

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

State of New Mexico  
 Energy, Minerals and Natural Resources

Form C-103  
 Revised July 18, 2013

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

|                                                                                                     |
|-----------------------------------------------------------------------------------------------------|
| WELL API NO.<br>30-015-49988                                                                        |
| 5. Indicate Type of Lease<br>STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/> |
| 6. State Oil & Gas Lease No.                                                                        |
| 7. Lease Name or Unit Agreement Name<br>Wild Turkey 36/35 B3PM State Com                            |
| 8. Well Number 1H                                                                                   |
| 9. OGRID Number<br>14744                                                                            |
| 10. Pool name or Wildcat<br>TRAVIS; BONE SPRING                                                     |

|                                                                                                                                                                                                                        |  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| <b>SUNDRY NOTICES AND REPORTS ON WELLS</b><br>(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)          |  |
| 1. Type of Well: Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>                                                                                         |  |
| 2. Name of Operator<br>Mewbourne Oil Company                                                                                                                                                                           |  |
| 3. Address of Operator<br>PO Box 5270 Hobbs, NM 88240                                                                                                                                                                  |  |
| 4. Well Location<br>Unit Letter <u>I</u> : <u>1440</u> feet from the <u>South</u> line and <u>290</u> feet from the <u>East</u> line<br>Section <u>36</u> Township <u>18S</u> Range <u>28E</u> NMPM County <u>Eddy</u> |  |
| 11. Elevation (Show whether DR, RKB, RT, GR, etc.)<br>3394' GL                                                                                                                                                         |  |

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

| NOTICE OF INTENTION TO:                        |                                           | SUBSEQUENT REPORT OF:                            |                                          |
|------------------------------------------------|-------------------------------------------|--------------------------------------------------|------------------------------------------|
| PERFORM REMEDIAL WORK <input type="checkbox"/> | PLUG AND ABANDON <input type="checkbox"/> | REMEDIAL WORK <input type="checkbox"/>           | ALTERING CASING <input type="checkbox"/> |
| TEMPORARILY ABANDON <input type="checkbox"/>   | CHANGE PLANS <input type="checkbox"/>     | COMMENCE DRILLING OPNS. <input type="checkbox"/> | P AND A <input type="checkbox"/>         |
| PULL OR ALTER CASING <input type="checkbox"/>  | MULTIPLE COMPL <input type="checkbox"/>   | CASING/CEMENT JOB <input type="checkbox"/>       |                                          |
| DOWNHOLE COMMINGLE <input type="checkbox"/>    |                                           |                                                  |                                          |
| CLOSED-LOOP SYSTEM <input type="checkbox"/>    |                                           |                                                  |                                          |
| OTHER: <input checked="" type="checkbox"/>     |                                           | OTHER: <input type="checkbox"/>                  |                                          |

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

Mewbourne Oil Company has an approved APD for the above well and requests to make the following changes:

1. Move SHL from 1440 FSL & 290 FEL (Sec 36, T18S, R28E) to 1260 FSL & 290 FEL (Sec 36, T18S, R28E). See attachments for updated C-102 plat corresponding to SHL change.

Spud Date:

3/5/2023

Rig Release Date:

3/29/2023

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

SIGNATURE Josh Wagner TITLE Engineer DATE 2/3/2023

Type or print name Josh Wagner E-mail address: jwagner@mewbourne.com PHONE: 575-964-5162

**For State Use Only**

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

Conditions of Approval (if any):

District I  
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District IV  
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Phone: (505) 476-3460 Fax: (505) 476-3462

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

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

|                                                |                                                                       |                                                      |
|------------------------------------------------|-----------------------------------------------------------------------|------------------------------------------------------|
| <sup>1</sup> API Number<br><b>30-015-49988</b> | <sup>2</sup> Pool Code<br><b>97257</b>                                | <sup>3</sup> Pool Name<br><b>TRAVIS; BONE SPRING</b> |
| <sup>4</sup> Property Code<br><b>333286</b>    | <sup>5</sup> Property Name<br><b>WILD TURKEY 36/35 B3PM STATE COM</b> | <sup>6</sup> Well Number<br><b>1H</b>                |
| <sup>7</sup> OGRID NO.<br><b>14744</b>         | <sup>8</sup> Operator Name<br><b>MEWBOURNE OIL COMPANY</b>            | <sup>9</sup> Elevation<br><b>3394'</b>               |

<sup>10</sup> Surface Location

| UL or lot no. | Section   | Township   | Range      | Lot Idn | Feet from the | North/South line | Feet From the | East/West line | County      |
|---------------|-----------|------------|------------|---------|---------------|------------------|---------------|----------------|-------------|
| <b>P</b>      | <b>36</b> | <b>18S</b> | <b>28E</b> |         | <b>1260</b>   | <b>SOUTH</b>     | <b>290</b>    | <b>EAST</b>    | <b>EDDY</b> |

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

| UL or lot no. | Section   | Township   | Range      | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County      |
|---------------|-----------|------------|------------|---------|---------------|------------------|---------------|----------------|-------------|
| <b>M</b>      | <b>35</b> | <b>18S</b> | <b>28E</b> |         | <b>660</b>    | <b>SOUTH</b>     | <b>100</b>    | <b>WEST</b>    | <b>EDDY</b> |

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

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

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p><sup>16</sup></p> <p><b>CORNER DATA</b><br/>NAD 83 GRID - NM EAST</p> <p><b>GEODETIC DATA</b><br/>NAD 83 GRID - NM EAST</p> <p><b>SURFACE LOCATION</b><br/>N: 618773.1 - E: 606088.0<br/>LAT: 32.7008727° N<br/>LON: 104.1228360° W</p> <p><b>BOTTOM HOLE</b><br/>N: 618045.1 - E: 596124.8<br/>LAT: 32.6989220° N<br/>LONG: 104.1552290° W</p> <p>A: FOUND BRASS CAP "1914"<br/>N 617384.0 - E 596024.3</p> <p>B: FOUND BRASS CAP "1941"<br/>N 620031.3 - E 596026.7</p> <p>C: FOUND BRASS CAP "1941"<br/>N 622680.8 - E 596034.8</p> <p>D: FOUND BRASS CAP "1941"<br/>N 622712.4 - E 598636.8</p> <p>E: FOUND BRASS CAP "1941"<br/>N 622744.4 - E 601240.5</p> <p>F: FOUND BRASS CAP "1941"<br/>N 622781.8 - E 603812.6</p> <p>G: FOUND BRASS CAP "1914"<br/>N 622819.0 - E 606385.0</p> <p>H: FOUND BRASS CAP "1914"<br/>N 620167.8 - E 606377.7</p> <p>I: FOUND BRASS CAP "1914"<br/>N 617517.3 - E 606378.0</p> <p>J: FOUND BRASS CAP "1914"<br/>N 617483.0 - E 603789.7</p> <p>K: FOUND BRASS CAP "1914"<br/>N 617450.3 - E 601201.0</p> <p>L: FOUND BRASS CAP "1914"<br/>N 617416.7 - E 598612.6</p> <p>M: FOUND BRASS CAP "1941"<br/>N 620098.2 - E 601255.8</p> <p>Project Area<br/>Production Area</p> <p>B.H.</p> <p>100'</p> <p>660'</p> <p>290'</p> <p>S.L.</p> <p>260'</p> <p>11/01/2021</p> <p>19680</p> <p>REV: SL MOVE 09/06/22</p> <p>Job No.: LS21101133R2</p> | <p><b><sup>17</sup> OPERATOR CERTIFICATION</b></p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</p> <p><i>Josh Wagner</i> 2/3/2023<br/>Signature Date</p> <p>Josh Wagner<br/>Printed Name</p> <p>jwagner@mewbourne.com<br/>E-mail Address</p> <p><b><sup>18</sup> SURVEYOR CERTIFICATION</b></p> <p>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</p> <p>11/01/2021<br/>Date of Survey</p> <p>Signature and Seal of Professional Surveyor</p> <p>19680<br/>Certificate Number</p> <p>19680<br/>REV: SL MOVE 09/06/22</p> <p>Job No.: LS21101133R2</p> |
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# **Mewbourne Oil Company**

