

I. REQUEST FOR ALLOWABLE MINERAL AUTHORIZATION TO TRANSPORT

|                                                                                                    |                                                          |                                                                      |
|----------------------------------------------------------------------------------------------------|----------------------------------------------------------|----------------------------------------------------------------------|
| <sup>1</sup> Operator name and Address<br>EOG RESOURCES INC<br>PO BOX 2267<br>MIDLAND, TEXAS 79702 |                                                          | <sup>2</sup> OGRID Number<br>7377                                    |
|                                                                                                    |                                                          | <sup>3</sup> Reason for Filing Code/ Effective Date<br>NW 08/21/2022 |
| <sup>4</sup> API Number<br>30 - 025-45868                                                          | <sup>5</sup> Pool Name<br>RED HILLS; LOWER BONE SPRING   | <sup>6</sup> Pool Code<br>51020                                      |
| <sup>7</sup> Property Code<br>323122                                                               | <sup>8</sup> Property Name<br>GREEN DRAKE 16 FEDERAL COM | <sup>9</sup> Well Number<br>501H                                     |

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

|                    |               |                 |              |         |                       |                           |                      |                        |               |
|--------------------|---------------|-----------------|--------------|---------|-----------------------|---------------------------|----------------------|------------------------|---------------|
| UI or lot no.<br>I | Section<br>16 | Township<br>25S | Range<br>33E | Lot Idn | Feet from the<br>2390 | North/South Line<br>SOUTH | Feet from the<br>676 | East/West line<br>EAST | County<br>LEA |
|--------------------|---------------|-----------------|--------------|---------|-----------------------|---------------------------|----------------------|------------------------|---------------|

<sup>11</sup> Bottom Hole Location

|                        |                                                |                                   |                                   |         |                                    |                           |                                     |                        |               |
|------------------------|------------------------------------------------|-----------------------------------|-----------------------------------|---------|------------------------------------|---------------------------|-------------------------------------|------------------------|---------------|
| UL or lot no.<br>P     | Section<br>21                                  | Township<br>25S                   | Range<br>33E                      | Lot Idn | Feet from the<br>110               | North/South line<br>SOUTH | Feet from the<br>1200               | East/West line<br>EAST | County<br>LEA |
| <sup>12</sup> Lse Code | <sup>13</sup> Producing Method Code<br>FLOWING | <sup>14</sup> Gas Connection Date | <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 OGRID | <sup>19</sup> Transporter Name and Address | <sup>20</sup> O/G/W |
| 372812                          | EOGRM                                      | OIL                 |
| 151618                          | ENTERPRISE FIELD SERVICES                  | GAS                 |
| 298751                          | REGENCY FIELD SERVICES                     | GAS                 |
| 36785                           | DCP MIDSTREAM                              | GAS                 |

IV. Well Completion Data

|                                       |                                        |                                    |                               |                                                |                       |                                 |  |
|---------------------------------------|----------------------------------------|------------------------------------|-------------------------------|------------------------------------------------|-----------------------|---------------------------------|--|
| <sup>21</sup> Spud Date<br>05/01/2022 | <sup>22</sup> Ready Date<br>08/21/2022 | <sup>23</sup> TD<br>18,604'        | <sup>24</sup> PBTD<br>18,583' | <sup>25</sup> Perforations<br>11,101 - 18,583' | <sup>26</sup> DHC, MC |                                 |  |
| <sup>27</sup> Hole Size               |                                        | <sup>28</sup> Casing & Tubing Size |                               | <sup>29</sup> Depth Set                        |                       | <sup>30</sup> Sacks Cement      |  |
| 16"                                   |                                        | 13 3/8"                            |                               | 1182'                                          |                       | 805 SXS CL C/CIRC               |  |
| 12 1/4"                               |                                        | 9 5/8"                             |                               | 4920'                                          |                       | 1490 SXS CL C/CIRC              |  |
| 7 7/8"                                |                                        | 5 1/2"                             |                               | 18,592'                                        |                       | 2075 SXS CL C & H TOC 3060' CBL |  |
|                                       |                                        |                                    |                               |                                                |                       |                                 |  |

V. Well Test Data

|                                          |                                               |                                       |                                     |                             |                                    |
|------------------------------------------|-----------------------------------------------|---------------------------------------|-------------------------------------|-----------------------------|------------------------------------|
| <sup>31</sup> Date New Oil<br>08/21/2022 | <sup>32</sup> Gas Delivery Date<br>08/21/2022 | <sup>33</sup> Test Date<br>08/27/2022 | <sup>34</sup> Test Length<br>24 HRS | <sup>35</sup> Tbg. Pressure | <sup>36</sup> Csg. Pressure<br>823 |
| <sup>37</sup> Choke Size                 | <sup>38</sup> Oil<br>2289                     | <sup>39</sup> Water<br>6136           | <sup>40</sup> Gas<br>3767           |                             | <sup>41</sup> Test Method          |

|                                                                                                                                                                                                                                   |                     |                                |  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|--------------------------------|--|
| <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: Kay Maddox |                     | OIL CONSERVATION DIVISION      |  |
| Printed name: Kay Maddox                                                                                                                                                                                                          |                     | Approved by: PATRICIA MARTINEZ |  |
| Title: SENIOR REGULATORY SPECIALIST                                                                                                                                                                                               |                     | Title: PETROLEUM SPECIALIST    |  |
| E-mail Address: kay_maddox@eogresources.com                                                                                                                                                                                       |                     | Approval Date: 12/6/2024       |  |
| Date: 08/31/2022                                                                                                                                                                                                                  | Phone: 432-638-8475 |                                |  |

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-COMPLETED

## WELL LOCATION AND ACREAGE DEDICATION PLAT

|                                                |                                                             |                                                               |
|------------------------------------------------|-------------------------------------------------------------|---------------------------------------------------------------|
| <sup>1</sup> API Number<br><b>30-025-45868</b> | <sup>2</sup> Pool Code<br><b>51020</b>                      | <sup>3</sup> Pool Name<br><b>RED HILLS; LOWER BONE SPRING</b> |
| <sup>4</sup> Property Code<br><b>323122</b>    | <sup>5</sup> Property Name<br><b>GREEN DRAKE 16 FED COM</b> | <sup>6</sup> Well Number<br><b>501H</b>                       |
| <sup>7</sup> OGRID No.<br><b>7377</b>          | <sup>8</sup> Operator Name<br><b>EOG RESOURCES, INC.</b>    | <sup>9</sup> Elevation<br><b>3387'</b>                        |

<sup>10</sup>Surface Location

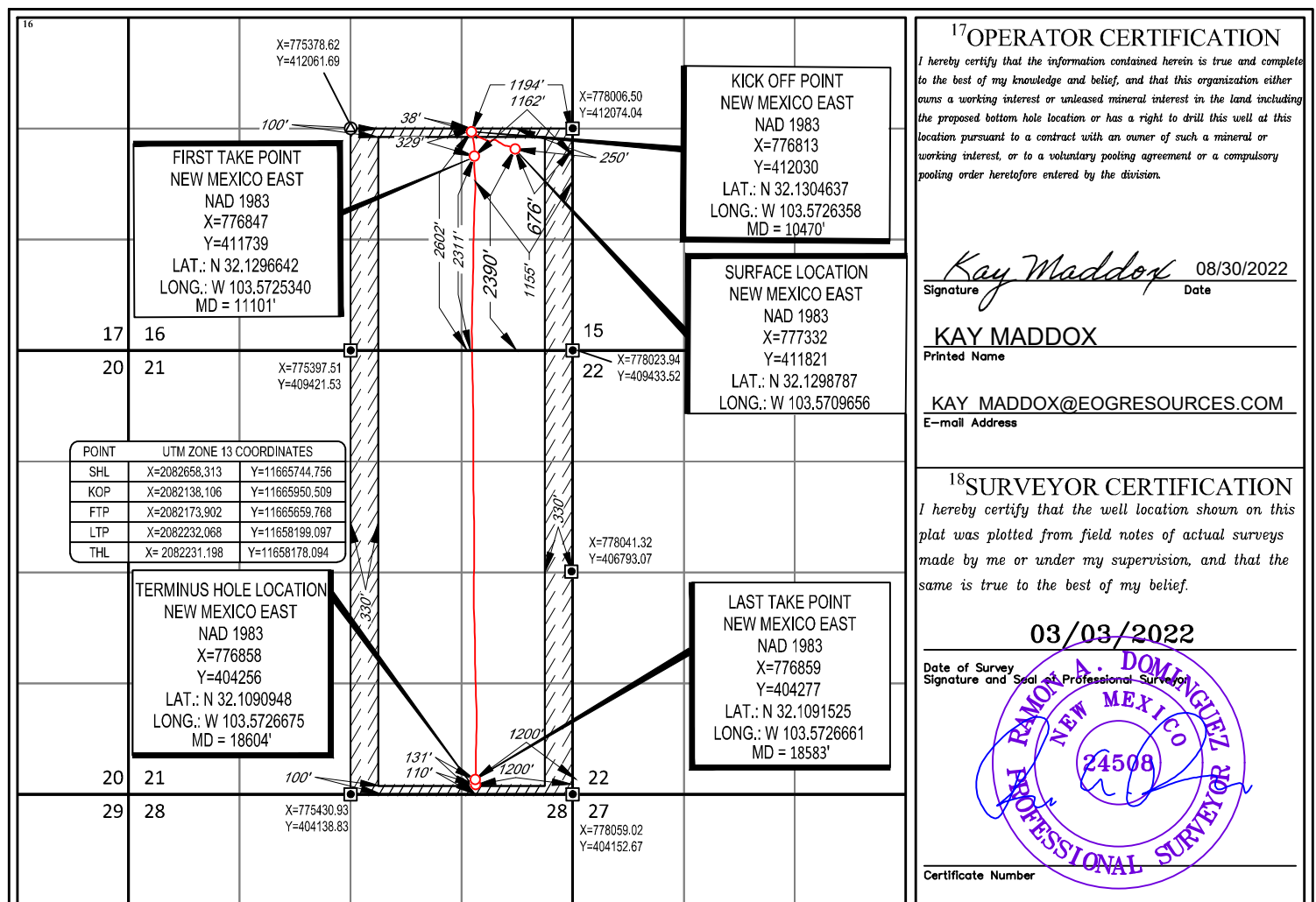
| UL or lot no. | Section   | Township    | Range       | Lot Idn  | Feet from the | North/South line | Feet from the | East/West line | County     |
|---------------|-----------|-------------|-------------|----------|---------------|------------------|---------------|----------------|------------|
| <b>I</b>      | <b>16</b> | <b>25-S</b> | <b>33-E</b> | <b>-</b> | <b>2390'</b>  | <b>SOUTH</b>     | <b>676'</b>   | <b>EAST</b>    | <b>LEA</b> |

