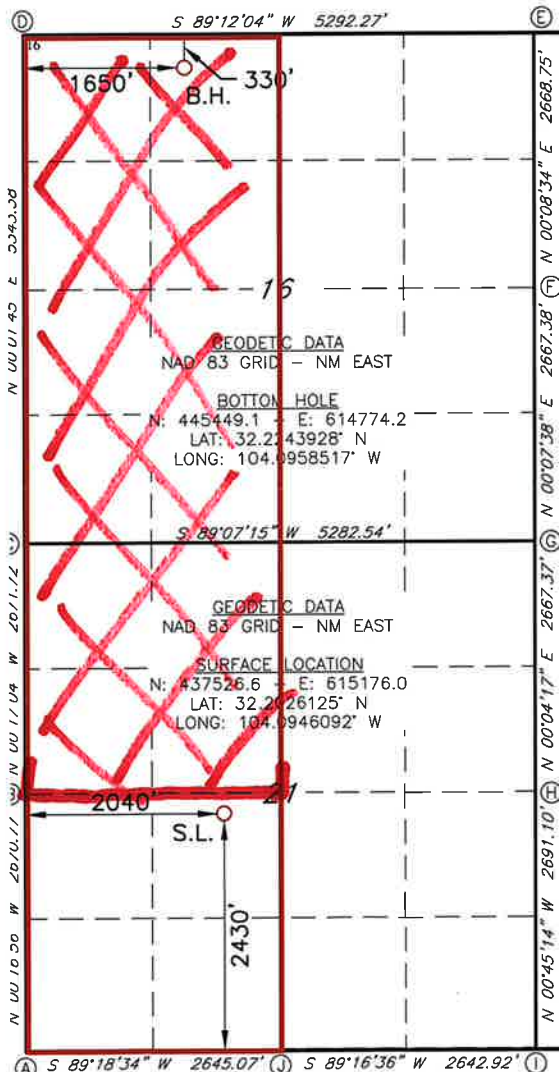
| UL or lot no. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet From the | East/West line | County |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| K             | 21      | 24S      | 28E   |         | 2430          | SOUTH            | 2040          | WEST           | EDDY   |

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

| UL or lot no. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| C             | 16      | 24S      | 28E   |         | 322           | NORTH            | 1700          | WEST           | EDDY   |

|                                      |                               |                                  |                         |
|--------------------------------------|-------------------------------|----------------------------------|-------------------------|
| <sup>12</sup> Dedicated Acres<br>640 | <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.



## CORNER DATA

NAD 83 GRID - NM EAST

A: FOUND BRASS CAP "1942"

N: 435072.6 - E: 613148.6

B: FOUND BRASS CAP "1942"

N: 437742.8 - E: 613135.4

C: CALCULATED CORNER

N: 440413.8 - E: 613122.2

D: FOUND 100D NAIL

N: 445756.0 - E: 613124.9

E: CALCULATED CORNER

N: 445829.8 - E: 618415.5

F: FOUND BRASS CAP "1942"

N: 443161.6 - E: 618408.8

G: CALCULATED CORNER

N: 440494.9 - E: 618402.9

H: FOUND BRASS CAP "1942"

N: 437828.1 - E: 618399.6

I: FOUND BRASS CAP "1942"

N: 435137.9 - E: 618435.0

J: FOUND BRASS CAP "1942"

N: 435104.5 - E: 615792.9

<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.

Signature: Jackie Lathan Date: 12/03/2020

Printed Name: Jackie Lathan

E-mail Address: 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.

03-06-2019

Date of Survey

Signature and Seal of Professional Surveyor

19680

Certificate Number



RRC - Job No.:

RRC-Job No: LS19030319

Intent ☐ As Drilled ☒

|                       |                                         |  |                                                  |                   |
|-----------------------|-----------------------------------------|--|--------------------------------------------------|-------------------|
| API #<br>30-015-46152 | Operator Name:<br>Mewbourne Oil Company |  | Property Name:<br>Creedence 21/16 W1FC State Com | Well Number<br>3H |
|-----------------------|-----------------------------------------|--|--------------------------------------------------|-------------------|

## Kick Off Point (KOP)

|                        |               |                 |              |     |                           |               |              |               |                |
|------------------------|---------------|-----------------|--------------|-----|---------------------------|---------------|--------------|---------------|----------------|
| UL<br>K                | Section<br>21 | Township<br>24S | Range<br>28E | Lot | Feet<br>2405              | From N/S<br>S | Feet<br>1703 | From E/W<br>W | County<br>Eddy |
| Latitude<br>32.2025366 |               |                 |              |     | Longitude<br>-104.0956958 |               |              | NAD<br>83     |                |

## First Take Point (FTP)

|                        |               |                 |              |     |                           |               |              |               |                |
|------------------------|---------------|-----------------|--------------|-----|---------------------------|---------------|--------------|---------------|----------------|
| UL<br>F                | Section<br>21 | Township<br>24S | Range<br>28E | Lot | Feet<br>2295              | From N/S<br>N | Feet<br>1736 | From E/W<br>W | County<br>Eddy |
| Latitude<br>32.2043152 |               |                 |              |     | Longitude<br>-104.0955884 |               |              | NAD<br>83     |                |

## Last Take Point (LTP)

|                        |               |                 |              |     |                           |               |              |               |                |
|------------------------|---------------|-----------------|--------------|-----|---------------------------|---------------|--------------|---------------|----------------|
| UL<br>C                | Section<br>16 | Township<br>24S | Range<br>28E | Lot | Feet<br>365               | From N/S<br>N | Feet<br>1700 | From E/W<br>W | County<br>Eddy |
| Latitude<br>32.2242448 |               |                 |              |     | Longitude<br>-104.0957270 |               |              | NAD<br>83     |                |

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

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

|                       |                                     |  |                                                |                   |
|-----------------------|-------------------------------------|--|------------------------------------------------|-------------------|
| API #<br>30-015-46153 | Operator Name:<br>Mewbourne O. & Co |  | Property Name:<br>Creedence 21/16 W0 FC St Com | Well Number<br>4H |
|-----------------------|-------------------------------------|--|------------------------------------------------|-------------------|

KZ 06/29/2018



A diagram showing a compass rose with 'G' for Grid North and 'M' for Magnetic North. To the left, magnetic field lines are shown as arrows pointing towards the right, labeled 'T' and 'M'.

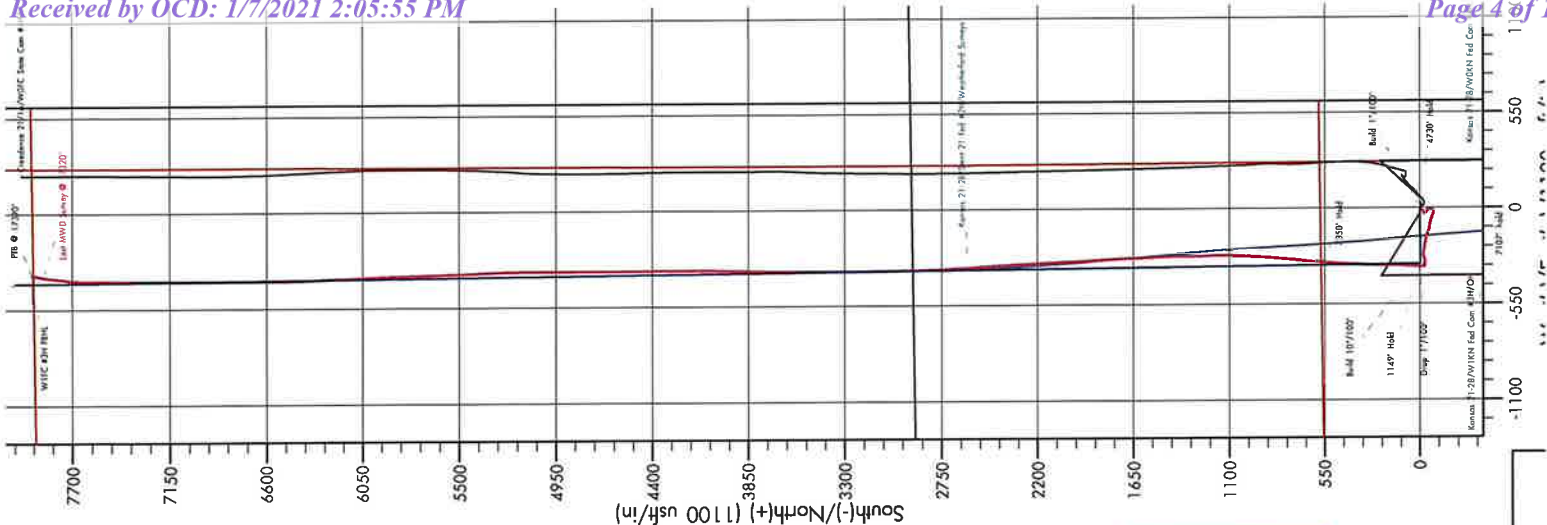
Forward  
Build-  
2525'  
FSL &  
1725'  
FWL

W1FC #3H SHL:  
2430' FSL & 2040'  
FWL

#3H PBHL:  
330' FNL & 1650'  
FWL

**Hard Lines:**  
330' FNL  
2340' FNL  
2310' FWL  
330' FWL

Plan: Plan #2 (W1FC State Com #3H/OH)



Site: Creedence 21/16  
Well: W1FC State Com #3H  
Wellbore: OH  
Design: Plan #2  
Lat: 32.202612  
Long: -104.094609  
GL: 3034.00  
KB: RKB=28' @ 3062.00.usf |Pat:

KB: RKB=28' @ 3062.00usft (Pat. 244)

WELL DETAILS: W1FC State Com #3H

| +N/-S | +E/-W | Northing  | Easting   | Latitude  | Longitude   |
|-------|-------|-----------|-----------|-----------|-------------|
| 0.00  | 0.00  | 437526.60 | 615176.00 | 32.202612 | -104.094609 |

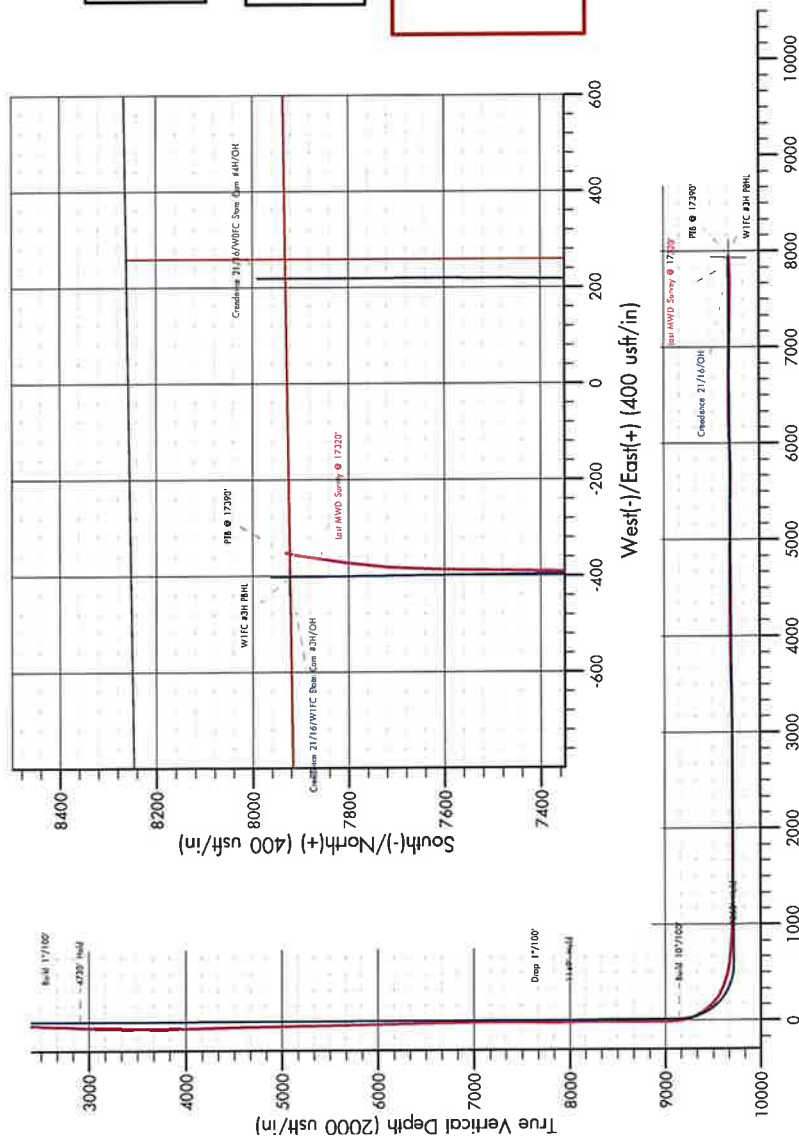
  

| Name           | TVD     | +N/-S   | +E/-W   | Northing  | Easting   | Shape Point |
|----------------|---------|---------|---------|-----------|-----------|-------------|
| W1FC #3H PB-HL | 9682.00 | 7922.50 | -401.80 | 445449.10 | 614774.20 |             |

WELLBORE TARGET DETAILS (LAT/LONG)

## SECTION DETAILS

| MD       | Inc   | Azi    | TVD     | +N/S    | -E/W    | Dlog  | TFace  | V5ect   | Amolition      |
|----------|-------|--------|---------|---------|---------|-------|--------|---------|----------------|
| 0.00     | 0.00  | 0.00   | 0.00    | 0.00    | 0.00    | 0.00  | 0.00   | 0.00    |                |
| 2550.00  | 0.00  | 0.00   | 2550.00 | 0.00    | 0.00    | 0.00  | 0.00   | 0.00    | Build 1°/100'  |
| 2909.74  | 3.60  | 269.50 | 2909.50 | -0.10   | -11.29  | 1.00  | 269.50 | 0.47    | 47300' Hold    |
| 7650.07  | 3.60  | 269.50 | 7640.50 | -2.70   | -308.71 | 0.00  | 0.00   | 12.94   | Drop 1°/100'   |
| 8009.81  | 0.00  | 0.00   | 8000.00 | -2.80   | -320.00 | 1.00  | 180.00 | 13.41   | 1149' Hold     |
| 9158.63  | 0.00  | 0.00   | 9148.82 | -2.80   | -320.00 | 0.00  | 0.00   | 13.41   | Build 10°/100' |
| 10061.73 | 90.31 | 359.41 | 9721.77 | 573.23  | -325.95 | 10.00 | 359.41 | 589.00  | 7350' Hold     |
| 17411.50 | 90.31 | 359.41 | 9682.00 | 7922.50 | -401.80 | 0.00  | 0.00   | 7932.68 | TD at 17411.50 |



8000 9000 10000



**MEWBOURNE**  
**OIL COMPANY**

## **Mewbourne Oil Company**

**Eddy Co., NM (NAD 83)**

**Creedence 21/16**

**W1FC State Com #3H**

**OH**

**Design: OH**

## **Standard Survey Report**

**18 February, 2020**





## Survey Report



|                  |                       |                                     |                                  |
|------------------|-----------------------|-------------------------------------|----------------------------------|
| <b>Company:</b>  | Mewbourne Oil Company | <b>Local Co-ordinate Reference:</b> | Well W1FC State Com #3H          |
| <b>Project:</b>  | Eddy Co., NM (NAD 83) | <b>TVD Reference:</b>               | RKB=28' @ 3062.00usft (Pat. 244) |
| <b>Site:</b>     | Creedence 21/16       | <b>MD Reference:</b>                | RKB=28' @ 3062.00usft (Pat. 244) |
| <b>Well:</b>     | W1FC State Com #3H    | <b>North Reference:</b>             | Grid                             |
| <b>Wellbore:</b> | OH                    | <b>Survey Calculation Method:</b>   | Minimum Curvature                |
| <b>Design:</b>   | OH                    | <b>Database:</b>                    | EDM 5000.1 Single User Db        |

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

|                              |                 |                          |                 |
|------------------------------|-----------------|--------------------------|-----------------|
| <b>Site</b>                  | Creedence 21/16 |                          |                 |
| <b>Site Position:</b>        |                 | <b>Northing:</b>         | 437,527.00 usft |
| <b>From:</b>                 | Map             | <b>Easting:</b>          | 615,206.00 usft |
| <b>Position Uncertainty:</b> | 0.00 usft       | <b>Slot Radius:</b>      | 13-3/16 "       |
|                              |                 | <b>Latitude:</b>         | 32.202613       |
|                              |                 | <b>Longitude:</b>        | -104.094513     |
|                              |                 | <b>Grid Convergence:</b> | 0.13 °          |

|                             |                    |                            |                                  |
|-----------------------------|--------------------|----------------------------|----------------------------------|
| <b>Well</b>                 | W1FC State Com #3H |                            |                                  |
| <b>Well Position</b>        | <b>+N/-S</b>       | 0.00 usft                  | <b>Northing:</b> 437,526.60 usft |
|                             | <b>+E/-W</b>       | 0.00 usft                  | <b>Easting:</b> 615,176.00 usft  |
| <b>Position Uncertainty</b> | 0.00 usft          | <b>Wellhead Elevation:</b> | usft                             |
|                             |                    | <b>Latitude:</b>           | 32.202612                        |
|                             |                    | <b>Longitude:</b>          | -104.094610                      |
|                             |                    | <b>Ground Level:</b>       | 3,034.00 usft                    |

|                  |                   |                    |                                            |
|------------------|-------------------|--------------------|--------------------------------------------|
| <b>Wellbore</b>  | OH                |                    |                                            |
| <b>Magnetics</b> | <b>Model Name</b> | <b>Sample Date</b> | <b>Declination (°)</b>                     |
|                  | HDGM              | 12/10/19           | 7.07                                       |
|                  |                   |                    | <b>Dip Angle (°)</b> 59.90                 |
|                  |                   |                    | <b>Field Strength (nT)</b> 47,823.90000000 |

|                          |                                |                      |                             |
|--------------------------|--------------------------------|----------------------|-----------------------------|
| <b>Design</b>            | OH                             |                      |                             |
| <b>Audit Notes:</b>      |                                |                      |                             |
| <b>Version:</b>          | 1.0                            | <b>Phase:</b>        | ACTUAL                      |
|                          |                                | <b>Tie On Depth:</b> | 0.00                        |
| <b>Vertical Section:</b> | <b>Depth From (TVD) (usft)</b> | <b>+N/-S (usft)</b>  | <b>+E/-W (usft)</b>         |
|                          | 0.00                           | 0.00                 | 0.00                        |
|                          |                                |                      | <b>Direction (°)</b> 357.10 |

