

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 04/24/2022 |                                  |
| <sup>4</sup> API Number<br>30 - 025-47597                                                          | <sup>5</sup> Pool Name<br>WC025 G08 S253235G; LOWER BONE SPRING |                                                                      | <sup>6</sup> Pool Code<br>97903  |
| <sup>7</sup> Property Code<br>329310                                                               | <sup>8</sup> Property Name<br>RESOLUTE 12 FEDERAL COM           |                                                                      | <sup>9</sup> Well Number<br>502H |

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

|                    |               |                 |              |         |                       |                           |                       |                        |               |
|--------------------|---------------|-----------------|--------------|---------|-----------------------|---------------------------|-----------------------|------------------------|---------------|
| Ul or lot no.<br>M | Section<br>12 | Township<br>25S | Range<br>32E | Lot Idn | Feet from the<br>836' | North/South Line<br>SOUTH | Feet from the<br>586' | East/West line<br>WEST | County<br>LEA |
|--------------------|---------------|-----------------|--------------|---------|-----------------------|---------------------------|-----------------------|------------------------|---------------|

<sup>11</sup> Bottom Hole Location

|                        |                                                |                                   |                                   |         |                                    |                           |                                     |                        |               |
|------------------------|------------------------------------------------|-----------------------------------|-----------------------------------|---------|------------------------------------|---------------------------|-------------------------------------|------------------------|---------------|
| UL or lot no.<br>D     | Section<br>1                                   | Township<br>25S                   | Range<br>32E                      | Lot Idn | Feet from the<br>108'              | North/South line<br>NORTH | Feet from the<br>728'               | East/West line<br>WEST | 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>12/26/2021 | <sup>22</sup> Ready Date<br>04/24/2022 | <sup>23</sup> TD<br>20,781'        | <sup>24</sup> PBTD<br>20,717' | <sup>25</sup> Perforations<br>10,600 - 20,717 | <sup>26</sup> DHC, MC |                             |  |
| <sup>27</sup> Hole Size               |                                        | <sup>28</sup> Casing & Tubing Size |                               | <sup>29</sup> Depth Set                       |                       | <sup>30</sup> Sacks Cement  |  |
| 17 1/2"                               |                                        | 13 3/8"                            |                               | 1093'                                         |                       | 1460 SXS CL C/CIRC          |  |
| 12 1/4"                               |                                        | 9 5/8"                             |                               | 4781'                                         |                       | 2030 SXS CL C/CIRC          |  |
| 8 1/2"                                |                                        | 5 1/2"                             |                               | 20,763'                                       |                       | 3305 SXS CL H TOC 3990' CBL |  |
|                                       |                                        |                                    |                               |                                               |                       |                             |  |

V. Well Test Data

|                                                                                                                                                                                                                                      |                                               |                                       |                                                                                           |                             |                                    |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------|---------------------------------------|-------------------------------------------------------------------------------------------|-----------------------------|------------------------------------|
| <sup>31</sup> Date New Oil<br>04/24/2022                                                                                                                                                                                             | <sup>32</sup> Gas Delivery Date<br>04/24/2022 | <sup>33</sup> Test Date<br>05/13/2022 | <sup>34</sup> Test Length<br>24 HRS                                                       | <sup>35</sup> Tbg. Pressure | <sup>36</sup> Csg. Pressure<br>610 |
| <sup>37</sup> Choke Size<br>128                                                                                                                                                                                                      | <sup>38</sup> Oil<br>1750                     | <sup>39</sup> Water<br>7122           | <sup>40</sup> Gas<br>2651                                                                 |                             | <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<br><br>Approved by:<br><br>Title:<br><br>Approval Date:<br><br> |                             |                                    |
| Printed name:<br>Kay Maddox                                                                                                                                                                                                          |                                               |                                       |                                                                                           |                             |                                    |
| Title:<br>SENIOR REGULATORY SPECIALIST                                                                                                                                                                                               |                                               |                                       |                                                                                           |                             |                                    |
| E-mail Address:<br>kay_maddox@eogresources.com                                                                                                                                                                                       |                                               |                                       |                                                                                           |                             |                                    |
| Date:<br>05/19/2022                                                                                                                                                                                                                  |                                               | 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**

# WELL LOCATION AND ACREAGE DEDICATION PLAT

|                                                |                                                          |                                                                        |
|------------------------------------------------|----------------------------------------------------------|------------------------------------------------------------------------|
| <sup>1</sup> API Number<br><b>30-025-47597</b> | <sup>2</sup> Pool Code<br><b>97903</b>                   | <sup>3</sup> Pool Name<br><b>WC025 GO8 S253235G; LOWER BONE SPRING</b> |
| <sup>4</sup> Property Code<br><b>329310</b>    | <sup>5</sup> Property Name<br><b>RESOLUTE 12 FED COM</b> |                                                                        |
| <sup>7</sup> OGRID No.<br><b>7377</b>          | <sup>8</sup> Operator Name<br><b>EOG RESOURCES, INC.</b> | <sup>6</sup> Well Number<br><b>502H</b>                                |
|                                                |                                                          | <sup>9</sup> Elevation<br><b>3485'</b>                                 |

<sup>10</sup>Surface Location

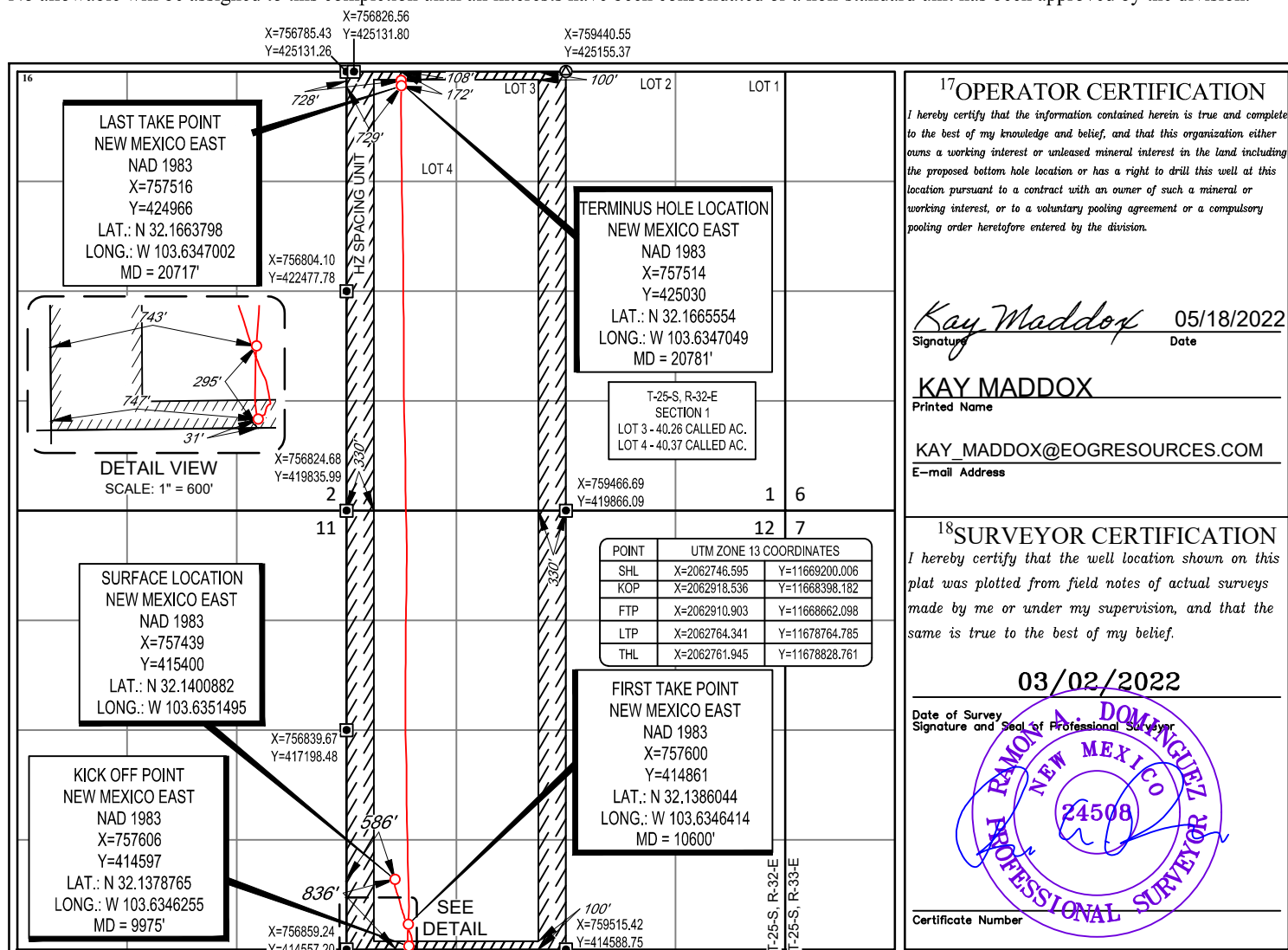
|               |           |             |             |          |               |                  |               |                |            |
|---------------|-----------|-------------|-------------|----------|---------------|------------------|---------------|----------------|------------|
| UL or lot no. | Section   | Township    | Range       | Lot Idn  | Feet from the | North/South line | Feet from the | East/West line | County     |
| <b>M</b>      | <b>12</b> | <b>25-S</b> | <b>32-E</b> | <b>-</b> | <b>836'</b>   | <b>SOUTH</b>     | <b>586'</b>   | <b>WEST</b>    | <b>LEA</b> |

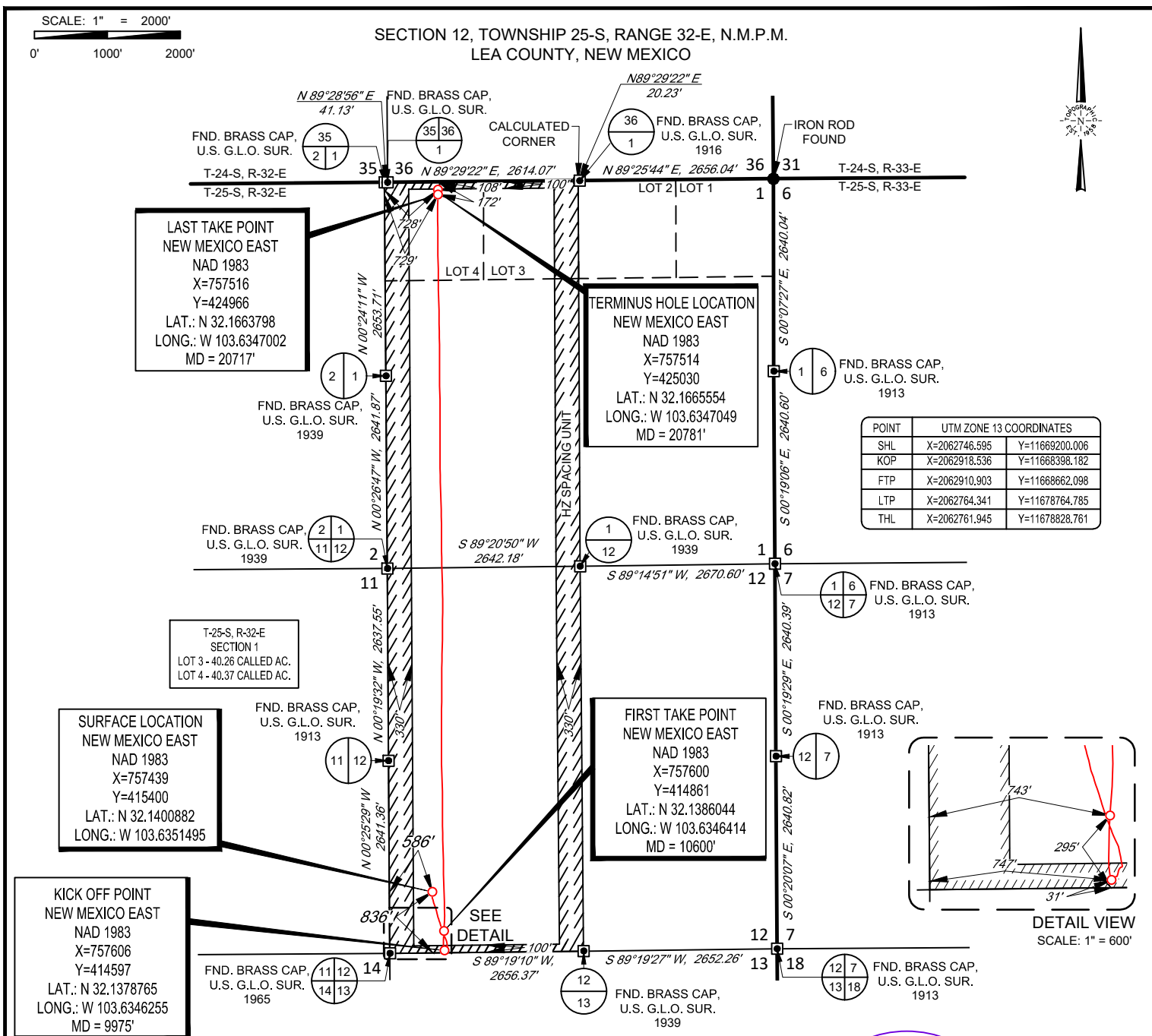
<sup>11</sup>Bottom Hole Location If Different From Surface