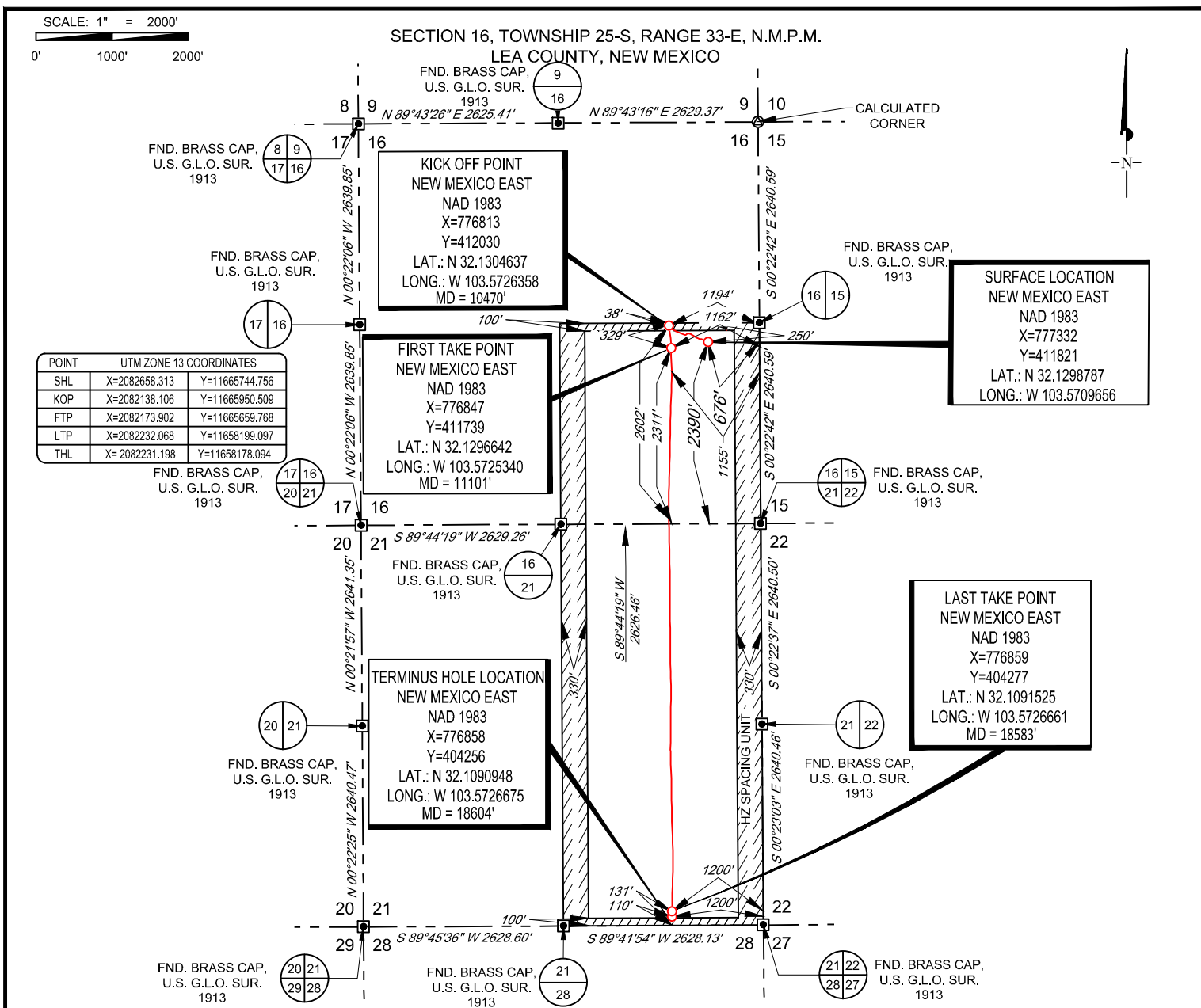
<sup>11</sup>Bottom Hole Location If Different From Surface

| UL or lot no. | Section   | Township    | Range       | Lot Idn  | Feet from the | North/South line | Feet from the | East/West line | County     |
|---------------|-----------|-------------|-------------|----------|---------------|------------------|---------------|----------------|------------|
| <b>P</b>      | <b>21</b> | <b>25-S</b> | <b>33-E</b> | <b>-</b> | <b>110'</b>   | <b>SOUTH</b>     | <b>1200'</b>  | <b>EAST</b>    | <b>LEA</b> |

|                                             |                               |                                  |                         |
|---------------------------------------------|-------------------------------|----------------------------------|-------------------------|
| <sup>12</sup> Dedicated Acres<br><b>480</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 interests have been consolidated or a non-standard unit has been approved by the division.





LEASE NAME & WELL NO.: GREEN DRAKE 16 FED COM 501H

SECTION 16 TWP 25-S RGE 33-E SURVEY N.M.P.M.

COUNTY LEA STATE NM ELEVATION 3387'

DESCRIPTION 2390' FSL & 676' FEL



1400 EVERMAN PARKWAY, Ste. 146 • FT. WORTH, TEXAS 76140  
TELEPHONE: (817) 744-7512 • FAX (817) 744-7554  
2903 NORTH BIG SPRING • MIDLAND, TEXAS 79705  
TELEPHONE: (432) 682-1653 OR (800) 767-1653 • FAX (432) 682-1743  
WWW.TOPOGRAPHIC.COM



Ramon A. Dominguez, P.S. No. 24508  
August 10, 2022

GREEN DRAKE 16 FED COM  
501H  
AS-DRILLED

REVISION:

NOTES:

1. ORIGINAL DOCUMENT SIZE: 8.5" X 11"
2. ALL BEARINGS, DISTANCES, AND COORDINATE VALUES CONTAINED HEREIN ARE GRID BASED UPON THE NEW MEXICO COORDINATE SYSTEM OF 1983, EAST ZONE, U.S. SURVEY FEET.
3. THIS WELL LOCATION SHOWN HEREON HAS BEEN SURVEYED ON THE GROUND UNDER MY SUPERVISION AND PREPARED ACCORDING TO THE EVIDENCE FOUND AT THE TIME OF SURVEY, AND DATA PROVIDED BY EOG RESOURCES, INC. THIS CERTIFICATION IS MADE AND LIMITED TO THOSE PERSONS OR ENTITIES SHOWN ON THE FACE OF THIS PLAT AND IS NON-TRANSFERABLE. THIS SURVEY IS CERTIFIED FOR THIS TRANSACTION ONLY.

DATE: 08/10/22

FILE: AD\_GREEN\_DRAKE\_16\_FED\_COM\_501H

DRAWN BY: LS

SHEET: 2 OF 2



## Midland

Lea County, NM (NAD 83 NME)

Green Drake 16 Fed Com

#501H

OH

Design: OH

## Final PVA

19 June, 2022





Final PVA



|                  |                             |                                     |                       |
|------------------|-----------------------------|-------------------------------------|-----------------------|
| <b>Company:</b>  | Midland                     | <b>Local Co-ordinate Reference:</b> | Well #501H            |
| <b>Project:</b>  | Lea County, NM (NAD 83 NME) | <b>TVD Reference:</b>               | KB = 26' @ 3413.0usft |
| <b>Site:</b>     | Green Drake 16 Fed Com      | <b>MD Reference:</b>                | KB = 26' @ 3413.0usft |
| <b>Well:</b>     | #501H                       | <b>North Reference:</b>             | Grid                  |
| <b>Wellbore:</b> | OH                          | <b>Survey Calculation Method:</b>   | Minimum Curvature     |
| <b>Design:</b>   | OH                          | <b>Database:</b>                    | PEDM                  |

|                    |                             |                      |                |
|--------------------|-----------------------------|----------------------|----------------|
| <b>Project</b>     | Lea County, NM (NAD 83 NME) |                      |                |
| <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>                  | Green Drake 16 Fed Com |                          |                  |
| <b>Site Position:</b>        |                        | <b>Northing:</b>         | 411,802.00 usft  |
| <b>From:</b>                 | Map                    | <b>Easting:</b>          | 773,380.00 usft  |
| <b>Position Uncertainty:</b> | 0.0 usft               | <b>Slot Radius:</b>      | 13-3/16 "        |
|                              |                        | <b>Latitude:</b>         | 32° 7' 47.652 N  |
|                              |                        | <b>Longitude:</b>        | 103° 35' 1.431 W |
|                              |                        | <b>Grid Convergence:</b> | 0.40 °           |

| Well                 |       | #501H    |                     |                 |               |                   |
|----------------------|-------|----------|---------------------|-----------------|---------------|-------------------|
| Well Position        | +N/-S | 0.0 usft | Northing:           | 411,821.00 usft | Latitude:     | 32° 7' 47.565 N   |
|                      | +E/-W | 0.0 usft | Easting:            | 777,332.00 usft | Longitude:    | 103° 34' 15.473 W |
| Position Uncertainty |       | 0.0 usft | Wellhead Elevation: | usft            | Ground Level: | 3,387.0 usft      |

|                  |                   |                    |                        |                      |                            |
|------------------|-------------------|--------------------|------------------------|----------------------|----------------------------|
| <b>Wellbore</b>  | OH                |                    |                        |                      |                            |
| <b>Magnetics</b> | <b>Model Name</b> | <b>Sample Date</b> | <b>Declination (°)</b> | <b>Dip Angle (°)</b> | <b>Field Strength (nT)</b> |
|                  | IGRF2020          | 5/10/2022          | 6.43                   | 59.78                | 47,344.68800848            |

|                          |                                |                     |                     |                      |     |
|--------------------------|--------------------------------|---------------------|---------------------|----------------------|-----|
| <b>Design</b>            | OH                             |                     |                     |                      |     |
| <b>Audit Notes:</b>      |                                |                     |                     |                      |     |
| <b>Version:</b>          | 1.0                            | <b>Phase:</b>       | ACTUAL              | <b>Tie On Depth:</b> | 0.0 |
| <b>Vertical Section:</b> | <b>Depth From (TVD) (usft)</b> | <b>+N/-S (usft)</b> | <b>+E/-W (usft)</b> | <b>Direction (°)</b> |     |
|                          | 0.0                            | 0.0                 | 0.0                 | 183.66               |     |

|                       |                  |                          |                  |                    |  |
|-----------------------|------------------|--------------------------|------------------|--------------------|--|
| <b>Survey Program</b> | <b>Date</b>      | 6/19/2022                |                  |                    |  |
| <b>From (usft)</b>    | <b>To (usft)</b> | <b>Survey (Wellbore)</b> | <b>Tool Name</b> | <b>Description</b> |  |
| 193.0                 | 18,604.0         | MS MWD (OH)              | EOG MWD+IFR1     | MWD + IFR1         |  |