|                       |                      |                          |                                        |
|-----------------------|----------------------|--------------------------|----------------------------------------|
| <b>Survey Program</b> | <b>Date</b> 02/17/20 |                          |                                        |
| <b>From (usft)</b>    | <b>To (usft)</b>     | <b>Survey (Wellbore)</b> | <b>Tool Name</b>                       |
| 177.00                | 17,390.00            | MWD Survey (OH)          | MWD                                    |
|                       |                      |                          | <b>Description</b> OWSG MWD - Standard |

|                              |                        |                    |                              |                     |                     |                                |                                |                               |                              |  |
|------------------------------|------------------------|--------------------|------------------------------|---------------------|---------------------|--------------------------------|--------------------------------|-------------------------------|------------------------------|--|
| <b>Survey</b>                |                        |                    |                              |                     |                     |                                |                                |                               |                              |  |
| <b>Measured Depth (usft)</b> | <b>Inclination (°)</b> | <b>Azimuth (°)</b> | <b>Vertical Depth (usft)</b> | <b>+N/-S (usft)</b> | <b>+E/-W (usft)</b> | <b>Vertical Section (usft)</b> | <b>Dogleg Rate (°/100usft)</b> | <b>Build Rate (°/100usft)</b> | <b>Turn Rate (°/100usft)</b> |  |
| 0.00                         | 0.00                   | 0.00               | 0.00                         | 0.00                | 0.00                | 0.00                           | 0.00                           | 0.00                          | 0.00                         |  |
| 177.00                       | 1.00                   | 230.95             | 176.99                       | -0.97               | -1.20               | -0.91                          | 0.56                           | 0.56                          | 0.00                         |  |
| 377.00                       | 1.10                   | 228.95             | 376.96                       | -3.33               | -4.00               | -3.13                          | 0.05                           | 0.05                          | -1.00                        |  |
| 506.00                       | 1.37                   | 225.97             | 505.93                       | -5.22               | -6.05               | -4.91                          | 0.22                           | 0.21                          | -2.31                        |  |
| 583.00                       | 1.30                   | 232.89             | 582.91                       | -6.39               | -7.40               | -6.00                          | 0.23                           | -0.09                         | 8.99                         |  |
| 673.00                       | 1.12                   | 235.65             | 672.89                       | -7.50               | -8.94               | -7.04                          | 0.21                           | -0.20                         | 3.07                         |  |
| 770.00                       | 1.18                   | 230.96             | 769.87                       | -8.66               | -10.50              | -8.12                          | 0.12                           | 0.06                          | -4.84                        |  |
| 864.00                       | 1.04                   | 229.81             | 863.85                       | -9.82               | -11.91              | -9.21                          | 0.15                           | -0.15                         | -1.22                        |  |
| 958.00                       | 1.04                   | 221.58             | 957.83                       | -11.01              | -13.12              | -10.33                         | 0.16                           | 0.00                          | -8.76                        |  |
| 1,052.00                     | 0.93                   | 214.26             | 1,051.82                     | -12.28              | -14.12              | -11.55                         | 0.18                           | -0.12                         | -7.79                        |  |



## Survey Report



|                  |                       |                                     |                                  |
|------------------|-----------------------|-------------------------------------|----------------------------------|
| <b>Company:</b>  | Mewbourne Oil Company | <b>Local Co-ordinate Reference:</b> | Well W1FC State Com #3H          |
| <b>Project:</b>  | Eddy Co., NM (NAD 83) | <b>TVD Reference:</b>               | RKB=28' @ 3062.00usft (Pat. 244) |
| <b>Site:</b>     | Creedence 21/16       | <b>MD Reference:</b>                | RKB=28' @ 3062.00usft (Pat. 244) |
| <b>Well:</b>     | W1FC State Com #3H    | <b>North Reference:</b>             | Grid                             |
| <b>Wellbore:</b> | OH                    | <b>Survey Calculation Method:</b>   | Minimum Curvature                |
| <b>Design:</b>   | OH                    | <b>Database:</b>                    | EDM 5000,1 Single User Db        |

| Survey                |                 |             |                       |              |              |                         |                         |                        |                       |
|-----------------------|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|-------------------------|------------------------|-----------------------|
| Measured Depth (usft) | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Vertical Section (usft) | Dogleg Rate (°/100usft) | Build Rate (°/100usft) | Turn Rate (°/100usft) |
| 1,146.00              | 1.13            | 215.31      | 1,145.80              | -13.67       | -15.08       | -12.88                  | 0.21                    | 0.21                   | 1.12                  |
| 1,239.00              | 1.29            | 226.82      | 1,238.78              | -15.13       | -16.38       | -14.28                  | 0.31                    | 0.17                   | 12.38                 |
| 1,333.00              | 1.59            | 228.58      | 1,332.75              | -16.72       | -18.13       | -15.78                  | 0.32                    | 0.32                   | 1.87                  |
| 1,426.00              | 1.70            | 238.95      | 1,425.72              | -18.28       | -20.28       | -17.23                  | 0.34                    | 0.12                   | 11.15                 |
| 1,519.00              | 1.82            | 240.66      | 1,518.67              | -19.72       | -22.75       | -18.54                  | 0.14                    | 0.13                   | 1.84                  |
| 1,613.00              | 1.79            | 240.67      | 1,612.63              | -21.17       | -25.33       | -19.86                  | 0.03                    | -0.03                  | 0.01                  |
| 1,707.00              | 1.77            | 240.08      | 1,706.58              | -22.61       | -27.87       | -21.17                  | 0.03                    | -0.02                  | -0.63                 |
| 1,800.00              | 1.52            | 243.05      | 1,799.54              | -23.89       | -30.21       | -22.33                  | 0.28                    | -0.27                  | 3.19                  |
| 1,893.00              | 0.84            | 196.44      | 1,892.52              | -25.10       | -31.50       | -23.47                  | 1.21                    | -0.73                  | -50.12                |
| 1,986.00              | 1.11            | 164.39      | 1,985.51              | -26.62       | -31.45       | -25.00                  | 0.64                    | 0.29                   | -34.46                |
| 2,079.00              | 1.10            | 154.57      | 2,078.49              | -28.29       | -30.83       | -26.70                  | 0.20                    | -0.01                  | -10.56                |
| 2,173.00              | 1.98            | 129.92      | 2,172.46              | -30.15       | -29.19       | -28.64                  | 1.15                    | 0.94                   | -26.22                |
| 2,267.00              | 2.56            | 128.89      | 2,266.39              | -32.51       | -26.31       | -31.14                  | 0.62                    | 0.62                   | -1.10                 |
| 2,360.00              | 3.15            | 126.51      | 2,359.27              | -35.34       | -22.64       | -34.15                  | 0.65                    | 0.63                   | -2.56                 |
| 2,455.00              | 2.92            | 128.52      | 2,454.14              | -38.40       | -18.65       | -37.40                  | 0.27                    | -0.24                  | 2.12                  |
| 2,547.00              | 2.74            | 137.32      | 2,546.02              | -41.47       | -15.33       | -40.64                  | 0.51                    | -0.20                  | 9.57                  |
| 2,640.00              | 2.56            | 146.51      | 2,638.93              | -44.84       | -12.68       | -44.14                  | 0.50                    | -0.19                  | 9.88                  |
| 2,733.00              | 2.68            | 148.15      | 2,731.83              | -48.42       | -10.38       | -47.83                  | 0.15                    | 0.13                   | 1.76                  |
| 2,826.00              | 2.61            | 162.58      | 2,824.73              | -52.28       | -8.60        | -51.78                  | 0.72                    | -0.08                  | 15.52                 |
| 2,919.00              | 2.67            | 168.72      | 2,917.63              | -56.43       | -7.54        | -55.98                  | 0.31                    | 0.06                   | 6.60                  |
| 3,013.00              | 2.51            | 171.19      | 3,011.54              | -60.61       | -6.80        | -60.19                  | 0.21                    | -0.17                  | 2.63                  |
| 3,107.00              | 2.44            | 167.80      | 3,105.45              | -64.60       | -6.06        | -64.21                  | 0.17                    | -0.07                  | -3.61                 |
| 3,200.00              | 1.93            | 206.91      | 3,198.38              | -67.93       | -6.35        | -67.52                  | 1.66                    | -0.55                  | 42.05                 |
| 3,295.00              | 2.00            | 233.96      | 3,293.33              | -70.33       | -8.42        | -69.82                  | 0.97                    | 0.07                   | 28.47                 |
| 3,388.00              | 2.04            | 249.02      | 3,386.27              | -71.88       | -11.27       | -71.22                  | 0.57                    | 0.04                   | 16.19                 |
| 3,480.00              | 2.01            | 244.22      | 3,478.22              | -73.17       | -14.26       | -72.35                  | 0.19                    | -0.03                  | -5.22                 |
| 3,489.00              | 2.10            | 248.59      | 3,487.21              | -73.30       | -14.55       | -72.47                  | 2.01                    | 1.00                   | 48.56                 |
| 3,593.00              | 2.07            | 245.93      | 3,591.14              | -74.76       | -18.04       | -73.75                  | 0.10                    | -0.03                  | -2.56                 |
| 3,686.00              | 2.68            | 262.94      | 3,684.06              | -75.71       | -21.73       | -74.52                  | 1.00                    | 0.66                   | 18.29                 |
| 3,779.00              | 3.19            | 273.16      | 3,776.94              | -75.84       | -26.47       | -74.40                  | 0.78                    | 0.55                   | 10.99                 |
| 3,872.00              | 3.91            | 291.86      | 3,869.77              | -74.51       | -32.00       | -72.80                  | 1.46                    | 0.77                   | 20.11                 |
| 3,965.00              | 4.33            | 291.10      | 3,962.52              | -72.07       | -38.22       | -70.04                  | 0.46                    | 0.45                   | -0.82                 |
| 4,059.00              | 4.17            | 291.53      | 4,056.27              | -69.54       | -44.71       | -67.19                  | 0.17                    | -0.17                  | 0.46                  |
| 4,152.00              | 4.32            | 290.06      | 4,149.01              | -67.09       | -51.14       | -64.42                  | 0.20                    | 0.16                   | -1.58                 |
| 4,247.00              | 4.24            | 289.40      | 4,243.75              | -64.70       | -57.82       | -61.69                  | 0.10                    | -0.08                  | -0.69                 |
| 4,340.00              | 4.33            | 288.49      | 4,336.49              | -62.45       | -64.39       | -59.11                  | 0.12                    | 0.10                   | -0.98                 |
| 4,433.00              | 4.39            | 286.92      | 4,429.22              | -60.30       | -71.12       | -56.62                  | 0.14                    | 0.06                   | -1.69                 |
| 4,526.00              | 4.30            | 285.26      | 4,521.95              | -58.34       | -77.89       | -54.33                  | 0.17                    | -0.10                  | -1.78                 |
| 4,619.00              | 4.11            | 285.03      | 4,614.70              | -56.56       | -84.48       | -52.21                  | 0.21                    | -0.20                  | -0.25                 |
| 4,712.00              | 4.09            | 283.77      | 4,707.46              | -54.91       | -90.92       | -50.24                  | 0.10                    | -0.02                  | -1.35                 |
| 4,805.00              | 4.06            | 283.69      | 4,800.23              | -53.34       | -97.34       | -48.35                  | 0.03                    | -0.03                  | -0.09                 |
| 4,898.00              | 3.91            | 280.08      | 4,893.00              | -52.00       | -103.66      | -46.69                  | 0.31                    | -0.16                  | -3.88                 |
| 4,991.00              | 3.88            | 278.39      | 4,985.79              | -50.99       | -109.89      | -45.37                  | 0.13                    | -0.03                  | -1.82                 |
| 5,084.00              | 3.83            | 276.94      | 5,078.58              | -50.16       | -116.09      | -44.22                  | 0.12                    | -0.05                  | -1.56                 |