**Eddy County, New Mexico NAD 83**

**Wild Turkey 36/35 B3PM State Com #1H**

**Sec 36, T18S, R28E**

**SHL: 1260' FSL & 290' FEL (Sec 36)**

**BHL: 660' FSL & 100' FWL (Sec 35)**

**Plan: Design #1**

## **Standard Planning Report**

**16 September, 2022**

## Planning Report

|                  |                                      |                                     |                                           |
|------------------|--------------------------------------|-------------------------------------|-------------------------------------------|
| <b>Database:</b> | Hobbs                                | <b>Local Co-ordinate Reference:</b> | Site Wild Turkey 36/35 B3PM State Com #1H |
| <b>Company:</b>  | Mewbourne Oil Company                | <b>TVD Reference:</b>               | WELL @ 3422.0usft (Original Well Elev)    |
| <b>Project:</b>  | Eddy County, New Mexico NAD 83       | <b>MD Reference:</b>                | WELL @ 3422.0usft (Original Well Elev)    |
| <b>Site:</b>     | Wild Turkey 36/35 B3PM State Com #1H | <b>North Reference:</b>             | Grid                                      |
| <b>Well:</b>     | Sec 36, T18S, R28E                   | <b>Survey Calculation Method:</b>   | Minimum Curvature                         |
| <b>Wellbore:</b> | BHL: 660' FSL & 100' FWL (Sec 35)    |                                     |                                           |
| <b>Design:</b>   | Design #1                            |                                     |                                           |

|                    |                                |                      |              |
|--------------------|--------------------------------|----------------------|--------------|
| <b>Project</b>     | Eddy County, New Mexico NAD 83 |                      |              |
| <b>Map System:</b> | US State Plane 1983            | <b>System Datum:</b> | Ground Level |
| <b>Geo Datum:</b>  | North American Datum 1983      |                      |              |
| <b>Map Zone:</b>   | New Mexico Eastern Zone        |                      |              |

|                       |                                      |              |                 |            |              |
|-----------------------|--------------------------------------|--------------|-----------------|------------|--------------|
| Site                  | Wild Turkey 36/35 B3PM State Com #1H |              |                 |            |              |
| Site Position:        |                                      | Northing:    | 618,773.10 usft | Latitude:  | 32.7008728   |
| From:                 | Map                                  | Easting:     | 606,088.00 usft | Longitude: | -104.1228359 |
| Position Uncertainty: | 0.0 usft                             | Slot Radius: | 13-3/16 "       |            |              |

| Well                 | Sec 36, T18S, R28E |          |                     |                 |               |              |
|----------------------|--------------------|----------|---------------------|-----------------|---------------|--------------|
| Well Position        | +N/-S              | 0.0 usft | Northing:           | 618,773.10 usft | Latitude:     | 32.7008728   |
|                      | +E/-W              | 0.0 usft | Easting:            | 606,088.00 usft | Longitude:    | -104.1228359 |
| Position Uncertainty |                    | 0.0 usft | Wellhead Elevation: | 3,422.0 usft    | Ground Level: | 3,394.0 usft |
| Grid Convergence:    |                    | 0.11 °   |                     |                 |               |              |

|                  |                                   |                    |                            |                          |                                |
|------------------|-----------------------------------|--------------------|----------------------------|--------------------------|--------------------------------|
| <b>Wellbore</b>  | BHL: 660' FSL & 100' FWL (Sec 35) |                    |                            |                          |                                |
| <b>Magnetics</b> | <b>Model Name</b>                 | <b>Sample Date</b> | <b>Declination<br/>(°)</b> | <b>Dip Angle<br/>(°)</b> | <b>Field Strength<br/>(nT)</b> |
|                  | IGRF2010                          | 12/31/2014         | 7.44                       | 60.45                    | 48,463.34218355                |

|                          |                                    |                         |                         |                          |     |
|--------------------------|------------------------------------|-------------------------|-------------------------|--------------------------|-----|
| <b>Design</b>            | Design #1                          |                         |                         |                          |     |
| <b>Audit Notes:</b>      |                                    |                         |                         |                          |     |
| <b>Version:</b>          |                                    | <b>Phase:</b>           | PROTOTYPE               | <b>Tie On Depth:</b>     | 0.0 |
| <b>Vertical Section:</b> | <b>Depth From (TVD)<br/>(usft)</b> | <b>+N/-S<br/>(usft)</b> | <b>+E/-W<br/>(usft)</b> | <b>Direction<br/>(°)</b> |     |
|                          | 0.0                                | 0.0                     | 0.0                     | 265.82                   |     |

|                                 |                            |                          |                                  |                |  |
|---------------------------------|----------------------------|--------------------------|----------------------------------|----------------|--|
| <b>Plan Survey Tool Program</b> | <b>Date</b>                | 9/16/2022                |                                  |                |  |
| <b>Depth From<br/>(usft)</b>    | <b>Depth To<br/>(usft)</b> | <b>Survey (Wellbore)</b> | <b>Tool Name</b>                 | <b>Remarks</b> |  |
| 1                               | 0.0                        | 18,502.5                 | Design #1 (BHL: 660' FSL & 100') |                |  |

|                                      |                            |                        |                                      |                         |                         |                                        |                                       |                                      |                    |                       |
|--------------------------------------|----------------------------|------------------------|--------------------------------------|-------------------------|-------------------------|----------------------------------------|---------------------------------------|--------------------------------------|--------------------|-----------------------|
| <b>Plan Sections</b>                 |                            |                        |                                      |                         |                         |                                        |                                       |                                      |                    |                       |
| <b>Measured<br/>Depth<br/>(usft)</b> | <b>Inclination<br/>(°)</b> | <b>Azimuth<br/>(°)</b> | <b>Vertical<br/>Depth<br/>(usft)</b> | <b>+N/-S<br/>(usft)</b> | <b>+E/-W<br/>(usft)</b> | <b>Dogleg<br/>Rate<br/>(°/100usft)</b> | <b>Build<br/>Rate<br/>(°/100usft)</b> | <b>Turn<br/>Rate<br/>(°/100usft)</b> | <b>TFO<br/>(°)</b> | <b>Target</b>         |
| 0.0                                  | 0.00                       | 0.00                   | 0.0                                  | 0.0                     | 0.0                     | 0.00                                   | 0.00                                  | 0.00                                 | 0.00               |                       |
| 500.0                                | 0.00                       | 0.00                   | 500.0                                | 0.0                     | 0.0                     | 0.00                                   | 0.00                                  | 0.00                                 | 0.00               |                       |
| 763.5                                | 5.27                       | 154.84                 | 763.1                                | -11.0                   | 5.1                     | 2.00                                   | 2.00                                  | 0.00                                 | 154.84             |                       |
| 7,667.5                              | 5.27                       | 154.84                 | 7,637.9                              | -584.9                  | 274.8                   | 0.00                                   | 0.00                                  | 0.00                                 | 0.00               |                       |
| 7,931.0                              | 0.00                       | 0.00                   | 7,901.0                              | -595.9                  | 279.9                   | 2.00                                   | -2.00                                 | 0.00                                 | 180.00             | KOP: 660' FSL & 10' I |
| 8,836.9                              | 90.59                      | 269.26                 | 8,474.0                              | -603.3                  | -298.9                  | 10.00                                  | 10.00                                 | 0.00                                 | -90.74             |                       |
| 18,502.5                             | 90.59                      | 269.26                 | 8,375.0                              | -728.0                  | -9,963.2                | 0.00                                   | 0.00                                  | 0.00                                 | 0.00               | BHL: 660' FSL & 100'  |

