

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 - 025-46101                                                          | <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>503H |

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>2395 | North/South Line<br>SOUTH | Feet from the<br>1300 | East/West line<br>EAST | County<br>LEA |
|--------------------|---------------|-----------------|--------------|---------|-----------------------|---------------------------|-----------------------|------------------------|---------------|

<sup>11</sup> Bottom Hole Location

|                        |                                                |                                   |                                   |         |                                    |                           |                                     |                        |               |
|------------------------|------------------------------------------------|-----------------------------------|-----------------------------------|---------|------------------------------------|---------------------------|-------------------------------------|------------------------|---------------|
| UL or lot no.<br>O     | 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>1776               | 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>04/15/2022 | <sup>22</sup> Ready Date<br>08/21/2022 | <sup>23</sup> TD<br>18,308'        | <sup>24</sup> PBTD<br>18,285' | <sup>25</sup> Perforations<br>10,808 - 18,285' | <sup>26</sup> DHC, MC |
| <sup>27</sup> Hole Size               |                                        | <sup>28</sup> Casing & Tubing Size |                               | <sup>29</sup> Depth Set                        |                       |
| 17 1/2"                               |                                        | 13 3/8"                            |                               | 1165'                                          |                       |
| 12 1/4"                               |                                        | 9 5/8"                             |                               | 4903'                                          |                       |
| 8 1/2"                                |                                        | 5 1/2"                             |                               | 18,293'                                        |                       |
|                                       |                                        |                                    |                               | 2895 SXS CL C & H TOC 371' 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>812 |
| <sup>37</sup> Choke Size                 | <sup>38</sup> Oil<br>2958                     | <sup>39</sup> Water<br>6666           | <sup>40</sup> Gas<br>4395           |                             | <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:<br>Kay Maddox |                        | OIL CONSERVATION DIVISION |  |
| Printed name:<br>Kay Maddox                                                                                                                                                                                                          |                        | Approved by:              |  |
| Title:<br>SENIOR REGULATORY SPECIALIST                                                                                                                                                                                               |                        | Title:                    |  |
| E-mail Address:<br>kay_maddox@eogresources.com                                                                                                                                                                                       |                        | Approval Date:            |  |
| Date:<br>08/31/2022                                                                                                                                                                                                                  | Phone:<br>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

## AS-DRILLED PLAT

|                                                |                                                             |                                                               |
|------------------------------------------------|-------------------------------------------------------------|---------------------------------------------------------------|
| <sup>1</sup> API Number<br><b>30-025-46101</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>503H</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>3389'</b>                        |

<sup>10</sup>Surface Location

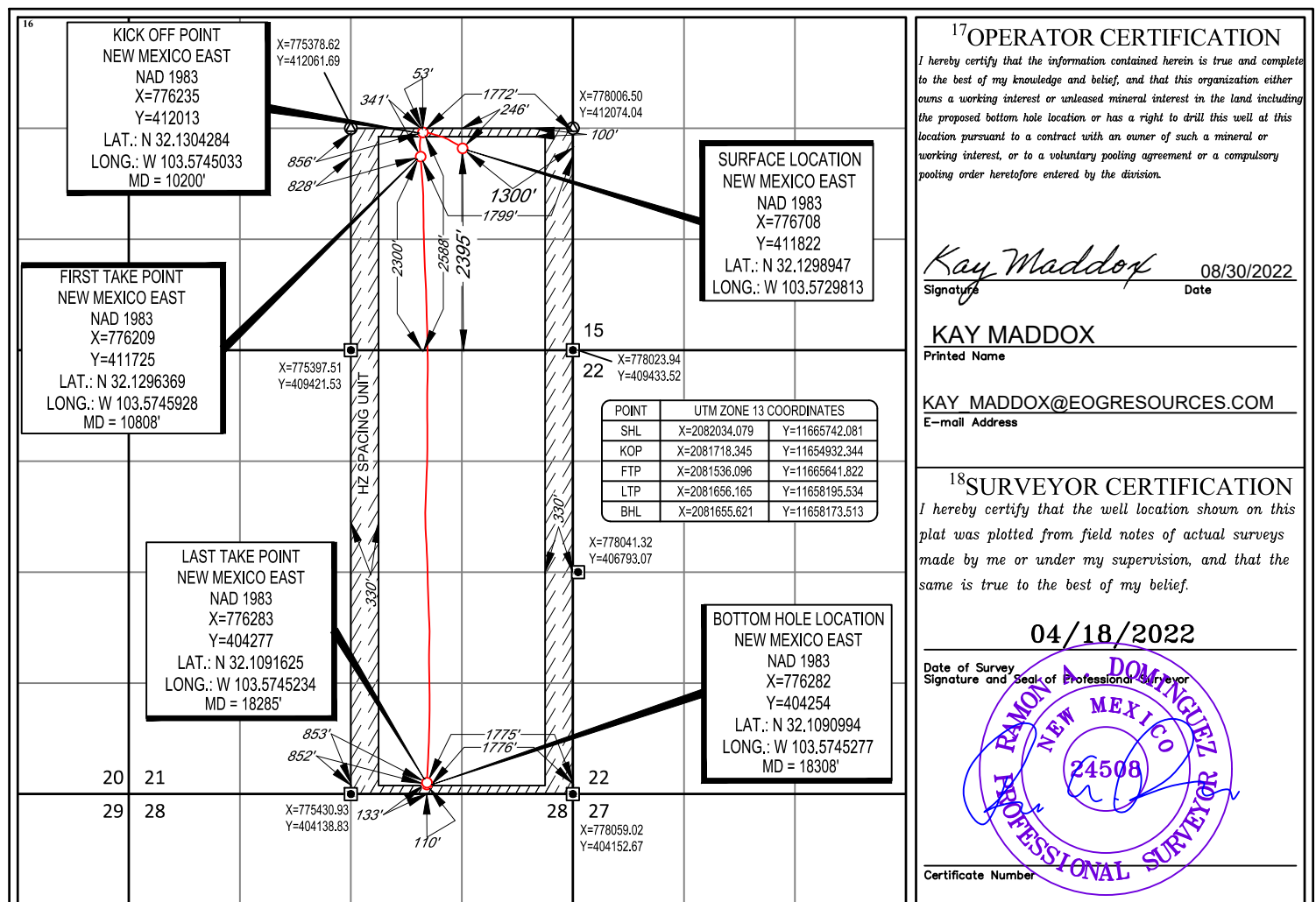
| UL or lot no. | Section   | Township    | Range       | Lot Idn  | Feet from the | North/South line | Feet from the | East/West line | County     |
|---------------|-----------|-------------|-------------|----------|---------------|------------------|---------------|----------------|------------|
| <b>I</b>      | <b>16</b> | <b>25-S</b> | <b>33-E</b> | <b>-</b> | <b>2395'</b>  | <b>SOUTH</b>     | <b>1300'</b>  | <b>EAST</b>    | <b>LEA</b> |

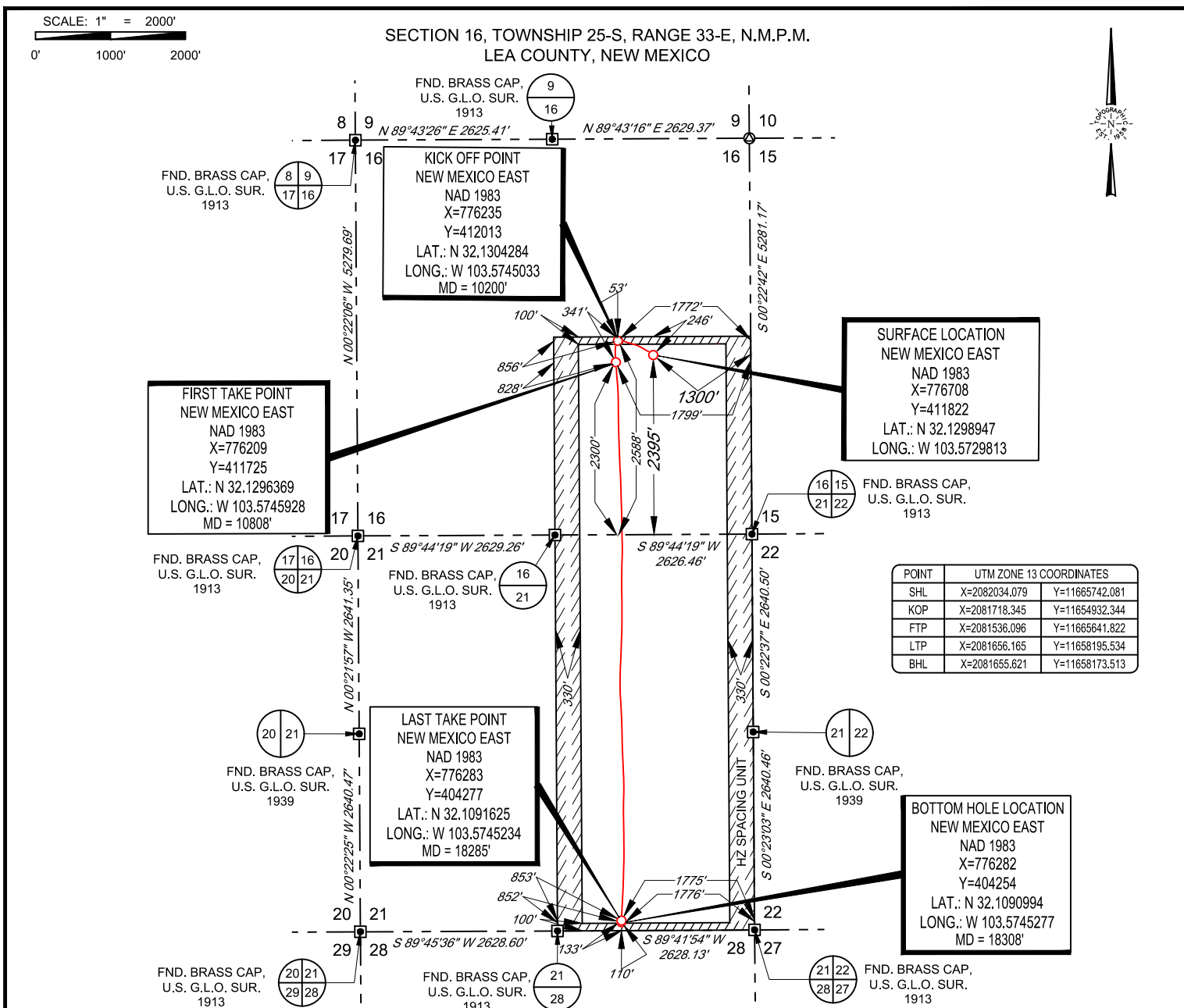
<sup>11</sup>Bottom Hole Location If Different From Surface

| UL or lot no. | Section   | Township    | Range       | Lot Idn  | Feet from the | North/South line | Feet from the | East/West line | County     |
|---------------|-----------|-------------|-------------|----------|---------------|------------------|---------------|----------------|------------|
| <b>0</b>      | <b>21</b> | <b>25-S</b> | <b>33-E</b> | <b>-</b> | <b>110'</b>   | <b>SOUTH</b>     | <b>1776'</b>  | <b>EAST</b>    | <b>LEA</b> |

|                                                |                               |                                  |                         |
|------------------------------------------------|-------------------------------|----------------------------------|-------------------------|
| <sup>12</sup> Dedicated Acres<br><b>480.00</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 503H

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

COUNTY LEA STATE NM ELEVATION 3389'

DESCRIPTION 2395' FSL & 1300' 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 11, 2022



GREEN DRAKE 16 FED COM  
503H  
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: 08/09/2022

FILE: AD\_GREEN\_DRAKE\_16\_FED\_COM\_503H

DRAWN BY: A.V.F.