## Survey Report



**Company:** Mewbourne Oil Company  
**Project:** Eddy Co., NM (NAD 83)  
**Site:** Creedence 21/16  
**Well:** W1FC State Com #3H  
**Wellbore:** OH  
**Design:** OH

**Local Co-ordinate Reference:** Well W1FC State Com #3H  
**TVD Reference:** RKB=28' @ 3062.00usft (Pat. 244)  
**MD Reference:** RKB=28' @ 3062.00usft (Pat. 244)  
**North Reference:** Grid  
**Survey Calculation Method:** Minimum Curvature  
**Database:** EDM 5000.1 Single User Db

| Survey                |                 |             |                       |              |              |                         |                         |                        |                       |  |
|-----------------------|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|-------------------------|------------------------|-----------------------|--|
| Measured Depth (usft) | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Vertical Section (usft) | Dogleg Rate (°/100usft) | Build Rate (°/100usft) | Turn Rate (°/100usft) |  |
| 5,178.00              | 3.66            | 278.42      | 5,172.38              | -49.34       | -122.17      | -43.09                  | 0.21                    | -0.18                  | 1.57                  |  |
| 5,272.00              | 3.45            | 276.16      | 5,266.19              | -48.59       | -127.95      | -42.06                  | 0.27                    | -0.22                  | -2.40                 |  |
| 5,366.00              | 3.10            | 276.34      | 5,360.04              | -48.01       | -133.29      | -41.20                  | 0.37                    | -0.37                  | 0.19                  |  |
| 5,460.00              | 3.60            | 292.94      | 5,453.88              | -46.58       | -138.53      | -39.51                  | 1.16                    | 0.53                   | 17.66                 |  |
| 5,553.00              | 3.66            | 292.69      | 5,546.70              | -44.30       | -143.96      | -36.96                  | 0.07                    | 0.06                   | -0.27                 |  |
| 5,646.00              | 3.38            | 292.59      | 5,639.52              | -42.10       | -149.23      | -34.49                  | 0.30                    | -0.30                  | -0.11                 |  |
| 5,741.00              | 3.25            | 285.88      | 5,734.36              | -40.29       | -154.41      | -32.42                  | 0.43                    | -0.14                  | -7.06                 |  |
| 5,835.00              | 4.11            | 286.44      | 5,828.17              | -38.60       | -160.20      | -30.45                  | 0.92                    | 0.91                   | 0.60                  |  |
| 5,928.00              | 3.93            | 282.76      | 5,920.94              | -36.96       | -166.51      | -28.48                  | 0.34                    | -0.19                  | -3.96                 |  |
| 6,021.00              | 3.75            | 280.81      | 6,013.73              | -35.68       | -172.60      | -26.90                  | 0.24                    | -0.19                  | -2.10                 |  |
| 6,116.00              | 3.60            | 280.80      | 6,108.53              | -34.54       | -178.58      | -25.46                  | 0.16                    | -0.16                  | -0.01                 |  |
| 6,209.00              | 3.80            | 287.17      | 6,201.34              | -33.08       | -184.39      | -23.71                  | 0.49                    | 0.22                   | 6.85                  |  |
| 6,302.00              | 3.64            | 285.70      | 6,294.14              | -31.37       | -190.18      | -21.71                  | 0.20                    | -0.17                  | -1.58                 |  |
| 6,396.00              | 3.23            | 277.85      | 6,387.98              | -30.21       | -195.68      | -20.27                  | 0.66                    | -0.44                  | -8.35                 |  |
| 6,490.00              | 3.61            | 286.23      | 6,481.81              | -29.02       | -201.14      | -18.80                  | 0.67                    | 0.40                   | 8.91                  |  |
| 6,583.00              | 3.44            | 278.59      | 6,574.63              | -27.78       | -206.71      | -17.29                  | 0.54                    | -0.18                  | -8.22                 |  |
| 6,677.00              | 4.83            | 279.50      | 6,668.39              | -26.71       | -213.40      | -15.88                  | 1.48                    | 1.48                   | 0.97                  |  |
| 6,770.00              | 5.03            | 277.11      | 6,761.04              | -25.56       | -221.31      | -14.33                  | 0.31                    | 0.22                   | -2.57                 |  |
| 6,863.00              | 4.02            | 274.97      | 6,853.75              | -24.77       | -228.60      | -13.17                  | 1.10                    | -1.09                  | -2.30                 |  |
| 6,957.00              | 3.41            | 274.33      | 6,947.55              | -24.27       | -234.68      | -12.37                  | 0.65                    | -0.65                  | -0.68                 |  |
| 7,051.00              | 4.45            | 280.16      | 7,041.33              | -23.42       | -241.05      | -11.19                  | 1.18                    | 1.11                   | 6.20                  |  |
| 7,146.00              | 4.34            | 280.75      | 7,136.05              | -22.10       | -248.21      | -9.51                   | 0.13                    | -0.12                  | 0.62                  |  |
| 7,239.00              | 4.27            | 284.18      | 7,228.79              | -20.59       | -255.03      | -7.66                   | 0.29                    | -0.08                  | 3.69                  |  |
| 7,334.00              | 4.36            | 280.68      | 7,323.52              | -19.06       | -262.00      | -5.78                   | 0.29                    | 0.09                   | -3.68                 |  |
| 7,427.00              | 3.82            | 264.21      | 7,416.29              | -18.71       | -268.56      | -5.10                   | 1.38                    | -0.58                  | -17.71                |  |
| 7,522.00              | 4.01            | 251.36      | 7,511.07              | -20.10       | -274.86      | -6.16                   | 0.94                    | 0.20                   | -13.53                |  |
| 7,615.00              | 4.66            | 252.67      | 7,603.80              | -22.26       | -281.54      | -7.99                   | 0.71                    | 0.70                   | 1.41                  |  |
| 7,708.00              | 6.37            | 244.97      | 7,696.37              | -25.57       | -289.82      | -10.87                  | 2.00                    | 1.84                   | -8.28                 |  |
| 7,801.00              | 6.97            | 254.33      | 7,788.74              | -29.28       | -299.93      | -14.06                  | 1.33                    | 0.65                   | 10.06                 |  |
| 7,894.00              | 5.64            | 276.23      | 7,881.19              | -30.30       | -309.91      | -14.59                  | 2.93                    | -1.43                  | 23.55                 |  |
| 7,988.00              | 2.17            | 308.13      | 7,974.97              | -28.70       | -315.90      | -12.68                  | 4.22                    | -3.69                  | 33.94                 |  |
| 8,083.00              | 0.99            | 359.24      | 8,069.93              | -26.77       | -317.33      | -10.68                  | 1.82                    | -1.24                  | 53.80                 |  |
| 8,178.00              | 0.66            | 324.91      | 8,164.92              | -25.50       | -317.66      | -9.40                   | 0.61                    | -0.35                  | -36.14                |  |
| 8,272.00              | 0.48            | 288.72      | 8,258.92              | -24.93       | -318.34      | -8.80                   | 0.42                    | -0.19                  | -38.50                |  |
| 8,367.00              | 0.80            | 247.25      | 8,353.91              | -25.06       | -319.33      | -8.88                   | 0.57                    | 0.34                   | -43.65                |  |
| 8,461.00              | 1.71            | 214.67      | 8,447.89              | -26.47       | -320.73      | -10.21                  | 1.19                    | 0.97                   | -34.66                |  |
| 8,556.00              | 2.44            | 215.54      | 8,542.83              | -29.28       | -322.71      | -12.92                  | 0.77                    | 0.77                   | 0.92                  |  |
| 8,650.00              | 1.04            | 270.96      | 8,636.79              | -30.90       | -324.73      | -14.43                  | 2.17                    | -1.49                  | 58.96                 |  |
| 8,744.00              | 1.73            | 284.26      | 8,730.76              | -30.53       | -326.96      | -13.95                  | 0.81                    | 0.73                   | 14.15                 |  |
| 8,838.00              | 1.75            | 282.20      | 8,824.72              | -29.88       | -329.74      | -13.16                  | 0.07                    | 0.02                   | -2.19                 |  |
| 8,931.00              | 1.88            | 281.07      | 8,917.67              | -29.29       | -332.62      | -12.42                  | 0.14                    | 0.14                   | -1.22                 |  |
| 9,026.00              | 1.55            | 290.04      | 9,012.63              | -28.55       | -335.36      | -11.54                  | 0.45                    | -0.35                  | 9.44                  |  |
| 9,053.00              | 1.45            | 292.71      | 9,039.62              | -28.29       | -336.02      | -11.25                  | 0.45                    | -0.37                  | 9.89                  |  |