## Planning Report

|                  |                                      |                                     |                                           |
|------------------|--------------------------------------|-------------------------------------|-------------------------------------------|
| <b>Database:</b> | Hobbs                                | <b>Local Co-ordinate Reference:</b> | Site Wild Turkey 36/35 B3PM State Com #1H |
| <b>Company:</b>  | Mewbourne Oil Company                | <b>TVD Reference:</b>               | WELL @ 3422.0usft (Original Well Elev)    |
| <b>Project:</b>  | Eddy County, New Mexico NAD 83       | <b>MD Reference:</b>                | WELL @ 3422.0usft (Original Well Elev)    |
| <b>Site:</b>     | Wild Turkey 36/35 B3PM State Com #1H | <b>North Reference:</b>             | Grid                                      |
| <b>Well:</b>     | Sec 36, T18S, R28E                   | <b>Survey Calculation Method:</b>   | Minimum Curvature                         |
| <b>Wellbore:</b> | BHL: 660' FSL & 100' FWL (Sec 35)    |                                     |                                           |
| <b>Design:</b>   | Design #1                            |                                     |                                           |

| Planned Survey                     |                 |             |                       |              |              |                         |                         |                        |                       |
|------------------------------------|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|-------------------------|------------------------|-----------------------|
| Measured Depth (usft)              | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Vertical Section (usft) | Dogleg Rate (°/100usft) | Build Rate (°/100usft) | Turn Rate (°/100usft) |
| 0.0                                | 0.00            | 0.00        | 0.0                   | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| SHL: 1260' FSL & 290' FEL (Sec 36) |                 |             |                       |              |              |                         |                         |                        |                       |
| 100.0                              | 0.00            | 0.00        | 100.0                 | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 200.0                              | 0.00            | 0.00        | 200.0                 | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 300.0                              | 0.00            | 0.00        | 300.0                 | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 400.0                              | 0.00            | 0.00        | 400.0                 | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 500.0                              | 0.00            | 0.00        | 500.0                 | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 600.0                              | 2.00            | 154.84      | 600.0                 | -1.6         | 0.7          | -0.6                    | 2.00                    | 2.00                   | 0.00                  |
| 700.0                              | 4.00            | 154.84      | 699.8                 | -6.3         | 3.0          | -2.5                    | 2.00                    | 2.00                   | 0.00                  |
| 763.5                              | 5.27            | 154.84      | 763.1                 | -11.0        | 5.1          | -4.3                    | 2.00                    | 2.00                   | 0.00                  |
| 800.0                              | 5.27            | 154.84      | 799.5                 | -14.0        | 6.6          | -5.5                    | 0.00                    | 0.00                   | 0.00                  |
| 900.0                              | 5.27            | 154.84      | 899.1                 | -22.3        | 10.5         | -8.8                    | 0.00                    | 0.00                   | 0.00                  |
| 1,000.0                            | 5.27            | 154.84      | 998.6                 | -30.6        | 14.4         | -12.1                   | 0.00                    | 0.00                   | 0.00                  |
| 1,100.0                            | 5.27            | 154.84      | 1,098.2               | -38.9        | 18.3         | -15.4                   | 0.00                    | 0.00                   | 0.00                  |
| 1,200.0                            | 5.27            | 154.84      | 1,197.8               | -47.2        | 22.2         | -18.7                   | 0.00                    | 0.00                   | 0.00                  |
| 1,300.0                            | 5.27            | 154.84      | 1,297.4               | -55.6        | 26.1         | -22.0                   | 0.00                    | 0.00                   | 0.00                  |
| 1,400.0                            | 5.27            | 154.84      | 1,396.9               | -63.9        | 30.0         | -25.3                   | 0.00                    | 0.00                   | 0.00                  |
| 1,500.0                            | 5.27            | 154.84      | 1,496.5               | -72.2        | 33.9         | -28.6                   | 0.00                    | 0.00                   | 0.00                  |
| 1,600.0                            | 5.27            | 154.84      | 1,596.1               | -80.5        | 37.8         | -31.9                   | 0.00                    | 0.00                   | 0.00                  |
| 1,700.0                            | 5.27            | 154.84      | 1,695.7               | -88.8        | 41.7         | -35.1                   | 0.00                    | 0.00                   | 0.00                  |
| 1,800.0                            | 5.27            | 154.84      | 1,795.2               | -97.1        | 45.6         | -38.4                   | 0.00                    | 0.00                   | 0.00                  |
| 1,900.0                            | 5.27            | 154.84      | 1,894.8               | -105.4       | 49.5         | -41.7                   | 0.00                    | 0.00                   | 0.00                  |
| 2,000.0                            | 5.27            | 154.84      | 1,994.4               | -113.8       | 53.4         | -45.0                   | 0.00                    | 0.00                   | 0.00                  |
| 2,100.0                            | 5.27            | 154.84      | 2,094.0               | -122.1       | 57.3         | -48.3                   | 0.00                    | 0.00                   | 0.00                  |
| 2,200.0                            | 5.27            | 154.84      | 2,193.6               | -130.4       | 61.2         | -51.6                   | 0.00                    | 0.00                   | 0.00                  |
| 2,300.0                            | 5.27            | 154.84      | 2,293.1               | -138.7       | 65.2         | -54.9                   | 0.00                    | 0.00                   | 0.00                  |
| 2,400.0                            | 5.27            | 154.84      | 2,392.7               | -147.0       | 69.1         | -58.2                   | 0.00                    | 0.00                   | 0.00                  |
| 2,500.0                            | 5.27            | 154.84      | 2,492.3               | -155.3       | 73.0         | -61.5                   | 0.00                    | 0.00                   | 0.00                  |
| 2,600.0                            | 5.27            | 154.84      | 2,591.9               | -163.6       | 76.9         | -64.7                   | 0.00                    | 0.00                   | 0.00                  |
| 2,700.0                            | 5.27            | 154.84      | 2,691.4               | -171.9       | 80.8         | -68.0                   | 0.00                    | 0.00                   | 0.00                  |
| 2,800.0                            | 5.27            | 154.84      | 2,791.0               | -180.3       | 84.7         | -71.3                   | 0.00                    | 0.00                   | 0.00                  |
| 2,900.0                            | 5.27            | 154.84      | 2,890.6               | -188.6       | 88.6         | -74.6                   | 0.00                    | 0.00                   | 0.00                  |
| 3,000.0                            | 5.27            | 154.84      | 2,990.2               | -196.9       | 92.5         | -77.9                   | 0.00                    | 0.00                   | 0.00                  |
| 3,100.0                            | 5.27            | 154.84      | 3,089.8               | -205.2       | 96.4         | -81.2                   | 0.00                    | 0.00                   | 0.00                  |
| 3,200.0                            | 5.27            | 154.84      | 3,189.3               | -213.5       | 100.3        | -84.5                   | 0.00                    | 0.00                   | 0.00                  |
| 3,300.0                            | 5.27            | 154.84      | 3,288.9               | -221.8       | 104.2        | -87.8                   | 0.00                    | 0.00                   | 0.00                  |
| 3,400.0                            | 5.27            | 154.84      | 3,388.5               | -230.1       | 108.1        | -91.1                   | 0.00                    | 0.00                   | 0.00                  |
| 3,500.0                            | 5.27            | 154.84      | 3,488.1               | -238.5       | 112.0        | -94.3                   | 0.00                    | 0.00                   | 0.00                  |
| 3,600.0                            | 5.27            | 154.84      | 3,587.6               | -246.8       | 115.9        | -97.6                   | 0.00                    | 0.00                   | 0.00                  |
| 3,700.0                            | 5.27            | 154.84      | 3,687.2               | -255.1       | 119.8        | -100.9                  | 0.00                    | 0.00                   | 0.00                  |
| 3,800.0                            | 5.27            | 154.84      | 3,786.8               | -263.4       | 123.7        | -104.2                  | 0.00                    | 0.00                   | 0.00                  |
| 3,900.0                            | 5.27            | 154.84      | 3,886.4               | -271.7       | 127.6        | -107.5                  | 0.00                    | 0.00                   | 0.00                  |
| 4,000.0                            | 5.27            | 154.84      | 3,985.9               | -280.0       | 131.5        | -110.8                  | 0.00                    | 0.00                   | 0.00                  |
| 4,100.0                            | 5.27            | 154.84      | 4,085.5               | -288.3       | 135.5        | -114.1                  | 0.00                    | 0.00                   | 0.00                  |
| 4,200.0                            | 5.27            | 154.84      | 4,185.1               | -296.7       | 139.4        | -117.4                  | 0.00                    | 0.00                   | 0.00                  |
| 4,300.0                            | 5.27            | 154.84      | 4,284.7               | -305.0       | 143.3        | -120.7                  | 0.00                    | 0.00                   | 0.00                  |
| 4,400.0                            | 5.27            | 154.84      | 4,384.3               | -313.3       | 147.2        | -123.9                  | 0.00                    | 0.00                   | 0.00                  |
| 4,500.0                            | 5.27            | 154.84      | 4,483.8               | -321.6       | 151.1        | -127.2                  | 0.00                    | 0.00                   | 0.00                  |
| 4,600.0                            | 5.27            | 154.84      | 4,583.4               | -329.9       | 155.0        | -130.5                  | 0.00                    | 0.00                   | 0.00                  |
| 4,700.0                            | 5.27            | 154.84      | 4,683.0               | -338.2       | 158.9        | -133.8                  | 0.00                    | 0.00                   | 0.00                  |
| 4,800.0                            | 5.27            | 154.84      | 4,782.6               | -346.5       | 162.8        | -137.1                  | 0.00                    | 0.00                   | 0.00                  |
| 4,900.0                            | 5.27            | 154.84      | 4,882.1               | -354.8       | 166.7        | -140.4                  | 0.00                    | 0.00                   | 0.00                  |
| 5,000.0                            | 5.27            | 154.84      | 4,981.7               | -363.2       | 170.6        | -143.7                  | 0.00                    | 0.00                   | 0.00                  |
| 5,100.0                            | 5.27            | 154.84      | 5,081.3               | -371.5       | 174.5        | -147.0                  | 0.00                    | 0.00                   | 0.00                  |