Final PVA



|                  |                             |                                     |                       |
|------------------|-----------------------------|-------------------------------------|-----------------------|
| <b>Company:</b>  | Midland                     | <b>Local Co-ordinate Reference:</b> | Well #501H            |
| <b>Project:</b>  | Lea County, NM (NAD 83 NME) | <b>TVD Reference:</b>               | KB = 26' @ 3413.0usft |
| <b>Site:</b>     | Green Drake 16 Fed Com      | <b>MD Reference:</b>                | KB = 26' @ 3413.0usft |
| <b>Well:</b>     | #501H                       | <b>North Reference:</b>             | Grid                  |
| <b>Wellbore:</b> | OH                          | <b>Survey Calculation Method:</b>   | Minimum Curvature     |
| <b>Design:</b>   | OH                          | <b>Database:</b>                    | PEDM                  |

| Survey       |            |                      |               |               |               |                     |                      |                     |                        |                         |  |
|--------------|------------|----------------------|---------------|---------------|---------------|---------------------|----------------------|---------------------|------------------------|-------------------------|--|
| MD<br>(usft) | Inc<br>(°) | Azi (azimuth)<br>(°) | TVD<br>(usft) | N/S<br>(usft) | E/W<br>(usft) | DLeg<br>(°/100usft) | Build<br>(°/100usft) | Turn<br>(°/100usft) | High to Plan<br>(usft) | Right to Plan<br>(usft) |  |
| 0.0          | 0.00       | 0.00                 | 0.0           | 0.0           | 0.0           | 0.00                | 0.00                 | 0.00                | 0.0                    | 0.0                     |  |
| 193.0        | 0.62       | 12.96                | 193.0         | 1.0           | 0.2           | 0.32                | 0.32                 | 0.00                | -1.0                   | 0.0                     |  |
| 220.0        | 0.62       | 3.73                 | 220.0         | 1.3           | 0.3           | 0.37                | 0.00                 | -34.19              | -1.3                   | -0.2                    |  |
| 306.0        | 0.09       | 247.10               | 306.0         | 1.7           | 0.2           | 0.77                | -0.62                | -135.62             | 0.9                    | -1.5                    |  |
| 392.0        | 0.62       | 343.08               | 392.0         | 2.2           | 0.0           | 0.74                | 0.62                 | 111.60              | -2.1                   | -0.7                    |  |
| 478.0        | 0.62       | 330.86               | 478.0         | 3.0           | -0.3          | 0.15                | 0.00                 | -14.21              | -2.8                   | -1.2                    |  |
| 565.0        | 0.48       | 11.82                | 565.0         | 3.8           | -0.5          | 0.47                | -0.16                | 47.08               | -3.6                   | 1.2                     |  |
| 663.0        | 0.40       | 9.45                 | 663.0         | 4.5           | -0.3          | 0.08                | -0.08                | -2.42               | -4.4                   | 1.1                     |  |
| 757.0        | 0.62       | 329.72               | 757.0         | 5.3           | -0.5          | 0.43                | 0.23                 | -42.27              | -4.8                   | -2.2                    |  |
| 850.0        | 0.31       | 272.68               | 850.0         | 5.7           | -1.0          | 0.56                | -0.33                | -61.33              | -1.3                   | -5.7                    |  |
| 944.0        | 0.40       | 350.73               | 944.0         | 6.1           | -1.3          | 0.48                | 0.10                 | 83.03               | -6.2                   | 0.3                     |  |
| 1,037.0      | 0.70       | 339.13               | 1,037.0       | 6.9           | -1.6          | 0.34                | 0.32                 | -12.47              | -7.0                   | -1.0                    |  |
| 1,131.0      | 0.70       | 351.61               | 1,131.0       | 8.0           | -1.9          | 0.16                | 0.00                 | 13.28               | -8.2                   | 0.7                     |  |
| 1,140.0      | 0.40       | 6.28                 | 1,140.0       | 8.1           | -1.9          | 3.66                | -3.33                | 163.00              | -7.9                   | 2.8                     |  |
| 1,217.0      | 0.62       | 338.34               | 1,217.0       | 8.8           | -2.0          | 0.42                | 0.29                 | -36.29              | -8.9                   | -1.4                    |  |
| 1,311.0      | 2.68       | 306.00               | 1,310.9       | 10.5          | -4.0          | 2.32                | 2.19                 | -34.40              | -8.8                   | -6.4                    |  |
| 1,405.0      | 5.32       | 300.55               | 1,404.7       | 14.0          | -9.5          | 2.83                | 2.81                 | -5.80               | -11.2                  | -8.0                    |  |
| 1,499.0      | 6.68       | 300.20               | 1,498.2       | 19.0          | -18.0         | 1.45                | 1.45                 | -0.37               | -14.4                  | -9.3                    |  |
| 1,594.0      | 6.81       | 296.42               | 1,592.5       | 24.3          | -27.8         | 0.49                | 0.14                 | -3.98               | -16.1                  | -11.5                   |  |
| 1,688.0      | 6.99       | 283.94               | 1,685.8       | 28.1          | -38.4         | 1.60                | 0.19                 | -13.28              | -15.7                  | -15.0                   |  |
| 1,782.0      | 7.60       | 277.96               | 1,779.1       | 30.4          | -50.1         | 1.04                | 0.65                 | -6.36               | -17.3                  | -15.2                   |  |
| 1,876.0      | 7.60       | 279.63               | 1,872.2       | 32.3          | -62.3         | 0.23                | 0.00                 | 1.78                | -21.5                  | -12.9                   |  |
| 1,970.0      | 7.52       | 278.93               | 1,965.4       | 34.3          | -74.6         | 0.13                | -0.09                | -0.74               | -25.1                  | -11.5                   |  |
| 2,065.0      | 7.52       | 279.02               | 2,059.6       | 36.2          | -86.8         | 0.01                | 0.00                 | 0.09                | -28.8                  | -9.7                    |  |
| 2,159.0      | 7.38       | 279.81               | 2,152.8       | 38.2          | -98.9         | 0.18                | -0.15                | 0.84                | -32.4                  | -7.6                    |  |
| 2,253.0      | 7.30       | 279.55               | 2,246.0       | 40.2          | -110.7        | 0.09                | -0.09                | -0.28               | -35.7                  | -6.2                    |  |
| 2,348.0      | 6.42       | 287.02               | 2,340.4       | 42.8          | -121.7        | 1.32                | -0.93                | 7.86                | -38.6                  | -0.2                    |  |



Final PVA



|                  |                             |                                     |                       |
|------------------|-----------------------------|-------------------------------------|-----------------------|
| <b>Company:</b>  | Midland                     | <b>Local Co-ordinate Reference:</b> | Well #501H            |
| <b>Project:</b>  | Lea County, NM (NAD 83 NME) | <b>TVD Reference:</b>               | KB = 26' @ 3413.0usft |
| <b>Site:</b>     | Green Drake 16 Fed Com      | <b>MD Reference:</b>                | KB = 26' @ 3413.0usft |
| <b>Well:</b>     | #501H                       | <b>North Reference:</b>             | Grid                  |
| <b>Wellbore:</b> | OH                          | <b>Survey Calculation Method:</b>   | Minimum Curvature     |
| <b>Design:</b>   | OH                          | <b>Database:</b>                    | PEDM                  |

| Survey       |            |                      |               |               |               |                     |                      |                     |                        |                         |
|--------------|------------|----------------------|---------------|---------------|---------------|---------------------|----------------------|---------------------|------------------------|-------------------------|
| MD<br>(usft) | Inc<br>(°) | Azi (azimuth)<br>(°) | TVD<br>(usft) | N/S<br>(usft) | E/W<br>(usft) | DLeg<br>(°/100usft) | Build<br>(°/100usft) | Turn<br>(°/100usft) | High to Plan<br>(usft) | Right to Plan<br>(usft) |
| 2,441.0      | 5.71       | 296.16               | 2,432.8       | 46.3          | -130.8        | 1.29                | -0.76                | 9.83                | -39.2                  | 5.8                     |
| 2,535.0      | 5.80       | 297.65               | 2,526.4       | 50.6          | -139.3        | 0.19                | 0.10                 | 1.59                | -39.7                  | 5.8                     |
| 2,628.0      | 5.80       | 299.94               | 2,618.9       | 55.1          | -147.5        | 0.25                | 0.00                 | 2.46                | -40.2                  | 6.1                     |
| 2,722.0      | 5.58       | 300.11               | 2,712.4       | 59.8          | -155.6        | 0.23                | -0.23                | 0.18                | -40.8                  | 4.7                     |
| 2,816.0      | 5.49       | 302.05               | 2,806.0       | 64.5          | -163.3        | 0.22                | -0.10                | 2.06                | -41.0                  | 4.4                     |
| 2,909.0      | 5.58       | 304.95               | 2,898.6       | 69.4          | -170.8        | 0.32                | 0.10                 | 3.12                | -41.2                  | 4.4                     |
| 3,003.0      | 5.58       | 299.50               | 2,992.1       | 74.3          | -178.5        | 0.56                | 0.00                 | -5.80               | -41.8                  | -1.3                    |
| 3,097.0      | 5.10       | 296.77               | 3,085.7       | 78.4          | -186.2        | 0.58                | -0.51                | -2.90               | -41.7                  | -4.5                    |
| 3,190.0      | 4.62       | 302.13               | 3,178.4       | 82.3          | -193.1        | 0.71                | -0.52                | 5.76                | -41.2                  | -2.1                    |
| 3,284.0      | 4.31       | 303.89               | 3,272.1       | 86.3          | -199.2        | 0.36                | -0.33                | 1.87                | -40.0                  | -2.8                    |
| 3,378.0      | 3.91       | 303.80               | 3,365.8       | 90.0          | -204.8        | 0.43                | -0.43                | -0.10               | -38.1                  | -4.9                    |
| 3,472.0      | 3.91       | 306.70               | 3,459.6       | 93.7          | -210.1        | 0.21                | 0.00                 | 3.09                | -36.2                  | -5.3                    |
| 3,566.0      | 3.91       | 300.82               | 3,553.4       | 97.3          | -215.4        | 0.43                | 0.00                 | -6.26               | -33.2                  | -11.0                   |
| 3,659.0      | 3.91       | 300.64               | 3,646.2       | 100.5         | -220.8        | 0.01                | 0.00                 | -0.19               | -30.8                  | -12.7                   |
| 3,752.0      | 3.52       | 303.36               | 3,739.0       | 103.7         | -225.9        | 0.46                | -0.42                | 2.92                | -28.9                  | -13.0                   |
| 3,846.0      | 3.60       | 291.94               | 3,832.8       | 106.4         | -231.1        | 0.76                | 0.09                 | -12.15              | -22.7                  | -19.3                   |
| 3,940.0      | 3.52       | 277.96               | 3,926.6       | 107.9         | -236.7        | 0.93                | -0.09                | -14.87              | -14.4                  | -23.0                   |
| 4,033.0      | 3.52       | 280.51               | 4,019.5       | 108.8         | -242.3        | 0.17                | 0.00                 | 2.74                | -12.5                  | -20.8                   |
| 4,127.0      | 3.78       | 280.86               | 4,113.3       | 109.9         | -248.2        | 0.28                | 0.28                 | 0.37                | -9.9                   | -19.2                   |
| 4,221.0      | 3.60       | 278.32               | 4,207.1       | 110.9         | -254.2        | 0.26                | -0.19                | -2.70               | -6.4                   | -18.0                   |
| 4,314.0      | 3.60       | 273.83               | 4,299.9       | 111.5         | -260.0        | 0.30                | 0.00                 | -4.83               | -2.4                   | -16.2                   |
| 4,408.0      | 4.66       | 267.33               | 4,393.6       | 111.6         | -266.7        | 1.23                | 1.13                 | -6.91               | 0.8                    | -13.2                   |
| 4,502.0      | 3.21       | 247.47               | 4,487.4       | 110.4         | -273.0        | 2.10                | -1.54                | -21.13              | 5.6                    | -7.5                    |
| 4,595.0      | 2.68       | 207.83               | 4,580.3       | 107.5         | -276.4        | 2.21                | -0.57                | -42.62              | 6.0                    | 4.8                     |
| 4,689.0      | 3.52       | 227.60               | 4,674.2       | 103.6         | -279.6        | 1.43                | 0.89                 | 21.03               | 6.5                    | 11.1                    |
| 4,783.0      | 4.09       | 230.06               | 4,768.0       | 99.5          | -284.3        | 0.63                | 0.61                 | 2.62                | 5.1                    | 18.6                    |
| 4,865.0      | 3.60       | 231.03               | 4,849.8       | 96.0          | -288.5        | 0.60                | -0.60                | 1.18                | 3.9                    | 25.2                    |