|               |         |          |       |         |               |                  |               |                |        |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| UL or lot no. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
| 4             | 1       | 25-S     | 32-E  | —       | 108'          | NORTH            | 728'          | WEST           | LEA    |

|                                                |                               |                                  |                         |
|------------------------------------------------|-------------------------------|----------------------------------|-------------------------|
| <sup>12</sup> Dedicated Acres<br><b>640.63</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.: RESOLUTE 12 FED COM 502H

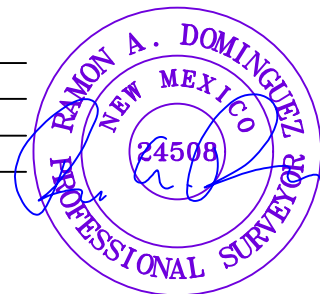
SECTION 12 TWP 25-S RGE 32-E SURVEY N.M.P.M.

COUNTY LEA STATE NM ELEVATION 3485'

DESCRIPTION 836' FSL & 586' FWL



1400 EVERMAN PARKWAY, Ste. 146 • FT. WORTH, TEXAS 76140  
TELEPHONE: (817) 744-7512 • FAX (817) 744-7554  
TEXAS FIRM REGISTRATION NO. 10042504  
WWW.TOPOGRAPHIC.COM



Ramon A. Dominguez, P.S. No. 24508  
April 13, 2022



RESOLUTE 12 FED COM  
502H  
AS-DRILLED

DATE: 04/12/22

FILE:AD\_RESOLUTE\_12\_FED\_COM\_502H

DRAWN BY: EAH

SHEET: 2 OF 2

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.





Lea County, NM (NAD 83 NME)