SHEET: 2 OF 2



Lea County, NM (NAD 83 NME)

Green Drake 16 Fed Com #503H

Nabors 892

OH

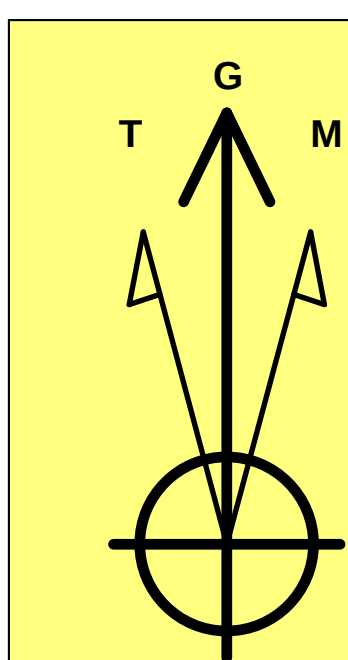
PROJECT DETAILS: Lea County, NM (NAD 83 NME)

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

WELL DETAILS: #503H

KB = 27' @ 3416.0usft (Nabors 892)

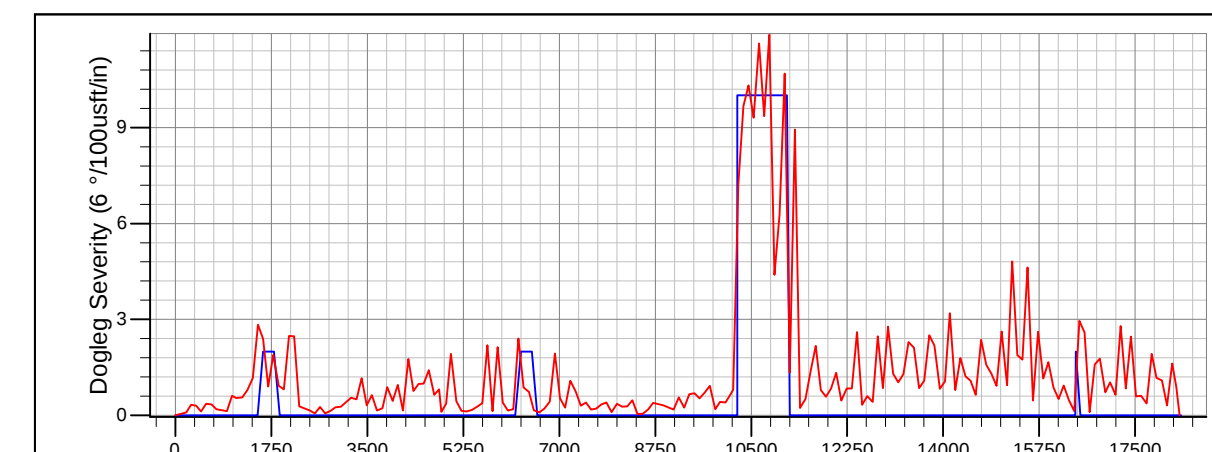
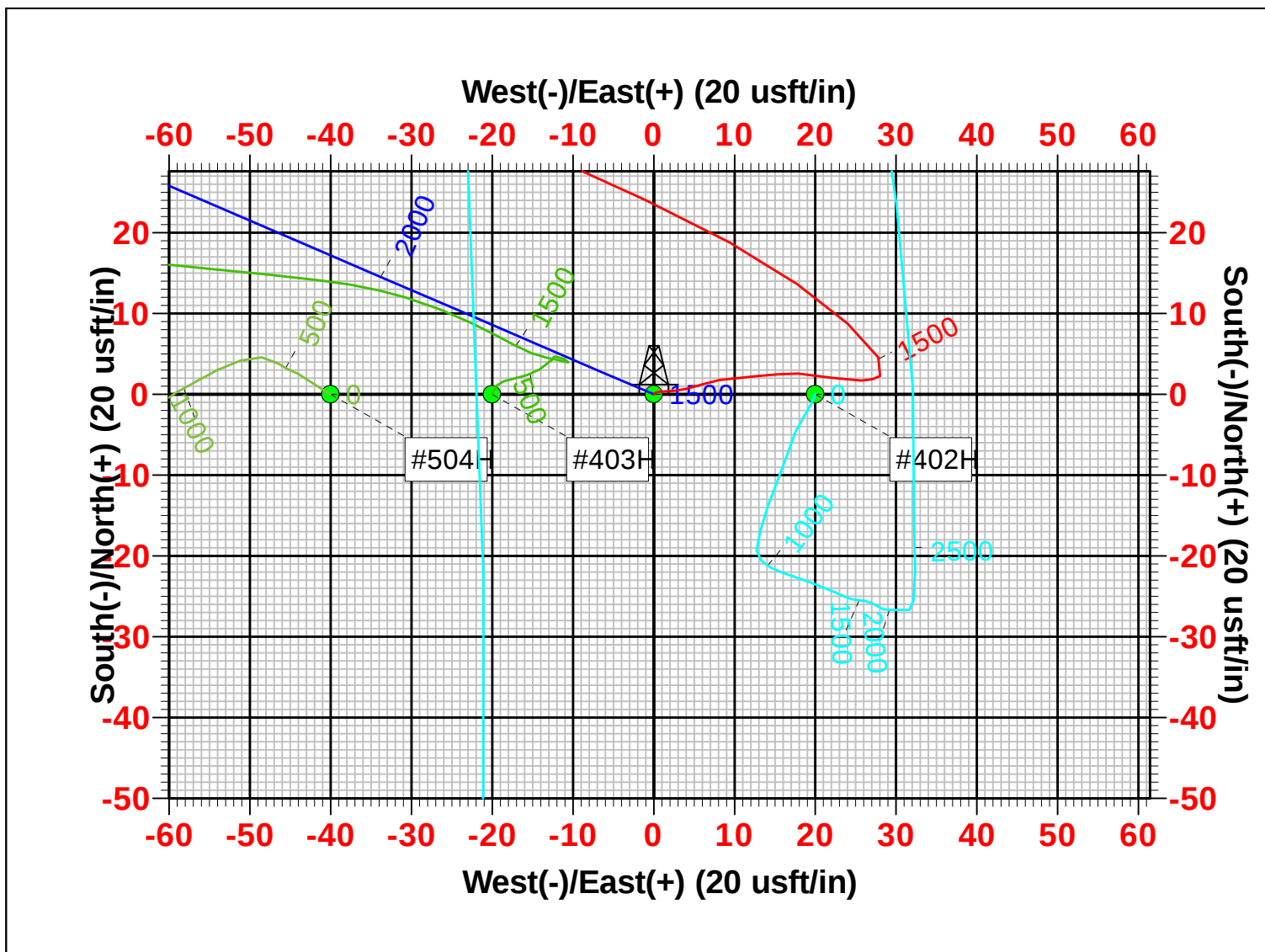
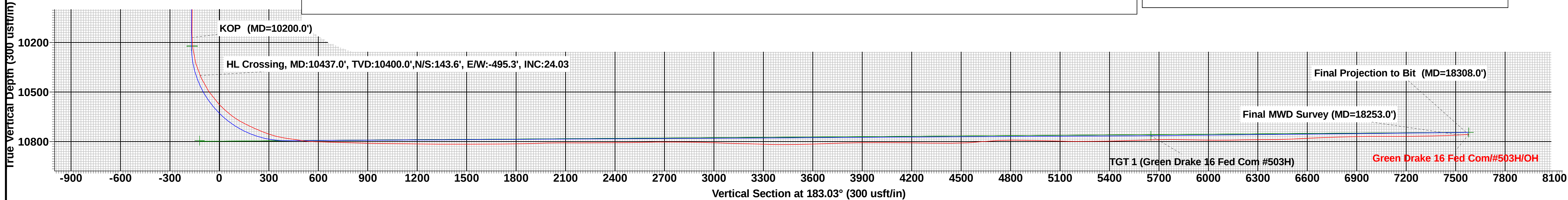
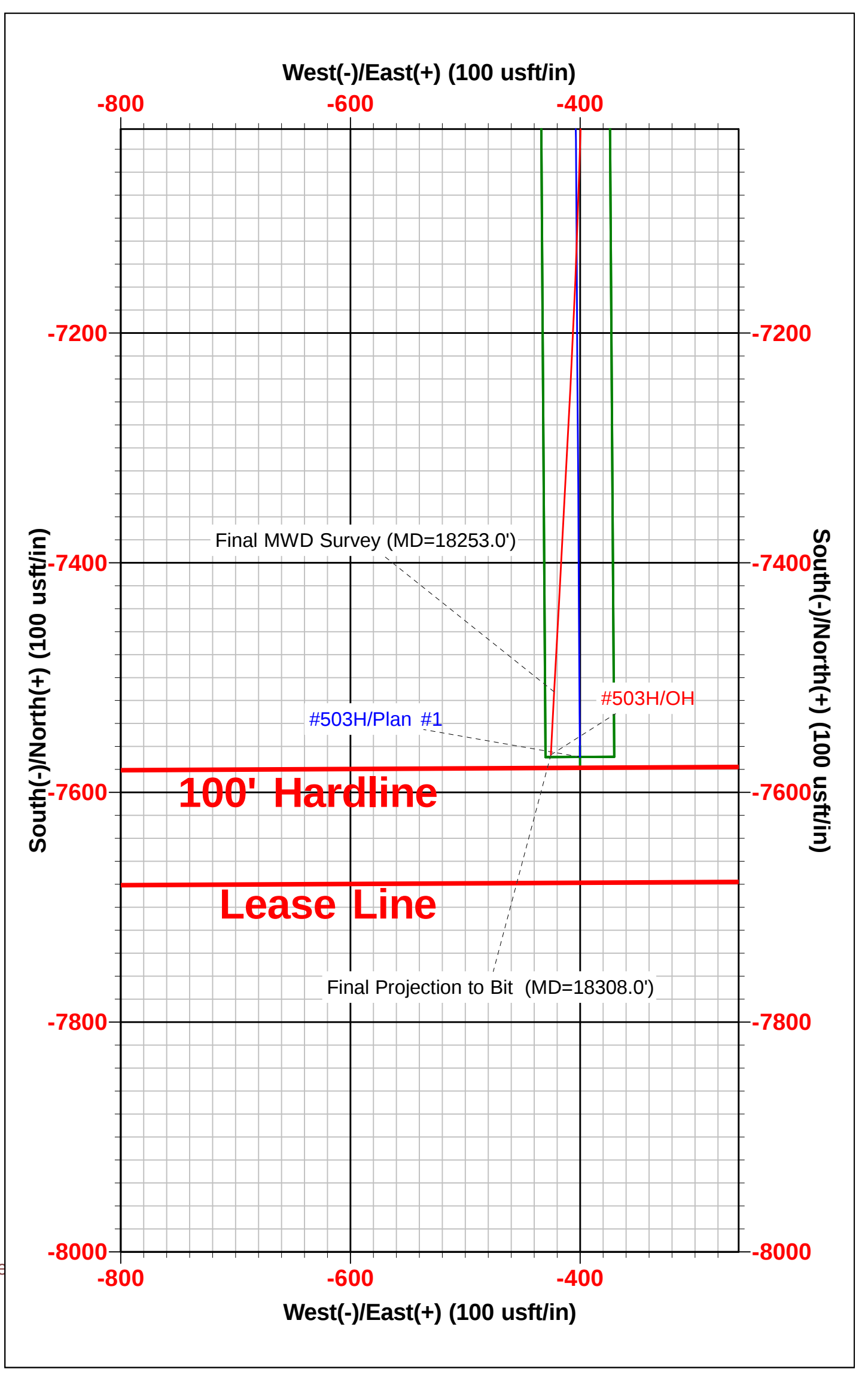