Final PVA



|                  |                             |                                     |                       |
|------------------|-----------------------------|-------------------------------------|-----------------------|
| <b>Company:</b>  | Midland                     | <b>Local Co-ordinate Reference:</b> | Well #501H            |
| <b>Project:</b>  | Lea County, NM (NAD 83 NME) | <b>TVD Reference:</b>               | KB = 26' @ 3413.0usft |
| <b>Site:</b>     | Green Drake 16 Fed Com      | <b>MD Reference:</b>                | KB = 26' @ 3413.0usft |
| <b>Well:</b>     | #501H                       | <b>North Reference:</b>             | Grid                  |
| <b>Wellbore:</b> | OH                          | <b>Survey Calculation Method:</b>   | Minimum Curvature     |
| <b>Design:</b>   | OH                          | <b>Database:</b>                    | PEDM                  |

| Survey       |            |                      |               |               |               |                     |                      |                     |                        |                         |  |
|--------------|------------|----------------------|---------------|---------------|---------------|---------------------|----------------------|---------------------|------------------------|-------------------------|--|
| MD<br>(usft) | Inc<br>(°) | Azi (azimuth)<br>(°) | TVD<br>(usft) | N/S<br>(usft) | E/W<br>(usft) | DLeg<br>(°/100usft) | Build<br>(°/100usft) | Turn<br>(°/100usft) | High to Plan<br>(usft) | Right to Plan<br>(usft) |  |
| 4,979.0      | 2.68       | 240.59               | 4,963.6       | 92.4          | -293.6        | 0.93                | -0.81                | 8.39                | 8.8                    | 33.0                    |  |
| 5,073.0      | 4.09       | 270.30               | 5,057.5       | 91.4          | -298.9        | 2.35                | 1.50                 | 31.61               | 27.0                   | 28.4                    |  |
| 5,166.0      | 6.20       | 288.93               | 5,150.1       | 93.0          | -306.9        | 2.87                | 2.27                 | 20.03               | 35.2                   | 19.6                    |  |
| 5,260.0      | 7.91       | 293.24               | 5,243.4       | 97.2          | -317.7        | 1.90                | 1.82                 | 4.59                | 33.9                   | 16.8                    |  |
| 5,354.0      | 8.09       | 293.59               | 5,336.5       | 102.4         | -329.7        | 0.20                | 0.19                 | 0.37                | 29.7                   | 16.1                    |  |
| 5,447.0      | 8.22       | 292.09               | 5,428.5       | 107.5         | -341.8        | 0.27                | 0.14                 | -1.61               | 24.8                   | 16.4                    |  |
| 5,541.0      | 8.00       | 291.74               | 5,521.6       | 112.5         | -354.1        | 0.24                | -0.23                | -0.37               | 20.3                   | 16.3                    |  |
| 5,635.0      | 7.91       | 291.92               | 5,614.7       | 117.3         | -366.2        | 0.10                | -0.10                | 0.19                | 16.1                   | 16.0                    |  |
| 5,728.0      | 7.69       | 290.78               | 5,706.8       | 121.9         | -378.0        | 0.29                | -0.24                | -1.23               | 11.9                   | 16.1                    |  |
| 5,821.0      | 7.78       | 292.53               | 5,799.0       | 126.5         | -389.6        | 0.27                | 0.10                 | 1.88                | 8.6                    | 15.6                    |  |
| 5,915.0      | 7.52       | 291.39               | 5,892.1       | 131.2         | -401.2        | 0.32                | -0.28                | -1.21               | 4.6                    | 15.4                    |  |
| 6,008.0      | 7.30       | 292.62               | 5,984.3       | 135.7         | -412.3        | 0.29                | -0.24                | 1.32                | 1.7                    | 15.1                    |  |
| 6,101.0      | 6.90       | 297.63               | 6,076.6       | 140.6         | -422.7        | 0.79                | -0.43                | 5.39                | 0.2                    | 14.3                    |  |
| 6,194.0      | 6.90       | 301.15               | 6,169.0       | 146.0         | -432.5        | 0.45                | 0.00                 | 3.78                | -1.6                   | 12.9                    |  |
| 6,288.0      | 6.81       | 301.94               | 6,262.3       | 151.9         | -442.0        | 0.14                | -0.10                | 0.84                | -3.9                   | 11.2                    |  |
| 6,381.0      | 6.68       | 300.27               | 6,354.6       | 157.6         | -451.4        | 0.25                | -0.14                | -1.80               | -6.6                   | 9.4                     |  |
| 6,475.0      | 6.68       | 300.00               | 6,448.0       | 163.0         | -460.8        | 0.03                | 0.00                 | -0.29               | -8.8                   | 7.8                     |  |
| 6,569.0      | 6.59       | 302.38               | 6,541.4       | 168.7         | -470.1        | 0.31                | -0.10                | 2.53                | -10.7                  | 6.6                     |  |
| 6,662.0      | 6.59       | 302.82               | 6,633.8       | 174.4         | -479.1        | 0.05                | 0.00                 | 0.47                | -12.8                  | 4.8                     |  |
| 6,756.0      | 6.68       | 300.88               | 6,727.1       | 180.1         | -488.3        | 0.26                | 0.10                 | -2.06               | -15.1                  | 2.5                     |  |
| 6,849.0      | 6.51       | 302.11               | 6,819.5       | 185.7         | -497.4        | 0.24                | -0.18                | 1.32                | -17.2                  | 1.2                     |  |
| 6,943.0      | 6.20       | 305.10               | 6,912.9       | 191.5         | -506.1        | 0.48                | -0.33                | 3.18                | -19.0                  | 0.1                     |  |
| 7,037.0      | 6.11       | 303.52               | 7,006.4       | 197.2         | -514.4        | 0.20                | -0.10                | -1.68               | -20.4                  | -2.6                    |  |
| 7,131.0      | 3.38       | 300.00               | 7,100.1       | 201.3         | -521.0        | 2.92                | -2.90                | -3.74               | -19.3                  | -5.7                    |  |
| 7,225.0      | 1.32       | 263.00               | 7,194.0       | 202.6         | -524.5        | 2.61                | -2.19                | -39.36              | -7.4                   | -13.8                   |  |
| 7,318.0      | 1.19       | 204.12               | 7,287.0       | 201.5         | -525.9        | 1.33                | -0.14                | -63.31              | 7.0                    | -5.6                    |  |
| 7,412.0      | 1.10       | 217.30               | 7,381.0       | 199.9         | -526.9        | 0.30                | -0.10                | 14.02               | 5.8                    | -0.1                    |  |





Final PVA



|                  |                             |                                     |                       |
|------------------|-----------------------------|-------------------------------------|-----------------------|
| <b>Company:</b>  | Midland                     | <b>Local Co-ordinate Reference:</b> | Well #501H            |
| <b>Project:</b>  | Lea County, NM (NAD 83 NME) | <b>TVD Reference:</b>               | KB = 26' @ 3413.0usft |
| <b>Site:</b>     | Green Drake 16 Fed Com      | <b>MD Reference:</b>                | KB = 26' @ 3413.0usft |
| <b>Well:</b>     | #501H                       | <b>North Reference:</b>             | Grid                  |
| <b>Wellbore:</b> | OH                          | <b>Survey Calculation Method:</b>   | Minimum Curvature     |
| <b>Design:</b>   | OH                          | <b>Database:</b>                    | PEDM                  |

| Survey       |            |                      |               |               |               |                     |                      |                     |                        |                         |  |
|--------------|------------|----------------------|---------------|---------------|---------------|---------------------|----------------------|---------------------|------------------------|-------------------------|--|
| MD<br>(usft) | Inc<br>(°) | Azi (azimuth)<br>(°) | TVD<br>(usft) | N/S<br>(usft) | E/W<br>(usft) | DLeg<br>(°/100usft) | Build<br>(°/100usft) | Turn<br>(°/100usft) | High to Plan<br>(usft) | Right to Plan<br>(usft) |  |
| 7,506.0      | 1.10       | 212.73               | 7,474.9       | 198.5         | -527.9        | 0.09                | 0.00                 | -4.86               | 4.8                    | 4.2                     |  |
| 7,599.0      | 1.32       | 206.05               | 7,567.9       | 196.7         | -528.9        | 0.28                | 0.24                 | -7.18               | 2.5                    | 5.6                     |  |
| 7,693.0      | 1.58       | 177.57               | 7,661.9       | 194.5         | -529.3        | 0.80                | 0.28                 | -30.30              | -2.8                   | 5.6                     |  |
| 7,787.0      | 1.49       | 173.18               | 7,755.9       | 192.0         | -529.1        | 0.16                | -0.10                | -4.67               | -5.7                   | 5.3                     |  |
| 7,880.0      | 1.89       | 168.87               | 7,848.8       | 189.3         | -528.7        | 0.45                | 0.43                 | -4.63               | -8.8                   | 4.7                     |  |
| 7,974.0      | 1.71       | 176.34               | 7,942.8       | 186.3         | -528.3        | 0.31                | -0.19                | 7.95                | -11.1                  | 6.0                     |  |
| 8,068.0      | 1.71       | 180.12               | 8,036.7       | 183.5         | -528.2        | 0.12                | 0.00                 | 4.02                | -13.4                  | 6.8                     |  |
| 8,162.0      | 1.80       | 186.98               | 8,130.7       | 180.7         | -528.4        | 0.24                | 0.10                 | 7.30                | -15.4                  | 8.6                     |  |
| 8,257.0      | 1.49       | 311.52               | 8,225.7       | 180.0         | -529.5        | 3.07                | -0.33                | 131.09              | 15.4                   | 9.1                     |  |
| 8,351.0      | 1.58       | 313.28               | 8,319.6       | 181.7         | -531.3        | 0.11                | 0.10                 | 1.87                | 13.2                   | 8.6                     |  |
| 8,445.0      | 1.41       | 296.31               | 8,413.6       | 183.1         | -533.3        | 0.50                | -0.18                | -18.05              | 7.7                    | 11.7                    |  |
| 8,539.0      | 1.49       | 286.12               | 8,507.6       | 184.0         | -535.5        | 0.29                | 0.09                 | -10.84              | 3.1                    | 12.7                    |  |
| 8,633.0      | 1.19       | 272.14               | 8,601.5       | 184.3         | -537.7        | 0.47                | -0.32                | -14.87              | -2.2                   | 12.7                    |  |
| 8,728.0      | 1.98       | 353.79               | 8,696.5       | 186.0         | -538.8        | 2.27                | 0.83                 | 85.95               | 10.5                   | 5.0                     |  |
| 8,822.0      | 2.59       | 7.94                 | 8,790.4       | 189.7         | -538.7        | 0.88                | 0.65                 | 15.05               | 7.7                    | 2.7                     |  |
| 8,916.0      | 2.20       | 1.97                 | 8,884.4       | 193.6         | -538.4        | 0.49                | -0.41                | -6.35               | 3.5                    | 3.2                     |  |
| 9,010.0      | 1.58       | 357.13               | 8,978.3       | 196.7         | -538.4        | 0.68                | -0.66                | -5.15               | 0.1                    | 3.4                     |  |
| 9,105.0      | 1.41       | 6.54                 | 9,073.3       | 199.2         | -538.3        | 0.31                | -0.18                | 9.91                | -1.8                   | 3.5                     |  |
| 9,200.0      | 1.49       | 1.44                 | 9,168.2       | 201.6         | -538.1        | 0.16                | 0.08                 | -5.37               | -4.5                   | 3.2                     |  |
| 9,294.0      | 1.32       | 345.53               | 9,262.2       | 203.9         | -538.4        | 0.45                | -0.18                | -16.93              | -7.5                   | 1.5                     |  |
| 9,388.0      | 1.32       | 6.80                 | 9,356.2       | 206.0         | -538.5        | 0.52                | 0.00                 | 22.63               | -8.5                   | 4.6                     |  |
| 9,482.0      | 1.58       | 23.68                | 9,450.2       | 208.3         | -537.9        | 0.53                | 0.28                 | 17.96               | -9.2                   | 7.1                     |  |
| 9,576.0      | 1.58       | 62.70                | 9,544.1       | 210.0         | -536.2        | 1.12                | 0.00                 | 41.51               | -4.9                   | 12.1                    |  |
| 9,670.0      | 1.19       | 58.92                | 9,638.1       | 211.1         | -534.2        | 0.43                | -0.41                | -4.02               | -8.0                   | 11.7                    |  |
| 9,764.0      | 1.10       | 92.23                | 9,732.1       | 211.6         | -532.5        | 0.70                | -0.10                | 35.44               | -2.0                   | 14.7                    |  |
| 9,859.0      | 2.81       | 136.18               | 9,827.0       | 209.9         | -529.9        | 2.27                | 1.80                 | 46.26               | 5.8                    | 12.6                    |  |
| 9,953.0      | 1.98       | 139.87               | 9,920.9       | 207.0         | -527.3        | 0.90                | -0.88                | 3.93                | 2.7                    | 12.3                    |  |