Resolute 12 Fed Com #502H

Nabors M1206

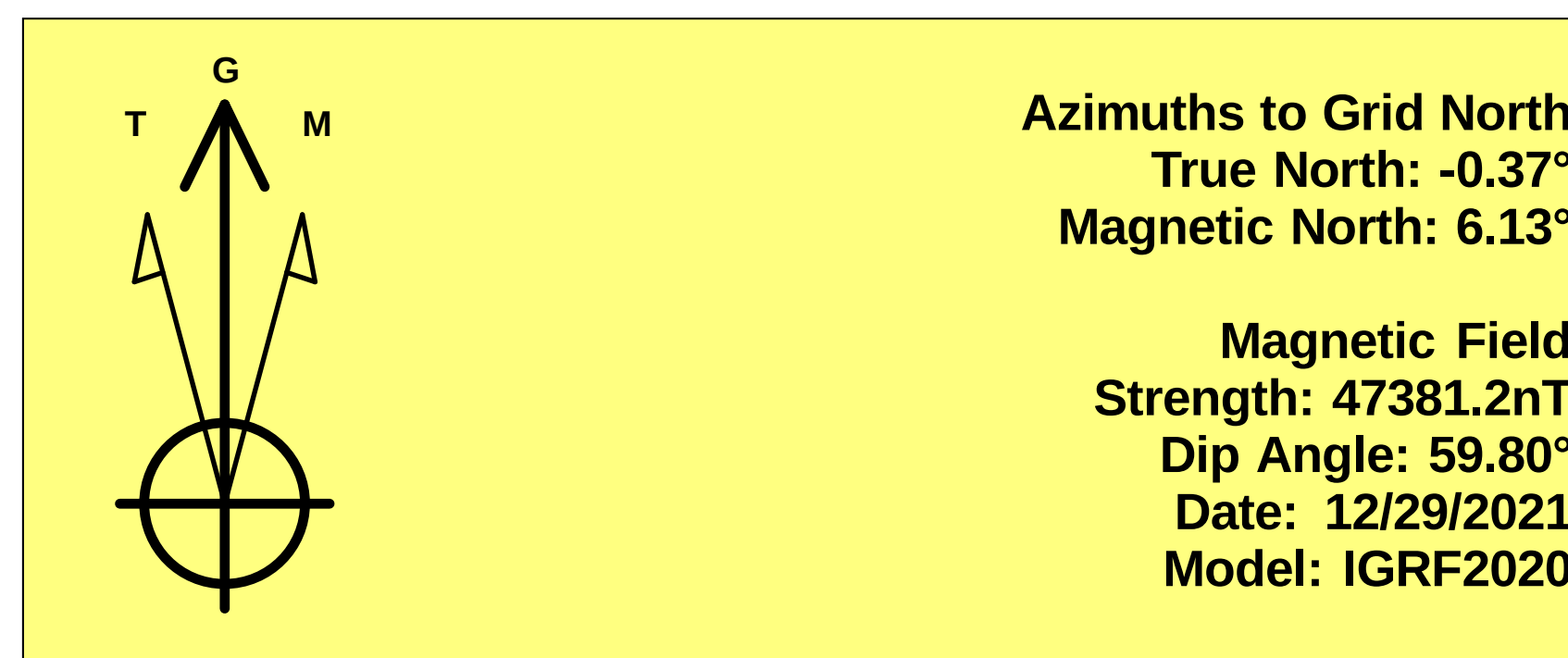
OH

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

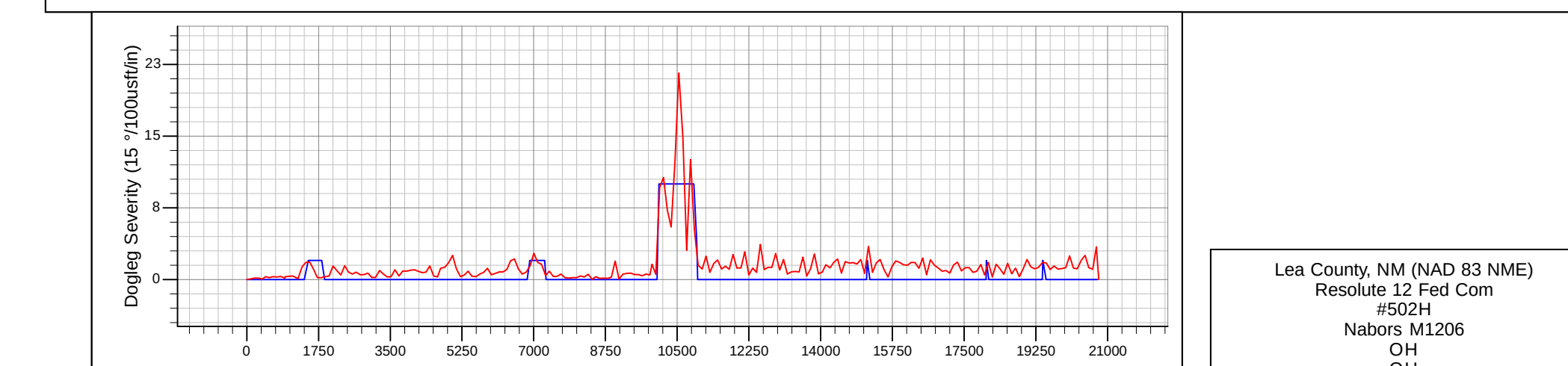
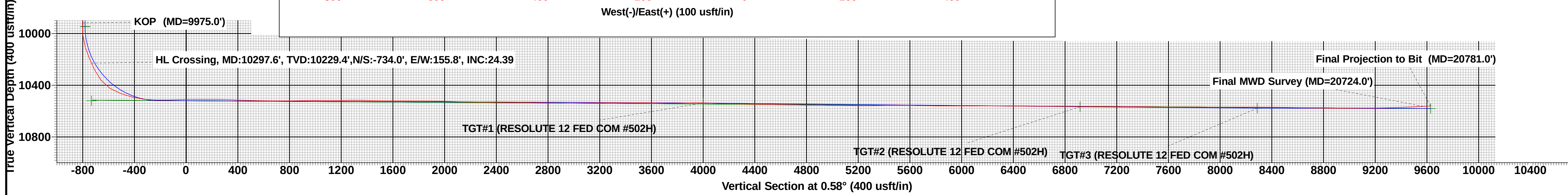
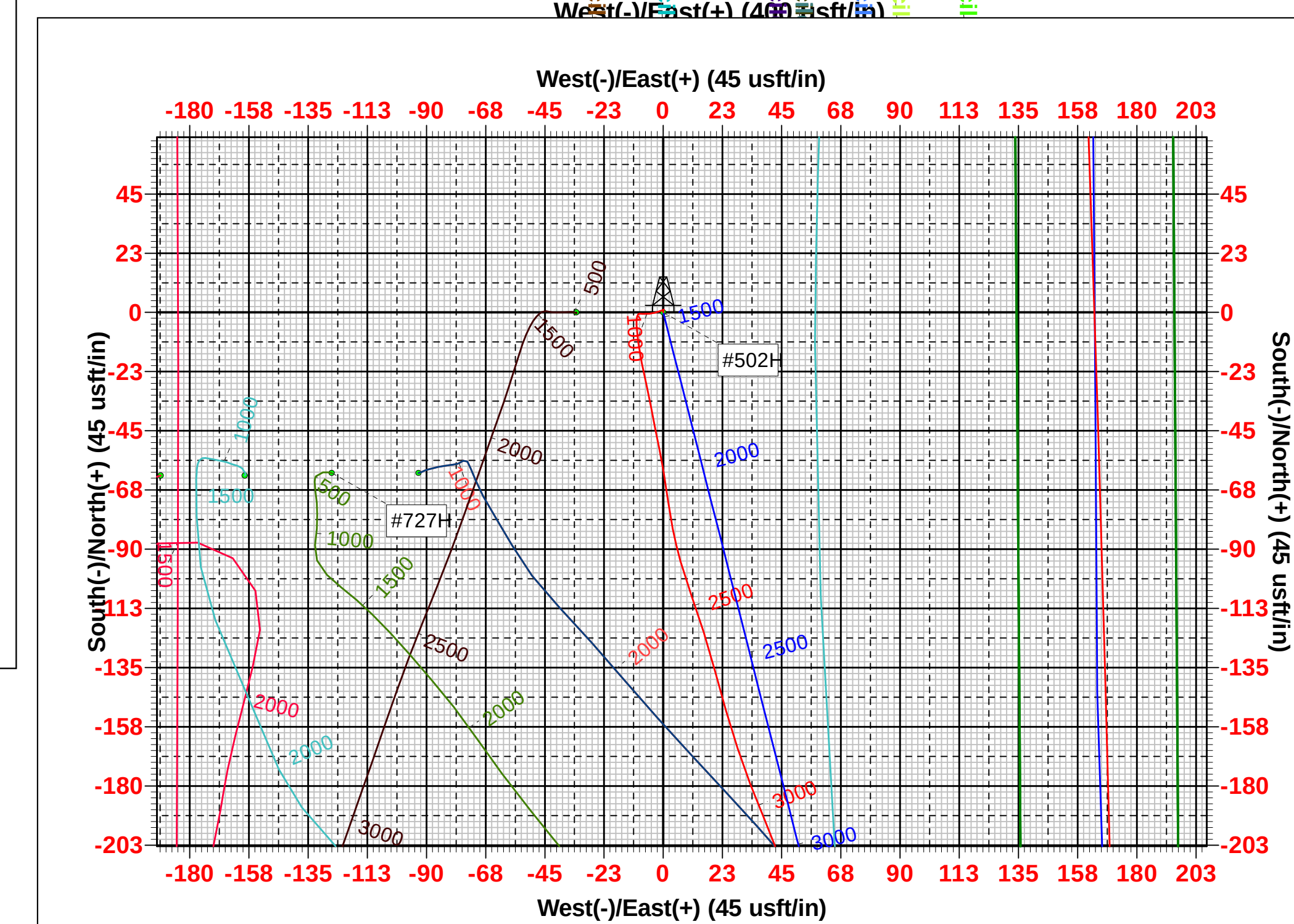
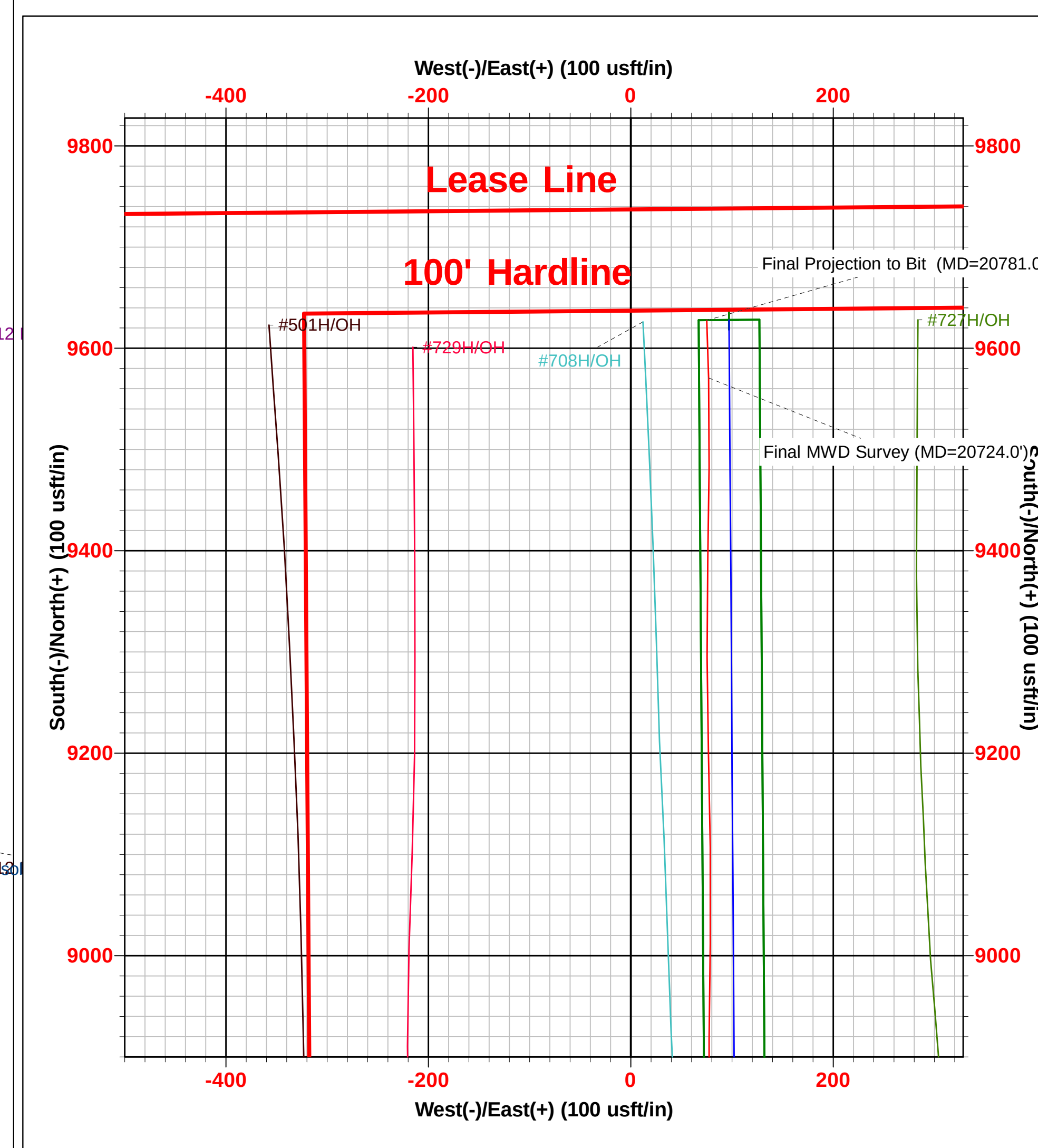
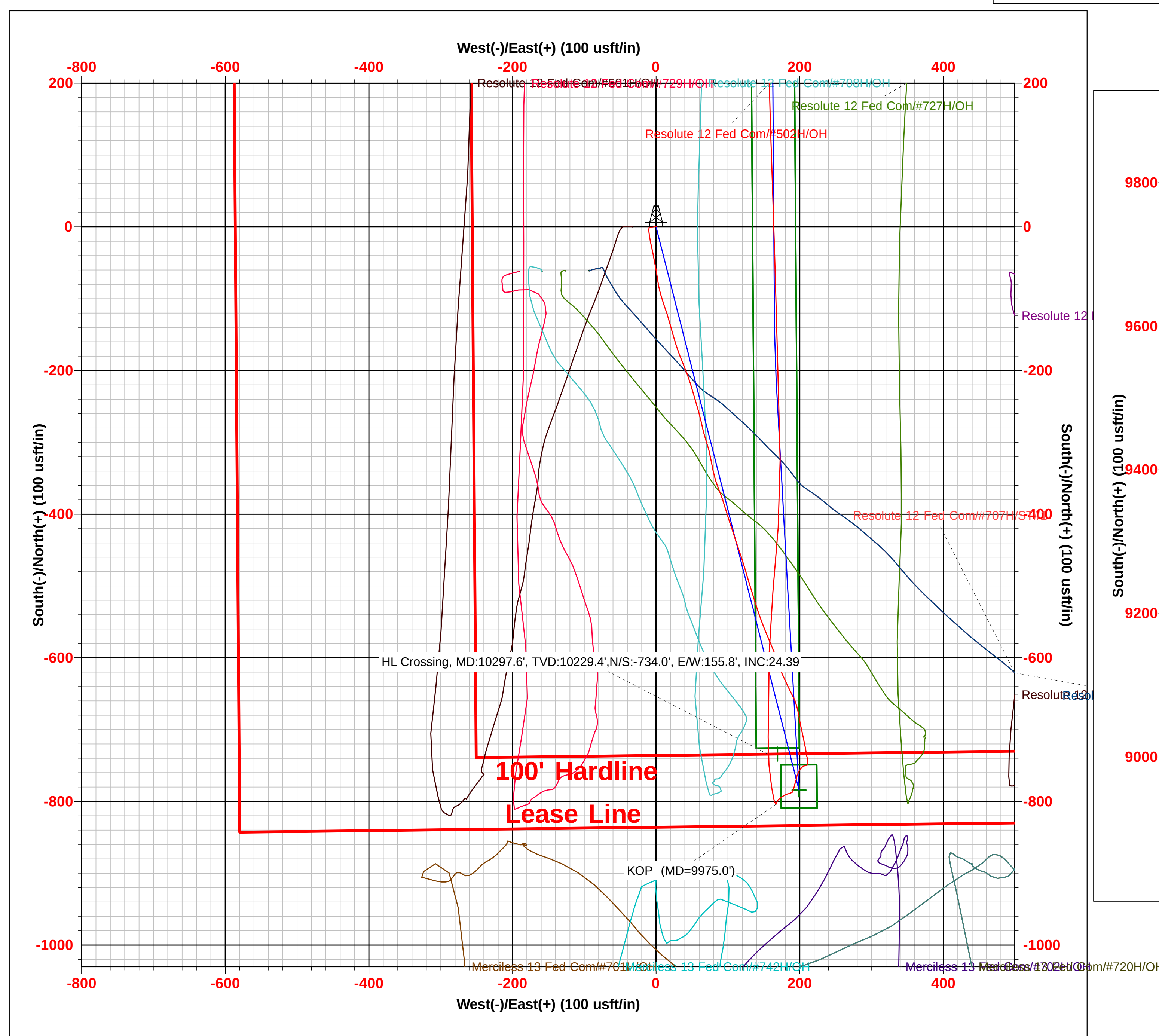