## Planning Report

|                  |                                      |                                     |                                           |
|------------------|--------------------------------------|-------------------------------------|-------------------------------------------|
| <b>Database:</b> | Hobbs                                | <b>Local Co-ordinate Reference:</b> | Site Wild Turkey 36/35 B3PM State Com #1H |
| <b>Company:</b>  | Mewbourne Oil Company                | <b>TVD Reference:</b>               | WELL @ 3422.0usft (Original Well Elev)    |
| <b>Project:</b>  | Eddy County, New Mexico NAD 83       | <b>MD Reference:</b>                | WELL @ 3422.0usft (Original Well Elev)    |
| <b>Site:</b>     | Wild Turkey 36/35 B3PM State Com #1H | <b>North Reference:</b>             | Grid                                      |
| <b>Well:</b>     | Sec 36, T18S, R28E                   | <b>Survey Calculation Method:</b>   | Minimum Curvature                         |
| <b>Wellbore:</b> | BHL: 660' FSL & 100' FWL (Sec 35)    |                                     |                                           |
| <b>Design:</b>   | Design #1                            |                                     |                                           |

| Planned Survey                               |                 |             |                       |              |              |                         |                         |                        |                       |
|----------------------------------------------|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|-------------------------|------------------------|-----------------------|
| Measured Depth (usft)                        | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Vertical Section (usft) | Dogleg Rate (°/100usft) | Build Rate (°/100usft) | Turn Rate (°/100usft) |
| 5,200.0                                      | 5.27            | 154.84      | 5,180.9               | -379.8       | 178.4        | -150.3                  | 0.00                    | 0.00                   | 0.00                  |
| 5,300.0                                      | 5.27            | 154.84      | 5,280.5               | -388.1       | 182.3        | -153.6                  | 0.00                    | 0.00                   | 0.00                  |
| 5,400.0                                      | 5.27            | 154.84      | 5,380.0               | -396.4       | 186.2        | -156.8                  | 0.00                    | 0.00                   | 0.00                  |
| 5,500.0                                      | 5.27            | 154.84      | 5,479.6               | -404.7       | 190.1        | -160.1                  | 0.00                    | 0.00                   | 0.00                  |
| 5,600.0                                      | 5.27            | 154.84      | 5,579.2               | -413.0       | 194.0        | -163.4                  | 0.00                    | 0.00                   | 0.00                  |
| 5,700.0                                      | 5.27            | 154.84      | 5,678.8               | -421.4       | 197.9        | -166.7                  | 0.00                    | 0.00                   | 0.00                  |
| 5,800.0                                      | 5.27            | 154.84      | 5,778.3               | -429.7       | 201.8        | -170.0                  | 0.00                    | 0.00                   | 0.00                  |
| 5,900.0                                      | 5.27            | 154.84      | 5,877.9               | -438.0       | 205.7        | -173.3                  | 0.00                    | 0.00                   | 0.00                  |
| 6,000.0                                      | 5.27            | 154.84      | 5,977.5               | -446.3       | 209.7        | -176.6                  | 0.00                    | 0.00                   | 0.00                  |
| 6,100.0                                      | 5.27            | 154.84      | 6,077.1               | -454.6       | 213.6        | -179.9                  | 0.00                    | 0.00                   | 0.00                  |
| 6,200.0                                      | 5.27            | 154.84      | 6,176.6               | -462.9       | 217.5        | -183.2                  | 0.00                    | 0.00                   | 0.00                  |
| 6,300.0                                      | 5.27            | 154.84      | 6,276.2               | -471.2       | 221.4        | -186.4                  | 0.00                    | 0.00                   | 0.00                  |
| 6,400.0                                      | 5.27            | 154.84      | 6,375.8               | -479.5       | 225.3        | -189.7                  | 0.00                    | 0.00                   | 0.00                  |
| 6,500.0                                      | 5.27            | 154.84      | 6,475.4               | -487.9       | 229.2        | -193.0                  | 0.00                    | 0.00                   | 0.00                  |
| 6,600.0                                      | 5.27            | 154.84      | 6,575.0               | -496.2       | 233.1        | -196.3                  | 0.00                    | 0.00                   | 0.00                  |
| 6,700.0                                      | 5.27            | 154.84      | 6,674.5               | -504.5       | 237.0        | -199.6                  | 0.00                    | 0.00                   | 0.00                  |
| 6,800.0                                      | 5.27            | 154.84      | 6,774.1               | -512.8       | 240.9        | -202.9                  | 0.00                    | 0.00                   | 0.00                  |
| 6,900.0                                      | 5.27            | 154.84      | 6,873.7               | -521.1       | 244.8        | -206.2                  | 0.00                    | 0.00                   | 0.00                  |
| 7,000.0                                      | 5.27            | 154.84      | 6,973.3               | -529.4       | 248.7        | -209.5                  | 0.00                    | 0.00                   | 0.00                  |
| 7,100.0                                      | 5.27            | 154.84      | 7,072.8               | -537.7       | 252.6        | -212.8                  | 0.00                    | 0.00                   | 0.00                  |
| 7,200.0                                      | 5.27            | 154.84      | 7,172.4               | -546.1       | 256.5        | -216.0                  | 0.00                    | 0.00                   | 0.00                  |
| 7,300.0                                      | 5.27            | 154.84      | 7,272.0               | -554.4       | 260.4        | -219.3                  | 0.00                    | 0.00                   | 0.00                  |
| 7,400.0                                      | 5.27            | 154.84      | 7,371.6               | -562.7       | 264.3        | -222.6                  | 0.00                    | 0.00                   | 0.00                  |
| 7,500.0                                      | 5.27            | 154.84      | 7,471.2               | -571.0       | 268.2        | -225.9                  | 0.00                    | 0.00                   | 0.00                  |
| 7,600.0                                      | 5.27            | 154.84      | 7,570.7               | -579.3       | 272.1        | -229.2                  | 0.00                    | 0.00                   | 0.00                  |