Final PVA



|                  |                             |                                     |                       |
|------------------|-----------------------------|-------------------------------------|-----------------------|
| <b>Company:</b>  | Midland                     | <b>Local Co-ordinate Reference:</b> | Well #501H            |
| <b>Project:</b>  | Lea County, NM (NAD 83 NME) | <b>TVD Reference:</b>               | KB = 26' @ 3413.0usft |
| <b>Site:</b>     | Green Drake 16 Fed Com      | <b>MD Reference:</b>                | KB = 26' @ 3413.0usft |
| <b>Well:</b>     | #501H                       | <b>North Reference:</b>             | Grid                  |
| <b>Wellbore:</b> | OH                          | <b>Survey Calculation Method:</b>   | Minimum Curvature     |
| <b>Design:</b>   | OH                          | <b>Database:</b>                    | PEDM                  |

| Survey                                                                             |            |                      |               |               |               |                     |                      |                     |                        |                         |  |
|------------------------------------------------------------------------------------|------------|----------------------|---------------|---------------|---------------|---------------------|----------------------|---------------------|------------------------|-------------------------|--|
| MD<br>(usft)                                                                       | Inc<br>(°) | Azi (azimuth)<br>(°) | TVD<br>(usft) | N/S<br>(usft) | E/W<br>(usft) | DLeg<br>(°/100usft) | Build<br>(°/100usft) | Turn<br>(°/100usft) | High to Plan<br>(usft) | Right to Plan<br>(usft) |  |
| 10,047.0                                                                           | 1.85       | 143.38               | 10,014.9      | 204.5         | -525.4        | 0.19                | -0.14                | 3.73                | 0.3                    | 12.2                    |  |
| 10,142.0                                                                           | 1.32       | 60.94                | 10,109.9      | 203.8         | -523.5        | 2.24                | -0.56                | -86.78              | -13.4                  | 0.4                     |  |
| 10,236.0                                                                           | 1.41       | 45.91                | 10,203.8      | 205.2         | -521.7        | 0.39                | 0.10                 | -15.99              | -15.2                  | -3.4                    |  |
| 10,278.0                                                                           | 1.41       | 46.16                | 10,245.8      | 205.9         | -521.0        | 0.01                | 0.00                 | 0.60                | -16.3                  | -3.3                    |  |
| 10,373.0                                                                           | 1.10       | 35.70                | 10,340.8      | 207.4         | -519.6        | 0.40                | -0.33                | -11.01              | -17.5                  | -6.4                    |  |
| 10,467.0                                                                           | 1.32       | 27.87                | 10,434.8      | 209.1         | -518.6        | 0.29                | 0.23                 | -8.33               | -18.4                  | -8.9                    |  |
| 10,470.0                                                                           | 1.14       | 30.87                | 10,437.8      | 209.2         | -518.5        | 6.22                | -5.84                | 100.13              | -18.9                  | -7.9                    |  |
| <b>KOP, MD:10470.0', TVD:10437.8', N/S:209.2', E/W:-518.5', INC:1.14</b>           |            |                      |               |               |               |                     |                      |                     |                        |                         |  |
| 10,561.0                                                                           | 4.62       | 183.88               | 10,528.7      | 206.3         | -518.3        | 6.22                | 3.82                 | 168.14              | 11.7                   | 15.9                    |  |
| 10,655.0                                                                           | 14.29      | 175.27               | 10,621.3      | 190.9         | -517.6        | 10.37               | 10.29                | -9.16               | 7.5                    | 18.0                    |  |
| 10,750.0                                                                           | 25.41      | 165.25               | 10,710.6      | 159.4         | -511.4        | 12.20               | 11.71                | -10.55              | 0.5                    | 24.1                    |  |
| 10,776.8                                                                           | 29.28      | 166.26               | 10,734.4      | 147.5         | -508.4        | 14.53               | 14.42                | 3.75                | -0.9                   | 26.7                    |  |
| <b>FTP Crossing, MD:10776.8', TVD:10734.4', N/S:147.5', E/W:-508.4', INC:29.28</b> |            |                      |               |               |               |                     |                      |                     |                        |                         |  |
| 10,844.0                                                                           | 38.99      | 167.97               | 10,789.9      | 110.8         | -500.1        | 14.53               | 14.46                | 2.55                | -6.9                   | 33.7                    |  |
| 10,938.0                                                                           | 44.62      | 173.69               | 10,860.0      | 48.9          | -490.3        | 7.23                | 5.99                 | 6.09                | -13.0                  | 42.9                    |  |
| 11,033.0                                                                           | 54.51      | 177.29               | 10,921.5      | -23.0         | -484.8        | 10.80               | 10.41                | 3.79                | -16.8                  | 48.4                    |  |
| 11,127.0                                                                           | 62.11      | 182.91               | 10,970.9      | -102.9        | -485.1        | 9.55                | 8.09                 | 5.98                | -18.8                  | 48.5                    |  |
| 11,222.0                                                                           | 71.21      | 180.01               | 11,008.5      | -190.0        | -487.2        | 9.98                | 9.58                 | -3.05               | -22.1                  | 45.3                    |  |
| 11,316.0                                                                           | 78.29      | 175.00               | 11,033.2      | -280.5        | -483.2        | 9.12                | 7.53                 | -5.33               | -22.3                  | 48.3                    |  |
| 11,411.0                                                                           | 84.79      | 176.85               | 11,047.2      | -374.2        | -476.5        | 7.11                | 6.84                 | 1.95                | -15.9                  | 54.7                    |  |
| 11,505.0                                                                           | 92.00      | 182.30               | 11,049.8      | -468.1        | -475.8        | 9.61                | 7.67                 | 5.80                | -13.2                  | 54.8                    |  |
| 11,599.0                                                                           | 92.70      | 182.21               | 11,046.0      | -561.9        | -479.5        | 0.75                | 0.74                 | -0.10               | -17.1                  | 50.4                    |  |
| 11,693.0                                                                           | 91.69      | 182.39               | 11,042.4      | -655.8        | -483.3        | 1.09                | -1.07                | 0.19                | -20.6                  | 46.1                    |  |
| 11,787.0                                                                           | 90.99      | 182.30               | 11,040.2      | -749.7        | -487.2        | 0.75                | -0.74                | -0.10               | -22.8                  | 41.6                    |  |
| 11,881.0                                                                           | 89.32      | 181.60               | 11,039.9      | -843.6        | -490.3        | 1.93                | -1.78                | -0.74               | -23.0                  | 37.8                    |  |
| 11,975.0                                                                           | 89.01      | 181.16               | 11,041.3      | -937.6        | -492.6        | 0.57                | -0.33                | -0.47               | -21.7                  | 34.9                    |  |
| 12,070.0                                                                           | 92.62      | 181.68               | 11,039.9      | -1,032.5      | -495.0        | 3.84                | 3.80                 | 0.55                | -23.0                  | 31.9                    |  |



Final PVA



|                  |                             |                                     |                       |
|------------------|-----------------------------|-------------------------------------|-----------------------|
| <b>Company:</b>  | Midland                     | <b>Local Co-ordinate Reference:</b> | Well #501H            |
| <b>Project:</b>  | Lea County, NM (NAD 83 NME) | <b>TVD Reference:</b>               | KB = 26' @ 3413.0usft |
| <b>Site:</b>     | Green Drake 16 Fed Com      | <b>MD Reference:</b>                | KB = 26' @ 3413.0usft |
| <b>Well:</b>     | #501H                       | <b>North Reference:</b>             | Grid                  |
| <b>Wellbore:</b> | OH                          | <b>Survey Calculation Method:</b>   | Minimum Curvature     |
| <b>Design:</b>   | OH                          | <b>Database:</b>                    | PEDM                  |