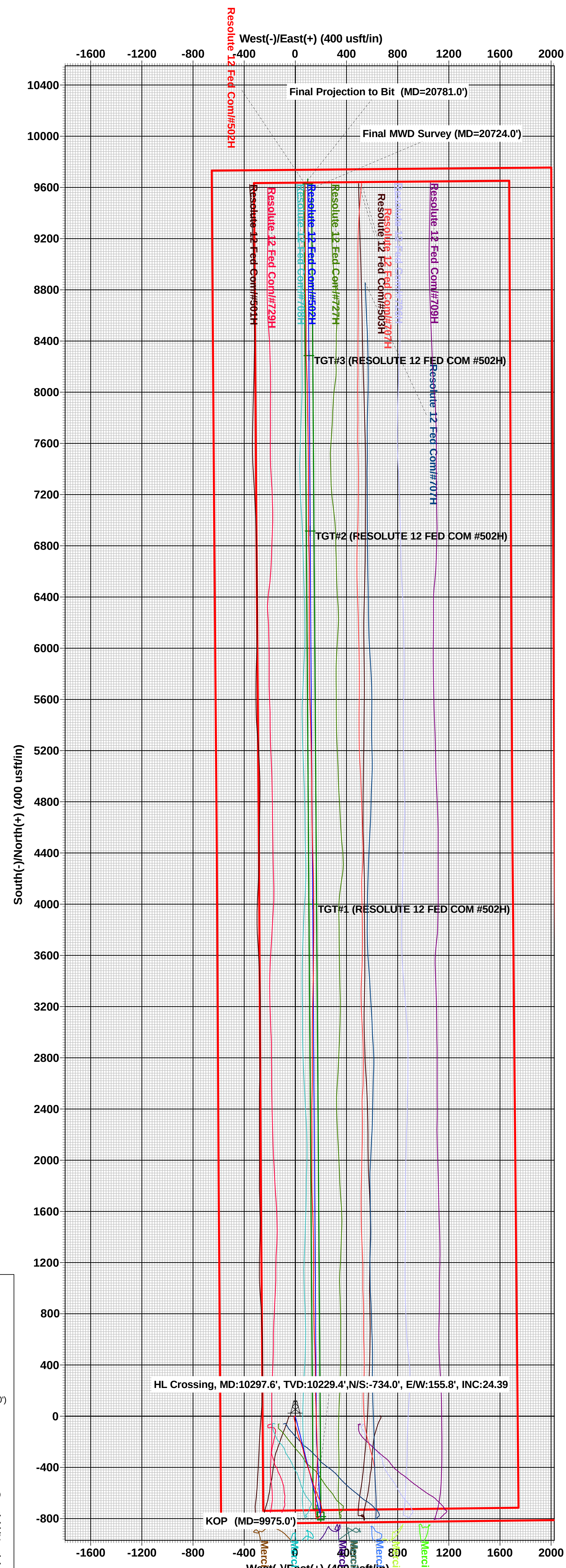
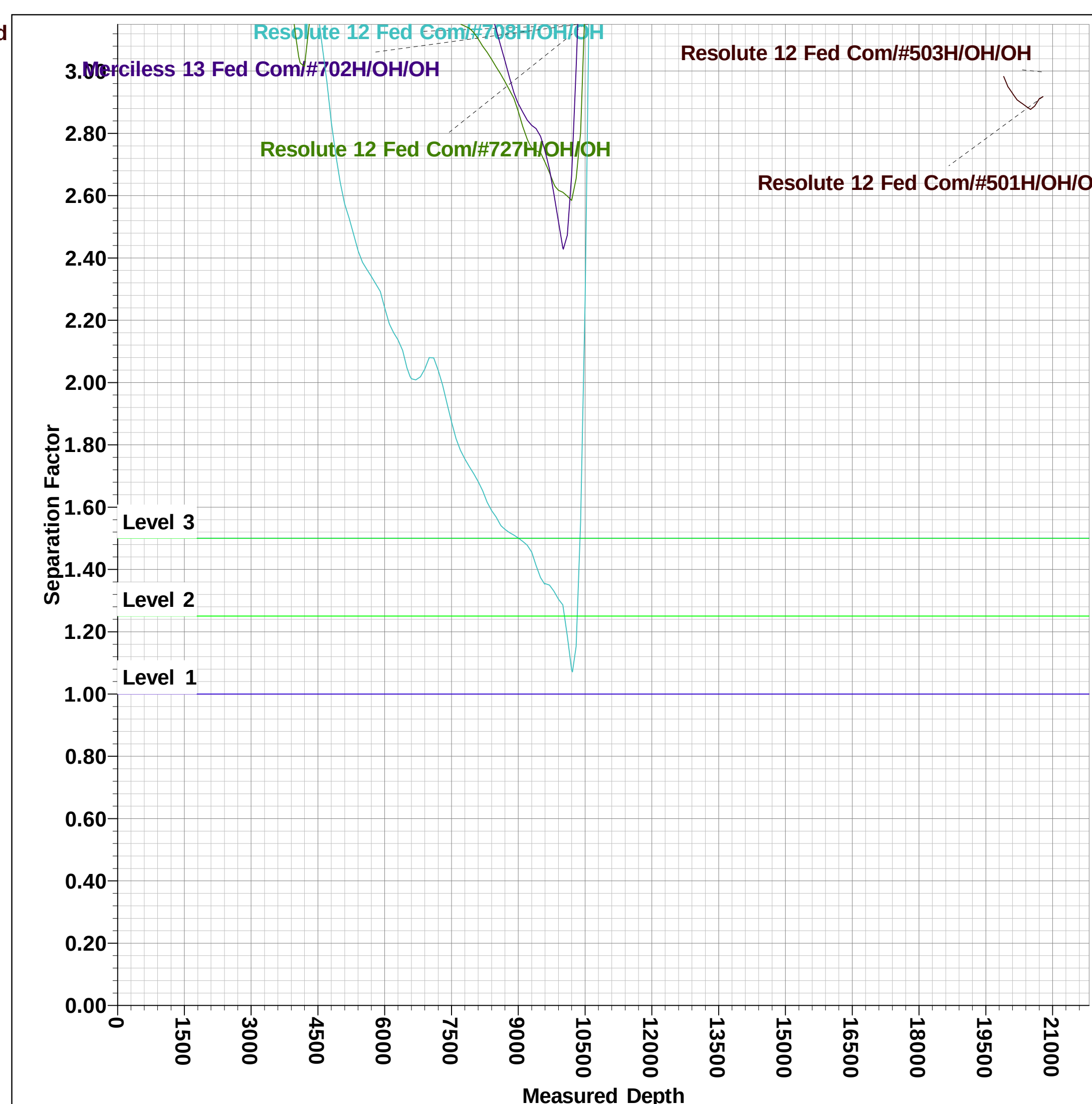
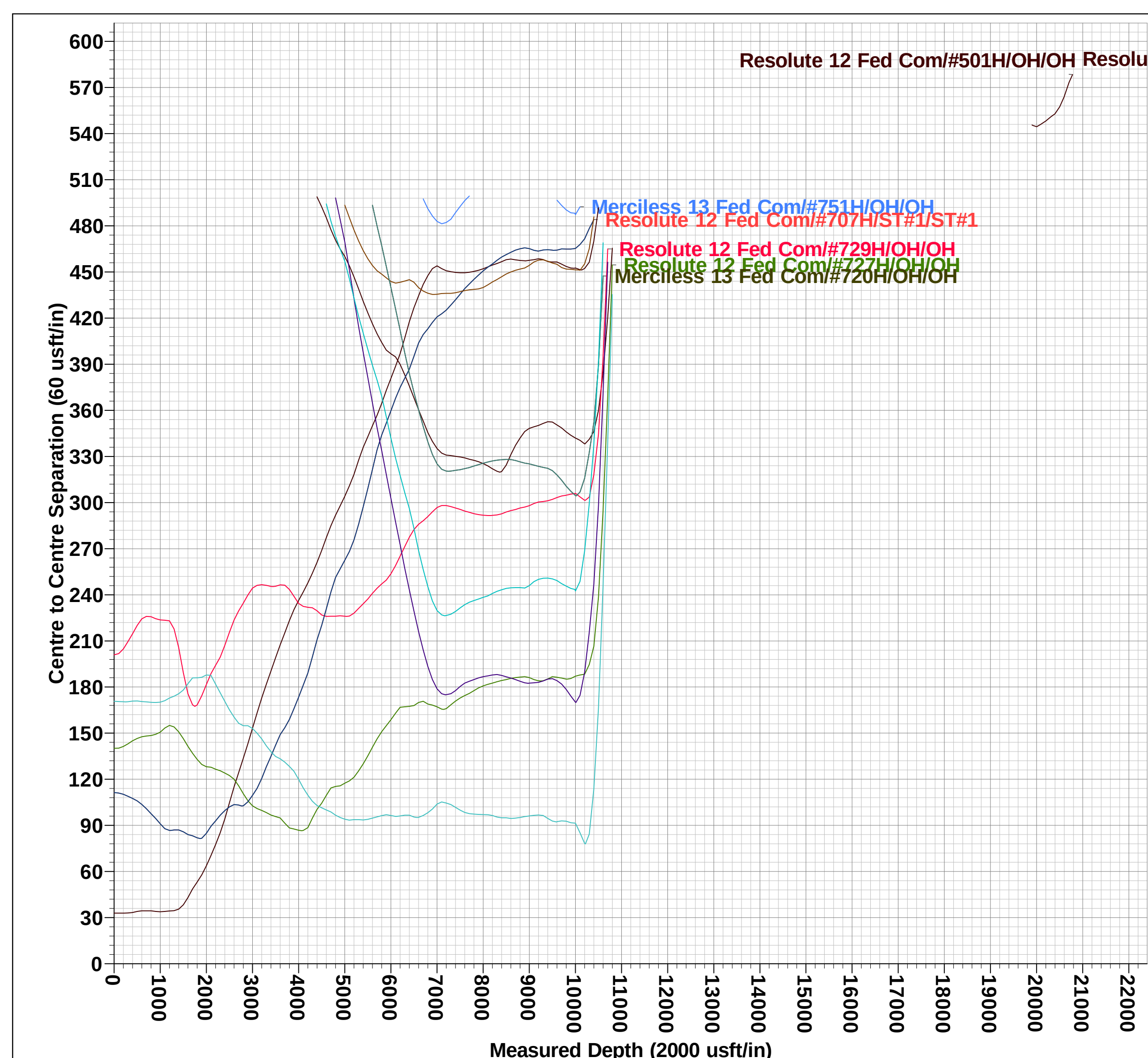
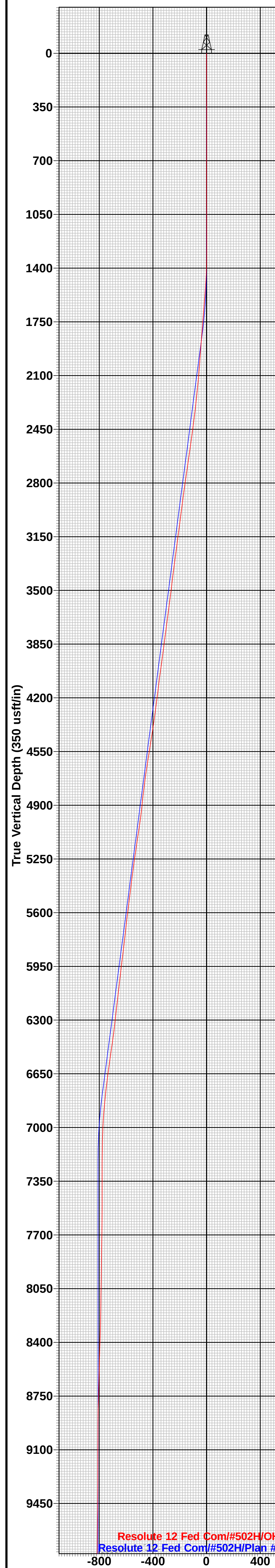
Geodetic System: US State Plane 1983  
Datum: North American Datum 1983  
Ellipsoid: GRS 1980  
Zone: New Mexico Eastern Zone  
System Datum: Mean Sea Level