## Survey Report



|                  |                       |                                     |                                  |
|------------------|-----------------------|-------------------------------------|----------------------------------|
| <b>Company:</b>  | Mewbourne Oil Company | <b>Local Co-ordinate Reference:</b> | Well W1FC State Com #3H          |
| <b>Project:</b>  | Eddy Co., NM (NAD 83) | <b>TVD Reference:</b>               | RKB=28' @ 3062.00usft (Pat. 244) |
| <b>Site:</b>     | Creedence 21/16       | <b>MD Reference:</b>                | RKB=28' @ 3062.00usft (Pat. 244) |
| <b>Well:</b>     | W1FC State Com #3H    | <b>North Reference:</b>             | Grid                             |
| <b>Wellbore:</b> | OH                    | <b>Survey Calculation Method:</b>   | Minimum Curvature                |
| <b>Design:</b>   | OH                    | <b>Database:</b>                    | EDM 5000.1 Single User Db        |

| Survey                |                 |             |                       |              |              |                         |                         |                        |                       |
|-----------------------|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|-------------------------|------------------------|-----------------------|
| Measured Depth (usft) | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Vertical Section (usft) | Dogleg Rate (°/100usft) | Build Rate (°/100usft) | Turn Rate (°/100usft) |
| 9,144.00              | 3.76            | 358.96      | 9,130.53              | -24.86       | -337.13      | -7.77                   | 3.78                    | 2.54                   | 72.80                 |
| 9,238.00              | 14.89           | 2.59        | 9,223.14              | -9.67        | -336.64      | 7.38                    | 11.85                   | 11.84                  | 3.86                  |
| 9,331.00              | 24.44           | 2.40        | 9,310.62              | 21.56        | -335.29      | 38.50                   | 10.27                   | 10.27                  | -0.20                 |
| 9,425.00              | 35.03           | 3.24        | 9,392.13              | 68.06        | -332.95      | 84.82                   | 11.27                   | 11.27                  | 0.89                  |
| 9,518.00              | 41.30           | 2.47        | 9,465.21              | 125.43       | -330.11      | 141.97                  | 6.76                    | 6.74                   | -0.83                 |
| 9,611.00              | 51.91           | 1.61        | 9,529.01              | 192.87       | -327.75      | 209.20                  | 11.43                   | 11.41                  | -0.92                 |
| 9,657.00              | 57.50           | 1.28        | 9,555.58              | 230.38       | -326.81      | 246.62                  | 12.17                   | 12.15                  | -0.72                 |
| 9,786.00              | 69.29           | 1.71        | 9,613.25              | 345.48       | -323.79      | 361.42                  | 9.14                    | 9.14                   | 0.33                  |
| 9,880.00              | 73.84           | 3.59        | 9,642.97              | 434.53       | -319.64      | 450.15                  | 5.20                    | 4.84                   | 2.00                  |
| 9,975.00              | 78.21           | 4.67        | 9,665.91              | 526.46       | -313.00      | 541.62                  | 4.73                    | 4.60                   | 1.14                  |
| 10,069.00             | 83.51           | 6.17        | 9,680.83              | 618.81       | -304.23      | 633.41                  | 5.85                    | 5.64                   | 1.60                  |
| 10,162.00             | 86.86           | 7.84        | 9,688.64              | 710.78       | -292.92      | 724.69                  | 4.02                    | 3.60                   | 1.80                  |
| 10,257.00             | 86.58           | 3.87        | 9,694.08              | 805.11       | -283.25      | 818.41                  | 4.18                    | -0.29                  | -4.18                 |
| 10,351.00             | 87.06           | 4.03        | 9,699.29              | 898.74       | -276.78      | 911.59                  | 0.54                    | 0.51                   | 0.17                  |
| 10,445.00             | 86.92           | 3.36        | 9,704.23              | 992.41       | -270.73      | 1,004.84                | 0.73                    | -0.15                  | -0.71                 |
| 10,539.00             | 87.36           | 359.71      | 9,708.92              | 1,086.25     | -268.22      | 1,098.43                | 3.91                    | 0.47                   | -3.88                 |
| 10,632.00             | 88.46           | 358.41      | 9,712.31              | 1,179.17     | -269.75      | 1,191.31                | 1.83                    | 1.18                   | -1.40                 |
| 10,725.00             | 90.34           | 359.10      | 9,713.29              | 1,272.14     | -271.77      | 1,284.26                | 2.15                    | 2.02                   | 0.74                  |
| 10,819.00             | 89.92           | 359.77      | 9,713.07              | 1,366.13     | -272.69      | 1,378.18                | 0.84                    | -0.45                  | 0.71                  |
| 10,912.00             | 90.14           | 357.95      | 9,713.02              | 1,459.11     | -274.54      | 1,471.13                | 1.97                    | 0.24                   | -1.96                 |
| 11,006.00             | 89.52           | 356.26      | 9,713.30              | 1,552.98     | -279.29      | 1,565.13                | 1.92                    | -0.66                  | -1.80                 |
| 11,099.00             | 90.70           | 358.66      | 9,713.12              | 1,645.88     | -283.41      | 1,658.12                | 2.88                    | 1.27                   | 2.58                  |
| 11,192.00             | 89.72           | 356.36      | 9,712.78              | 1,738.79     | -287.45      | 1,751.11                | 2.69                    | -1.05                  | -2.47                 |
| 11,286.00             | 89.41           | 357.23      | 9,713.50              | 1,832.64     | -292.71      | 1,845.10                | 0.98                    | -0.33                  | 0.93                  |
| 11,379.00             | 89.61           | 356.54      | 9,714.29              | 1,925.50     | -297.76      | 1,938.10                | 0.77                    | 0.22                   | -0.74                 |
| 11,472.00             | 90.45           | 357.50      | 9,714.24              | 2,018.37     | -302.60      | 2,031.09                | 1.37                    | 0.90                   | 1.03                  |
| 11,566.00             | 90.25           | 357.17      | 9,713.67              | 2,112.27     | -306.97      | 2,125.09                | 0.41                    | -0.21                  | -0.35                 |
| 11,659.00             | 90.22           | 357.13      | 9,713.29              | 2,205.15     | -311.59      | 2,218.09                | 0.05                    | -0.03                  | -0.04                 |
| 11,752.00             | 89.66           | 357.38      | 9,713.38              | 2,298.04     | -316.04      | 2,311.09                | 0.66                    | -0.60                  | 0.27                  |
| 11,846.00             | 89.92           | 357.37      | 9,713.73              | 2,391.94     | -320.35      | 2,405.09                | 0.28                    | 0.28                   | -0.01                 |
| 11,938.00             | 89.75           | 355.99      | 9,713.99              | 2,483.79     | -325.68      | 2,497.08                | 1.51                    | -0.18                  | -1.50                 |
| 12,031.00             | 89.38           | 355.87      | 9,714.70              | 2,576.55     | -332.28      | 2,590.06                | 0.42                    | -0.40                  | -0.13                 |
| 12,125.00             | 91.04           | 357.22      | 9,714.36              | 2,670.37     | -337.94      | 2,684.05                | 2.28                    | 1.77                   | 1.44                  |
| 12,219.00             | 90.22           | 356.32      | 9,713.32              | 2,764.22     | -343.24      | 2,778.04                | 1.30                    | -0.87                  | -0.96                 |
| 12,313.00             | 90.81           | 359.69      | 9,712.48              | 2,858.14     | -346.51      | 2,872.01                | 3.64                    | 0.63                   | 3.59                  |
| 12,406.00             | 90.59           | 358.08      | 9,711.34              | 2,951.11     | -348.32      | 2,964.96                | 1.75                    | -0.24                  | -1.73                 |
| 12,500.00             | 90.78           | 359.06      | 9,710.22              | 3,045.08     | -350.66      | 3,058.92                | 1.06                    | 0.20                   | 1.04                  |
| 12,592.00             | 91.12           | 359.34      | 9,708.69              | 3,137.05     | -351.95      | 3,150.84                | 0.48                    | 0.37                   | 0.30                  |
| 12,685.00             | 90.39           | 359.85      | 9,707.47              | 3,230.04     | -352.61      | 3,243.75                | 0.96                    | -0.78                  | 0.55                  |
| 12,778.00             | 91.09           | 0.33        | 9,706.27              | 3,323.03     | -352.46      | 3,336.61                | 0.91                    | 0.75                   | 0.52                  |
| 12,871.00             | 91.20           | 0.83        | 9,704.41              | 3,416.01     | -351.52      | 3,429.42                | 0.55                    | 0.12                   | 0.54                  |
| 12,965.00             | 91.91           | 1.11        | 9,701.86              | 3,509.96     | -349.93      | 3,523.17                | 0.81                    | 0.76                   | 0.30                  |
| 13,059.00             | 91.49           | 359.89      | 9,699.07              | 3,603.91     | -349.11      | 3,616.96                | 1.37                    | -0.45                  | -1.30                 |