| Survey       |            |                      |               |               |               |                     |                      |                     |                        |                         |
|--------------|------------|----------------------|---------------|---------------|---------------|---------------------|----------------------|---------------------|------------------------|-------------------------|
| MD<br>(usft) | Inc<br>(°) | Azi (azimuth)<br>(°) | TVD<br>(usft) | N/S<br>(usft) | E/W<br>(usft) | DLeg<br>(°/100usft) | Build<br>(°/100usft) | Turn<br>(°/100usft) | High to Plan<br>(usft) | Right to Plan<br>(usft) |
| 12,164.0     | 91.69      | 180.89               | 11,036.4      | -1,126.4      | -497.1        | 1.30                | -0.99                | -0.84               | -26.6                  | 29.2                    |
| 12,258.0     | 90.42      | 180.72               | 11,034.7      | -1,220.4      | -498.4        | 1.36                | -1.35                | -0.18               | -28.3                  | 27.3                    |
| 12,352.0     | 89.80      | 180.89               | 11,034.5      | -1,314.4      | -499.7        | 0.68                | -0.66                | 0.18                | -28.5                  | 25.4                    |
| 12,446.0     | 92.31      | 181.42               | 11,032.8      | -1,408.3      | -501.6        | 2.73                | 2.67                 | 0.56                | -30.2                  | 22.8                    |
| 12,540.0     | 91.60      | 181.07               | 11,029.6      | -1,502.3      | -503.6        | 0.84                | -0.76                | -0.37               | -33.4                  | 20.2                    |
| 12,634.0     | 90.90      | 181.16               | 11,027.5      | -1,596.2      | -505.5        | 0.75                | -0.74                | 0.10                | -35.5                  | 17.7                    |
| 12,729.0     | 90.29      | 181.16               | 11,026.5      | -1,691.2      | -507.4        | 0.64                | -0.64                | 0.00                | -36.4                  | 15.2                    |
| 12,823.0     | 89.71      | 181.42               | 11,026.5      | -1,785.2      | -509.5        | 0.68                | -0.62                | 0.28                | -36.4                  | 12.5                    |
| 12,917.0     | 89.49      | 181.95               | 11,027.2      | -1,879.1      | -512.3        | 0.61                | -0.23                | 0.56                | -35.8                  | 9.1                     |
| 13,011.0     | 88.00      | 181.07               | 11,029.2      | -1,973.1      | -514.8        | 1.84                | -1.59                | -0.94               | -33.7                  | 6.0                     |
| 13,106.0     | 87.60      | 181.07               | 11,032.9      | -2,068.0      | -516.5        | 0.42                | -0.42                | 0.00                | -30.1                  | 3.6                     |
| 13,200.0     | 89.32      | 180.01               | 11,035.4      | -2,161.9      | -517.4        | 2.15                | 1.83                 | -1.13               | -27.6                  | 2.1                     |
| 13,294.0     | 88.48      | 179.05               | 11,037.2      | -2,255.9      | -516.6        | 1.36                | -0.89                | -1.02               | -25.8                  | 2.2                     |
| 13,388.0     | 90.20      | 179.05               | 11,038.3      | -2,349.9      | -515.1        | 1.83                | 1.83                 | 0.00                | -24.7                  | 3.2                     |
| 13,482.0     | 90.68      | 179.22               | 11,037.6      | -2,443.9      | -513.7        | 0.54                | 0.51                 | 0.18                | -25.4                  | 4.0                     |
| 13,577.0     | 89.98      | 178.87               | 11,037.0      | -2,538.9      | -512.1        | 0.82                | -0.74                | -0.37               | -25.9                  | 4.9                     |
| 13,671.0     | 90.29      | 178.61               | 11,036.8      | -2,632.8      | -510.0        | 0.43                | 0.33                 | -0.28               | -26.2                  | 6.4                     |
| 13,766.0     | 90.20      | 178.70               | 11,036.4      | -2,727.8      | -507.8        | 0.13                | -0.09                | 0.09                | -26.6                  | 8.0                     |
| 13,859.0     | 90.68      | 179.57               | 11,035.7      | -2,820.8      | -506.4        | 1.07                | 0.52                 | 0.94                | -27.3                  | 8.8                     |
| 13,954.0     | 88.48      | 179.05               | 11,036.4      | -2,915.8      | -505.2        | 2.38                | -2.32                | -0.55               | -26.6                  | 9.3                     |
| 14,048.0     | 86.90      | 178.17               | 11,040.2      | -3,009.7      | -503.0        | 1.92                | -1.68                | -0.94               | -22.8                  | 11.0                    |
| 14,142.0     | 94.29      | 178.87               | 11,039.2      | -3,103.6      | -500.5        | 7.90                | 7.86                 | 0.74                | -23.8                  | 12.8                    |
| 14,236.0     | 89.49      | 180.19               | 11,036.1      | -3,197.5      | -499.8        | 5.30                | -5.11                | 1.40                | -26.9                  | 12.9                    |
| 14,330.0     | 91.21      | 179.93               | 11,035.5      | -3,291.5      | -499.9        | 1.85                | 1.83                 | -0.28               | -27.5                  | 12.2                    |
| 14,425.0     | 89.71      | 179.49               | 11,034.8      | -3,386.5      | -499.4        | 1.65                | -1.58                | -0.46               | -28.2                  | 12.1                    |
| 14,519.0     | 91.21      | 180.72               | 11,034.0      | -3,480.5      | -499.6        | 2.06                | 1.60                 | 1.31                | -29.0                  | 11.3                    |
| 14,613.0     | 88.40      | 180.01               | 11,034.3      | -3,574.5      | -500.2        | 3.08                | -2.99                | -0.76               | -28.6                  | 10.1                    |



Final PVA



|                  |                             |                                     |                       |
|------------------|-----------------------------|-------------------------------------|-----------------------|
| <b>Company:</b>  | Midland                     | <b>Local Co-ordinate Reference:</b> | Well #501H            |
| <b>Project:</b>  | Lea County, NM (NAD 83 NME) | <b>TVD Reference:</b>               | KB = 26' @ 3413.0usft |
| <b>Site:</b>     | Green Drake 16 Fed Com      | <b>MD Reference:</b>                | KB = 26' @ 3413.0usft |
| <b>Well:</b>     | #501H                       | <b>North Reference:</b>             | Grid                  |
| <b>Wellbore:</b> | OH                          | <b>Survey Calculation Method:</b>   | Minimum Curvature     |
| <b>Design:</b>   | OH                          | <b>Database:</b>                    | PEDM                  |

| Survey       |            |                      |               |               |               |                     |                      |                     |                        |                         |
|--------------|------------|----------------------|---------------|---------------|---------------|---------------------|----------------------|---------------------|------------------------|-------------------------|
| MD<br>(usft) | Inc<br>(°) | Azi (azimuth)<br>(°) | TVD<br>(usft) | N/S<br>(usft) | E/W<br>(usft) | DLeg<br>(°/100usft) | Build<br>(°/100usft) | Turn<br>(°/100usft) | High to Plan<br>(usft) | Right to Plan<br>(usft) |
| 14,708.0     | 89.80      | 179.49               | 11,035.8      | -3,669.4      | -499.7        | 1.57                | 1.47                 | -0.55               | -27.2                  | 9.9                     |
| 14,802.0     | 89.98      | 179.49               | 11,036.0      | -3,763.4      | -498.9        | 0.19                | 0.19                 | 0.00                | -27.0                  | 10.1                    |
| 14,896.0     | 90.90      | 179.66               | 11,035.3      | -3,857.4      | -498.2        | 1.00                | 0.98                 | 0.18                | -27.7                  | 10.2                    |
| 14,990.0     | 90.59      | 179.75               | 11,034.1      | -3,951.4      | -497.7        | 0.34                | -0.33                | 0.10                | -28.9                  | 10.0                    |
| 15,085.0     | 89.49      | 179.57               | 11,034.0      | -4,046.4      | -497.2        | 1.17                | -1.16                | -0.19               | -29.0                  | 10.0                    |
| 15,179.0     | 89.01      | 179.75               | 11,035.2      | -4,140.4      | -496.6        | 0.55                | -0.51                | 0.19                | -27.8                  | 9.9                     |
| 15,273.0     | 90.90      | 178.52               | 11,035.3      | -4,234.4      | -495.2        | 2.40                | 2.01                 | -1.31               | -27.7                  | 10.7                    |
| 15,368.0     | 91.12      | 178.70               | 11,033.6      | -4,329.3      | -492.9        | 0.30                | 0.23                 | 0.19                | -29.4                  | 12.4                    |
| 15,462.0     | 91.91      | 178.70               | 11,031.1      | -4,423.3      | -490.7        | 0.84                | 0.84                 | 0.00                | -31.8                  | 13.9                    |
| 15,556.0     | 92.62      | 178.96               | 11,027.4      | -4,517.2      | -488.8        | 0.80                | 0.76                 | 0.28                | -35.6                  | 15.2                    |
| 15,651.0     | 91.30      | 180.37               | 11,024.2      | -4,612.1      | -488.3        | 2.03                | -1.39                | 1.48                | -38.8                  | 15.1                    |
| 15,745.0     | 91.69      | 180.01               | 11,021.7      | -4,706.1      | -488.6        | 0.56                | 0.41                 | -0.38               | -41.3                  | 14.2                    |
| 15,839.0     | 90.68      | 180.63               | 11,019.8      | -4,800.1      | -489.1        | 1.26                | -1.07                | 0.66                | -43.2                  | 13.1                    |
| 15,933.0     | 90.42      | 180.72               | 11,018.9      | -4,894.1      | -490.2        | 0.29                | -0.28                | 0.10                | -44.1                  | 11.3                    |
| 16,027.0     | 88.62      | 180.72               | 11,019.7      | -4,988.1      | -491.4        | 1.91                | -1.91                | 0.00                | -43.3                  | 9.5                     |
| 16,122.0     | 88.70      | 180.19               | 11,021.9      | -5,083.0      | -492.2        | 0.56                | 0.08                 | -0.56               | -41.1                  | 8.2                     |
| 16,216.0     | 86.51      | 180.89               | 11,025.8      | -5,176.9      | -493.0        | 2.45                | -2.33                | 0.74                | -37.2                  | 6.7                     |
| 16,310.0     | 86.29      | 180.19               | 11,031.7      | -5,270.7      | -493.9        | 0.78                | -0.23                | -0.74               | -31.3                  | 5.2                     |
| 16,405.0     | 88.31      | 179.93               | 11,036.2      | -5,365.6      | -494.0        | 2.14                | 2.13                 | -0.27               | -26.8                  | 4.4                     |
| 16,421.0     | 89.10      | 179.49               | 11,036.6      | -5,381.6      | -493.9        | 5.65                | 4.94                 | -2.75               | -26.4                  | 4.4                     |
| 16,498.0     | 89.32      | 177.99               | 11,037.6      | -5,458.6      | -492.2        | 1.97                | 0.29                 | -1.95               | -25.4                  | 5.6                     |
| 16,593.0     | 92.09      | 178.52               | 11,036.4      | -5,553.5      | -489.4        | 2.97                | 2.92                 | 0.56                | -26.6                  | 7.9                     |
| 16,687.0     | 92.79      | 178.08               | 11,032.4      | -5,647.4      | -486.6        | 0.88                | 0.74                 | -0.47               | -30.6                  | 10.0                    |
| 16,781.0     | 92.22      | 178.08               | 11,028.3      | -5,741.3      | -483.4        | 0.61                | -0.61                | 0.00                | -34.7                  | 12.6                    |
| 16,876.0     | 92.31      | 178.52               | 11,024.6      | -5,836.1      | -480.6        | 0.47                | 0.09                 | 0.46                | -38.4                  | 14.8                    |
| 16,970.0     | 91.12      | 180.28               | 11,021.8      | -5,930.1      | -479.6        | 2.26                | -1.27                | 1.87                | -41.2                  | 15.1                    |
| 17,064.0     | 90.68      | 179.75               | 11,020.3      | -6,024.1      | -479.6        | 0.73                | -0.47                | -0.56               | -42.4                  | 14.5                    |