WELL DETAILS: #502H

|           |                                      |                 |                  |
|-----------|--------------------------------------|-----------------|------------------|
|           | KB = 32' @ 3517.0usft (Nabors M1206) | 3485.0          |                  |
| Northing  | Easting                              | Latitude        | Longitude        |
| 415400.00 | 757439.00                            | 32° 8' 24.316 N | 103° 38' 6.536 W |



To convert a Magnetic Direction to a Grid Direction, Add 6.13°  
To convert a Magnetic Direction to a True Direction, Add 6.50° East  
To convert a True Direction to a Grid Direction, Subtract 0.37°







## Midland

Lea County, NM (NAD 83 NME)

Resolute 12 Fed Com

#502H

OH

Design: OH

## Final PVA

28 February, 2022





## Final PVA

|                  |                             |                                     |                                      |
|------------------|-----------------------------|-------------------------------------|--------------------------------------|
| <b>Company:</b>  | Midland                     | <b>Local Co-ordinate Reference:</b> | Well #502H                           |
| <b>Project:</b>  | Lea County, NM (NAD 83 NME) | <b>TVD Reference:</b>               | KB = 32' @ 3517.0usft (Nabors M1206) |
| <b>Site:</b>     | Resolute 12 Fed Com         | <b>MD Reference:</b>                | KB = 32' @ 3517.0usft (Nabors M1206) |
| <b>Well:</b>     | #502H                       | <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                     |  |
| 194.0        | 0.26       | 358.73               | 194.0         | 0.4           | 0.0           | 0.13                | 0.13                 | 0.00                | -0.4                   | 0.0                     |  |
| 285.0        | 0.18       | 23.78                | 285.0         | 0.8           | 0.0           | 0.14                | -0.09                | 27.53               | -0.7                   | 0.3                     |  |
| 373.0        | 0.18       | 36.70                | 373.0         | 1.0           | 0.2           | 0.05                | 0.00                 | 14.68               | -0.9                   | 0.5                     |  |
| 462.0        | 0.09       | 226.54               | 462.0         | 1.1           | 0.2           | 0.30                | -0.10                | -191.19             | 0.9                    | -0.6                    |  |
| 551.0        | 0.26       | 247.90               | 551.0         | 1.0           | 0.0           | 0.20                | 0.19                 | 24.00               | 0.3                    | -0.9                    |  |
| 641.0        | 0.53       | 248.60               | 641.0         | 0.7           | -0.6          | 0.30                | 0.30                 | 0.78                | -0.3                   | -0.9                    |  |
| 738.0        | 0.79       | 249.22               | 738.0         | 0.3           | -1.6          | 0.27                | 0.27                 | 0.64                | -1.4                   | -0.9                    |  |
| 832.0        | 1.06       | 256.60               | 832.0         | -0.1          | -3.1          | 0.31                | 0.29                 | 7.85                | -3.0                   | -0.6                    |  |
| 927.0        | 1.14       | 261.52               | 927.0         | -0.4          | -4.9          | 0.13                | 0.08                 | 5.18                | -4.9                   | -0.3                    |  |
| 938.0        | 1.14       | 263.19               | 938.0         | -0.5          | -5.1          | 0.30                | 0.00                 | 15.18               | -5.1                   | -0.1                    |  |
| 1,118.0      | 0.53       | 279.19               | 1,117.9       | -0.6          | -7.7          | 0.36                | -0.34                | 8.89                | -7.5                   | 1.8                     |  |
| 1,252.0      | 0.62       | 269.61               | 1,251.9       | -0.5          | -9.0          | 0.10                | 0.07                 | -7.15               | -9.0                   | 0.4                     |  |
| 1,346.0      | 1.32       | 197.45               | 1,345.9       | -1.5          | -9.9          | 1.36                | 0.74                 | -76.77              | -4.4                   | -9.0                    |  |
| 1,441.0      | 2.90       | 178.20               | 1,440.9       | -4.9          | -10.1         | 1.80                | 1.66                 | -20.26              | -4.3                   | -10.3                   |  |
| 1,535.0      | 4.57       | 172.93               | 1,534.7       | -11.0         | -9.6          | 1.81                | 1.78                 | -5.61               | -6.6                   | -11.3                   |  |
| 1,629.0      | 5.45       | 167.48               | 1,628.3       | -19.1         | -8.2          | 1.06                | 0.94                 | -5.80               | -7.8                   | -12.4                   |  |
| 1,724.0      | 5.28       | 167.92               | 1,722.9       | -27.8         | -6.3          | 0.18                | -0.18                | 0.46                | -7.6                   | -12.6                   |  |
| 1,818.0      | 5.19       | 169.50               | 1,816.5       | -36.2         | -4.6          | 0.18                | -0.10                | 1.68                | -4.3                   | -13.1                   |  |
| 1,912.0      | 4.92       | 168.80               | 1,910.1       | -44.3         | -3.0          | 0.29                | -0.29                | -0.74               | 1.5                    | -13.9                   |  |
| 2,008.0      | 4.57       | 168.01               | 2,005.8       | -52.1         | -1.4          | 0.37                | -0.36                | -0.82               | 8.1                    | -14.5                   |  |
| 2,102.0      | 5.89       | 170.82               | 2,099.4       | -60.5         | 0.1           | 1.43                | 1.40                 | 2.99                | 12.7                   | -16.0                   |  |
| 2,197.0      | 6.77       | 171.87               | 2,193.8       | -70.9         | 1.7           | 0.93                | 0.93                 | 1.11                | 16.1                   | -17.6                   |  |
| 2,292.0      | 7.03       | 168.89               | 2,288.1       | -82.1         | 3.6           | 0.47                | 0.27                 | -3.14               | 19.7                   | -17.8                   |  |
| 2,387.0      | 8.27       | 164.49               | 2,382.3       | -94.4         | 6.5           | 1.44                | 1.31                 | -4.63               | 22.5                   | -16.4                   |  |
| 2,482.0      | 8.71       | 160.54               | 2,476.2       | -107.8        | 10.8          | 0.77                | 0.46                 | -4.16               | 23.6                   | -14.0                   |  |
| 2,575.0      | 9.15       | 162.29               | 2,568.1       | -121.5        | 15.4          | 0.56                | 0.47                 | 1.88                | 22.6                   | -13.7                   |  |



## Final PVA

|                  |                             |                                     |                                      |
|------------------|-----------------------------|-------------------------------------|--------------------------------------|
| <b>Company:</b>  | Midland                     | <b>Local Co-ordinate Reference:</b> | Well #502H                           |
| <b>Project:</b>  | Lea County, NM (NAD 83 NME) | <b>TVD Reference:</b>               | KB = 32' @ 3517.0usft (Nabors M1206) |
| <b>Site:</b>     | Resolute 12 Fed Com         | <b>MD Reference:</b>                | KB = 32' @ 3517.0usft (Nabors M1206) |
| <b>Well:</b>     | #502H                       | <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) |
| 2,670.0      | 9.67       | 165.37               | 2,661.8       | -136.4        | 19.7          | 0.76                | 0.55                 | 3.24                | 20.4                   | -14.4                   |
| 2,764.0      | 9.32       | 163.44               | 2,754.5       | -151.3        | 23.8          | 0.50                | -0.37                | -2.05               | 19.3                   | -13.4                   |
| 2,859.0      | 8.88       | 162.21               | 2,848.4       | -165.7        | 28.3          | 0.51                | -0.46                | -1.29               | 18.7                   | -12.2                   |
| 2,954.0      | 8.53       | 158.60               | 2,942.3       | -179.2        | 33.1          | 0.68                | -0.37                | -3.80               | 19.0                   | -9.8                    |
| 3,048.0      | 8.35       | 157.81               | 3,035.2       | -192.0        | 38.2          | 0.23                | -0.19                | -0.84               | 19.2                   | -7.7                    |
| 3,143.0      | 8.44       | 159.04               | 3,129.2       | -204.9        | 43.3          | 0.21                | 0.09                 | 1.29                | 19.2                   | -6.3                    |
| 3,237.0      | 8.97       | 163.79               | 3,222.1       | -218.4        | 47.8          | 0.95                | 0.56                 | 5.05                | 18.4                   | -6.8                    |
| 3,331.0      | 8.44       | 163.61               | 3,315.1       | -232.1        | 51.8          | 0.56                | -0.56                | -0.19               | 18.2                   | -6.2                    |
| 3,425.0      | 8.18       | 163.70               | 3,408.1       | -245.1        | 55.6          | 0.28                | -0.28                | 0.10                | 18.6                   | -5.7                    |
| 3,520.0      | 7.91       | 163.70               | 3,502.1       | -257.9        | 59.4          | 0.28                | -0.28                | 0.00                | 19.4                   | -5.2                    |
| 3,614.0      | 8.62       | 168.01               | 3,595.2       | -271.0        | 62.6          | 1.00                | 0.76                 | 4.59                | 19.4                   | -6.7                    |
| 3,709.0      | 8.71       | 165.81               | 3,689.1       | -284.9        | 65.9          | 0.36                | 0.09                 | -2.32               | 19.5                   | -6.3                    |
| 3,804.0      | 8.09       | 161.77               | 3,783.1       | -298.2        | 69.7          | 0.90                | -0.65                | -4.25               | 20.1                   | -4.4                    |
| 3,899.0      | 8.71       | 165.55               | 3,877.0       | -311.5        | 73.6          | 0.87                | 0.65                 | 3.98                | 20.1                   | -5.2                    |
| 3,993.0      | 9.23       | 170.29               | 3,969.9       | -325.9        | 76.7          | 0.96                | 0.55                 | 5.04                | 18.9                   | -7.4                    |
| 4,088.0      | 8.35       | 167.92               | 4,063.8       | -340.1        | 79.4          | 1.00                | -0.93                | -2.49               | 18.8                   | -7.4                    |
| 4,182.0      | 8.27       | 162.29               | 4,156.8       | -353.2        | 82.9          | 0.87                | -0.09                | -5.99               | 19.8                   | -5.4                    |
| 4,276.0      | 8.44       | 157.81               | 4,249.8       | -366.1        | 87.5          | 0.72                | 0.18                 | -4.77               | 20.4                   | -2.4                    |
| 4,370.0      | 8.88       | 161.59               | 4,342.7       | -379.3        | 92.4          | 0.77                | 0.47                 | 4.02                | 20.0                   | -2.3                    |
| 4,465.0      | 10.20      | 163.44               | 4,436.4       | -394.4        | 97.2          | 1.43                | 1.39                 | 1.95                | 18.3                   | -2.1                    |
| 4,559.0      | 10.38      | 161.85               | 4,528.9       | -410.4        | 102.2         | 0.36                | 0.19                 | -1.69               | 15.4                   | -0.9                    |
| 4,653.0      | 10.20      | 160.98               | 4,621.4       | -426.3        | 107.5         | 0.25                | -0.19                | -0.93               | 12.5                   | 0.4                     |
| 4,726.0      | 9.41       | 162.82               | 4,693.3       | -438.1        | 111.4         | 1.16                | -1.08                | 2.52                | 10.9                   | 0.7                     |
| 4,831.0      | 8.09       | 160.62               | 4,797.1       | -453.3        | 116.4         | 1.30                | -1.26                | -2.10               | 10.5                   | 2.2                     |
| 4,926.0      | 6.42       | 162.29               | 4,891.3       | -464.6        | 120.2         | 1.77                | -1.76                | 1.76                | 12.7                   | 3.0                     |
| 5,020.0      | 8.79       | 163.17               | 4,984.5       | -476.5        | 123.9         | 2.52                | 2.52                 | 0.94                | 14.3                   | 3.5                     |
| 5,114.0      | 9.85       | 163.52               | 5,077.2       | -491.1        | 128.2         | 1.13                | 1.13                 | 0.37                | 13.0                   | 4.0                     |





## Final PVA

**Company:** Midland  
**Project:** Lea County, NM (NAD 83 NME)  
**Site:** Resolute 12 Fed Com  
**Well:** #502H  
**Wellbore:** OH  
**Design:** OH