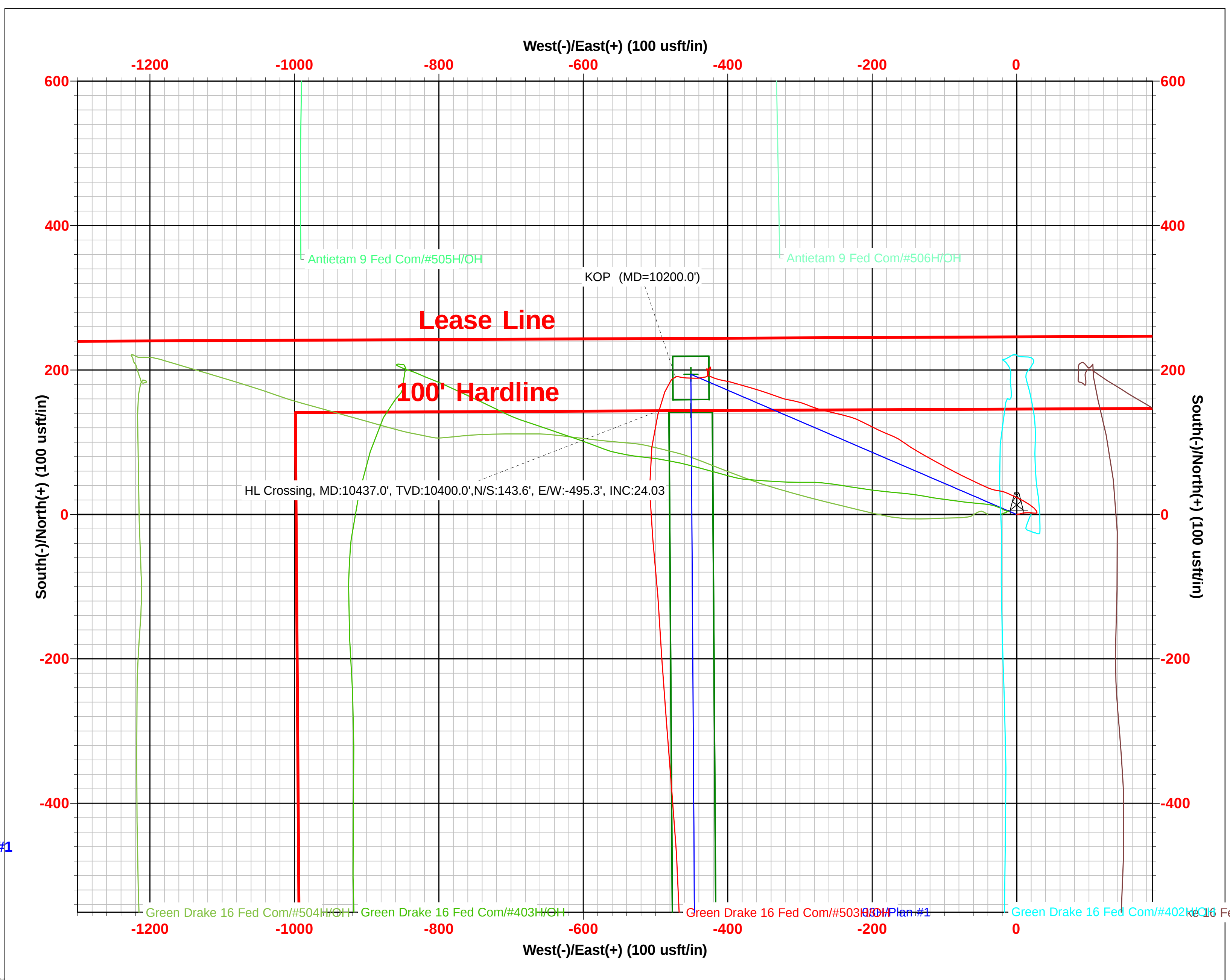
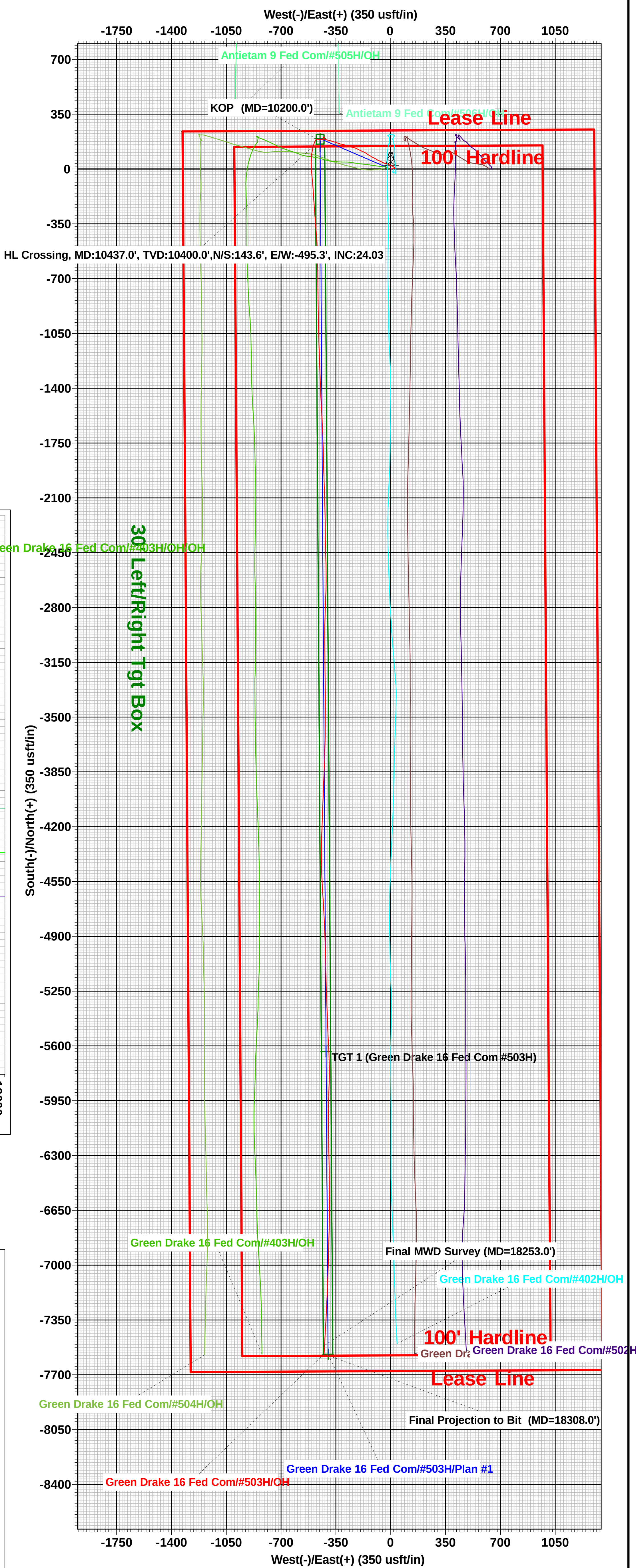
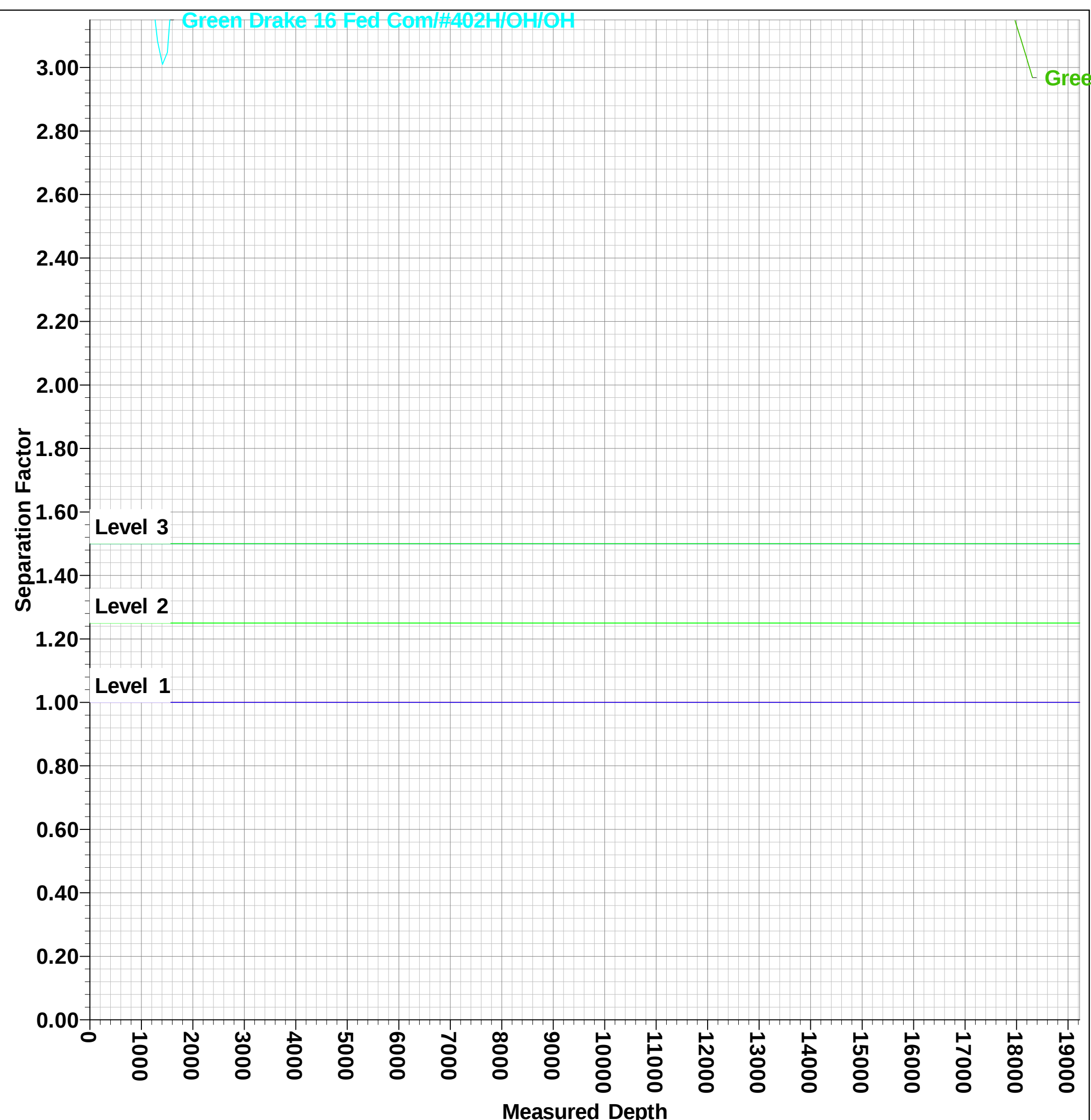
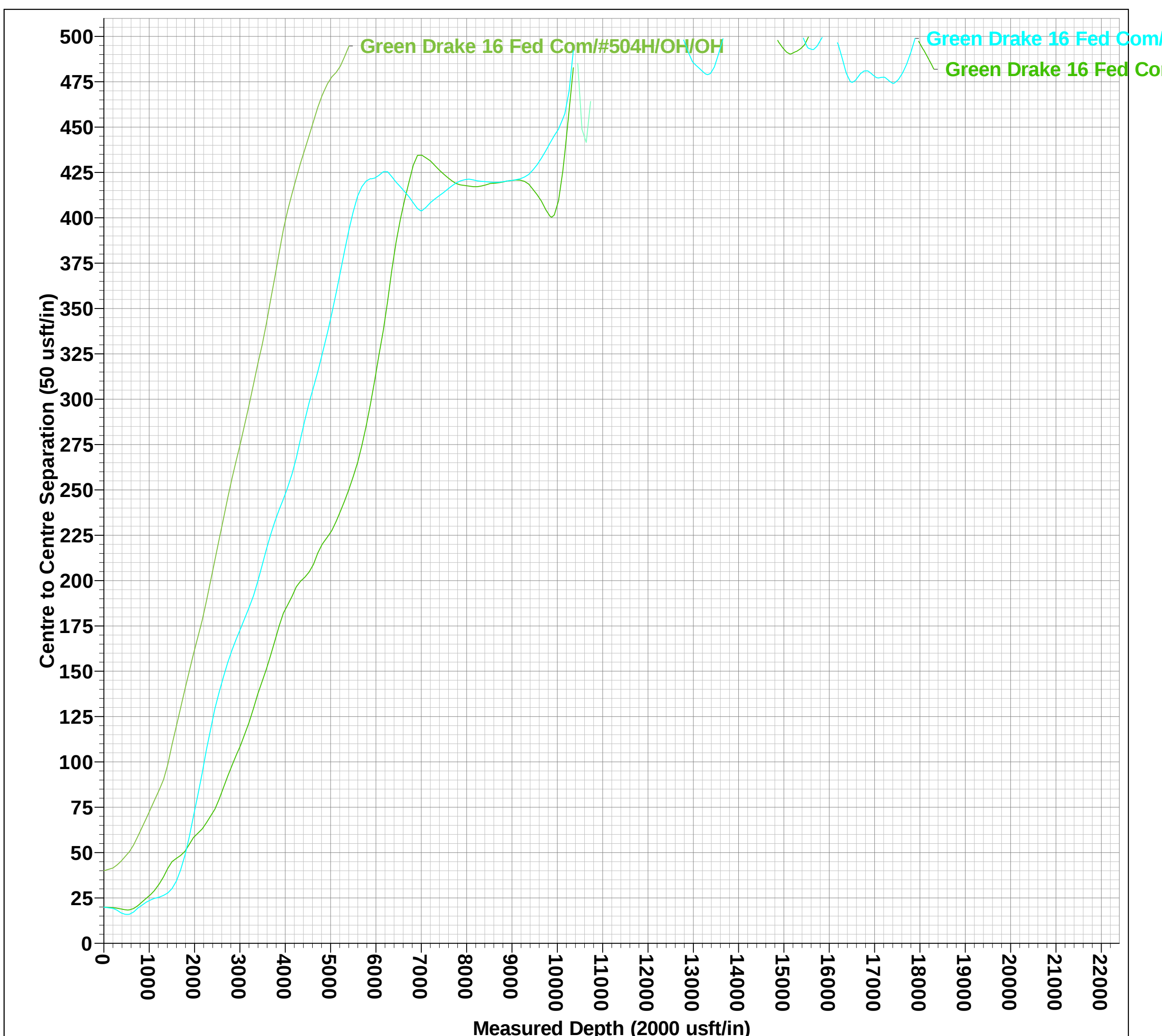
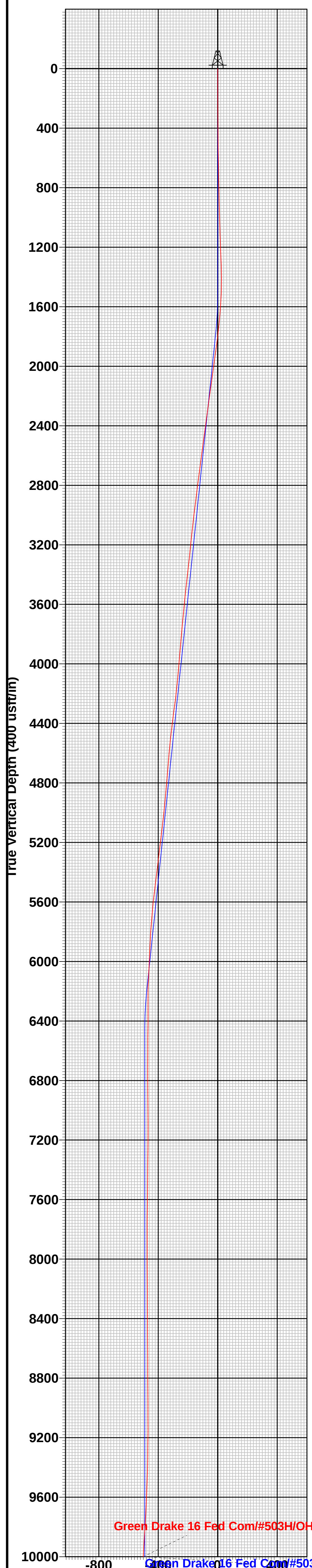
|           |           |                 |                   |
|-----------|-----------|-----------------|-------------------|
| Northings | Easting   | Latitude        | Longitude         |
| 411822.00 | 776708.00 | 32° 7' 47.619 N | 103° 34' 22.729 W |