## Survey Report



|                  |                       |                                     |                                  |
|------------------|-----------------------|-------------------------------------|----------------------------------|
| <b>Company:</b>  | Mewbourne Oil Company | <b>Local Co-ordinate Reference:</b> | Well W1FC State Com #3H          |
| <b>Project:</b>  | Eddy Co., NM (NAD 83) | <b>TVD Reference:</b>               | RKB=28' @ 3062.00usft (Pat. 244) |
| <b>Site:</b>     | Creedence 21/16       | <b>MD Reference:</b>                | RKB=28' @ 3062.00usft (Pat. 244) |
| <b>Well:</b>     | W1FC State Com #3H    | <b>North Reference:</b>             | Grid                             |
| <b>Wellbore:</b> | OH                    | <b>Survey Calculation Method:</b>   | Minimum Curvature                |
| <b>Design:</b>   | OH                    | <b>Database:</b>                    | EDM 5000.1 Single User Db        |

| Survey                |                 |             |                       |              |              |                         |                         |                        |                       |
|-----------------------|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|-------------------------|------------------------|-----------------------|
| Measured Depth (usft) | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Vertical Section (usft) | Dogleg Rate (°/100usft) | Build Rate (°/100usft) | Turn Rate (°/100usft) |
| 13,153.00             | 90.90           | 0.35        | 9,697.11              | 3,697.89     | -348.91      | 3,710.81                | 0.80                    | -0.63                  | 0.49                  |
| 13,246.00             | 90.90           | 1.45        | 9,695.65              | 3,790.87     | -347.45      | 3,803.59                | 1.18                    | 0.00                   | 1.18                  |
| 13,340.00             | 90.81           | 1.26        | 9,694.24              | 3,884.83     | -345.23      | 3,897.32                | 0.22                    | -0.10                  | -0.20                 |
| 13,433.00             | 90.34           | 1.34        | 9,693.31              | 3,977.80     | -343.12      | 3,990.07                | 0.51                    | -0.51                  | 0.09                  |
| 13,526.00             | 89.52           | 359.26      | 9,693.42              | 4,070.80     | -342.63      | 4,082.92                | 2.40                    | -0.88                  | -2.24                 |
| 13,620.00             | 93.14           | 0.46        | 9,691.24              | 4,164.75     | -342.86      | 4,176.77                | 4.06                    | 3.85                   | 1.28                  |
| 13,713.00             | 89.75           | 359.43      | 9,688.90              | 4,257.71     | -342.95      | 4,269.61                | 3.81                    | -3.65                  | -1.11                 |
| 13,807.00             | 89.02           | 0.56        | 9,689.91              | 4,351.70     | -342.96      | 4,363.48                | 1.43                    | -0.78                  | 1.20                  |
| 13,900.00             | 88.99           | 0.12        | 9,691.52              | 4,444.68     | -342.41      | 4,456.32                | 0.47                    | -0.03                  | -0.47                 |
| 13,994.00             | 88.82           | 359.12      | 9,693.32              | 4,538.66     | -343.03      | 4,550.21                | 1.08                    | -0.18                  | -1.06                 |
| 14,088.00             | 90.79           | 0.55        | 9,693.64              | 4,632.66     | -343.30      | 4,644.09                | 2.59                    | 2.10                   | 1.52                  |
| 14,181.00             | 89.69           | 359.19      | 9,693.25              | 4,725.65     | -343.51      | 4,736.98                | 1.88                    | -1.18                  | -1.46                 |
| 14,275.00             | 91.68           | 0.01        | 9,692.12              | 4,819.64     | -344.17      | 4,830.88                | 2.29                    | 2.12                   | 0.87                  |
| 14,369.00             | 89.24           | 0.26        | 9,691.37              | 4,913.63     | -343.95      | 4,924.74                | 2.61                    | -2.60                  | 0.27                  |
| 14,462.00             | 89.30           | 359.71      | 9,692.55              | 5,006.62     | -343.97      | 5,017.61                | 0.59                    | 0.06                   | -0.59                 |
| 14,556.00             | 89.24           | 359.55      | 9,693.75              | 5,100.61     | -344.58      | 5,111.51                | 0.18                    | -0.06                  | -0.17                 |
| 14,650.00             | 90.31           | 359.81      | 9,694.12              | 5,194.61     | -345.10      | 5,205.41                | 1.17                    | 1.14                   | 0.28                  |
| 14,744.00             | 88.35           | 357.29      | 9,695.22              | 5,288.56     | -347.48      | 5,299.36                | 3.40                    | -2.09                  | -2.68                 |
| 14,837.00             | 89.27           | 357.34      | 9,697.15              | 5,381.43     | -351.84      | 5,392.34                | 0.99                    | 0.99                   | 0.05                  |
| 14,931.00             | 89.05           | 357.50      | 9,698.53              | 5,475.33     | -356.07      | 5,486.33                | 0.29                    | -0.23                  | 0.17                  |
| 15,024.00             | 90.87           | 359.51      | 9,698.59              | 5,568.29     | -358.49      | 5,579.29                | 2.92                    | 1.96                   | 2.16                  |
| 15,117.00             | 89.72           | 357.76      | 9,698.12              | 5,661.26     | -360.71      | 5,672.25                | 2.25                    | -1.24                  | -1.88                 |
| 15,209.00             | 92.05           | 358.16      | 9,696.70              | 5,753.18     | -363.98      | 5,764.23                | 2.57                    | 2.53                   | 0.43                  |
| 15,303.00             | 91.15           | 358.32      | 9,694.07              | 5,847.10     | -366.87      | 5,858.17                | 0.97                    | -0.96                  | 0.17                  |
| 15,397.00             | 91.68           | 357.97      | 9,691.75              | 5,941.02     | -369.91      | 5,952.13                | 0.68                    | 0.56                   | -0.37                 |
| 15,490.00             | 92.75           | 357.86      | 9,688.15              | 6,033.89     | -373.29      | 6,045.05                | 1.16                    | 1.15                   | -0.12                 |
| 15,583.00             | 91.06           | 356.94      | 9,685.06              | 6,126.74     | -377.51      | 6,137.99                | 2.07                    | -1.82                  | -0.99                 |
| 15,676.00             | 91.23           | 357.18      | 9,683.21              | 6,219.59     | -382.28      | 6,230.97                | 0.32                    | 0.18                   | 0.26                  |
| 15,769.00             | 90.95           | 357.30      | 9,681.44              | 6,312.47     | -386.76      | 6,323.95                | 0.33                    | -0.30                  | 0.13                  |
| 15,862.00             | 90.25           | 358.77      | 9,680.46              | 6,405.41     | -389.94      | 6,416.93                | 1.75                    | -0.75                  | 1.58                  |
| 15,955.00             | 88.63           | 359.24      | 9,681.37              | 6,498.38     | -391.56      | 6,509.87                | 1.81                    | -1.74                  | 0.51                  |
| 16,049.00             | 89.64           | 359.87      | 9,682.79              | 6,592.37     | -392.29      | 6,603.77                | 1.27                    | 1.07                   | 0.67                  |
| 16,141.00             | 88.79           | 359.22      | 9,684.05              | 6,684.36     | -393.02      | 6,695.68                | 1.16                    | -0.92                  | -0.71                 |
| 16,235.00             | 90.34           | 0.97        | 9,684.76              | 6,778.35     | -392.86      | 6,789.54                | 2.49                    | 1.65                   | 1.86                  |
| 16,328.00             | 88.77           | 359.62      | 9,685.49              | 6,871.34     | -392.39      | 6,882.39                | 2.23                    | -1.69                  | -1.45                 |
| 16,421.00             | 89.22           | 0.79        | 9,687.12              | 6,964.32     | -392.05      | 6,975.24                | 1.35                    | 0.48                   | 1.26                  |
| 16,514.00             | 90.00           | 1.12        | 9,687.75              | 7,057.31     | -390.50      | 7,068.02                | 0.91                    | 0.84                   | 0.35                  |
| 16,607.00             | 88.85           | 359.54      | 9,688.68              | 7,150.29     | -389.97      | 7,160.87                | 2.10                    | -1.24                  | -1.70                 |
| 16,703.00             | 88.52           | 359.61      | 9,690.89              | 7,246.27     | -390.68      | 7,256.75                | 0.35                    | -0.34                  | 0.07                  |
| 16,798.00             | 89.02           | 0.08        | 9,692.93              | 7,341.24     | -390.94      | 7,351.62                | 0.72                    | 0.53                   | 0.49                  |
| 16,890.00             | 90.31           | 1.31        | 9,693.46              | 7,433.23     | -389.82      | 7,443.43                | 1.94                    | 1.40                   | 1.34                  |
| 16,984.00             | 88.68           | 0.39        | 9,694.29              | 7,527.21     | -388.43      | 7,537.23                | 1.99                    | -1.73                  | -0.98                 |
| 17,077.00             | 88.80           | 1.39        | 9,696.34              | 7,620.18     | -386.98      | 7,630.00                | 1.08                    | 0.13                   | 1.08                  |
| 17,172.00             | 91.18           | 4.57        | 9,696.35              | 7,715.03     | -382.04      | 7,724.48                | 4.18                    | 2.51                   | 3.35                  |