**Local Co-ordinate Reference:** Well #502H  
**TVD Reference:** KB = 32' @ 3517.0usft (Nabors M1206)  
**MD Reference:** KB = 32' @ 3517.0usft (Nabors M1206)  
**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) |
| 5,209.0      | 9.58       | 163.17               | 5,170.9       | -506.5        | 132.8         | 0.29                | -0.28                | -0.37               | 11.1                   | 4.7                     |
| 5,304.0      | 9.15       | 162.56               | 5,264.6       | -521.2        | 137.4         | 0.46                | -0.45                | -0.64               | 9.6                    | 5.5                     |
| 5,399.0      | 8.35       | 161.77               | 5,358.5       | -535.0        | 141.8         | 0.85                | -0.84                | -0.83               | 9.2                    | 6.5                     |
| 5,494.0      | 8.27       | 159.66               | 5,452.5       | -548.0        | 146.3         | 0.33                | -0.08                | -2.22               | 9.3                    | 8.1                     |
| 5,588.0      | 8.27       | 157.72               | 5,545.5       | -560.6        | 151.3         | 0.30                | 0.00                 | -2.06               | 9.4                    | 10.1                    |
| 5,683.0      | 7.74       | 157.27               | 5,639.6       | -572.8        | 156.3         | 0.56                | -0.56                | -0.47               | 10.0                   | 12.2                    |
| 5,777.0      | 7.03       | 156.92               | 5,732.8       | -583.9        | 161.0         | 0.76                | -0.76                | -0.37               | 11.7                   | 14.4                    |
| 5,872.0      | 8.09       | 159.03               | 5,827.0       | -595.5        | 165.7         | 1.15                | 1.12                 | 2.22                | 13.8                   | 15.8                    |
| 5,966.0      | 7.91       | 162.02               | 5,920.1       | -607.8        | 170.1         | 0.48                | -0.19                | 3.18                | 15.5                   | 16.3                    |
| 6,060.0      | 7.74       | 157.80               | 6,013.2       | -619.8        | 174.4         | 0.64                | -0.18                | -4.49               | 15.3                   | 18.9                    |
| 6,154.0      | 7.30       | 153.23               | 6,106.4       | -631.0        | 179.5         | 0.79                | -0.47                | -4.86               | 15.2                   | 22.5                    |
| 6,249.0      | 8.00       | 155.42               | 6,200.6       | -642.4        | 185.0         | 0.80                | 0.74                 | 2.31                | 17.3                   | 24.7                    |
| 6,343.0      | 7.12       | 151.91               | 6,293.7       | -653.5        | 190.5         | 1.06                | -0.94                | -3.73               | 17.0                   | 28.7                    |
| 6,437.0      | 8.27       | 162.72               | 6,386.9       | -665.1        | 195.2         | 1.96                | 1.22                 | 11.50               | 23.5                   | 26.8                    |
| 6,531.0      | 9.85       | 170.63               | 6,479.7       | -679.5        | 198.5         | 2.14                | 1.68                 | 8.41                | 26.1                   | 23.1                    |
| 6,626.0      | 8.88       | 167.99               | 6,573.5       | -694.7        | 201.4         | 1.12                | -1.02                | -2.78               | 23.7                   | 23.4                    |
| 6,719.0      | 8.35       | 167.55               | 6,665.4       | -708.3        | 204.3         | 0.57                | -0.57                | -0.47               | 23.4                   | 23.1                    |
| 6,814.0      | 7.65       | 169.05               | 6,759.5       | -721.3        | 207.0         | 0.77                | -0.74                | 1.58                | 24.9                   | 21.8                    |
| 6,908.0      | 6.33       | 170.89               | 6,852.8       | -732.5        | 209.0         | 1.42                | -1.40                | 1.96                | 27.3                   | 20.0                    |
| 7,003.0      | 3.78       | 165.00               | 6,947.4       | -740.7        | 210.7         | 2.74                | -2.68                | -6.20               | 27.0                   | 22.3                    |
| 7,097.0      | 2.29       | 179.86               | 7,041.3       | -745.6        | 211.5         | 1.78                | -1.59                | 15.81               | 33.7                   | 13.7                    |
| 7,192.0      | 0.97       | 209.04               | 7,136.2       | -748.2        | 211.1         | 1.60                | -1.39                | 30.72               | 36.6                   | -6.2                    |
| 7,286.0      | 1.14       | 228.46               | 7,230.2       | -749.5        | 210.0         | 0.42                | 0.18                 | 20.66               | 31.1                   | -18.5                   |
| 7,381.0      | 0.97       | 274.08               | 7,325.2       | -750.1        | 208.5         | 0.88                | -0.18                | 48.02               | 7.1                    | -34.5                   |
| 7,476.0      | 1.06       | 257.55               | 7,420.2       | -750.2        | 206.8         | 0.32                | 0.09                 | -17.40              | 14.9                   | -31.3                   |
| 7,571.0      | 1.14       | 242.70               | 7,515.2       | -750.8        | 205.1         | 0.31                | 0.08                 | -15.63              | 20.7                   | -26.7                   |
| 7,665.0      | 1.41       | 221.61               | 7,609.2       | -752.1        | 203.5         | 0.57                | 0.29                 | -22.44              | 26.8                   | -17.8                   |



## Final PVA

|                  |                             |                                     |                                      |
|------------------|-----------------------------|-------------------------------------|--------------------------------------|
| <b>Company:</b>  | Midland                     | <b>Local Co-ordinate Reference:</b> | Well #502H                           |
| <b>Project:</b>  | Lea County, NM (NAD 83 NME) | <b>TVD Reference:</b>               | KB = 32' @ 3517.0usft (Nabors M1206) |
| <b>Site:</b>     | Resolute 12 Fed Com         | <b>MD Reference:</b>                | KB = 32' @ 3517.0usft (Nabors M1206) |
| <b>Well:</b>     | #502H                       | <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) |
| 7,760.0                 | 1.58       | 220.55               | 7,704.1       | -754.0        | 201.9         | 0.18                | 0.18                 | -1.12               | 24.7                   | -17.3                   |
| 7,855.0                 | 1.49       | 216.24               | 7,799.1       | -756.0        | 200.3         | 0.15                | -0.09                | -4.54               | 23.4                   | -15.5                   |
| 7,949.0                 | 1.41       | 210.36               | 7,893.1       | -758.0        | 199.0         | 0.18                | -0.09                | -6.26               | 22.5                   | -13.1                   |
| 8,044.0                 | 1.41       | 203.59               | 7,988.0       | -760.0        | 198.0         | 0.18                | 0.00                 | -7.13               | 21.5                   | -10.5                   |
| 8,138.0                 | 1.06       | 202.01               | 8,082.0       | -761.9        | 197.2         | 0.37                | -0.37                | -1.68               | 19.8                   | -10.0                   |
| 8,233.0                 | 1.32       | 201.83               | 8,177.0       | -763.7        | 196.4         | 0.27                | 0.27                 | -0.19               | 17.9                   | -9.9                    |
| 8,328.0                 | 1.76       | 192.16               | 8,272.0       | -766.2        | 195.7         | 0.54                | 0.46                 | -10.18              | 16.7                   | -7.0                    |
| 8,422.0                 | 1.76       | 191.63               | 8,365.9       | -769.0        | 195.1         | 0.02                | 0.00                 | -0.56               | 13.9                   | -6.8                    |
| 8,516.0                 | 2.02       | 195.15               | 8,459.9       | -772.0        | 194.4         | 0.30                | 0.28                 | 3.74                | 10.4                   | -7.6                    |
| 8,610.0                 | 2.11       | 196.91               | 8,553.8       | -775.3        | 193.5         | 0.12                | 0.10                 | 1.87                | 6.7                    | -7.8                    |
| 8,705.0                 | 2.20       | 193.74               | 8,648.7       | -778.7        | 192.5         | 0.16                | 0.09                 | -3.34               | 3.6                    | -7.5                    |
| 8,799.0                 | 2.20       | 196.73               | 8,742.7       | -782.2        | 191.6         | 0.12                | 0.00                 | 3.18                | -0.4                   | -7.6                    |
| 8,893.0                 | 2.11       | 202.36               | 8,836.6       | -785.5        | 190.4         | 0.24                | -0.10                | 5.99                | -4.7                   | -7.4                    |
| 8,988.0                 | 0.44       | 244.55               | 8,931.6       | -787.3        | 189.4         | 1.90                | -1.76                | 44.41               | -10.1                  | -1.1                    |
| 9,082.0                 | 0.44       | 248.94               | 9,025.6       | -787.6        | 188.7         | 0.04                | 0.00                 | 4.67                | -10.9                  | -0.3                    |
| 9,176.0                 | 0.97       | 239.89               | 9,119.6       | -788.1        | 187.7         | 0.57                | 0.56                 | -9.63               | -11.8                  | -2.1                    |
| 9,270.0                 | 1.49       | 255.18               | 9,213.5       | -788.8        | 185.8         | 0.65                | 0.55                 | 16.27               | -14.0                  | 1.3                     |
| 9,364.0                 | 2.11       | 254.65               | 9,307.5       | -789.6        | 183.0         | 0.66                | 0.66                 | -0.56               | -16.9                  | 1.2                     |
| 9,458.0                 | 2.29       | 242.61               | 9,401.4       | -790.9        | 179.7         | 0.53                | 0.19                 | -12.81              | -20.4                  | -2.8                    |
| 9,551.0                 | 1.93       | 234.00               | 9,494.4       | -792.7        | 176.7         | 0.51                | -0.39                | -9.26               | -23.1                  | -6.1                    |
| 9,645.0                 | 2.29       | 235.40               | 9,588.3       | -794.7        | 173.9         | 0.39                | 0.38                 | 1.49                | -26.7                  | -5.4                    |
| 9,739.0                 | 1.76       | 232.06               | 9,682.2       | -796.6        | 171.2         | 0.58                | -0.56                | -3.55               | -29.7                  | -7.1                    |
| 9,834.0                 | 1.58       | 218.00               | 9,777.2       | -798.6        | 169.3         | 0.47                | -0.19                | -14.80              | -29.8                  | -14.5                   |
| 9,882.0                 | 2.11       | 200.78               | 9,825.2       | -799.9        | 168.6         | 1.59                | 1.10                 | -35.87              | -25.7                  | -22.8                   |
| 9,975.0                 | 2.55       | 194.67               | 9,918.1       | -803.5        | 167.4         | 0.54                | 0.47                 | -6.57               | -26.9                  | -25.6                   |
| <b>KOP (MD=9975.0')</b> |            |                      |               |               |               |                     |                      |                     |                        |                         |
| 9,976.0                 | 2.55       | 194.62               | 9,919.1       | -803.6        | 167.4         | 0.54                | 0.48                 | -5.42               | -26.9                  | -25.6                   |