Azimuths to Grid North  
True North: -0.40°  
Magnetic North: 6.03°

Magnetic Field  
Strength: 47345.9nT  
Dip Angle: 59.78°  
Date: 5/5/2022  
Model: IGRF2020

To convert a Magnetic Direction to a Grid Direction, Add 6.03°  
To convert a Magnetic Direction to a True Direction, Add 6.43° East  
To convert a True Direction to a Grid Direction, Subtract 0.40°





## Midland

Lea County, NM (NAD 83 NME)

Green Drake 16 Fed Com

#503H

OH

Design: OH

## Final PVA

12 July, 2022



Final PVA

|                  |                             |                                     |                                    |
|------------------|-----------------------------|-------------------------------------|------------------------------------|
| <b>Company:</b>  | Midland                     | <b>Local Co-ordinate Reference:</b> | Well #503H                         |
| <b>Project:</b>  | Lea County, NM (NAD 83 NME) | <b>TVD Reference:</b>               | KB = 27' @ 3416.0usft (Nabors 892) |
| <b>Site:</b>     | Green Drake 16 Fed Com      | <b>MD Reference:</b>                | KB = 27' @ 3416.0usft (Nabors 892) |
| <b>Well:</b>     | #503H                       | <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                 |       | #503H    |                     |                 |               |                   |
|----------------------|-------|----------|---------------------|-----------------|---------------|-------------------|
| Well Position        | +N/-S | 0.0 usft | Northing:           | 411,822.00 usft | Latitude:     | 32° 7' 47.619 N   |
|                      | +E/-W | 0.0 usft | Easting:            | 776,708.00 usft | Longitude:    | 103° 34' 22.729 W |
| Position Uncertainty |       | 0.0 usft | Wellhead Elevation: | usft            | Ground Level: | 3,389.0 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          | 5/5/2022           | 6.43                   | 59.78                | 47,345.90177475            |

|                          |                                |                     |                     |                      |     |
|--------------------------|--------------------------------|---------------------|---------------------|----------------------|-----|
| <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                 | 183.03               |     |

|                       |                  |                          |                  |                    |  |
|-----------------------|------------------|--------------------------|------------------|--------------------|--|
| <b>Survey Program</b> | <b>Date</b>      | 7/12/2022                |                  |                    |  |
| <b>From (usft)</b>    | <b>To (usft)</b> | <b>Survey (Wellbore)</b> | <b>Tool Name</b> | <b>Description</b> |  |
| 199.0                 | 18,308.0         | Stryker MWD #1 (OH)      | EOG MWD+IFR1     | MWD + IFR1         |  |



## Final PVA

|                  |                             |                                     |                                    |
|------------------|-----------------------------|-------------------------------------|------------------------------------|
| <b>Company:</b>  | Midland                     | <b>Local Co-ordinate Reference:</b> | Well #503H                         |
| <b>Project:</b>  | Lea County, NM (NAD 83 NME) | <b>TVD Reference:</b>               | KB = 27' @ 3416.0usft (Nabors 892) |
| <b>Site:</b>     | Green Drake 16 Fed Com      | <b>MD Reference:</b>                | KB = 27' @ 3416.0usft (Nabors 892) |
| <b>Well:</b>     | #503H                       | <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                     |  |
| 199.0        | 0.18       | 46.98                | 199.0         | 0.2           | 0.2           | 0.09                | 0.09                 | 0.00                | -0.3                   | 0.0                     |  |
| 289.0        | 0.40       | 90.75                | 289.0         | 0.3           | 0.6           | 0.33                | 0.24                 | 48.63               | -0.6                   | 0.3                     |  |
| 379.0        | 0.66       | 82.49                | 379.0         | 0.4           | 1.5           | 0.30                | 0.29                 | -9.18               | -1.5                   | 0.2                     |  |
| 468.0        | 0.75       | 88.03                | 468.0         | 0.5           | 2.6           | 0.13                | 0.10                 | 6.22                | -2.6                   | 0.4                     |  |
| 563.0        | 1.05       | 76.95                | 563.0         | 0.7           | 4.0           | 0.36                | 0.32                 | -11.66              | -4.1                   | -0.3                    |  |
| 657.0        | 1.36       | 72.03                | 657.0         | 1.2           | 5.9           | 0.35                | 0.33                 | -5.23               | -6.0                   | -0.7                    |  |
| 750.0        | 1.41       | 79.06                | 749.9         | 1.8           | 8.1           | 0.19                | 0.05                 | 7.56                | -8.3                   | 0.2                     |  |
| 939.0        | 1.36       | 89.52                | 938.9         | 2.2           | 12.6          | 0.14                | -0.03                | 5.53                | -12.7                  | 2.1                     |  |
| 1,033.0      | 1.89       | 81.35                | 1,032.8       | 2.5           | 15.3          | 0.61                | 0.56                 | -8.69               | -15.5                  | 0.1                     |  |
| 1,111.0      | 1.93       | 93.91                | 1,110.8       | 2.6           | 17.9          | 0.54                | 0.05                 | 16.10               | -17.6                  | 3.8                     |  |
| 1,222.0      | 2.51       | 99.80                | 1,221.7       | 2.0           | 22.1          | 0.56                | 0.52                 | 5.31                | -21.5                  | 5.8                     |  |
| 1,316.0      | 1.89       | 88.73                | 1,315.6       | 1.7           | 25.7          | 0.80                | -0.66                | -11.78              | -25.7                  | 1.2                     |  |
| 1,410.0      | 1.14       | 57.00                | 1,409.6       | 2.3           | 28.0          | 1.17                | -0.80                | -33.76              | -24.7                  | -13.4                   |  |
| 1,505.0      | 2.51       | 330.60               | 1,504.6       | 4.6           | 27.8          | 2.83                | 1.44                 | -90.95              | 9.6                    | -26.5                   |  |
| 1,599.0      | 4.44       | 310.65               | 1,598.4       | 8.8           | 24.0          | 2.39                | 2.05                 | -21.22              | 14.1                   | -22.8                   |  |
| 1,694.0      | 5.19       | 305.73               | 1,693.1       | 13.7          | 17.8          | 0.90                | 0.79                 | -5.18               | 12.8                   | -22.8                   |  |
| 1,789.0      | 6.81       | 298.26               | 1,787.5       | 18.8          | 9.3           | 1.89                | 1.71                 | -7.86               | 13.6                   | -22.2                   |  |
| 1,882.0      | 7.60       | 295.54               | 1,879.8       | 24.1          | -1.1          | 0.93                | 0.85                 | -2.92               | 12.7                   | -22.2                   |  |
| 1,977.0      | 8.31       | 293.43               | 1,973.9       | 29.5          | -13.1         | 0.81                | 0.75                 | -2.22               | 10.2                   | -22.0                   |  |
| 2,073.0      | 8.09       | 276.73               | 2,068.9       | 33.1          | -26.1         | 2.48                | -0.23                | -17.40              | 12.3                   | -17.3                   |  |
| 2,168.0      | 8.00       | 293.60               | 2,163.0       | 36.5          | -38.8         | 2.48                | -0.09                | 17.76               | 3.6                    | -18.2                   |  |
| 2,262.0      | 7.78       | 294.66               | 2,256.1       | 41.8          | -50.6         | 0.28                | -0.23                | 1.13                | 0.2                    | -18.4                   |  |
| 2,451.0      | 7.60       | 296.42               | 2,443.4       | 52.7          | -73.4         | 0.16                | -0.10                | 0.93                | -6.0                   | -19.1                   |  |
| 2,545.0      | 7.60       | 296.85               | 2,536.6       | 58.3          | -84.5         | 0.06                | 0.00                 | 0.46                | -8.8                   | -19.6                   |  |
| 2,639.0      | 7.52       | 298.61               | 2,629.8       | 64.0          | -95.5         | 0.26                | -0.09                | 1.87                | -12.0                  | -20.1                   |  |
| 2,733.0      | 7.47       | 298.79               | 2,723.0       | 69.9          | -106.2        | 0.06                | -0.05                | 0.19                | -14.5                  | -20.9                   |  |