| 7,667.5                                      | 5.27            | 154.84      | 7,637.9               | -584.9       | 274.8        | -231.4                  | 0.00                    | 0.00                   | 0.00                  |
| 7,700.0                                      | 4.62            | 154.84      | 7,670.3               | -587.5       | 276.0        | -232.4                  | 2.00                    | -2.00                  | 0.00                  |
| 7,800.0                                      | 2.62            | 154.84      | 7,770.1               | -593.2       | 278.7        | -234.7                  | 2.00                    | -2.00                  | 0.00                  |
| 7,900.0                                      | 0.62            | 154.84      | 7,870.1               | -595.7       | 279.9        | -235.7                  | 2.00                    | -2.00                  | 0.00                  |
| 7,931.0                                      | 0.00            | 0.00        | 7,901.0               | -595.9       | 279.9        | -235.8                  | 2.00                    | -2.00                  | 0.00                  |
| <b>KOP: 660' FSL &amp; 10' FEL (Sec 36)</b>  |                 |             |                       |              |              |                         |                         |                        |                       |
| 7,950.0                                      | 1.90            | 269.26      | 7,920.1               | -595.9       | 279.6        | -235.4                  | 10.00                   | 10.00                  | 0.00                  |
| 8,000.0                                      | 6.90            | 269.26      | 7,969.9               | -595.9       | 275.8        | -231.6                  | 10.00                   | 10.00                  | 0.00                  |
| 8,050.0                                      | 11.90           | 269.26      | 8,019.2               | -596.0       | 267.6        | -223.5                  | 10.00                   | 10.00                  | 0.00                  |
| 8,100.0                                      | 16.90           | 269.26      | 8,067.6               | -596.2       | 255.2        | -211.0                  | 10.00                   | 10.00                  | 0.00                  |
| 8,150.0                                      | 21.90           | 269.26      | 8,114.8               | -596.4       | 238.6        | -194.5                  | 10.00                   | 10.00                  | 0.00                  |
| 8,200.0                                      | 26.90           | 269.26      | 8,160.3               | -596.7       | 217.9        | -173.9                  | 10.00                   | 10.00                  | 0.00                  |
| 8,250.0                                      | 31.90           | 269.26      | 8,203.8               | -597.0       | 193.4        | -149.4                  | 10.00                   | 10.00                  | 0.00                  |
| 8,256.4                                      | 32.54           | 269.26      | 8,209.2               | -597.0       | 190.0        | -146.0                  | 10.00                   | 10.00                  | 0.00                  |
| <b>FTP: 660' FSL &amp; 100' FEL (Sec 36)</b> |                 |             |                       |              |              |                         |                         |                        |                       |
| 8,300.0                                      | 36.90           | 269.26      | 8,245.1               | -597.4       | 165.1        | -121.2                  | 10.00                   | 10.00                  | 0.00                  |
| 8,350.0                                      | 41.90           | 269.26      | 8,283.7               | -597.8       | 133.4        | -89.5                   | 10.00                   | 10.00                  | 0.00                  |
| 8,400.0                                      | 46.90           | 269.26      | 8,319.4               | -598.2       | 98.5         | -54.6                   | 10.00                   | 10.00                  | 0.00                  |
| 8,450.0                                      | 51.90           | 269.26      | 8,351.9               | -598.7       | 60.5         | -16.7                   | 10.00                   | 10.00                  | 0.00                  |
| 8,500.0                                      | 56.90           | 269.26      | 8,381.0               | -599.2       | 19.9         | 23.9                    | 10.00                   | 10.00                  | 0.00                  |
| 8,550.0                                      | 61.90           | 269.26      | 8,406.5               | -599.8       | -23.2        | 66.8                    | 10.00                   | 10.00                  | 0.00                  |
| 8,600.0                                      | 66.90           | 269.26      | 8,428.1               | -600.4       | -68.2        | 111.8                   | 10.00                   | 10.00                  | 0.00                  |
| 8,650.0                                      | 71.90           | 269.26      | 8,445.7               | -601.0       | -115.0       | 158.5                   | 10.00                   | 10.00                  | 0.00                  |
| 8,700.0                                      | 76.90           | 269.26      | 8,459.1               | -601.6       | -163.1       | 206.6                   | 10.00                   | 10.00                  | 0.00                  |
| 8,750.0                                      | 81.90           | 269.26      | 8,468.3               | -602.2       | -212.3       | 255.6                   | 10.00                   | 10.00                  | 0.00                  |
| 8,800.0                                      | 86.90           | 269.26      | 8,473.2               | -602.9       | -262.0       | 305.3                   | 10.00                   | 10.00                  | 0.00                  |
| 8,831.0                                      | 90.00           | 269.26      | 8,474.0               | -603.3       | -293.0       | 336.2                   | 10.00                   | 10.00                  | 0.00                  |
| <b>LP: 660' FSL &amp; 583' FEL (Sec 36)</b>  |                 |             |                       |              |              |                         |                         |                        |                       |

## Planning Report

|                  |                                      |                                     |                                           |
|------------------|--------------------------------------|-------------------------------------|-------------------------------------------|
| <b>Database:</b> | Hobbs                                | <b>Local Co-ordinate Reference:</b> | Site Wild Turkey 36/35 B3PM State Com #1H |
| <b>Company:</b>  | Mewbourne Oil Company                | <b>TVD Reference:</b>               | WELL @ 3422.0usft (Original Well Elev)    |
| <b>Project:</b>  | Eddy County, New Mexico NAD 83       | <b>MD Reference:</b>                | WELL @ 3422.0usft (Original Well Elev)    |
| <b>Site:</b>     | Wild Turkey 36/35 B3PM State Com #1H | <b>North Reference:</b>             | Grid                                      |
| <b>Well:</b>     | Sec 36, T18S, R28E                   | <b>Survey Calculation Method:</b>   | Minimum Curvature                         |
| <b>Wellbore:</b> | BHL: 660' FSL & 100' FWL (Sec 35)    |                                     |                                           |
| <b>Design:</b>   | Design #1                            |                                     |                                           |