Final PVA



|                  |                             |                                     |                       |
|------------------|-----------------------------|-------------------------------------|-----------------------|
| <b>Company:</b>  | Midland                     | <b>Local Co-ordinate Reference:</b> | Well #501H            |
| <b>Project:</b>  | Lea County, NM (NAD 83 NME) | <b>TVD Reference:</b>               | KB = 26' @ 3413.0usft |
| <b>Site:</b>     | Green Drake 16 Fed Com      | <b>MD Reference:</b>                | KB = 26' @ 3413.0usft |
| <b>Well:</b>     | #501H                       | <b>North Reference:</b>             | Grid                  |
| <b>Wellbore:</b> | OH                          | <b>Survey Calculation Method:</b>   | Minimum Curvature     |
| <b>Design:</b>   | OH                          | <b>Database:</b>                    | PEDM                  |

| Survey                                 |            |                      |               |               |               |                     |                      |                     |                        |                         |
|----------------------------------------|------------|----------------------|---------------|---------------|---------------|---------------------|----------------------|---------------------|------------------------|-------------------------|
| MD<br>(usft)                           | Inc<br>(°) | Azi (azimuth)<br>(°) | TVD<br>(usft) | N/S<br>(usft) | E/W<br>(usft) | DLeg<br>(°/100usft) | Build<br>(°/100usft) | Turn<br>(°/100usft) | High to Plan<br>(usft) | Right to Plan<br>(usft) |
| 17,159.0                               | 89.71      | 178.78               | 11,020.0      | -6,119.1      | -478.4        | 1.44                | -1.02                | -1.02               | -42.0                  | 15.1                    |
| 17,253.0                               | 90.29      | 178.87               | 11,020.0      | -6,213.1      | -476.5        | 0.62                | 0.62                 | 0.10                | -41.2                  | 16.4                    |
| 17,347.0                               | 90.59      | 178.61               | 11,019.2      | -6,307.0      | -474.4        | 0.42                | 0.32                 | -0.28               | -41.2                  | 17.8                    |
| 17,441.0                               | 89.10      | 177.99               | 11,019.5      | -6,401.0      | -471.6        | 1.72                | -1.59                | -0.66               | -40.1                  | 20.0                    |
| 17,536.0                               | 89.49      | 177.99               | 11,020.7      | -6,495.9      | -468.3        | 0.41                | 0.41                 | 0.00                | -38.2                  | 22.7                    |
| 17,630.0                               | 89.01      | 177.03               | 11,021.9      | -6,589.8      | -464.2        | 1.14                | -0.51                | -1.02               | -36.2                  | 26.2                    |
| 17,724.0                               | 90.81      | 178.70               | 11,022.0      | -6,683.7      | -460.7        | 2.61                | 1.91                 | 1.78                | -35.2                  | 29.1                    |
| 17,819.0                               | 90.90      | 179.66               | 11,020.6      | -6,778.7      | -459.4        | 1.01                | 0.09                 | 1.01                | -35.9                  | 29.8                    |
| 17,913.0                               | 91.91      | 181.07               | 11,018.3      | -6,872.7      | -460.0        | 1.84                | 1.07                 | 1.50                | -37.4                  | 28.6                    |
| 18,007.0                               | 92.48      | 181.16               | 11,014.7      | -6,966.6      | -461.8        | 0.61                | 0.61                 | 0.10                | -40.2                  | 26.1                    |
| 18,102.0                               | 92.79      | 181.51               | 11,010.4      | -7,061.5      | -464.0        | 0.49                | 0.33                 | 0.37                | -43.8                  | 23.3                    |
| 18,196.0                               | 90.59      | 181.86               | 11,007.6      | -7,155.4      | -466.8        | 2.37                | -2.34                | 0.37                | -45.8                  | 19.9                    |
| 18,290.0                               | 89.58      | 180.98               | 11,007.4      | -7,249.4      | -469.1        | 1.43                | -1.07                | -0.94               | -45.2                  | 17.0                    |
| 18,384.0                               | 88.79      | 180.63               | 11,008.8      | -7,343.3      | -470.4        | 0.92                | -0.84                | -0.37               | -43.0                  | 15.0                    |
| 18,404.0                               | 88.62      | 180.80               | 11,009.2      | -7,363.3      | -470.7        | 1.20                | -0.85                | 0.85                | -42.4                  | 14.7                    |
| 18,456.0                               | 88.62      | 180.80               | 11,010.5      | -7,415.3      | -471.4        | 0.00                | 0.00                 | 0.00                | -40.8                  | 13.6                    |
| <b>Last MWD Survey (MD=18456.0')</b>   |            |                      |               |               |               |                     |                      |                     |                        |                         |
| 18,604.0                               | 88.62      | 180.80               | 11,014.0      | -7,563.3      | -473.5        | 0.00                | 0.00                 | 0.00                | -36.0                  | 10.6                    |
| <b>Projection to Bit (MD=18604.0')</b> |            |                      |               |               |               |                     |                      |                     |                        |                         |

| Design Annotations          |                             |                   |                 |                                                                             |
|-----------------------------|-----------------------------|-------------------|-----------------|-----------------------------------------------------------------------------|
| Measured<br>Depth<br>(usft) | Vertical<br>Depth<br>(usft) | Local Coordinates |                 | Comment                                                                     |
|                             |                             | +N/-S<br>(usft)   | +E/-W<br>(usft) |                                                                             |
| 10,470.0                    | 10,437.8                    | 209.2             | -518.5          | KOP, MD:10470.0', TVD:10437.8', N/S:209.2', E/W:-518.5', INC:1.14           |
| 10,776.8                    | 10,734.4                    | 147.5             | -508.4          | FTP Crossing, MD:10776.8', TVD:10734.4', N/S:147.5', E/W:-508.4', INC:29.28 |
| 18,456.0                    | 11,010.5                    | -7,415.3          | -471.4          | Last MWD Survey (MD=18456.0')                                               |
| 18,604.0                    | 11,014.0                    | -7,563.3          | -473.5          | Projection to Bit (MD=18604.0')                                             |



Final PVA



|                  |                             |                                     |                       |
|------------------|-----------------------------|-------------------------------------|-----------------------|
| <b>Company:</b>  | Midland                     | <b>Local Co-ordinate Reference:</b> | Well #501H            |
| <b>Project:</b>  | Lea County, NM (NAD 83 NME) | <b>TVD Reference:</b>               | KB = 26' @ 3413.0usft |
| <b>Site:</b>     | Green Drake 16 Fed Com      | <b>MD Reference:</b>                | KB = 26' @ 3413.0usft |
| <b>Well:</b>     | #501H                       | <b>North Reference:</b>             | Grid                  |
| <b>Wellbore:</b> | OH                          | <b>Survey Calculation Method:</b>   | Minimum Curvature     |
| <b>Design:</b>   | OH                          | <b>Database:</b>                    | PEDM                  |

|                   |                    |             |
|-------------------|--------------------|-------------|
| Checked By: _____ | Approved By: _____ | Date: _____ |
|-------------------|--------------------|-------------|

I CERTIFY THIS SURVEY TO BE TRUE AND CORRECT TO THE BEST OF MY BELIEF AND KNOWLEDGE  
KAY MADDOX 08/22/2022



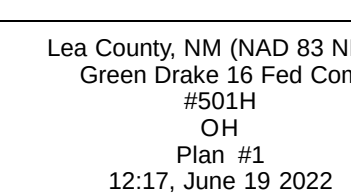


Geodetic System: US State Plane 1983  
Datum: North American Datum 1983  
Ellipsoid: GRS 1980  
Zone: New Mexico Eastern Zone  
System Datum: Mean Sea Level

|           |                       |                 |                   |
|-----------|-----------------------|-----------------|-------------------|
|           |                       |                 | 3387.0            |
|           | KB = 26' @ 3413.0usft |                 |                   |
| Northing  | Easting               | Latitude        | Longitude         |
| 411821.00 | 777332.00             | 32° 7' 47.565 N | 103° 34' 15.473 W |

**Magnetic Field  
Strength: 47344.7nT  
Dip Angle: 59.78°  
Date: 5/10/2022  
Model: IGRF2020**

To convert a Magnetic Direction to a Grid Direction, Add  $6.03^\circ$   
 To convert a Magnetic Direction to a True Direction, Add  $6.43^\circ$  East  
 To convert a True Direction to a Grid Direction, Subtract  $0.41^\circ$





Intent ☐ As Drilled ☐

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

## Kick Off Point (KOP)

|          |         |          |       |     |           |          |      |          |        |
|----------|---------|----------|-------|-----|-----------|----------|------|----------|--------|
| UL       | Section | Township | Range | Lot | Feet      | From N/S | Feet | From E/W | County |
| Latitude |         |          |       |     | Longitude |          |      |          | NAD    |

## First Take Point (FTP)

|          |         |          |       |     |           |          |      |          |        |
|----------|---------|----------|-------|-----|-----------|----------|------|----------|--------|
| UL       | Section | Township | Range | Lot | Feet      | From N/S | Feet | From E/W | County |
| Latitude |         |          |       |     | Longitude |          |      |          | NAD    |

## Last Take Point (LTP)

|          |         |          |       |     |           |          |      |          |        |
|----------|---------|----------|-------|-----|-----------|----------|------|----------|--------|
| UL       | Section | Township | Range | Lot | Feet      | From N/S | Feet | From E/W | County |
| Latitude |         |          |       |     | Longitude |          |      |          | NAD    |