## Final PVA

|                  |                             |                                     |                                    |
|------------------|-----------------------------|-------------------------------------|------------------------------------|
| <b>Company:</b>  | Midland                     | <b>Local Co-ordinate Reference:</b> | Well #503H                         |
| <b>Project:</b>  | Lea County, NM (NAD 83 NME) | <b>TVD Reference:</b>               | KB = 27' @ 3416.0usft (Nabors 892) |
| <b>Site:</b>     | Green Drake 16 Fed Com      | <b>MD Reference:</b>                | KB = 27' @ 3416.0usft (Nabors 892) |
| <b>Well:</b>     | #503H                       | <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) |  |
| 2,827.0      | 7.34       | 299.14               | 2,816.2       | 75.8          | -116.8        | 0.15                | -0.14                | 0.37                | -17.0                  | -21.8                   |  |
| 2,921.0      | 7.12       | 299.84               | 2,909.4       | 81.6          | -127.1        | 0.25                | -0.23                | 0.74                | -19.4                  | -22.7                   |  |
| 3,016.0      | 6.86       | 299.93               | 3,003.7       | 87.4          | -137.2        | 0.27                | -0.27                | 0.09                | -21.1                  | -23.8                   |  |
| 3,205.0      | 6.02       | 305.64               | 3,191.5       | 98.8          | -155.0        | 0.56                | -0.44                | 3.02                | -25.3                  | -24.7                   |  |
| 3,300.0      | 5.98       | 301.07               | 3,286.0       | 104.2         | -163.3        | 0.50                | -0.04                | -4.81               | -23.3                  | -28.3                   |  |
| 3,395.0      | 6.46       | 291.84               | 3,380.5       | 108.8         | -172.5        | 1.17                | 0.51                 | -9.72               | -18.8                  | -32.2                   |  |
| 3,490.0      | 6.20       | 293.08               | 3,474.9       | 112.8         | -182.2        | 0.31                | -0.27                | 1.31                | -20.0                  | -31.7                   |  |
| 3,584.0      | 5.71       | 296.33               | 3,568.4       | 116.8         | -191.0        | 0.63                | -0.52                | 3.46                | -21.7                  | -30.7                   |  |
| 3,679.0      | 5.58       | 297.03               | 3,662.9       | 121.0         | -199.4        | 0.15                | -0.14                | 0.74                | -21.5                  | -31.0                   |  |
| 3,773.0      | 5.45       | 295.27               | 3,756.5       | 125.0         | -207.5        | 0.23                | -0.14                | -1.87               | -19.8                  | -32.2                   |  |
| 3,866.0      | 4.66       | 298.08               | 3,849.1       | 128.7         | -214.8        | 0.89                | -0.85                | 3.02                | -19.9                  | -31.8                   |  |
| 3,961.0      | 4.70       | 292.90               | 3,943.8       | 132.0         | -221.8        | 0.45                | 0.04                 | -5.45               | -14.7                  | -33.7                   |  |
| 4,055.0      | 5.32       | 285.43               | 4,037.4       | 134.7         | -229.6        | 0.96                | 0.66                 | -7.95               | -8.7                   | -34.5                   |  |
| 4,150.0      | 5.45       | 284.90               | 4,132.0       | 137.0         | -238.2        | 0.15                | 0.14                 | -0.56               | -7.5                   | -33.2                   |  |
| 4,245.0      | 7.12       | 283.85               | 4,226.4       | 139.6         | -248.2        | 1.76                | 1.76                 | -1.11               | -7.5                   | -31.7                   |  |
| 4,339.0      | 7.82       | 282.62               | 4,319.6       | 142.3         | -260.1        | 0.76                | 0.74                 | -1.31               | -9.4                   | -30.2                   |  |
| 4,434.0      | 6.95       | 285.25               | 4,413.9       | 145.3         | -272.0        | 0.98                | -0.92                | 2.77                | -13.1                  | -28.1                   |  |
| 4,528.0      | 6.29       | 290.96               | 4,507.2       | 148.6         | -282.3        | 0.99                | -0.70                | 6.07                | -16.9                  | -25.7                   |  |
| 4,622.0      | 4.97       | 292.55               | 4,600.8       | 152.0         | -290.9        | 1.41                | -1.40                | 1.69                | -17.0                  | -24.9                   |  |
| 4,717.0      | 4.53       | 287.45               | 4,695.4       | 154.7         | -298.2        | 0.64                | -0.46                | -5.37               | -12.7                  | -25.7                   |  |
| 4,811.0      | 5.14       | 282.09               | 4,789.1       | 156.7         | -305.9        | 0.81                | 0.65                 | -5.70               | -8.5                   | -25.2                   |  |
| 4,847.0      | 5.10       | 282.18               | 4,825.0       | 157.4         | -309.0        | 0.11                | -0.11                | 0.25                | -8.0                   | -24.5                   |  |
| 4,934.0      | 4.84       | 280.15               | 4,911.6       | 158.8         | -316.4        | 0.36                | -0.30                | -2.33               | -5.8                   | -22.8                   |  |
| 5,028.0      | 6.46       | 288.50               | 5,005.2       | 161.2         | -325.3        | 1.93                | 1.72                 | 8.88                | -8.5                   | -20.3                   |  |
| 5,123.0      | 6.86       | 289.65               | 5,099.5       | 164.8         | -335.8        | 0.44                | 0.42                 | 1.21                | -10.0                  | -19.4                   |  |
| 5,217.0      | 6.81       | 288.59               | 5,192.9       | 168.5         | -346.3        | 0.14                | -0.05                | -1.13               | -11.1                  | -18.9                   |  |
| 5,311.0      | 6.86       | 287.71               | 5,286.2       | 172.0         | -357.0        | 0.12                | 0.05                 | -0.94               | -12.2                  | -18.2                   |  |



## Final PVA

**Company:** Midland  
**Project:** Lea County, NM (NAD 83 NME)  
**Site:** Green Drake 16 Fed Com  
**Well:** #503H  
**Wellbore:** OH  
**Design:** OH

**Local Co-ordinate Reference:** Well #503H  
**TVD Reference:** KB = 27' @ 3416.0usft (Nabors 892)  
**MD Reference:** KB = 27' @ 3416.0usft (Nabors 892)  
**North Reference:** Grid  
**Survey Calculation Method:** Minimum Curvature  
**Database:** 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) |
| 5,407.0      | 6.95       | 286.57               | 5,381.5       | 175.4         | -368.0        | 0.17                | 0.09                 | -1.19               | -13.5                  | -17.4                   |
| 5,501.0      | 7.12       | 284.99               | 5,474.8       | 178.5         | -379.1        | 0.27                | 0.18                 | -1.68               | -14.8                  | -16.5                   |
| 5,596.0      | 6.81       | 286.57               | 5,569.1       | 181.6         | -390.1        | 0.38                | -0.33                | 1.66                | -16.9                  | -14.7                   |
| 5,690.0      | 4.79       | 282.35               | 5,662.6       | 184.1         | -399.3        | 2.19                | -2.15                | -4.49               | -15.6                  | -14.5                   |
| 5,784.0      | 4.79       | 280.77               | 5,756.3       | 185.6         | -407.0        | 0.14                | 0.00                 | -1.68               | -13.5                  | -12.9                   |
| 5,878.0      | 2.81       | 285.60               | 5,850.1       | 187.0         | -413.1        | 2.13                | -2.11                | 5.14                | -11.0                  | -10.1                   |
| 5,973.0      | 2.51       | 290.70               | 5,945.0       | 188.4         | -417.3        | 0.40                | -0.32                | 5.37                | -6.3                   | -8.4                    |
| 6,067.0      | 2.64       | 291.93               | 6,038.9       | 189.9         | -421.2        | 0.15                | 0.14                 | 1.31                | -0.9                   | -8.0                    |
| 6,162.0      | 2.64       | 295.89               | 6,133.8       | 191.7         | -425.2        | 0.19                | 0.00                 | 4.17                | 4.1                    | -8.2                    |
| 6,257.0      | 1.05       | 354.60               | 6,228.7       | 193.5         | -427.3        | 2.40                | -1.67                | 61.80               | -2.4                   | -14.2                   |
| 6,350.0      | 0.97       | 41.44                | 6,321.7       | 194.9         | -426.8        | 0.87                | -0.09                | 50.37               | -15.4                  | -13.6                   |
| 6,446.0      | 1.01       | 359.87               | 6,417.7       | 196.4         | -426.3        | 0.73                | 0.04                 | -43.30              | -2.5                   | -24.2                   |
| 6,540.0      | 0.97       | 8.75                 | 6,511.7       | 198.0         | -426.2        | 0.17                | -0.04                | 9.45                | -7.7                   | -23.9                   |
| 6,635.0      | 1.05       | 10.15                | 6,606.7       | 199.6         | -425.9        | 0.09                | 0.08                 | 1.47                | -10.0                  | -23.7                   |
| 6,730.0      | 1.23       | 14.73                | 6,701.7       | 201.5         | -425.5        | 0.21                | 0.19                 | 4.82                | -13.7                  | -22.8                   |
| 6,825.0      | 1.41       | 30.90                | 6,796.6       | 203.5         | -424.6        | 0.43                | 0.19                 | 17.02               | -21.7                  | -17.8                   |
| 6,919.0      | 0.62       | 153.33               | 6,890.6       | 204.0         | -423.8        | 1.94                | -0.84                | 130.24              | -3.3                   | 28.8                    |
| 7,014.0      | 0.92       | 184.79               | 6,985.6       | 202.8         | -423.6        | 0.53                | 0.32                 | 33.12               | 11.0                   | 26.5                    |
| 7,108.0      | 1.10       | 176.97               | 7,079.6       | 201.1         | -423.6        | 0.24                | 0.19                 | -8.32               | 5.7                    | 27.7                    |
| 7,202.0      | 0.31       | 243.15               | 7,173.6       | 200.1         | -423.8        | 1.08                | -0.84                | 70.40               | 27.0                   | 6.8                     |
| 7,297.0      | 0.84       | 297.73               | 7,268.6       | 200.3         | -424.7        | 0.74                | 0.56                 | 57.45               | 20.4                   | -17.9                   |
| 7,391.0      | 0.62       | 312.67               | 7,362.6       | 201.0         | -425.7        | 0.31                | -0.23                | 15.89               | 13.9                   | -22.3                   |
| 7,486.0      | 0.57       | 275.67               | 7,457.6       | 201.4         | -426.5        | 0.40                | -0.05                | -38.95              | 23.7                   | -9.8                    |
| 7,580.0      | 0.44       | 262.05               | 7,551.6       | 201.4         | -427.3        | 0.19                | -0.14                | -14.49              | 24.5                   | -4.0                    |
| 7,675.0      | 0.62       | 273.30               | 7,646.6       | 201.4         | -428.2        | 0.22                | 0.19                 | 11.84               | 22.3                   | -8.7                    |
| 7,768.0      | 0.35       | 293.78               | 7,739.6       | 201.5         | -429.0        | 0.34                | -0.29                | 22.02               | 17.1                   | -15.8                   |
| 7,863.0      | 0.22       | 210.99               | 7,834.6       | 201.5         | -429.3        | 0.41                | -0.14                | -87.15              | 17.6                   | 14.7                    |