| Planned Survey        |                 |             |                       |              |              |                         |                         |                        |                       |  |
|-----------------------|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|-------------------------|------------------------|-----------------------|--|
| Measured Depth (usft) | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Vertical Section (usft) | Dogleg Rate (°/100usft) | Build Rate (°/100usft) | Turn Rate (°/100usft) |  |
| 8,836.9               | 90.59           | 269.26      | 8,474.0               | -603.3       | -298.9       | 342.1                   | 10.00                   | 10.00                  | 0.00                  |  |
| 8,900.0               | 90.59           | 269.26      | 8,473.4               | -604.2       | -362.0       | 405.1                   | 0.00                    | 0.00                   | 0.00                  |  |
| 9,000.0               | 90.59           | 269.26      | 8,472.3               | -605.4       | -462.0       | 504.9                   | 0.00                    | 0.00                   | 0.00                  |  |
| 9,100.0               | 90.59           | 269.26      | 8,471.3               | -606.7       | -562.0       | 604.7                   | 0.00                    | 0.00                   | 0.00                  |  |
| 9,200.0               | 90.59           | 269.26      | 8,470.3               | -608.0       | -661.9       | 704.5                   | 0.00                    | 0.00                   | 0.00                  |  |
| 9,300.0               | 90.59           | 269.26      | 8,469.3               | -609.3       | -761.9       | 804.3                   | 0.00                    | 0.00                   | 0.00                  |  |
| 9,400.0               | 90.59           | 269.26      | 8,468.2               | -610.6       | -861.9       | 904.1                   | 0.00                    | 0.00                   | 0.00                  |  |
| 9,500.0               | 90.59           | 269.26      | 8,467.2               | -611.9       | -961.9       | 1,003.9                 | 0.00                    | 0.00                   | 0.00                  |  |
| 9,600.0               | 90.59           | 269.26      | 8,466.2               | -613.2       | -1,061.9     | 1,103.8                 | 0.00                    | 0.00                   | 0.00                  |  |
| 9,700.0               | 90.59           | 269.26      | 8,465.2               | -614.5       | -1,161.9     | 1,203.6                 | 0.00                    | 0.00                   | 0.00                  |  |
| 9,800.0               | 90.59           | 269.26      | 8,464.1               | -615.8       | -1,261.9     | 1,303.4                 | 0.00                    | 0.00                   | 0.00                  |  |
| 9,900.0               | 90.59           | 269.26      | 8,463.1               | -617.1       | -1,361.9     | 1,403.2                 | 0.00                    | 0.00                   | 0.00                  |  |
| 10,000.0              | 90.59           | 269.26      | 8,462.1               | -618.3       | -1,461.8     | 1,503.0                 | 0.00                    | 0.00                   | 0.00                  |  |
| 10,100.0              | 90.59           | 269.26      | 8,461.1               | -619.6       | -1,561.8     | 1,602.8                 | 0.00                    | 0.00                   | 0.00                  |  |
| 10,200.0              | 90.59           | 269.26      | 8,460.0               | -620.9       | -1,661.8     | 1,702.6                 | 0.00                    | 0.00                   | 0.00                  |  |
| 10,300.0              | 90.59           | 269.26      | 8,459.0               | -622.2       | -1,761.8     | 1,802.5                 | 0.00                    | 0.00                   | 0.00                  |  |
| 10,400.0              | 90.59           | 269.26      | 8,458.0               | -623.5       | -1,861.8     | 1,902.3                 | 0.00                    | 0.00                   | 0.00                  |  |
| 10,500.0              | 90.59           | 269.26      | 8,457.0               | -624.8       | -1,961.8     | 2,002.1                 | 0.00                    | 0.00                   | 0.00                  |  |
| 10,600.0              | 90.59           | 269.26      | 8,455.9               | -626.1       | -2,061.8     | 2,101.9                 | 0.00                    | 0.00                   | 0.00                  |  |
| 10,700.0              | 90.59           | 269.26      | 8,454.9               | -627.4       | -2,161.7     | 2,201.7                 | 0.00                    | 0.00                   | 0.00                  |  |
| 10,800.0              | 90.59           | 269.26      | 8,453.9               | -628.7       | -2,261.7     | 2,301.5                 | 0.00                    | 0.00                   | 0.00                  |  |
| 10,900.0              | 90.59           | 269.26      | 8,452.9               | -629.9       | -2,361.7     | 2,401.3                 | 0.00                    | 0.00                   | 0.00                  |  |
| 11,000.0              | 90.59           | 269.26      | 8,451.8               | -631.2       | -2,461.7     | 2,501.2                 | 0.00                    | 0.00                   | 0.00                  |  |
| 11,100.0              | 90.59           | 269.26      | 8,450.8               | -632.5       | -2,561.7     | 2,601.0                 | 0.00                    | 0.00                   | 0.00                  |  |
| 11,200.0              | 90.59           | 269.26      | 8,449.8               | -633.8       | -2,661.7     | 2,700.8                 | 0.00                    | 0.00                   | 0.00                  |  |
| 11,300.0              | 90.59           | 269.26      | 8,448.8               | -635.1       | -2,761.7     | 2,800.6                 | 0.00                    | 0.00                   | 0.00                  |  |
| 11,400.0              | 90.59           | 269.26      | 8,447.7               | -636.4       | -2,861.7     | 2,900.4                 | 0.00                    | 0.00                   | 0.00                  |  |
| 11,500.0              | 90.59           | 269.26      | 8,446.7               | -637.7       | -2,961.6     | 3,000.2                 | 0.00                    | 0.00                   | 0.00                  |  |
| 11,600.0              | 90.59           | 269.26      | 8,445.7               | -639.0       | -3,061.6     | 3,100.0                 | 0.00                    | 0.00                   | 0.00                  |  |
| 11,700.0              | 90.59           | 269.26      | 8,444.7               | -640.3       | -3,161.6     | 3,199.9                 | 0.00                    | 0.00                   | 0.00                  |  |
| 11,800.0              | 90.59           | 269.26      | 8,443.7               | -641.6       | -3,261.6     | 3,299.7                 | 0.00                    | 0.00                   | 0.00                  |  |
| 11,900.0              | 90.59           | 269.26      | 8,442.6               | -642.8       | -3,361.6     | 3,399.5                 | 0.00                    | 0.00                   | 0.00                  |  |
| 12,000.0              | 90.59           | 269.26      | 8,441.6               | -644.1       | -3,461.6     | 3,499.3                 | 0.00                    | 0.00                   | 0.00                  |  |
| 12,100.0              | 90.59           | 269.26      | 8,440.6               | -645.4       | -3,561.6     | 3,599.1                 | 0.00                    | 0.00                   | 0.00                  |  |
| 12,200.0              | 90.59           | 269.26      | 8,439.6               | -646.7       | -3,661.5     | 3,698.9                 | 0.00                    | 0.00                   | 0.00                  |  |
| 12,300.0              | 90.59           | 269.26      | 8,438.5               | -648.0       | -3,761.5     | 3,798.8                 | 0.00                    | 0.00                   | 0.00                  |  |
| 12,400.0              | 90.59           | 269.26      | 8,437.5               | -649.3       | -3,861.5     | 3,898.6                 | 0.00                    | 0.00                   | 0.00                  |  |
| 12,500.0              | 90.59           | 269.26      | 8,436.5               | -650.6       | -3,961.5     | 3,998.4                 | 0.00                    | 0.00                   | 0.00                  |  |
| 12,600.0              | 90.59           | 269.26      | 8,435.5               | -651.9       | -4,061.5     | 4,098.2                 | 0.00                    | 0.00                   | 0.00                  |  |
| 12,700.0              | 90.59           | 269.26      | 8,434.4               | -653.2       | -4,161.5     | 4,198.0                 | 0.00                    | 0.00                   | 0.00                  |  |
| 12,800.0              | 90.59           | 269.26      | 8,433.4               | -654.5       | -4,261.5     | 4,297.8                 | 0.00                    | 0.00                   | 0.00                  |  |
| 12,900.0              | 90.59           | 269.26      | 8,432.4               | -655.7       | -4,361.4     | 4,397.6                 | 0.00                    | 0.00                   | 0.00                  |  |
| 13,000.0              | 90.59           | 269.26      | 8,431.4               | -657.0       | -4,461.4     | 4,497.5                 | 0.00                    | 0.00                   | 0.00                  |  |
| 13,100.0              | 90.59           | 269.26      | 8,430.3               | -658.3       | -4,561.4     | 4,597.3                 | 0.00                    | 0.00                   | 0.00                  |  |
| 13,200.0              | 90.59           | 269.26      | 8,429.3               | -659.6       | -4,661.4     | 4,697.1                 | 0.00                    | 0.00                   | 0.00                  |  |
| 13,300.0              | 90.59           | 269.26      | 8,428.3               | -660.9       | -4,761.4     | 4,796.9                 | 0.00                    | 0.00                   | 0.00                  |  |
| 13,400.0              | 90.59           | 269.26      | 8,427.3               | -662.2       | -4,861.4     | 4,896.7                 | 0.00                    | 0.00                   | 0.00                  |  |
| 13,500.0              | 90.59           | 269.26      | 8,426.2               | -663.5       | -4,961.4     | 4,996.5                 | 0.00                    | 0.00                   | 0.00                  |  |
| 13,600.0              | 90.59           | 269.26      | 8,425.2               | -664.8       | -5,061.4     | 5,096.3                 | 0.00                    | 0.00                   | 0.00                  |  |
| 13,700.0              | 90.59           | 269.26      | 8,424.2               | -666.1       | -5,161.3     | 5,196.2                 | 0.00                    | 0.00                   | 0.00                  |  |
| 13,800.0              | 90.59           | 269.26      | 8,423.2               | -667.4       | -5,261.3     | 5,296.0                 | 0.00                    | 0.00                   | 0.00                  |  |
| 13,900.0              | 90.59           | 269.26      | 8,422.1               | -668.6       | -5,361.3     | 5,395.8                 | 0.00                    | 0.00                   | 0.00                  |  |
| 14,000.0              | 90.59           | 269.26      | 8,421.1               | -669.9       | -5,461.3     | 5,495.6                 | 0.00                    | 0.00                   | 0.00                  |  |
| 14,100.0              | 90.59           | 269.26      | 8,420.1               | -671.2       | -5,561.3     | 5,595.4                 | 0.00                    | 0.00                   | 0.00                  |  |