## Survey Report



|           |                       |                              |                                  |
|-----------|-----------------------|------------------------------|----------------------------------|
| Company:  | Mewbourne Oil Company | Local Co-ordinate Reference: | Well W1FC State Com #3H          |
| Project:  | Eddy Co., NM (NAD 83) | TVD Reference:               | RKB=28' @ 3062.00usft (Pat. 244) |
| Site:     | Creedence 21/16       | MD Reference:                | RKB=28' @ 3062.00usft (Pat. 244) |
| Well:     | W1FC State Com #3H    | North Reference:             | Grid                             |
| Wellbore: | OH                    | Survey Calculation Method:   | Minimum Curvature                |
| Design:   | OH                    | Database:                    | EDM 5000.1 Single User Db        |

| Survey                      |                    |                |                             |                 |                 |                               |                               |                              |                             |  |
|-----------------------------|--------------------|----------------|-----------------------------|-----------------|-----------------|-------------------------------|-------------------------------|------------------------------|-----------------------------|--|
| Measured<br>Depth<br>(usft) | Inclination<br>(°) | Azimuth<br>(°) | Vertical<br>Depth<br>(usft) | +N/-S<br>(usft) | +E/-W<br>(usft) | Vertical<br>Section<br>(usft) | Dogleg<br>Rate<br>(°/100usft) | Build<br>Rate<br>(°/100usft) | Turn<br>Rate<br>(°/100usft) |  |
| 17,266.00                   | 91.96              | 7.36           | 9,693.78                    | 7,808.48        | -372.28         | 7,817.31                      | 3.08                          | 0.83                         | 2.97                        |  |
| 17,320.00                   | 93.22              | 9.75           | 9,691.34                    | 7,861.82        | -364.26         | 7,870.18                      | 5.00                          | 2.33                         | 4.43                        |  |
| Last MWD Survey @ 17320'    |                    |                |                             |                 |                 |                               |                               |                              |                             |  |
| 17,373.89                   | 93.22              | 9.75           | 9,688.31                    | 7,914.84        | -355.14         | 7,922.68                      | 0.00                          | 0.00                         | 0.00                        |  |
| W1FC #3H PBHL               |                    |                |                             |                 |                 |                               |                               |                              |                             |  |
| 17,390.00                   | 93.22              | 9.75           | 9,687.41                    | 7,930.70        | -352.42         | 7,938.37                      | 0.00                          | 0.00                         | 0.00                        |  |
| PTB @ 17390'                |                    |                |                             |                 |                 |                               |                               |                              |                             |  |

| Design Annotations    |                       |                   |              |                          |  |
|-----------------------|-----------------------|-------------------|--------------|--------------------------|--|
| Measured Depth (usft) | Vertical Depth (usft) | Local Coordinates |              |                          |  |
|                       |                       | +N/-S (usft)      | +E/-W (usft) | Comment                  |  |
| 17,320.00             | 9,691.34              | 7,861.82          | -364.26      | Last MWD Survey @ 17320' |  |
| 17,390.00             | 9,687.41              | 7,930.70          | -352.42      | PTB @ 17390'             |  |