## Final PVA

|                  |                             |                                     |                                    |
|------------------|-----------------------------|-------------------------------------|------------------------------------|
| <b>Company:</b>  | Midland                     | <b>Local Co-ordinate Reference:</b> | Well #503H                         |
| <b>Project:</b>  | Lea County, NM (NAD 83 NME) | <b>TVD Reference:</b>               | KB = 27' @ 3416.0usft (Nabors 892) |
| <b>Site:</b>     | Green Drake 16 Fed Com      | <b>MD Reference:</b>                | KB = 27' @ 3416.0usft (Nabors 892) |
| <b>Well:</b>     | #503H                       | <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) |  |
| 7,957.0           | 0.31       | 201.14               | 7,928.6       | 201.1         | -429.5        | 0.11                | 0.10                 | -10.48              | 14.4                   | 17.5                    |  |
| 8,051.0           | 0.31       | 134.70               | 8,022.6       | 200.7         | -429.4        | 0.36                | 0.00                 | -70.68              | -10.7                  | 19.9                    |  |
| 8,146.0           | 0.40       | 94.44                | 8,117.6       | 200.5         | -428.9        | 0.27                | 0.09                 | -42.38              | -21.5                  | 8.1                     |  |
| 8,240.0           | 0.13       | 89.08                | 8,211.6       | 200.4         | -428.5        | 0.29                | -0.29                | -5.70               | -22.6                  | 6.1                     |  |
| 8,335.0           | 0.44       | 174.42               | 8,306.6       | 200.1         | -428.3        | 0.47                | 0.33                 | 89.83               | 3.8                    | 23.2                    |  |
| 8,429.0           | 0.48       | 172.23               | 8,400.6       | 199.3         | -428.2        | 0.05                | 0.04                 | -2.33               | 2.2                    | 23.3                    |  |
| 8,523.0           | 0.53       | 173.63               | 8,494.6       | 198.5         | -428.1        | 0.05                | 0.05                 | 1.49                | 1.9                    | 23.2                    |  |
| 8,617.0           | 0.53       | 192.18               | 8,588.6       | 197.6         | -428.2        | 0.18                | 0.00                 | 19.73               | 8.4                    | 21.5                    |  |
| 8,711.0           | 0.70       | 161.24               | 8,682.5       | 196.7         | -428.1        | 0.39                | 0.18                 | -32.91              | -4.8                   | 22.6                    |  |
| 8,805.0           | 0.53       | 188.49               | 8,776.5       | 195.7         | -428.0        | 0.35                | -0.18                | 28.99               | 5.1                    | 22.5                    |  |
| 8,900.0           | 0.79       | 174.69               | 8,871.5       | 194.6         | -428.0        | 0.32                | 0.27                 | -14.53              | -1.5                   | 23.0                    |  |
| 8,995.0           | 0.66       | 189.71               | 8,966.5       | 193.4         | -428.0        | 0.24                | -0.14                | 15.81               | 3.3                    | 22.8                    |  |
| 9,088.0           | 0.62       | 175.39               | 9,059.5       | 192.4         | -428.0        | 0.18                | -0.04                | -15.40              | -3.4                   | 22.7                    |  |
| 9,182.0           | 0.57       | 227.86               | 9,153.5       | 191.6         | -428.4        | 0.56                | -0.05                | 55.82               | 15.2                   | 17.0                    |  |
| 9,277.0           | 0.79       | 232.78               | 9,248.5       | 190.9         | -429.2        | 0.24                | 0.23                 | 5.18                | 15.4                   | 15.7                    |  |
| 9,370.0           | 1.19       | 261.08               | 9,341.5       | 190.3         | -430.7        | 0.67                | 0.43                 | 30.43               | 19.5                   | 6.8                     |  |
| 9,465.0           | 1.85       | 261.43               | 9,436.5       | 189.9         | -433.2        | 0.69                | 0.69                 | 0.37                | 17.0                   | 6.7                     |  |
| 9,559.0           | 2.33       | 257.48               | 9,530.4       | 189.3         | -436.5        | 0.53                | 0.51                 | -4.20               | 13.1                   | 7.7                     |  |
| 9,652.0           | 2.86       | 266.36               | 9,623.3       | 188.7         | -440.7        | 0.71                | 0.57                 | 9.55                | 9.9                    | 5.9                     |  |
| 9,746.0           | 3.65       | 272.86               | 9,717.2       | 188.7         | -446.0        | 0.93                | 0.84                 | 6.91                | 5.2                    | 5.0                     |  |
| 9,841.0           | 3.69       | 270.05               | 9,812.0       | 188.9         | -452.1        | 0.19                | 0.04                 | -2.96               | -1.1                   | 5.1                     |  |
| 9,934.0           | 3.38       | 273.83               | 9,904.8       | 189.1         | -457.8        | 0.42                | -0.33                | 4.06                | -6.5                   | 5.4                     |  |
| 10,029.0          | 3.38       | 280.33               | 9,999.6       | 189.8         | -463.4        | 0.40                | 0.00                 | 6.84                | -11.4                  | 6.4                     |  |
| 10,123.0          | 2.77       | 282.97               | 10,093.5      | 190.8         | -468.3        | 0.67                | -0.65                | 2.81                | -16.2                  | 7.0                     |  |
| 10,168.0          | 3.03       | 278.02               | 10,138.4      | 191.2         | -470.6        | 0.80                | 0.58                 | -11.00              | -19.0                  | 5.5                     |  |
| 10,200.0          | 4.27       | 246.74               | 10,170.4      | 190.8         | -472.5        | 7.20                | 3.89                 | -97.75              | -21.0                  | -5.6                    |  |
| KOP (MD=10200.0') |            |                      |               |               |               |                     |                      |                     |                        |                         |  |



## Final PVA

**Company:** Midland  
**Project:** Lea County, NM (NAD 83 NME)  
**Site:** Green Drake 16 Fed Com  
**Well:** #503H  
**Wellbore:** OH  
**Design:** OH

**Local Co-ordinate Reference:** Well #503H  
**TVD Reference:** KB = 27' @ 3416.0usft (Nabors 892)  
**MD Reference:** KB = 27' @ 3416.0usft (Nabors 892)  
**North Reference:** Grid  
**Survey Calculation Method:** Minimum Curvature  
**Database:** 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) |
| 10,262.0                                                                   | 8.13       | 224.67               | 10,232.0      | 186.8         | -477.7        | 7.20                | 6.22                 | -35.60              | -23.8                  | -14.1                   |
| 10,357.0                                                                   | 16.04      | 200.94               | 10,324.9      | 169.7         | -487.1        | 9.67                | 8.33                 | -24.98              | -26.3                  | -28.9                   |
| 10,437.0                                                                   | 24.03      | 194.78               | 10,400.0      | 143.6         | -495.3        | 10.32               | 9.99                 | -7.70               | -30.7                  | -38.3                   |
| HL Crossing, MD:10437.0', TVD:10400.0', N/S:143.6', E/W:-495.3', INC:24.03 |            |                      |               |               |               |                     |                      |                     |                        |                         |
| 10,451.0                                                                   | 25.45      | 194.09               | 10,412.7      | 137.9         | -496.7        | 10.32               | 10.11                | -4.96               | -31.6                  | -39.9                   |
| 10,545.0                                                                   | 33.63      | 187.76               | 10,494.4      | 92.5          | -505.2        | 9.30                | 8.70                 | -6.73               | -34.3                  | -51.1                   |
| 10,639.0                                                                   | 43.12      | 178.97               | 10,568.1      | 34.4          | -508.1        | 11.62               | 10.10                | -9.35               | -32.7                  | -58.5                   |
| 10,734.0                                                                   | 51.25      | 174.05               | 10,632.6      | -35.1         | -503.7        | 9.36                | 8.56                 | -5.18               | -33.4                  | -56.3                   |
| 10,829.0                                                                   | 62.46      | 175.72               | 10,684.5      | -114.2        | -496.7        | 11.89               | 11.80                | 1.76                | -37.9                  | -48.9                   |
| 10,923.0                                                                   | 66.46      | 176.86               | 10,725.0      | -198.8        | -491.2        | 4.39                | 4.26                 | 1.21                | -37.3                  | -43.5                   |
| 11,016.0                                                                   | 72.04      | 175.02               | 10,757.9      | -285.5        | -485.0        | 6.28                | 6.00                 | -1.98               | -27.5                  | -37.8                   |
| 11,111.0                                                                   | 82.15      | 175.98               | 10,779.1      | -377.7        | -477.8        | 10.69               | 10.64                | 1.01                | -15.0                  | -30.7                   |
| 11,204.0                                                                   | 81.01      | 175.46               | 10,792.7      | -469.4        | -470.9        | 1.34                | -1.23                | -0.56               | -0.9                   | -24.3                   |
| 11,298.0                                                                   | 88.44      | 179.41               | 10,801.4      | -562.9        | -466.8        | 8.94                | 7.90                 | 4.20                | 8.0                    | -20.7                   |
| 11,392.0                                                                   | 88.66      | 179.41               | 10,803.8      | -656.8        | -465.8        | 0.23                | 0.23                 | 0.00                | 10.9                   | -20.4                   |
| 11,487.0                                                                   | 88.44      | 179.85               | 10,806.2      | -751.8        | -465.2        | 0.52                | -0.23                | 0.46                | 13.8                   | -20.4                   |
| 11,581.0                                                                   | 87.69      | 178.80               | 10,809.3      | -845.7        | -464.1        | 1.37                | -0.80                | -1.12               | 17.5                   | -19.9                   |
| 11,676.0                                                                   | 89.71      | 179.24               | 10,811.5      | -940.7        | -462.4        | 2.18                | 2.13                 | 0.46                | 20.2                   | -18.9                   |
| 11,770.0                                                                   | 89.49      | 178.53               | 10,812.1      | -1,034.7      | -460.6        | 0.79                | -0.23                | -0.76               | 21.4                   | -17.7                   |
| 11,864.0                                                                   | 89.01      | 178.27               | 10,813.4      | -1,128.6      | -458.0        | 0.58                | -0.51                | -0.28               | 23.2                   | -15.7                   |
| 11,958.0                                                                   | 89.01      | 177.48               | 10,815.0      | -1,222.5      | -454.5        | 0.84                | 0.00                 | -0.84               | 25.3                   | -12.8                   |
| 12,052.0                                                                   | 89.98      | 178.27               | 10,815.8      | -1,316.5      | -451.0        | 1.33                | 1.03                 | 0.84                | 26.7                   | -9.9                    |
| 12,146.0                                                                   | 89.98      | 177.83               | 10,815.9      | -1,410.4      | -447.8        | 0.47                | 0.00                 | -0.47               | 27.3                   | -7.3                    |
| 12,240.0                                                                   | 90.07      | 177.04               | 10,815.8      | -1,504.3      | -443.6        | 0.85                | 0.10                 | -0.84               | 27.8                   | -3.7                    |
| 12,334.0                                                                   | 90.15      | 176.25               | 10,815.6      | -1,598.2      | -438.1        | 0.84                | 0.09                 | -0.84               | 28.1                   | 1.1                     |
| 12,428.0                                                                   | 90.77      | 178.62               | 10,814.9      | -1,692.0      | -433.9        | 2.61                | 0.66                 | 2.52                | 27.9                   | 4.7                     |
| 12,522.0                                                                   | 91.03      | 178.44               | 10,813.4      | -1,786.0      | -431.5        | 0.34                | 0.28                 | -0.19               | 27.0                   | 6.5                     |