## Planning Report

|                  |                                      |                                     |                                           |
|------------------|--------------------------------------|-------------------------------------|-------------------------------------------|
| <b>Database:</b> | Hobbs                                | <b>Local Co-ordinate Reference:</b> | Site Wild Turkey 36/35 B3PM State Com #1H |
| <b>Company:</b>  | Mewbourne Oil Company                | <b>TVD Reference:</b>               | WELL @ 3422.0usft (Original Well Elev)    |
| <b>Project:</b>  | Eddy County, New Mexico NAD 83       | <b>MD Reference:</b>                | WELL @ 3422.0usft (Original Well Elev)    |
| <b>Site:</b>     | Wild Turkey 36/35 B3PM State Com #1H | <b>North Reference:</b>             | Grid                                      |
| <b>Well:</b>     | Sec 36, T18S, R28E                   | <b>Survey Calculation Method:</b>   | Minimum Curvature                         |
| <b>Wellbore:</b> | BHL: 660' FSL & 100' FWL (Sec 35)    |                                     |                                           |
| <b>Design:</b>   | Design #1                            |                                     |                                           |

| Planned Survey                    |                 |             |                       |              |              |                         |                         |                        |                       |  |
|-----------------------------------|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|-------------------------|------------------------|-----------------------|--|
| Measured Depth (usft)             | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Vertical Section (usft) | Dogleg Rate (°/100usft) | Build Rate (°/100usft) | Turn Rate (°/100usft) |  |
| 14,200.0                          | 90.59           | 269.26      | 8,419.1               | -672.5       | -5,661.3     | 5,695.2                 | 0.00                    | 0.00                   | 0.00                  |  |
| 14,300.0                          | 90.59           | 269.26      | 8,418.0               | -673.8       | -5,761.3     | 5,795.0                 | 0.00                    | 0.00                   | 0.00                  |  |
| 14,400.0                          | 90.59           | 269.26      | 8,417.0               | -675.1       | -5,861.2     | 5,894.9                 | 0.00                    | 0.00                   | 0.00                  |  |
| 14,500.0                          | 90.59           | 269.26      | 8,416.0               | -676.4       | -5,961.2     | 5,994.7                 | 0.00                    | 0.00                   | 0.00                  |  |
| 14,600.0                          | 90.59           | 269.26      | 8,415.0               | -677.7       | -6,061.2     | 6,094.5                 | 0.00                    | 0.00                   | 0.00                  |  |
| 14,700.0                          | 90.59           | 269.26      | 8,413.9               | -679.0       | -6,161.2     | 6,194.3                 | 0.00                    | 0.00                   | 0.00                  |  |
| 14,800.0                          | 90.59           | 269.26      | 8,412.9               | -680.2       | -6,261.2     | 6,294.1                 | 0.00                    | 0.00                   | 0.00                  |  |
| 14,900.0                          | 90.59           | 269.26      | 8,411.9               | -681.5       | -6,361.2     | 6,393.9                 | 0.00                    | 0.00                   | 0.00                  |  |
| 15,000.0                          | 90.59           | 269.26      | 8,410.9               | -682.8       | -6,461.2     | 6,493.7                 | 0.00                    | 0.00                   | 0.00                  |  |
| 15,100.0                          | 90.59           | 269.26      | 8,409.9               | -684.1       | -6,561.1     | 6,593.6                 | 0.00                    | 0.00                   | 0.00                  |  |
| 15,200.0                          | 90.59           | 269.26      | 8,408.8               | -685.4       | -6,661.1     | 6,693.4                 | 0.00                    | 0.00                   | 0.00                  |  |
| 15,300.0                          | 90.59           | 269.26      | 8,407.8               | -686.7       | -6,761.1     | 6,793.2                 | 0.00                    | 0.00                   | 0.00                  |  |
| 15,400.0                          | 90.59           | 269.26      | 8,406.8               | -688.0       | -6,861.1     | 6,893.0                 | 0.00                    | 0.00                   | 0.00                  |  |
| 15,500.0                          | 90.59           | 269.26      | 8,405.8               | -689.3       | -6,961.1     | 6,992.8                 | 0.00                    | 0.00                   | 0.00                  |  |
| 15,600.0                          | 90.59           | 269.26      | 8,404.7               | -690.6       | -7,061.1     | 7,092.6                 | 0.00                    | 0.00                   | 0.00                  |  |
| 15,700.0                          | 90.59           | 269.26      | 8,403.7               | -691.9       | -7,161.1     | 7,192.4                 | 0.00                    | 0.00                   | 0.00                  |  |
| 15,800.0                          | 90.59           | 269.26      | 8,402.7               | -693.1       | -7,261.1     | 7,292.3                 | 0.00                    | 0.00                   | 0.00                  |  |
| 15,900.0                          | 90.59           | 269.26      | 8,401.7               | -694.4       | -7,361.0     | 7,392.1                 | 0.00                    | 0.00                   | 0.00                  |  |
| 16,000.0                          | 90.59           | 269.26      | 8,400.6               | -695.7       | -7,461.0     | 7,491.9                 | 0.00                    | 0.00                   | 0.00                  |  |
| 16,100.0                          | 90.59           | 269.26      | 8,399.6               | -697.0       | -7,561.0     | 7,591.7                 | 0.00                    | 0.00                   | 0.00                  |  |
| 16,200.0                          | 90.59           | 269.26      | 8,398.6               | -698.3       | -7,661.0     | 7,691.5                 | 0.00                    | 0.00                   | 0.00                  |  |
| 16,300.0                          | 90.59           | 269.26      | 8,397.6               | -699.6       | -7,761.0     | 7,791.3                 | 0.00                    | 0.00                   | 0.00                  |  |
| 16,400.0                          | 90.59           | 269.26      | 8,396.5               | -700.9       | -7,861.0     | 7,891.1                 | 0.00                    | 0.00                   | 0.00                  |  |
| 16,500.0                          | 90.59           | 269.26      | 8,395.5               | -702.2       | -7,961.0     | 7,991.0                 | 0.00                    | 0.00                   | 0.00                  |  |
| 16,600.0                          | 90.59           | 269.26      | 8,394.5               | -703.5       | -8,060.9     | 8,090.8                 | 0.00                    | 0.00                   | 0.00                  |  |
| 16,700.0                          | 90.59           | 269.26      | 8,393.5               | -704.8       | -8,160.9     | 8,190.6                 | 0.00                    | 0.00                   | 0.00                  |  |
| 16,800.0                          | 90.59           | 269.26      | 8,392.4               | -706.0       | -8,260.9     | 8,290.4                 | 0.00                    | 0.00                   | 0.00                  |  |
| 16,900.0                          | 90.59           | 269.26      | 8,391.4               | -707.3       | -8,360.9     | 8,390.2                 | 0.00                    | 0.00                   | 0.00                  |  |
| 17,000.0                          | 90.59           | 269.26      | 8,390.4               | -708.6       | -8,460.9     | 8,490.0                 | 0.00                    | 0.00                   | 0.00                  |  |
| 17,100.0                          | 90.59           | 269.26      | 8,389.4               | -709.9       | -8,560.9     | 8,589.9                 | 0.00                    | 0.00                   | 0.00                  |  |
| 17,200.0                          | 90.59           | 269.26      | 8,388.3               | -711.2       | -8,660.9     | 8,689.7                 | 0.00                    | 0.00                   | 0.00                  |  |
| 17,300.0                          | 90.59           | 269.26      | 8,387.3               | -712.5       | -8,760.9     | 8,789.5                 | 0.00                    | 0.00                   | 0.00                  |  |
| 17,400.0                          | 90.59           | 269.26      | 8,386.3               | -713.8       | -8,860.8     | 8,889.3                 | 0.00                    | 0.00                   | 0.00                  |  |
| 17,500.0                          | 90.59           | 269.26      | 8,385.3               | -715.1       | -8,960.8     | 8,989.1                 | 0.00                    | 0.00                   | 0.00                  |  |
| 17,600.0                          | 90.59           | 269.26      | 8,384.2               | -716.4       | -9,060.8     | 9,088.9                 | 0.00                    | 0.00                   | 0.00                  |  |
| 17,700.0                          | 90.59           | 269.26      | 8,383.2               | -717.6       | -9,160.8     | 9,188.7                 | 0.00                    | 0.00                   | 0.00                  |  |
| 17,800.0                          | 90.59           | 269.26      | 8,382.2               | -718.9       | -9,260.8     | 9,288.6                 | 0.00                    | 0.00                   | 0.00                  |  |
| 17,900.0                          | 90.59           | 269.26      | 8,381.2               | -720.2       | -9,360.8     | 9,388.4                 | 0.00                    | 0.00                   | 0.00                  |  |
| 18,000.0                          | 90.59           | 269.26      | 8,380.1               | -721.5       | -9,460.8     | 9,488.2                 | 0.00                    | 0.00                   | 0.00                  |  |
| 18,100.0                          | 90.59           | 269.26      | 8,379.1               | -722.8       | -9,560.7     | 9,588.0                 | 0.00                    | 0.00                   | 0.00                  |  |
| 18,200.0                          | 90.59           | 269.26      | 8,378.1               | -724.1       | -9,660.7     | 9,687.8                 | 0.00                    | 0.00                   | 0.00                  |  |
| 18,300.0                          | 90.59           | 269.26      | 8,377.1               | -725.4       | -9,760.7     | 9,787.6                 | 0.00                    | 0.00                   | 0.00                  |  |
| 18,400.0                          | 90.59           | 269.26      | 8,376.0               | -726.7       | -9,860.7     | 9,887.4                 | 0.00                    | 0.00                   | 0.00                  |  |
| 18,502.5                          | 90.59           | 269.26      | 8,375.0               | -728.0       | -9,963.2     | 9,989.8                 | 0.00                    | 0.00                   | 0.00                  |  |
| BHL: 660' FSL & 100' FWL (Sec 35) |                 |             |                       |              |              |                         |                         |                        |                       |  |