## Final PVA

|                  |                             |                                     |                                      |
|------------------|-----------------------------|-------------------------------------|--------------------------------------|
| <b>Company:</b>  | Midland                     | <b>Local Co-ordinate Reference:</b> | Well #502H                           |
| <b>Project:</b>  | Lea County, NM (NAD 83 NME) | <b>TVD Reference:</b>               | KB = 32' @ 3517.0usft (Nabors M1206) |
| <b>Site:</b>     | Resolute 12 Fed Com         | <b>MD Reference:</b>                | KB = 32' @ 3517.0usft (Nabors M1206) |
| <b>Well:</b>     | #502H                       | <b>North Reference:</b>             | Grid                                 |
| <b>Wellbore:</b> | OH                          | <b>Survey Calculation Method:</b>   | Minimum Curvature                    |
| <b>Design:</b>   | OH                          | <b>Database:</b>                    | PEDM                                 |

| Survey                                                                            |            |                      |               |               |               |                     |                      |                     |                        |                         |
|-----------------------------------------------------------------------------------|------------|----------------------|---------------|---------------|---------------|---------------------|----------------------|---------------------|------------------------|-------------------------|
| MD<br>(usft)                                                                      | Inc<br>(°) | Azi (azimuth)<br>(°) | TVD<br>(usft) | N/S<br>(usft) | E/W<br>(usft) | DLeg<br>(°/100usft) | Build<br>(°/100usft) | Turn<br>(°/100usft) | High to Plan<br>(usft) | Right to Plan<br>(usft) |
| 10,071.0                                                                          | 6.95       | 338.41               | 10,013.9      | -800.3        | 164.8         | 9.61                | 4.63                 | 151.36              | 6.2                    | 39.0                    |
| 10,166.0                                                                          | 16.71      | 353.27               | 10,106.8      | -781.3        | 161.0         | 10.68               | 10.27                | 15.64               | 15.0                   | 38.7                    |
| 10,259.0                                                                          | 23.48      | 352.74               | 10,194.1      | -749.6        | 157.1         | 7.28                | 7.28                 | -0.57               | 14.9                   | 40.9                    |
| 10,297.6                                                                          | 24.39      | 357.46               | 10,229.4      | -734.0        | 155.8         | 5.50                | 2.37                 | 12.23               | 19.7                   | 40.2                    |
| <b>HL Crossing, MD:10297.6', TVD:10229.4', N/S:-734.0', E/W:155.8', INC:24.39</b> |            |                      |               |               |               |                     |                      |                     |                        |                         |
| 10,353.0                                                                          | 25.94      | 3.64                 | 10,279.5      | -710.5        | 156.1         | 5.50                | 2.79                 | 11.15               | 28.9                   | 36.0                    |
| 10,448.0                                                                          | 37.37      | 358.63               | 10,360.2      | -660.8        | 156.7         | 12.34               | 12.03                | -5.27               | 37.0                   | 34.5                    |
| 10,542.0                                                                          | 57.51      | 2.06                 | 10,423.5      | -591.9        | 157.4         | 21.59               | 21.43                | 3.65                | 37.4                   | 28.8                    |
| 10,636.0                                                                          | 71.23      | 4.96                 | 10,464.1      | -507.5        | 162.7         | 14.86               | 14.60                | 3.09                | 23.4                   | 19.5                    |
| 10,730.0                                                                          | 74.04      | 4.43                 | 10,492.1      | -418.1        | 170.1         | 3.04                | 2.99                 | -0.56               | 10.2                   | 8.0                     |
| 10,825.0                                                                          | 84.59      | 358.80               | 10,509.7      | -325.0        | 172.6         | 12.54               | 11.11                | -5.93               | 1.0                    | 0.7                     |
| 10,919.0                                                                          | 89.52      | 358.45               | 10,514.6      | -231.2        | 170.4         | 5.26                | 5.24                 | -0.37               | -5.1                   | -2.3                    |
| 11,013.0                                                                          | 90.92      | 358.54               | 10,514.2      | -137.2        | 167.9         | 1.49                | 1.49                 | 0.10                | -6.1                   | -3.0                    |
| 11,108.0                                                                          | 91.89      | 358.19               | 10,511.9      | -42.3         | 165.2         | 1.09                | 1.02                 | -0.37               | -8.8                   | -1.0                    |
| 11,202.0                                                                          | 89.60      | 358.10               | 10,510.7      | 51.7          | 162.2         | 2.44                | -2.44                | -0.10               | -10.4                  | 1.4                     |
| 11,297.0                                                                          | 90.31      | 358.01               | 10,510.7      | 146.6         | 158.9         | 0.75                | 0.75                 | -0.09               | -10.7                  | 4.0                     |
| 11,392.0                                                                          | 89.60      | 359.42               | 10,510.8      | 241.6         | 156.8         | 1.66                | -0.75                | 1.48                | -11.0                  | 5.5                     |
| 11,487.0                                                                          | 87.76      | 0.03                 | 10,513.0      | 336.6         | 156.3         | 2.04                | -1.94                | 0.64                | -9.2                   | 5.3                     |
| 11,582.0                                                                          | 88.11      | 359.07               | 10,516.4      | 431.5         | 155.6         | 1.07                | 0.37                 | -1.01               | -6.2                   | 5.3                     |
| 11,676.0                                                                          | 88.55      | 357.84               | 10,519.2      | 525.4         | 153.1         | 1.39                | 0.47                 | -1.31               | -3.9                   | 7.2                     |
| 11,770.0                                                                          | 89.34      | 357.22               | 10,520.9      | 619.3         | 149.0         | 1.07                | 0.84                 | -0.66               | -2.5                   | 10.6                    |
| 11,865.0                                                                          | 89.60      | 359.68               | 10,521.8      | 714.3         | 146.4         | 2.60                | 0.27                 | 2.59                | -2.0                   | 12.5                    |
| 11,960.0                                                                          | 90.57      | 359.07               | 10,521.6      | 809.3         | 145.4         | 1.21                | 1.02                 | -0.64               | -2.6                   | 12.9                    |
| 12,054.0                                                                          | 91.63      | 358.63               | 10,519.8      | 903.2         | 143.5         | 1.22                | 1.13                 | -0.47               | -4.8                   | 14.1                    |
| 12,149.0                                                                          | 89.60      | 0.47                 | 10,518.8      | 998.2         | 142.8         | 2.88                | -2.14                | 1.94                | -6.2                   | 14.2                    |
| 12,244.0                                                                          | 90.04      | 0.39                 | 10,519.1      | 1,093.2       | 143.5         | 0.47                | 0.46                 | -0.08               | -6.3                   | 12.8                    |
| 12,339.0                                                                          | 90.84      | 359.59               | 10,518.4      | 1,188.2       | 143.5         | 1.19                | 0.84                 | -0.84               | -7.4                   | 12.2                    |





## Final PVA

|                  |                             |                                     |                                      |
|------------------|-----------------------------|-------------------------------------|--------------------------------------|
| <b>Company:</b>  | Midland                     | <b>Local Co-ordinate Reference:</b> | Well #502H                           |
| <b>Project:</b>  | Lea County, NM (NAD 83 NME) | <b>TVD Reference:</b>               | KB = 32' @ 3517.0usft (Nabors M1206) |
| <b>Site:</b>     | Resolute 12 Fed Com         | <b>MD Reference:</b>                | KB = 32' @ 3517.0usft (Nabors M1206) |
| <b>Well:</b>     | #502H                       | <b>North Reference:</b>             | Grid                                 |
| <b>Wellbore:</b> | OH                          | <b>Survey Calculation Method:</b>   | Minimum Curvature                    |
| <b>Design:</b>   | OH                          | <b>Database:</b>                    | PEDM                                 |

| Survey       |            |                      |               |               |               |                     |                      |                     |                        |                         |
|--------------|------------|----------------------|---------------|---------------|---------------|---------------------|----------------------|---------------------|------------------------|-------------------------|
| MD<br>(usft) | Inc<br>(°) | Azi (azimuth)<br>(°) | TVD<br>(usft) | N/S<br>(usft) | E/W<br>(usft) | DLeg<br>(°/100usft) | Build<br>(°/100usft) | Turn<br>(°/100usft) | High to Plan<br>(usft) | Right to Plan<br>(usft) |
| 12,433.0     | 91.45      | 359.24               | 10,516.5      | 1,282.2       | 142.5         | 0.75                | 0.65                 | -0.37               | -9.7                   | 12.5                    |
| 12,527.0     | 88.02      | 359.51               | 10,516.9      | 1,376.2       | 141.5         | 3.66                | -3.65                | 0.29                | -9.6                   | 12.9                    |
| 12,622.0     | 88.46      | 358.63               | 10,519.8      | 1,471.1       | 139.9         | 1.04                | 0.46                 | -0.93               | -7.1                   | 13.8                    |
| 12,715.0     | 89.34      | 357.84               | 10,521.6      | 1,564.0       | 137.1         | 1.27                | 0.95                 | -0.85               | -5.7                   | 16.0                    |
| 12,810.0     | 90.31      | 357.13               | 10,521.9      | 1,658.9       | 132.9         | 1.27                | 1.02                 | -0.75               | -5.8                   | 19.5                    |
| 12,903.0     | 89.25      | 359.42               | 10,522.3      | 1,751.9       | 130.1         | 2.71                | -1.14                | 2.46                | -5.8                   | 21.6                    |
| 12,998.0     | 90.13      | 359.07               | 10,522.8      | 1,846.9       | 128.9         | 1.00                | 0.93                 | -0.37               | -5.7                   | 22.2                    |
| 13,093.0     | 88.64      | 0.39                 | 10,523.8      | 1,941.9       | 128.4         | 2.10                | -1.57                | 1.39                | -5.1                   | 22.0                    |
| 13,187.0     | 88.11      | 0.39                 | 10,526.5      | 2,035.8       | 129.1         | 0.56                | -0.56                | 0.00                | -2.8                   | 20.7                    |
| 13,282.0     | 88.81      | 0.12                 | 10,529.0      | 2,130.8       | 129.5         | 0.79                | 0.74                 | -0.28               | -0.6                   | 19.6                    |
| 13,376.0     | 89.52      | 359.77               | 10,530.4      | 2,224.8       | 129.4         | 0.84                | 0.76                 | -0.37               | 0.3                    | 19.1                    |
| 13,470.0     | 89.78      | 359.07               | 10,531.0      | 2,318.8       | 128.4         | 0.79                | 0.28                 | -0.74               | 0.5                    | 19.4                    |
| 13,564.0     | 88.90      | 1.09                 | 10,532.1      | 2,412.8       | 128.6         | 2.34                | -0.94                | 2.15                | 1.2                    | 18.6                    |
| 13,659.0     | 89.25      | 1.18                 | 10,533.6      | 2,507.7       | 130.4         | 0.38                | 0.37                 | 0.09                | 2.4                    | 16.0                    |
| 13,753.0     | 90.31      | 1.18                 | 10,533.9      | 2,601.7       | 132.4         | 1.13                | 1.13                 | 0.00                | 2.3                    | 13.5                    |
| 13,848.0     | 88.20      | 359.77               | 10,535.2      | 2,696.7       | 133.2         | 2.67                | -2.22                | -1.48               | 3.2                    | 12.0                    |
| 13,942.0     | 88.72      | 359.95               | 10,537.7      | 2,790.7       | 132.9         | 0.59                | 0.55                 | 0.19                | 5.3                    | 11.6                    |
| 14,037.0     | 89.43      | 359.77               | 10,539.2      | 2,885.6       | 132.7         | 0.77                | 0.75                 | -0.19               | 6.5                    | 11.1                    |
| 14,130.0     | 90.84      | 0.03                 | 10,539.0      | 2,978.6       | 132.5         | 1.54                | 1.52                 | 0.28                | 5.8                    | 10.7                    |
| 14,223.0     | 90.04      | 0.82                 | 10,538.3      | 3,071.6       | 133.2         | 1.21                | -0.86                | 0.85                | 4.8                    | 9.3                     |
| 14,317.0     | 91.71      | 1.00                 | 10,536.9      | 3,165.6       | 134.7         | 1.79                | 1.78                 | 0.19                | 2.9                    | 7.2                     |
| 14,411.0     | 89.78      | 1.53                 | 10,535.6      | 3,259.6       | 136.8         | 2.13                | -2.05                | 0.56                | 1.3                    | 4.5                     |
| 14,505.0     | 89.34      | 1.09                 | 10,536.4      | 3,353.5       | 139.0         | 0.66                | -0.47                | -0.47               | 1.6                    | 1.6                     |
| 14,600.0     | 91.10      | 0.91                 | 10,536.0      | 3,448.5       | 140.6         | 1.86                | 1.85                 | -0.19               | 0.9                    | -0.7                    |
| 14,694.0     | 89.60      | 0.30                 | 10,535.4      | 3,542.5       | 141.6         | 1.72                | -1.60                | -0.65               | -0.1                   | -2.3                    |
| 14,789.0     | 88.02      | 0.82                 | 10,537.4      | 3,637.5       | 142.5         | 1.75                | -1.66                | 0.55                | 1.5                    | -3.9                    |
| 14,883.0     | 89.52      | 0.65                 | 10,539.4      | 3,731.5       | 143.7         | 1.61                | 1.60                 | -0.18               | 3.1                    | -5.8                    |