## Final PVA

**Company:** Midland  
**Project:** Lea County, NM (NAD 83 NME)  
**Site:** Green Drake 16 Fed Com  
**Well:** #503H  
**Wellbore:** OH  
**Design:** OH

**Local Co-ordinate Reference:** Well #503H  
**TVD Reference:** KB = 27' @ 3416.0usft (Nabors 892)  
**MD Reference:** KB = 27' @ 3416.0usft (Nabors 892)  
**North Reference:** Grid  
**Survey Calculation Method:** Minimum Curvature  
**Database:** 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) |  |
| 12,617.0     | 91.60      | 178.36               | 10,811.2      | -1,880.9      | -428.8        | 0.61                | 0.60                 | -0.08               | 25.3                   | 8.6                     |  |
| 12,711.0     | 91.78      | 178.01               | 10,808.5      | -1,974.9      | -425.9        | 0.42                | 0.19                 | -0.37               | 23.1                   | 10.9                    |  |
| 12,806.0     | 89.49      | 178.53               | 10,807.4      | -2,069.8      | -423.0        | 2.47                | -2.41                | 0.55                | 22.6                   | 13.2                    |  |
| 12,900.0     | 89.89      | 177.83               | 10,807.9      | -2,163.8      | -420.0        | 0.86                | 0.43                 | -0.74               | 23.6                   | 15.5                    |  |
| 12,992.0     | 90.55      | 180.29               | 10,807.6      | -2,255.7      | -418.5        | 2.77                | 0.72                 | 2.67                | 23.8                   | 16.4                    |  |
| 13,087.0     | 90.42      | 179.06               | 10,806.8      | -2,350.7      | -418.0        | 1.30                | -0.14                | -1.29               | 23.5                   | 16.4                    |  |
| 13,181.0     | 90.37      | 178.09               | 10,806.1      | -2,444.7      | -415.6        | 1.03                | -0.05                | -1.03               | 23.4                   | 18.1                    |  |
| 13,276.0     | 91.43      | 178.71               | 10,804.6      | -2,539.6      | -413.0        | 1.29                | 1.12                 | 0.65                | 22.5                   | 20.1                    |  |
| 13,370.0     | 90.46      | 180.64               | 10,803.1      | -2,633.6      | -412.4        | 2.30                | -1.03                | 2.05                | 21.4                   | 20.0                    |  |
| 13,465.0     | 89.67      | 182.49               | 10,803.0      | -2,728.6      | -415.0        | 2.12                | -0.83                | 1.95                | 21.9                   | 16.8                    |  |
| 13,560.0     | 89.49      | 181.70               | 10,803.7      | -2,823.5      | -418.5        | 0.85                | -0.19                | -0.83               | 23.1                   | 12.7                    |  |
| 13,654.0     | 88.97      | 180.82               | 10,804.9      | -2,917.5      | -420.6        | 1.09                | -0.55                | -0.94               | 24.9                   | 10.0                    |  |
| 13,749.0     | 87.12      | 179.32               | 10,808.2      | -3,012.4      | -420.7        | 2.51                | -1.95                | -1.58               | 28.7                   | 9.3                     |  |
| 13,843.0     | 89.10      | 179.85               | 10,811.3      | -3,106.4      | -420.0        | 2.18                | 2.11                 | 0.56                | 32.3                   | 9.4                     |  |
| 13,937.0     | 88.40      | 179.50               | 10,813.3      | -3,200.3      | -419.5        | 0.83                | -0.74                | -0.37               | 34.9                   | 9.3                     |  |
| 14,031.0     | 87.69      | 178.80               | 10,816.5      | -3,294.3      | -418.1        | 1.06                | -0.76                | -0.74               | 38.7                   | 10.1                    |  |
| 14,124.0     | 90.15      | 180.47               | 10,818.3      | -3,387.2      | -417.5        | 3.20                | 2.65                 | 1.80                | 40.9                   | 10.0                    |  |
| 14,219.0     | 90.68      | 179.94               | 10,817.6      | -3,482.2      | -417.8        | 0.79                | 0.56                 | -0.56               | 40.8                   | 9.1                     |  |
| 14,312.0     | 92.31      | 180.29               | 10,815.2      | -3,575.2      | -418.0        | 1.79                | 1.75                 | 0.38                | 38.9                   | 8.3                     |  |
| 14,407.0     | 92.09      | 181.43               | 10,811.5      | -3,670.1      | -419.4        | 1.22                | -0.23                | 1.20                | 35.8                   | 6.2                     |  |
| 14,502.0     | 91.21      | 181.96               | 10,808.8      | -3,765.0      | -422.3        | 1.08                | -0.93                | 0.56                | 33.6                   | 2.8                     |  |
| 14,597.0     | 91.25      | 182.57               | 10,806.7      | -3,859.9      | -426.0        | 0.64                | 0.04                 | 0.64                | 32.1                   | -1.6                    |  |
| 14,691.0     | 89.14      | 181.87               | 10,806.4      | -3,953.9      | -429.7        | 2.36                | -2.24                | -0.74               | 32.3                   | -5.8                    |  |
| 14,786.0     | 90.55      | 182.40               | 10,806.7      | -4,048.8      | -433.2        | 1.59                | 1.48                 | 0.56                | 33.1                   | -10.0                   |  |
| 14,880.0     | 89.41      | 181.96               | 10,806.7      | -4,142.7      | -436.8        | 1.30                | -1.21                | -0.47               | 33.7                   | -14.2                   |  |
| 14,974.0     | 88.66      | 182.40               | 10,808.3      | -4,236.6      | -440.3        | 0.93                | -0.80                | 0.47                | 35.8                   | -18.4                   |  |
| 15,069.0     | 89.98      | 180.29               | 10,809.4      | -4,331.6      | -442.6        | 2.62                | 1.39                 | -2.22               | 37.5                   | -21.2                   |  |



## Final PVA

**Company:** Midland  
**Project:** Lea County, NM (NAD 83 NME)  
**Site:** Green Drake 16 Fed Com  
**Well:** #503H  
**Wellbore:** OH  
**Design:** OH

**Local Co-ordinate Reference:** Well #503H  
**TVD Reference:** KB = 27' @ 3416.0usft (Nabors 892)  
**MD Reference:** KB = 27' @ 3416.0usft (Nabors 892)  
**North Reference:** Grid  
**Survey Calculation Method:** Minimum Curvature  
**Database:** 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) |
| 15,163.0     | 89.58      | 179.50               | 10,809.8      | -4,425.6      | -442.4        | 0.94                | -0.43                | -0.84               | 38.4                   | -21.7                   |
| 15,257.0     | 93.63      | 177.48               | 10,807.1      | -4,519.5      | -439.9        | 4.81                | 4.31                 | -2.15               | 36.3                   | -19.8                   |
| 15,351.0     | 94.81      | 176.16               | 10,800.2      | -4,613.1      | -434.7        | 1.88                | 1.26                 | -1.40               | 29.9                   | -15.3                   |
| 15,446.0     | 93.36      | 176.95               | 10,793.5      | -4,707.7      | -429.0        | 1.74                | -1.53                | 0.83                | 23.7                   | -10.2                   |
| 15,540.0     | 89.05      | 177.48               | 10,791.5      | -4,801.5      | -424.5        | 4.62                | -4.59                | 0.56                | 22.2                   | -6.2                    |
| 15,635.0     | 89.01      | 177.04               | 10,793.1      | -4,896.4      | -419.9        | 0.47                | -0.04                | -0.46               | 24.4                   | -2.3                    |
| 15,729.0     | 88.97      | 179.50               | 10,794.7      | -4,990.3      | -417.1        | 2.62                | -0.04                | 2.62                | 26.6                   | -0.1                    |
| 15,823.0     | 88.22      | 178.71               | 10,797.1      | -5,084.3      | -415.6        | 1.16                | -0.80                | -0.84               | 29.4                   | 0.8                     |
| 15,917.0     | 89.76      | 178.44               | 10,798.7      | -5,178.3      | -413.3        | 1.66                | 1.64                 | -0.29               | 31.6                   | 2.5                     |
| 16,011.0     | 90.46      | 178.01               | 10,798.5      | -5,272.2      | -410.4        | 0.87                | 0.74                 | -0.46               | 32.0                   | 4.8                     |
| 16,105.0     | 90.86      | 177.74               | 10,797.4      | -5,366.1      | -406.9        | 0.51                | 0.43                 | -0.29               | 31.4                   | 7.7                     |
| 16,199.0     | 91.74      | 177.74               | 10,795.3      | -5,460.0      | -403.2        | 0.94                | 0.94                 | 0.00                | 29.8                   | 10.8                    |
| 16,293.0     | 91.87      | 177.30               | 10,792.4      | -5,553.9      | -399.1        | 0.49                | 0.14                 | -0.47               | 27.4                   | 14.2                    |
| 16,388.0     | 91.78      | 177.39               | 10,789.3      | -5,648.8      | -394.7        | 0.13                | -0.09                | 0.09                | 24.9                   | 18.0                    |
| 16,482.0     | 89.98      | 179.50               | 10,787.9      | -5,742.7      | -392.2        | 2.95                | -1.91                | 2.24                | 24.4                   | 19.9                    |
| 16,576.0     | 88.92      | 181.70               | 10,788.8      | -5,836.7      | -393.2        | 2.60                | -1.13                | 2.34                | 26.3                   | 18.3                    |
| 16,669.0     | 88.97      | 181.78               | 10,790.5      | -5,929.6      | -396.0        | 0.10                | 0.05                 | 0.09                | 29.0                   | 14.9                    |
| 16,764.0     | 89.54      | 180.38               | 10,791.7      | -6,024.6      | -397.8        | 1.59                | 0.60                 | -1.47               | 31.2                   | 12.5                    |
| 16,858.0     | 90.95      | 179.50               | 10,791.3      | -6,118.6      | -397.7        | 1.77                | 1.50                 | -0.94               | 31.8                   | 12.0                    |
| 16,953.0     | 91.25      | 178.88               | 10,789.5      | -6,213.6      | -396.3        | 0.72                | 0.32                 | -0.65               | 31.0                   | 12.7                    |
| 17,047.0     | 90.29      | 178.71               | 10,788.2      | -6,307.5      | -394.3        | 1.04                | -1.02                | -0.18               | 30.7                   | 14.0                    |
| 17,142.0     | 90.37      | 179.32               | 10,787.7      | -6,402.5      | -392.7        | 0.65                | 0.08                 | 0.64                | 31.1                   | 15.0                    |
| 17,236.0     | 92.92      | 179.94               | 10,785.0      | -6,496.5      | -392.1        | 2.79                | 2.71                 | 0.66                | 29.4                   | 15.1                    |
| 17,330.0     | 93.41      | 179.32               | 10,779.8      | -6,590.3      | -391.5        | 0.84                | 0.52                 | -0.66               | 25.2                   | 15.0                    |
| 17,423.0     | 91.60      | 180.73               | 10,775.7      | -6,683.2      | -391.5        | 2.47                | -1.95                | 1.52                | 22.1                   | 14.4                    |
| 17,517.0     | 91.78      | 181.26               | 10,773.0      | -6,777.2      | -393.2        | 0.60                | 0.19                 | 0.56                | 20.3                   | 12.1                    |
| 17,611.0     | 91.21      | 181.35               | 10,770.5      | -6,871.1      | -395.3        | 0.61                | -0.61                | 0.10                | 18.8                   | 9.4                     |