## Planning Report

|                  |                                      |                                     |                                           |
|------------------|--------------------------------------|-------------------------------------|-------------------------------------------|
| <b>Database:</b> | Hobbs                                | <b>Local Co-ordinate Reference:</b> | Site Wild Turkey 36/35 B3PM State Com #1H |
| <b>Company:</b>  | Mewbourne Oil Company                | <b>TVD Reference:</b>               | WELL @ 3422.0usft (Original Well Elev)    |
| <b>Project:</b>  | Eddy County, New Mexico NAD 83       | <b>MD Reference:</b>                | WELL @ 3422.0usft (Original Well Elev)    |
| <b>Site:</b>     | Wild Turkey 36/35 B3PM State Com #1H | <b>North Reference:</b>             | Grid                                      |
| <b>Well:</b>     | Sec 36, T18S, R28E                   | <b>Survey Calculation Method:</b>   | Minimum Curvature                         |
| <b>Wellbore:</b> | BHL: 660' FSL & 100' FWL (Sec 35)    |                                     |                                           |
| <b>Design:</b>   | Design #1                            |                                     |                                           |

| Design Targets                                                  |                  |                 |               |                 |                 |                    |                   |            |              |
|-----------------------------------------------------------------|------------------|-----------------|---------------|-----------------|-----------------|--------------------|-------------------|------------|--------------|
| Target Name<br>- hit/miss target<br>- Shape                     | Dip Angle<br>(°) | Dip Dir.<br>(°) | TVD<br>(usft) | +N/-S<br>(usft) | +E/-W<br>(usft) | Northing<br>(usft) | Easting<br>(usft) | Latitude   | Longitude    |
| SHL: 1260' FSL & 290' F<br>- plan hits target center<br>- Point | 0.00             | 0.00            | 0.0           | 0.0             | 0.0             | 618,773.10         | 606,088.00        | 32.7008728 | -104.1228359 |
| KOP: 660' FSL & 10' FEI<br>- plan hits target center<br>- Point | 0.00             | 0.00            | 7,901.0       | -595.9          | 279.9           | 618,177.23         | 606,367.93        | 32.6992334 | -104.1219298 |
| FTP: 660' FSL & 100' FE<br>- plan hits target center<br>- Point | 0.00             | 0.00            | 8,209.2       | -597.0          | 190.0           | 618,176.07         | 606,278.00        | 32.6992307 | -104.1222221 |
| BHL: 660' FSL & 100' Fv<br>- plan hits target center<br>- Point | 0.00             | 0.00            | 8,375.0       | -728.0          | -9,963.2        | 618,045.10         | 596,124.80        | 32.6989220 | -104.1552291 |
| LP: 660' FSL & 583' FEL<br>- plan hits target center<br>- Point | 0.00             | 0.00            | 8,474.0       | -603.3          | -293.0          | 618,169.84         | 605,795.00        | 32.6992163 | -104.1237923 |

**District I**  
1625 N. French Dr., Hobbs, NM 88240  
Phone:(575) 393-6161 Fax:(575) 393-0720  
**District II**  
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**District III**  
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**District IV**  
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**State of New Mexico**  
**Energy, Minerals and Natural Resources**  
**Oil Conservation Division**  
**1220 S. St Francis Dr.**  
**Santa Fe, NM 87505**

CONDITIONS  
  
Action 182597

CONDITIONS

|                                                                   |                                                      |
|-------------------------------------------------------------------|------------------------------------------------------|
| Operator:<br>MEWBOURNE OIL CO<br>P.O. Box 5270<br>Hobbs, NM 88241 | OGRID:<br>14744                                      |
|                                                                   | Action Number:<br>182597                             |
|                                                                   | Action Type:<br>[C-103] NOI Change of Plans (C-103A) |

CONDITIONS

| Created By | Condition                                       | Condition Date |
|------------|-------------------------------------------------|----------------|
| kpickford  | Adhere to previous NMOCD Conditions of Approval | 2/7/2023       |