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

|                                                                                                                                                                                                                                                                                                                                                                                           |                                     |                                                                                                                                                                                       |                                                                                                 |                                                                 |                                                              |                                                                        |  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|-----------------------------------------------------------------|--------------------------------------------------------------|------------------------------------------------------------------------|--|
| Submit To Appropriate District Office<br>Two Copies<br>District I<br>1625 N. French Dr., Hobbs, NM 88240<br>District II<br>811 S. First St., Artesia, NM 88210<br>District III<br>1000 Rio Brazos Rd., Aztec, NM 87410<br>District IV<br>1220 S. St. Francis Dr., Santa Fe, NM 87505                                                                                                      |                                     | <b>State of New Mexico</b><br><b>Energy, Minerals and Natural Resources</b><br><br><b>Oil Conservation Division</b><br><b>1220 South St. Francis Dr.</b><br><b>Santa Fe, NM 87505</b> |                                                                                                 |                                                                 | <b>Form C-105</b><br>Revised April 3, 2017                   |                                                                        |  |
| 1. WELL API NO.<br>30-015-46152                                                                                                                                                                                                                                                                                                                                                           |                                     |                                                                                                                                                                                       |                                                                                                 |                                                                 |                                                              |                                                                        |  |
| 2. Type of Lease<br><input checked="" type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/> FED/INDIAN                                                                                                                                                                                                                                                            |                                     |                                                                                                                                                                                       |                                                                                                 |                                                                 |                                                              |                                                                        |  |
| 3. State Oil & Gas Lease No.                                                                                                                                                                                                                                                                                                                                                              |                                     |                                                                                                                                                                                       |                                                                                                 |                                                                 |                                                              |                                                                        |  |
| <b>WELL COMPLETION OR RECOMPLETION REPORT AND LOG</b>                                                                                                                                                                                                                                                                                                                                     |                                     |                                                                                                                                                                                       |                                                                                                 |                                                                 |                                                              |                                                                        |  |
| 4. Reason for filing:<br><br><input checked="" type="checkbox"/> <b>COMPLETION REPORT</b> (Fill in boxes #1 through #31 for State and Fee wells only)<br><br><input type="checkbox"/> <b>C-144 CLOSURE ATTACHMENT</b> (Fill in boxes #1 through #9, #15 Date Rig Released and #32 and/or #33; attach this and the plat to the C-144 closure report in accordance with 19.15.17.13.K NMAC) |                                     |                                                                                                                                                                                       |                                                                                                 |                                                                 |                                                              | 5. Lease Name or Unit Agreement Name<br>Creedence 21/16 W1FC State Com |  |
|                                                                                                                                                                                                                                                                                                                                                                                           |                                     |                                                                                                                                                                                       |                                                                                                 |                                                                 |                                                              | 6. Well Number: 3H                                                     |  |
| 7. Type of Completion:<br><input checked="" type="checkbox"/> NEW WELL <input type="checkbox"/> WORKOVER <input type="checkbox"/> DEEPENING <input type="checkbox"/> PLUGBACK <input type="checkbox"/> DIFFERENT RESERVOIR <input type="checkbox"/> OTHER                                                                                                                                 |                                     |                                                                                                                                                                                       |                                                                                                 |                                                                 |                                                              |                                                                        |  |
| 8. Name of Operator<br>Mewbourne Oil Company                                                                                                                                                                                                                                                                                                                                              |                                     |                                                                                                                                                                                       |                                                                                                 |                                                                 | 9. OGRID 14744                                               |                                                                        |  |
| 10. Address of Operator<br>PO Box 5270<br>Hobbs, NM 88240                                                                                                                                                                                                                                                                                                                                 |                                     |                                                                                                                                                                                       |                                                                                                 |                                                                 | 11. Pool name or Wildcat<br>Purple Sage Wolfcamp (Gas) 98220 |                                                                        |  |
| 12. Location                                                                                                                                                                                                                                                                                                                                                                              | Unit Ltr                            | Section                                                                                                                                                                               | Township                                                                                        | Range                                                           | Lot                                                          | Feet from the                                                          |  |
| Surface:                                                                                                                                                                                                                                                                                                                                                                                  | K                                   | 21                                                                                                                                                                                    | 24S                                                                                             | 28E                                                             |                                                              | 2430                                                                   |  |
| BH:                                                                                                                                                                                                                                                                                                                                                                                       | C                                   | 16                                                                                                                                                                                    | 24S                                                                                             | 28E                                                             |                                                              | 322                                                                    |  |
|                                                                                                                                                                                                                                                                                                                                                                                           |                                     |                                                                                                                                                                                       |                                                                                                 |                                                                 |                                                              |                                                                        |  |
|                                                                                                                                                                                                                                                                                                                                                                                           |                                     |                                                                                                                                                                                       |                                                                                                 |                                                                 |                                                              |                                                                        |  |
| 13. Date Spudded<br>01/23/2020                                                                                                                                                                                                                                                                                                                                                            | 14. Date T.D. Reached<br>02/14/2020 | 15. Date Rig Released<br>02/17/2020                                                                                                                                                   |                                                                                                 | 16. Date Completed (Ready to Produce)<br>12/02/2020             |                                                              | 17. Elevations (DF and RKB, RT, GR, etc.) 3033 GL                      |  |
| 18. Total Measured Depth of Well<br>17390 MD                                                                                                                                                                                                                                                                                                                                              |                                     | 19. Plug Back Measured Depth<br>17335 MD                                                                                                                                              |                                                                                                 | 20. Was Directional Survey Made?<br>Yes                         |                                                              | 21. Type Electric and Other Logs Run<br>GR                             |  |
| 22. Producing Interval(s), of this completion - Top, Bottom, Name<br>10042' - 17327' Wolfcamp                                                                                                                                                                                                                                                                                             |                                     |                                                                                                                                                                                       |                                                                                                 |                                                                 |                                                              |                                                                        |  |
| <b>23. CASING RECORD (Report all strings set in well)</b>                                                                                                                                                                                                                                                                                                                                 |                                     |                                                                                                                                                                                       |                                                                                                 |                                                                 |                                                              |                                                                        |  |
| CASING SIZE                                                                                                                                                                                                                                                                                                                                                                               | WEIGHT LB./FT.                      | DEPTH SET                                                                                                                                                                             | HOLE SIZE                                                                                       | CEMENTING RECORD                                                | AMOUNT PULLED                                                |                                                                        |  |
| 13 3/8"                                                                                                                                                                                                                                                                                                                                                                                   | 54.5                                | 453'                                                                                                                                                                                  | 17 1/2"                                                                                         | 375                                                             | 0                                                            |                                                                        |  |
| 9 5/8"                                                                                                                                                                                                                                                                                                                                                                                    | 40                                  | 3558'                                                                                                                                                                                 | 12 1/4"                                                                                         | 825                                                             | 0                                                            |                                                                        |  |
| 7"                                                                                                                                                                                                                                                                                                                                                                                        | 29                                  | 9690'                                                                                                                                                                                 | 8 3/4"                                                                                          | 675                                                             | EST TOC @ 3258                                               |                                                                        |  |
|                                                                                                                                                                                                                                                                                                                                                                                           |                                     |                                                                                                                                                                                       |                                                                                                 |                                                                 |                                                              |                                                                        |  |
|                                                                                                                                                                                                                                                                                                                                                                                           |                                     |                                                                                                                                                                                       |                                                                                                 |                                                                 |                                                              |                                                                        |  |
| <b>24. LINER RECORD</b>                                                                                                                                                                                                                                                                                                                                                                   |                                     |                                                                                                                                                                                       |                                                                                                 |                                                                 |                                                              |                                                                        |  |
| SIZE                                                                                                                                                                                                                                                                                                                                                                                      | TOP                                 | BOTTOM                                                                                                                                                                                | SACKS CEMENT                                                                                    | SCREEN                                                          | 25. TUBING RECORD                                            |                                                                        |  |
| 4 1/2"                                                                                                                                                                                                                                                                                                                                                                                    | 9017'                               | 17388'                                                                                                                                                                                | 850                                                                                             |                                                                 | SIZE                                                         | DEPTH SET                                                              |  |
|                                                                                                                                                                                                                                                                                                                                                                                           |                                     |                                                                                                                                                                                       |                                                                                                 |                                                                 |                                                              |                                                                        |  |
| 26. Perforation record (interval, size, and number)<br><br>10042' - 17327' (58 stages, 0.39" EHD, 2088 holes)                                                                                                                                                                                                                                                                             |                                     |                                                                                                                                                                                       |                                                                                                 | 27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.                 |                                                              |                                                                        |  |
|                                                                                                                                                                                                                                                                                                                                                                                           |                                     |                                                                                                                                                                                       |                                                                                                 | DEPTH INTERVAL                                                  |                                                              |                                                                        |  |
|                                                                                                                                                                                                                                                                                                                                                                                           |                                     |                                                                                                                                                                                       |                                                                                                 | AMOUNT AND KIND MATERIAL USED                                   |                                                              |                                                                        |  |
|                                                                                                                                                                                                                                                                                                                                                                                           |                                     |                                                                                                                                                                                       |                                                                                                 | 10042' - 17327'                                                 |                                                              |                                                                        |  |
|                                                                                                                                                                                                                                                                                                                                                                                           |                                     |                                                                                                                                                                                       |                                                                                                 | 18,468,156 gals of SW, carrying 18,138,120# local 100 Mesh sand |                                                              |                                                                        |  |
|                                                                                                                                                                                                                                                                                                                                                                                           |                                     |                                                                                                                                                                                       |                                                                                                 |                                                                 |                                                              |                                                                        |  |
|                                                                                                                                                                                                                                                                                                                                                                                           |                                     |                                                                                                                                                                                       |                                                                                                 |                                                                 |                                                              |                                                                        |  |
| <b>28. PRODUCTION</b>                                                                                                                                                                                                                                                                                                                                                                     |                                     |                                                                                                                                                                                       |                                                                                                 |                                                                 |                                                              |                                                                        |  |
| Date First Production<br>12/02/2020                                                                                                                                                                                                                                                                                                                                                       |                                     | Production Method (Flowing, gas lift, pumping - Size and type pump)<br>Flowing                                                                                                        |                                                                                                 |                                                                 | Well Status (Prod. or Shut-in)<br>Producing                  |                                                                        |  |
| Date of Test<br>12/04/2020                                                                                                                                                                                                                                                                                                                                                                | Hours Tested<br>24                  | Choke Size<br>24/64                                                                                                                                                                   | Prod'n For Test Period                                                                          | Oil - Bbl<br>543                                                | Gas - MCF<br>479                                             | Water - Bbl.<br>1488                                                   |  |
| Flow Tubing Press. NA                                                                                                                                                                                                                                                                                                                                                                     | Casing Pressure<br>1300             | Calculated 24-Hour Rate                                                                                                                                                               | Oil - Bbl.<br>543                                                                               | Gas - MCF<br>479                                                | Water - Bbl.<br>1488                                         | Gas - Oil Ratio<br>882                                                 |  |
| 29. Disposition of Gas (Sold, used for fuel, vented, etc.)<br>Sold                                                                                                                                                                                                                                                                                                                        |                                     |                                                                                                                                                                                       |                                                                                                 |                                                                 |                                                              | 30. Test Witnessed By<br>Robin Terrell                                 |  |
| 31. List Attachments<br>C104, Deviation Survey, completion sundry, Directional Survey, Gyro log, Final C-102                                                                                                                                                                                                                                                                              |                                     |                                                                                                                                                                                       |                                                                                                 |                                                                 |                                                              |                                                                        |  |
| 32. If a temporary pit was used at the well, attach a plat with the location of the temporary pit.                                                                                                                                                                                                                                                                                        |                                     |                                                                                                                                                                                       |                                                                                                 |                                                                 |                                                              | 33. Rig Release Date: 02/17/2020                                       |  |
| 34. If an on-site burial was used at the well, report the exact location of the on-site burial:                                                                                                                                                                                                                                                                                           |                                     |                                                                                                                                                                                       |                                                                                                 |                                                                 |                                                              |                                                                        |  |
| Latitude                                                                                                                                                                                                                                                                                                                                                                                  |                                     | Longitude                                                                                                                                                                             |                                                                                                 | NAD83                                                           |                                                              |                                                                        |  |
| I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief                                                                                                                                                                                                                                                        |                                     |                                                                                                                                                                                       |                                                                                                 |                                                                 |                                                              |                                                                        |  |
| Printed Name: Jackie Lathan                                                                                                                                                                                                                                                                                                                                                               |                                     |                                                                                                                                                                                       | Signature:  |                                                                 |                                                              |                                                                        |  |
| Title: Regulatory                                                                                                                                                                                                                                                                                                                                                                         | Date: 12/03/2020                    | E-mail Address: jlathan@mewbourne.com                                                                                                                                                 |                                                                                                 |                                                                 |                                                              |                                                                        |  |

# INSTRUCTIONS

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

## INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

| Southeastern New Mexico |                        | Northwestern New Mexico |                  |
|-------------------------|------------------------|-------------------------|------------------|
| T. Anhy                 | T. Bell Canyon 2575'   | T. Ojo Alamo            | T. Penn A"       |
| T. Salt                 | T. Strawn              | T. Kirtland             | T. Penn. "B"     |
| B. Salt 2243            | T. Atoka               | T. Fruitland            | T. Penn. "C"     |
| T. Yates                | T. Miss                | T. Pictured Cliffs      | T. Penn. "D"     |
| T. 7 Rivers             | T. Devonian            | T. Cliff House          | T. Leadville     |
| T. Queen                | T. Silurian            | T. Menefee              | T. Madison       |
| T. Grayburg             | T. Montoya             | T. Point Lookout        | T. Elbert        |
| T. San Andres           | T. Simpson             | T. Mancos               | T. McCracken     |
| T. Glorieta             | T. McKee               | T. Gallup               | T. Ignacio Otzte |
| T. Paddock              | T. Ellenburger         | Base Greenhorn          | T. Granite       |
| T. Blinebry             | T. Gr. Wash            | T. Dakota               |                  |
| T. Tubb                 | T. Delaware 2538'      | T. Morrison             |                  |
| T. Drinkard             | T. Bone Springs 6164'  | T. Todilto              |                  |
| T. Abo                  | T. Castile 1185'       | T. Entrada              |                  |
| T. Wolfcamp 9405'       | T. Ramsey              | T. Wingate              |                  |
| T. Penn                 | B. Cherry Canyon 3383' | T. Chinle               |                  |
| T. Brushy Canyon 4517'  | T. Manzanita 3537'     | T. Permian              |                  |

## OIL OR GAS SANDS OR ZONES

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

## IMPORTANT WATER SANDS

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

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

## LITHOLOGY RECORD (Attach additional sheet if necessary)

| From | To | Thickness<br>In Feet | Lithology | From | To | Thickness<br>In Feet | Lithology |
|------|----|----------------------|-----------|------|----|----------------------|-----------|
|------|----|----------------------|-----------|------|----|----------------------|-----------|

**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**

CONDITIONS

Action 14191

**CONDITIONS OF APPROVAL**

|              |                  |               |                |        |       |                |       |              |           |
|--------------|------------------|---------------|----------------|--------|-------|----------------|-------|--------------|-----------|
| Operator:    | MEWBOURNE OIL CO | P.O. Box 5270 | Hobbs, NM88241 | OGRID: | 14744 | Action Number: | 14191 | Action Type: | C-104C    |
| OCD Reviewer |                  |               |                |        |       |                |       |              | Condition |
| ksimmons     |                  |               |                |        |       |                |       |              | None      |