## Final PVA

**Company:** Midland  
**Project:** Lea County, NM (NAD 83 NME)  
**Site:** Green Drake 16 Fed Com  
**Well:** #503H  
**Wellbore:** OH  
**Design:** OH

**Local Co-ordinate Reference:** Well #503H  
**TVD Reference:** KB = 27' @ 3416.0usft (Nabors 892)  
**MD Reference:** KB = 27' @ 3416.0usft (Nabors 892)  
**North Reference:** Grid  
**Survey Calculation Method:** Minimum Curvature  
**Database:** 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) |
| 17,706.0                                     | 91.12      | 181.70               | 10,768.6      | -6,966.1      | -397.8        | 0.38                | -0.09                | 0.37                | 17.8                   | 6.2                     |
| 17,800.0                                     | 89.32      | 181.87               | 10,768.2      | -7,060.0      | -400.8        | 1.92                | -1.91                | 0.18                | 18.4                   | 2.7                     |
| 17,894.0                                     | 90.37      | 182.22               | 10,768.5      | -7,154.0      | -404.1        | 1.18                | 1.12                 | 0.37                | 19.7                   | -1.3                    |
| 17,988.0                                     | 91.03      | 183.01               | 10,767.3      | -7,247.8      | -408.4        | 1.10                | 0.70                 | 0.84                | 19.5                   | -6.2                    |
| 18,082.0                                     | 90.73      | 183.01               | 10,765.9      | -7,341.7      | -413.4        | 0.32                | -0.32                | 0.00                | 19.0                   | -11.7                   |
| 18,177.0                                     | 92.26      | 183.19               | 10,763.4      | -7,436.5      | -418.5        | 1.62                | 1.61                 | 0.19                | 17.6                   | -17.5                   |
| 18,253.0                                     | 92.88      | 182.93               | 10,760.0      | -7,512.3      | -422.5        | 0.88                | 0.82                 | -0.34               | 15.0                   | -22.0                   |
| <b>Final MWD Survey (MD=18253.0')</b>        |            |                      |               |               |               |                     |                      |                     |                        |                         |
| 18,308.0                                     | 92.88      | 182.93               | 10,757.2      | -7,567.2      | -425.3        | 0.00                | 0.00                 | 0.00                | 12.8                   | -25.2                   |
| <b>Final Projection to Bit (MD=18308.0')</b> |            |                      |               |               |               |                     |                      |                     |                        |                         |

| Design Annotations          |                             |                   |                 |                                                                            |
|-----------------------------|-----------------------------|-------------------|-----------------|----------------------------------------------------------------------------|
| Measured<br>Depth<br>(usft) | Vertical<br>Depth<br>(usft) | Local Coordinates |                 | Comment                                                                    |
|                             |                             | +N/-S<br>(usft)   | +E/-W<br>(usft) |                                                                            |
| 10,200.0                    | 10,170.4                    | 190.8             | -472.5          | KOP (MD=10200.0')                                                          |
| 10,437.0                    | 10,400.0                    | 143.6             | -495.3          | HL Crossing, MD:10437.0', TVD:10400.0', N/S:143.6', E/W:-495.3', INC:24.03 |
| 18,253.0                    | 10,760.0                    | -7,512.3          | -422.5          | Final MWD Survey (MD=18253.0')                                             |
| 18,308.0                    | 10,757.2                    | -7,567.2          | -425.3          | Final Projection to Bit (MD=18308.0')                                      |

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

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

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>503H</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                      |                                             | 2395                                                        | SOUTH                                                           | 1300                                                                      | EAST     | LEA           |
| <b>BH:</b>                                                                                                                                                                                                                                                                                                                                                                            | O                                          | 21                                                                                                                                                                                    | 25S                                                           | 33E                      |                                             | 110                                                         | SOUTH                                                           | 1776                                                                      | EAST     | LEA           |
| 13. Date Spudded<br><b>04/15/2022</b>                                                                                                                                                                                                                                                                                                                                                 | 14. Date T.D. Reached<br><b>06/30/2022</b> |                                                                                                                                                                                       | 15. Date Rig Released<br><b>07/01/2022</b>                    |                          |                                             | 16. Date Completed (Ready to Produce)<br><b>08/21/2022</b>  |                                                                 | 17. Elevations (DF and RKB, RT, GR, etc.) <b>3398' GL</b>                 |          |               |
| 18. Total Measured Depth of Well<br><b>MD 18,308' TVD 10,757'</b>                                                                                                                                                                                                                                                                                                                     |                                            |                                                                                                                                                                                       | 19. Plug Back Measured Depth<br><b>MD 18,285' TVD 10,757'</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 10,808 - 18,285'</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                                                                                                                                                                            |                                                               | 1165'                    |                                             | 17 1/2"                                                     |                                                                 | 975 CL C/CIRC                                                             |          |               |
| 9 5/8"                                                                                                                                                                                                                                                                                                                                                                                |                                            | 40# J-55                                                                                                                                                                              |                                                               | 4903'                    |                                             | 12 1/4"                                                     |                                                                 | 1234 CL C/CIRC                                                            |          |               |
| 5 1/2"                                                                                                                                                                                                                                                                                                                                                                                |                                            | 20# HPP 110                                                                                                                                                                           |                                                               | 18,293'                  |                                             | 8 1/2"                                                      |                                                                 | 2895 CL C & H TOC 371'                                                    |          | CBL           |
|                                                                                                                                                                                                                                                                                                                                                                                       |                                            |                                                                                                                                                                                       |                                                               |                          |                                             |                                                             |                                                                 |                                                                           |          |               |
|                                                                                                                                                                                                                                                                                                                                                                                       |                                            |                                                                                                                                                                                       |                                                               |                          |                                             |                                                             |                                                                 |                                                                           |          |               |
| <b>24. LINER RECORD</b>                                                                                                                                                                                                                                                                                                                                                               |                                            |                                                                                                                                                                                       |                                                               |                          |                                             | <b>25. TUBING RECORD</b>                                    |                                                                 |                                                                           |          |               |
| SIZE                                                                                                                                                                                                                                                                                                                                                                                  | TOP                                        | BOTTOM                                                                                                                                                                                | SACKS CEMENT                                                  | SCREEN                   | SIZE                                        | DEPTH SET                                                   | PACKER SET                                                      |                                                                           |          |               |
|                                                                                                                                                                                                                                                                                                                                                                                       |                                            |                                                                                                                                                                                       |                                                               |                          |                                             |                                                             |                                                                 |                                                                           |          |               |
|                                                                                                                                                                                                                                                                                                                                                                                       |                                            |                                                                                                                                                                                       |                                                               |                          |                                             |                                                             |                                                                 |                                                                           |          |               |
| 26. Perforation record (interval, size, and number)<br><br><b>10,808 - 18,285'   3 1/8", 2422 holes</b>                                                                                                                                                                                                                                                                               |                                            |                                                                                                                                                                                       |                                                               |                          |                                             | 27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.             |                                                                 |                                                                           |          |               |
|                                                                                                                                                                                                                                                                                                                                                                                       |                                            |                                                                                                                                                                                       |                                                               |                          |                                             | DEPTH INTERVAL                                              |                                                                 | AMOUNT AND KIND MATERIAL USED                                             |          |               |
|                                                                                                                                                                                                                                                                                                                                                                                       |                                            |                                                                                                                                                                                       |                                                               |                          |                                             | 10,808 - 18,285'                                            |                                                                 | FRAC W/18,004,779 lbs proppant, 255,772 bbls load fld                     |          |               |
|                                                                                                                                                                                                                                                                                                                                                                                       |                                            |                                                                                                                                                                                       |                                                               |                          |                                             |                                                             |                                                                 |                                                                           |          |               |
| <b>28. PRODUCTION</b>                                                                                                                                                                                                                                                                                                                                                                 |                                            |                                                                                                                                                                                       |                                                               |                          |                                             |                                                             |                                                                 |                                                                           |          |               |
| Date First Production<br><b>08/21/2022</b>                                                                                                                                                                                                                                                                                                                                            |                                            | Production Method ( <i>Flowing, gas lift, pumping - Size and type pump</i> )<br><b>Flowing</b>                                                                                        |                                                               |                          |                                             | Well Status ( <i>Prod. or Shut-in</i> )<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>2958</b> | Gas - MCF<br><b>4395</b>                    | Water - Bbl.<br><b>6666</b>                                 | Gas - Oil Ratio<br><b>1486</b>                                  |                                                                           |          |               |
| Flow Tubing Press.                                                                                                                                                                                                                                                                                                                                                                    | Casing Pressure<br><b>812</b>              | Calculated 24-Hour Rate                                                                                                                                                               | Oil - Bbl.                                                    | Gas - MCF                | Water - Bbl.                                | Oil Gravity - API - ( <i>Corr.</i> )<br><b>45</b>           |                                                                 |                                                                           |          |               |
| 29. Disposition of Gas ( <i>Sold, used for fuel, vented, etc.</i> )<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:                                                                                                                                                                                                                                                                                       |                                            |                                                                                                                                                                                       |                                                               |                          |                                             |                                                             |                                                                 |                                                                           |          |               |
| Latitude _____ Longitude _____ NAD 1927 1983                                                                                                                                                                                                                                                                                                                                          |                                            |                                                                                                                                                                                       |                                                               |                          |                                             |                                                             |                                                                 |                                                                           |          |               |
| 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 | 1040' | T. Canyon               | Brushy  | 7533' | T. Ojo Alamo       | T. Penn A "      |
| T. Salt                 |         | 1406' | T. Strawn               |         |       | T. Kirtland        | T. Penn. "B"     |
| B. Salt                 |         | 4689' | 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          | 10,147' |       | T. Entrada         |                  |
| T. Wolfcamp             |         |       | T. 2nd BS Sand          | 10,712' |       | 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/oed/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 140205

**ACKNOWLEDGMENTS**

|                                                                             |                                                    |
|-----------------------------------------------------------------------------|----------------------------------------------------|
| Operator:<br>EOG RESOURCES INC<br>5509 Champions Drive<br>Midland, TX 79706 | OGRID:<br>7377                                     |
|                                                                             | Action Number:<br>140205                           |
|                                                                             | Action Type:<br>[C-104] Completion Packet (C-104C) |

**ACKNOWLEDGMENTS**

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

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

CONDITIONS

Action 140205

CONDITIONS

|                                                                             |                                                    |
|-----------------------------------------------------------------------------|----------------------------------------------------|
| Operator:<br>EOG RESOURCES INC<br>5509 Champions Drive<br>Midland, TX 79706 | OGRID:<br>7377                                     |
|                                                                             | Action Number:<br>140205                           |
|                                                                             | Action Type:<br>[C-104] Completion Packet (C-104C) |

CONDITIONS

| Created By     | Condition | Condition Date |
|----------------|-----------|----------------|
| crystal.walker | None      | 10/29/2025     |