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

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

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

KZ 06/29/2018



|                                                                                                                                                                                                                                                                                                                                                                                       |                                            |                                                                                                                                                                                       |                                                               |                          |                                                            |                                                    |                                                                 |                                                                           |          |               |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------|--------------------------|------------------------------------------------------------|----------------------------------------------------|-----------------------------------------------------------------|---------------------------------------------------------------------------|----------|---------------|
| Submit To Appropriate District Office<br>Two Copies<br><u>District I</u><br>1625 N. French Dr., Hobbs, NM 88240<br><u>District II</u><br>811 S. First St., Artesia, NM 88210<br><u>District III</u><br>1000 Rio Brazos Rd., Aztec, NM 87410<br><u>District IV</u><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 August 1, 2011                |                                                    |                                                                 |                                                                           |          |               |
| WELL COMPLETION OR RECOMPLETION REPORT AND LOG                                                                                                                                                                                                                                                                                                                                        |                                            |                                                                                                                                                                                       |                                                               |                          |                                                            |                                                    |                                                                 |                                                                           |          |               |
| 4. Reason for filing:<br><input checked="" type="checkbox"/> <b>COMPLETION REPORT</b> (Fill in boxes #1 through #31 for State and Fee wells only)<br><br><input type="checkbox"/> <b>C-144 CLOSURE ATTACHMENT</b> (Fill in boxes #1 through #9, #15 Date Rig Released and #32 and/or #33; attach this and the plat to the C-144 closure report in accordance with 19.15.17.13.K NMAC) |                                            |                                                                                                                                                                                       |                                                               |                          |                                                            |                                                    |                                                                 | 5. Lease Name or Unit Agreement Name<br><b>GREEN DRAKE 16 FEDERAL COM</b> |          |               |
|                                                                                                                                                                                                                                                                                                                                                                                       |                                            |                                                                                                                                                                                       |                                                               |                          |                                                            |                                                    |                                                                 | 6. Well Number:<br><b>501H</b>                                            |          |               |
| 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><b>EOG RESOURCES INC</b>                                                                                                                                                                                                                                                                                                                                       |                                            |                                                                                                                                                                                       |                                                               |                          |                                                            |                                                    | 9. OGRID<br><b>7377</b>                                         |                                                                           |          |               |
| 10. Address of Operator<br><b>PO BOX 2267 MIDLAND, TEXAS 79702</b>                                                                                                                                                                                                                                                                                                                    |                                            |                                                                                                                                                                                       |                                                               |                          |                                                            |                                                    | 11. Pool name or Wildcat<br><b>RED HILLS; LOWER BONE SPRING</b> |                                                                           |          |               |
| 12. Location                                                                                                                                                                                                                                                                                                                                                                          | Unit Ltr                                   | Section                                                                                                                                                                               | Township                                                      | Range                    | Lot                                                        | Feet from the                                      | N/S Line                                                        | Feet from the                                                             | E/W Line | County        |
| <b>Surface:</b>                                                                                                                                                                                                                                                                                                                                                                       | I                                          | 16                                                                                                                                                                                    | 25S                                                           | 33E                      |                                                            | 2390                                               | SOUTH                                                           | 676                                                                       | EAST     | LEA           |
| <b>BH:</b>                                                                                                                                                                                                                                                                                                                                                                            | P                                          | 21                                                                                                                                                                                    | 25S                                                           | 33E                      |                                                            | 110                                                | SOUTH                                                           | 1200                                                                      | EAST     | LEA           |
| 13. Date Spudded<br><b>05/01/2022</b>                                                                                                                                                                                                                                                                                                                                                 | 14. Date T.D. Reached<br><b>06/13/2022</b> |                                                                                                                                                                                       | 15. Date Rig Released<br><b>06/14/2022</b>                    |                          | 16. Date Completed (Ready to Produce)<br><b>08/21/2022</b> |                                                    |                                                                 | 17. Elevations (DF and RKB, RT, GR, etc.)<br><b>3405' GL</b>              |          |               |
| 18. Total Measured Depth of Well<br><b>MD 18,604' TVD 11,014'</b>                                                                                                                                                                                                                                                                                                                     |                                            |                                                                                                                                                                                       | 19. Plug Back Measured Depth<br><b>MD 18,583' TVD 11,014'</b> |                          | 20. Was Directional Survey Made?<br><b>YES</b>             |                                                    |                                                                 | 21. Type Electric and Other Logs Run<br><b>None</b>                       |          |               |
| 22. Producing Interval(s), of this completion - Top, Bottom, Name<br><b>BONE SPRING 11,101 - 18,583'</b>                                                                                                                                                                                                                                                                              |                                            |                                                                                                                                                                                       |                                                               |                          |                                                            |                                                    |                                                                 |                                                                           |          |               |
| <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# J-55                                                                                                                                                                            |                                                               | 1182'                    |                                                            | 16"                                                |                                                                 | 805 CL C/CIRC                                                             |          |               |
| 9 5/8"                                                                                                                                                                                                                                                                                                                                                                                |                                            | 40# J-55                                                                                                                                                                              |                                                               | 4920'                    |                                                            | 12 1/4"                                            |                                                                 | 1490 CL C/CIRC                                                            |          |               |
| 5 1/2"                                                                                                                                                                                                                                                                                                                                                                                |                                            | 20# HPP 110                                                                                                                                                                           |                                                               | 18,592'                  |                                                            | 7 7/8"                                             |                                                                 | 2075 CL C & H TOC 3060                                                    |          | CBL           |
|                                                                                                                                                                                                                                                                                                                                                                                       |                                            |                                                                                                                                                                                       |                                                               |                          |                                                            |                                                    |                                                                 |                                                                           |          |               |
|                                                                                                                                                                                                                                                                                                                                                                                       |                                            |                                                                                                                                                                                       |                                                               |                          |                                                            |                                                    |                                                                 |                                                                           |          |               |
| 24. LINER RECORD                                                                                                                                                                                                                                                                                                                                                                      |                                            |                                                                                                                                                                                       |                                                               |                          |                                                            | 25. TUBING RECORD                                  |                                                                 |                                                                           |          |               |
| SIZE                                                                                                                                                                                                                                                                                                                                                                                  | TOP                                        | BOTTOM                                                                                                                                                                                | SACKS CEMENT                                                  | SCREEN                   | SIZE                                                       | DEPTH SET                                          | PACKER SET                                                      |                                                                           |          |               |
|                                                                                                                                                                                                                                                                                                                                                                                       |                                            |                                                                                                                                                                                       |                                                               |                          |                                                            |                                                    |                                                                 |                                                                           |          |               |
|                                                                                                                                                                                                                                                                                                                                                                                       |                                            |                                                                                                                                                                                       |                                                               |                          |                                                            |                                                    |                                                                 |                                                                           |          |               |
| 26. Perforation record (interval, size, and number)<br><br><b>11,101 - 18,583'   3 1/8", 1470 holes</b>                                                                                                                                                                                                                                                                               |                                            |                                                                                                                                                                                       |                                                               |                          |                                                            | 27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.    |                                                                 |                                                                           |          |               |
|                                                                                                                                                                                                                                                                                                                                                                                       |                                            |                                                                                                                                                                                       |                                                               |                          |                                                            | DEPTH INTERVAL                                     |                                                                 | AMOUNT AND KIND MATERIAL USED                                             |          |               |
|                                                                                                                                                                                                                                                                                                                                                                                       |                                            |                                                                                                                                                                                       |                                                               |                          |                                                            | 11,101 - 18,583'                                   |                                                                 | FRAC W/17,976,478 lbs proppant, 265,981 bbls load fld                     |          |               |
|                                                                                                                                                                                                                                                                                                                                                                                       |                                            |                                                                                                                                                                                       |                                                               |                          |                                                            |                                                    |                                                                 |                                                                           |          |               |
| <b>28. PRODUCTION</b>                                                                                                                                                                                                                                                                                                                                                                 |                                            |                                                                                                                                                                                       |                                                               |                          |                                                            |                                                    |                                                                 |                                                                           |          |               |
| Date First Production<br><b>08/21/2022</b>                                                                                                                                                                                                                                                                                                                                            |                                            | Production Method (Flowing, gas lift, pumping - Size and type pump)<br><b>Flowing</b>                                                                                                 |                                                               |                          |                                                            | Well Status (Prod. or Shut-in)<br><b>Producing</b> |                                                                 |                                                                           |          |               |
| Date of Test<br><b>08/27/2022</b>                                                                                                                                                                                                                                                                                                                                                     | Hours Tested<br><b>24</b>                  | Choke Size                                                                                                                                                                            | Prod'n For Test Period                                        | Oil - Bbl<br><b>2289</b> | Gas - MCF<br><b>3767</b>                                   | Water - Bbl.<br><b>6136</b>                        | Gas - Oil Ratio<br><b>1645</b>                                  |                                                                           |          |               |
| Flow Tubing Press.                                                                                                                                                                                                                                                                                                                                                                    | Casing Pressure<br><b>823</b>              | Calculated 24-Hour Rate                                                                                                                                                               | Oil - Bbl.                                                    | Gas - MCF                | Water - Bbl.                                               | Oil Gravity - API - (Corr.)<br><b>45</b>           |                                                                 |                                                                           |          |               |
| 29. Disposition of Gas (Sold, used for fuel, vented, etc.)<br><b>SOLD</b>                                                                                                                                                                                                                                                                                                             |                                            |                                                                                                                                                                                       |                                                               |                          |                                                            |                                                    |                                                                 | 30. Test Witnessed By                                                     |          |               |
| 31. List Attachments<br><b>C-102, C-104, C-103, Directional Survey, H spacing</b>                                                                                                                                                                                                                                                                                                     |                                            |                                                                                                                                                                                       |                                                               |                          |                                                            |                                                    |                                                                 |                                                                           |          |               |
| 32. If a temporary pit was used at the well, attach a plat with the location of the temporary pit.                                                                                                                                                                                                                                                                                    |                                            |                                                                                                                                                                                       |                                                               |                          |                                                            |                                                    |                                                                 |                                                                           |          |               |
| 33. If an on-site burial was used at the well, report the exact location of the on-site burial:<br><div style="text-align: right;">Latitude _____ Longitude _____ NAD 1927 1983</div>                                                                                                                                                                                                 |                                            |                                                                                                                                                                                       |                                                               |                          |                                                            |                                                    |                                                                 |                                                                           |          |               |
| 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<br>Printed<br>Signature <b>Kay Maddox</b> Name <b>Kay Maddox</b> Title <b>Senior Regulatory Specialist</b> Date <b>08/31/2022</b><br>E-mail Address <b>kay_maddox@eogresources.com</b>                                                             |                                            |                                                                                                                                                                                       |                                                               |                          |                                                            |                                                    |                                                                 |                                                                           |          |               |

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

| Southeastern New Mexico |         |       | Northwestern New Mexico |         |       |                    |                  |
|-------------------------|---------|-------|-------------------------|---------|-------|--------------------|------------------|
| T. Anhy                 | Rustler | 1085' | T. Canyon               | Brushy  | 8070' | T. Ojo Alamo       | T. Penn A "      |
| T. Salt                 |         | 1416' | T. Strawn               |         |       | T. Kirtland        | T. Penn. "B"     |
| B. Salt                 |         | 4728' | T. Atoka                |         |       | T. Fruitland       | T. Penn. "C"     |
| T. Yates                |         |       | T. Miss                 |         |       | T. Pictured Cliffs | T. Penn. "D"     |
| T. 7 Rivers             |         |       | T. Devonian             |         |       | T. Cliff House     | T. Leadville     |
| T. Queen                |         |       | T. Silurian             |         |       | T. Menefee         | T. Madison       |
| T. Grayburg             |         |       | T. Montoya              |         |       | T. Point Lookout   | T. Elbert        |
| T. San Andres           |         |       | T. Simpson              |         |       | T. Mancos          | T. McCracken     |
| T. Glorieta             |         |       | T. McKee                |         |       | T. Gallup          | T. Ignacio Otzte |
| T. Paddock              |         |       | T. Ellenburger          |         |       | Base Greenhorn     | T. Granite       |
| T. Blinebry             |         |       | T. Gr. Wash             |         |       | T. Dakota          |                  |
| T. Tubb                 |         |       | T. Delaware Sand        |         |       | T. Morrison        |                  |
| T. Drinkard             |         |       | T. Bone Springs         |         |       | T. Todilto         |                  |
| T. Abo                  |         |       | T. 1st BS Sand          | 10,146' |       | T. Entrada         |                  |
| T. Wolfcamp             |         |       | T.                      |         |       | T. Wingate         |                  |
| T. Penn                 |         |       | T.                      |         |       | T. Chinle          |                  |
| T. Cisco (Bough C)      |         |       | T.                      |         |       | T. Permian         |                  |

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

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.....

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

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

Sante Fe Main Office  
Phone: (505) 476-3441

General Information  
Phone: (505) 629-6116

Online Phone Directory  
<https://www.emnrd.nm.gov/ocd/contact-us>

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

ACKNOWLEDGMENTS

Action 140200

ACKNOWLEDGMENTS

|                                                                             |                                                    |
|-----------------------------------------------------------------------------|----------------------------------------------------|
| Operator:<br>EOG RESOURCES INC<br>5509 Champions Drive<br>Midland, TX 79706 | OGRID:<br>7377                                     |
|                                                                             | Action Number:<br>140200                           |
|                                                                             | Action Type:<br>[C-104] Completion Packet (C-104C) |

ACKNOWLEDGMENTS

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

Sante Fe Main Office  
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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 140200

CONDITIONS

|                                                                             |                                                    |
|-----------------------------------------------------------------------------|----------------------------------------------------|
| Operator:<br>EOG RESOURCES INC<br>5509 Champions Drive<br>Midland, TX 79706 | OGRID:<br>7377                                     |
|                                                                             | Action Number:<br>140200                           |
|                                                                             | Action Type:<br>[C-104] Completion Packet (C-104C) |

CONDITIONS

| Created By | Condition                                                     | Condition Date |
|------------|---------------------------------------------------------------|----------------|
| plmartinez | File 3160-4 Completion Report within 10 days of BLM approval. | 12/6/2024      |