## Final PVA

|                  |                             |                                     |                                      |
|------------------|-----------------------------|-------------------------------------|--------------------------------------|
| <b>Company:</b>  | Midland                     | <b>Local Co-ordinate Reference:</b> | Well #502H                           |
| <b>Project:</b>  | Lea County, NM (NAD 83 NME) | <b>TVD Reference:</b>               | KB = 32' @ 3517.0usft (Nabors M1206) |
| <b>Site:</b>     | Resolute 12 Fed Com         | <b>MD Reference:</b>                | KB = 32' @ 3517.0usft (Nabors M1206) |
| <b>Well:</b>     | #502H                       | <b>North Reference:</b>             | Grid                                 |
| <b>Wellbore:</b> | OH                          | <b>Survey Calculation Method:</b>   | Minimum Curvature                    |
| <b>Design:</b>   | OH                          | <b>Database:</b>                    | PEDM                                 |

| Survey       |            |                      |               |               |               |                     |                      |                     |                        |                         |  |
|--------------|------------|----------------------|---------------|---------------|---------------|---------------------|----------------------|---------------------|------------------------|-------------------------|--|
| MD<br>(usft) | Inc<br>(°) | Azi (azimuth)<br>(°) | TVD<br>(usft) | N/S<br>(usft) | E/W<br>(usft) | DLeg<br>(°/100usft) | Build<br>(°/100usft) | Turn<br>(°/100usft) | High to Plan<br>(usft) | Right to Plan<br>(usft) |  |
| 14,978.0     | 91.45      | 0.12                 | 10,538.6      | 3,826.4       | 144.4         | 2.11                | 2.03                 | -0.56               | 1.9                    | -7.1                    |  |
| 15,072.0     | 90.92      | 359.86               | 10,536.7      | 3,920.4       | 144.4         | 0.63                | -0.56                | -0.28               | -0.4                   | -7.7                    |  |
| 15,166.0     | 87.67      | 359.59               | 10,537.8      | 4,014.4       | 143.9         | 3.47                | -3.46                | -0.29               | 0.3                    | -7.9                    |  |
| 15,261.0     | 88.37      | 359.42               | 10,541.1      | 4,109.3       | 143.1         | 0.76                | 0.74                 | -0.18               | 2.7                    | -7.7                    |  |
| 15,356.0     | 89.87      | 358.72               | 10,542.6      | 4,204.3       | 141.5         | 1.74                | 1.58                 | -0.74               | 3.1                    | -6.9                    |  |
| 15,451.0     | 87.93      | 358.28               | 10,544.4      | 4,299.3       | 139.1         | 2.09                | -2.04                | -0.46               | 4.0                    | -5.0                    |  |
| 15,545.0     | 88.90      | 358.19               | 10,547.0      | 4,393.2       | 136.2         | 1.04                | 1.03                 | -0.10               | 5.6                    | -2.8                    |  |
| 15,640.0     | 89.08      | 358.36               | 10,548.7      | 4,488.1       | 133.3         | 0.26                | 0.19                 | 0.18                | 6.3                    | -0.6                    |  |
| 15,734.0     | 88.29      | 359.33               | 10,550.8      | 4,582.1       | 131.4         | 1.33                | -0.84                | 1.03                | 7.5                    | 0.7                     |  |
| 15,829.0     | 90.13      | 359.24               | 10,552.1      | 4,677.1       | 130.2         | 1.94                | 1.94                 | -0.09               | 7.9                    | 1.2                     |  |
| 15,924.0     | 88.55      | 359.86               | 10,553.2      | 4,772.0       | 129.5         | 1.79                | -1.66                | 0.65                | 8.0                    | 1.3                     |  |
| 16,017.0     | 89.96      | 359.68               | 10,554.4      | 4,865.0       | 129.1         | 1.53                | 1.52                 | -0.19               | 8.3                    | 1.0                     |  |
| 16,112.0     | 88.55      | 359.59               | 10,555.7      | 4,960.0       | 128.5         | 1.49                | -1.48                | -0.09               | 8.5                    | 0.9                     |  |
| 16,206.0     | 90.22      | 359.42               | 10,556.7      | 5,054.0       | 127.7         | 1.79                | 1.78                 | -0.18               | 8.6                    | 1.1                     |  |
| 16,301.0     | 88.64      | 358.89               | 10,557.6      | 5,149.0       | 126.3         | 1.75                | -1.66                | -0.56               | 8.6                    | 1.9                     |  |
| 16,395.0     | 89.69      | 358.54               | 10,559.0      | 5,243.0       | 124.2         | 1.18                | 1.12                 | -0.37               | 9.0                    | 3.3                     |  |
| 16,489.0     | 91.80      | 358.45               | 10,557.8      | 5,336.9       | 121.7         | 2.25                | 2.24                 | -0.10               | 6.8                    | 5.1                     |  |
| 16,584.0     | 91.36      | 358.28               | 10,555.2      | 5,431.8       | 119.0         | 0.50                | -0.46                | -0.18               | 3.2                    | 7.2                     |  |
| 16,678.0     | 89.43      | 358.01               | 10,554.5      | 5,525.8       | 116.0         | 2.07                | -2.05                | -0.29               | 1.6                    | 9.6                     |  |
| 16,773.0     | 88.11      | 358.54               | 10,556.5      | 5,620.7       | 113.1         | 1.50                | -1.39                | 0.56                | 2.7                    | 11.8                    |  |
| 16,867.0     | 89.16      | 358.98               | 10,558.8      | 5,714.7       | 111.1         | 1.21                | 1.12                 | 0.47                | 3.9                    | 13.2                    |  |
| 16,961.0     | 89.34      | 359.77               | 10,560.0      | 5,808.6       | 110.0         | 0.86                | 0.19                 | 0.84                | 4.2                    | 13.5                    |  |
| 17,055.0     | 90.22      | 359.86               | 10,560.4      | 5,902.6       | 109.7         | 0.94                | 0.94                 | 0.10                | 3.6                    | 13.2                    |  |
| 17,150.0     | 89.60      | 0.03                 | 10,560.5      | 5,997.6       | 109.6         | 0.68                | -0.65                | 0.18                | 2.8                    | 12.6                    |  |
| 17,244.0     | 91.01      | 359.86               | 10,560.0      | 6,091.6       | 109.6         | 1.51                | 1.50                 | -0.18               | 1.3                    | 12.1                    |  |
| 17,338.0     | 89.34      | 0.21                 | 10,559.7      | 6,185.6       | 109.6         | 1.82                | -1.78                | 0.37                | 0.1                    | 11.3                    |  |
| 17,432.0     | 90.04      | 359.77               | 10,560.3      | 6,279.6       | 109.6         | 0.88                | 0.74                 | -0.47               | -0.4                   | 10.7                    |  |



## Final PVA

|                  |                             |                                     |                                      |
|------------------|-----------------------------|-------------------------------------|--------------------------------------|
| <b>Company:</b>  | Midland                     | <b>Local Co-ordinate Reference:</b> | Well #502H                           |
| <b>Project:</b>  | Lea County, NM (NAD 83 NME) | <b>TVD Reference:</b>               | KB = 32' @ 3517.0usft (Nabors M1206) |
| <b>Site:</b>     | Resolute 12 Fed Com         | <b>MD Reference:</b>                | KB = 32' @ 3517.0usft (Nabors M1206) |
| <b>Well:</b>     | #502H                       | <b>North Reference:</b>             | Grid                                 |
| <b>Wellbore:</b> | OH                          | <b>Survey Calculation Method:</b>   | Minimum Curvature                    |
| <b>Design:</b>   | OH                          | <b>Database:</b>                    | PEDM                                 |

| Survey       |            |                      |               |               |               |                     |                      |                     |                        |                         |
|--------------|------------|----------------------|---------------|---------------|---------------|---------------------|----------------------|---------------------|------------------------|-------------------------|
| MD<br>(usft) | Inc<br>(°) | Azi (azimuth)<br>(°) | TVD<br>(usft) | N/S<br>(usft) | E/W<br>(usft) | DLeg<br>(°/100usft) | Build<br>(°/100usft) | Turn<br>(°/100usft) | High to Plan<br>(usft) | Right to Plan<br>(usft) |
| 17,527.0     | 88.90      | 0.03                 | 10,561.1      | 6,374.6       | 109.4         | 1.23                | -1.20                | 0.27                | -0.4                   | 10.2                    |
| 17,620.0     | 90.04      | 359.95               | 10,562.0      | 6,467.6       | 109.4         | 1.23                | 1.23                 | -0.09               | -0.5                   | 9.6                     |
| 17,715.0     | 89.34      | 0.12                 | 10,562.5      | 6,562.6       | 109.5         | 0.76                | -0.74                | 0.18                | -1.0                   | 8.9                     |
| 17,809.0     | 89.96      | 359.59               | 10,563.1      | 6,656.6       | 109.2         | 0.87                | 0.66                 | -0.56               | -1.4                   | 8.5                     |
| 17,904.0     | 89.78      | 358.10               | 10,563.3      | 6,751.6       | 107.3         | 1.58                | -0.19                | -1.57               | -2.1                   | 9.7                     |
| 17,998.0     | 89.78      | 358.54               | 10,563.7      | 6,845.6       | 104.6         | 0.47                | 0.00                 | 0.47                | -2.7                   | 11.8                    |
| 18,092.0     | 88.99      | 0.03                 | 10,564.7      | 6,939.5       | 103.4         | 1.79                | -0.84                | 1.59                | -2.6                   | 12.3                    |
| 18,186.0     | 89.25      | 0.03                 | 10,566.1      | 7,033.5       | 103.4         | 0.28                | 0.28                 | 0.00                | -1.9                   | 11.6                    |
| 18,279.0     | 90.66      | 359.59               | 10,566.2      | 7,126.5       | 103.1         | 1.59                | 1.52                 | -0.47               | -2.5                   | 11.3                    |
| 18,374.0     | 89.69      | 0.03                 | 10,565.9      | 7,221.5       | 102.8         | 1.12                | -1.02                | 0.46                | -3.5                   | 11.0                    |
| 18,469.0     | 90.13      | 359.77               | 10,566.0      | 7,316.5       | 102.7         | 0.54                | 0.46                 | -0.27               | -4.1                   | 10.5                    |
| 18,563.0     | 88.55      | 359.77               | 10,567.1      | 7,410.5       | 102.3         | 1.68                | -1.68                | 0.00                | -3.7                   | 10.2                    |
| 18,657.0     | 89.08      | 359.59               | 10,569.1      | 7,504.5       | 101.8         | 0.60                | 0.56                 | -0.19               | -2.4                   | 10.1                    |
| 18,752.0     | 89.78      | 358.71               | 10,570.0      | 7,599.5       | 100.3         | 1.18                | 0.74                 | -0.93               | -2.2                   | 10.8                    |
| 18,846.0     | 89.69      | 358.98               | 10,570.4      | 7,693.4       | 98.4          | 0.30                | -0.10                | 0.29                | -2.4                   | 12.1                    |
| 18,940.0     | 90.75      | 358.89               | 10,570.1      | 7,787.4       | 96.7          | 1.13                | 1.13                 | -0.10               | -3.5                   | 13.2                    |
| 19,034.0     | 88.81      | 359.24               | 10,570.4      | 7,881.4       | 95.2          | 2.10                | -2.06                | 0.37                | -3.8                   | 14.0                    |
| 19,128.0     | 90.04      | 359.33               | 10,571.4      | 7,975.4       | 94.0          | 1.31                | 1.31                 | 0.10                | -3.6                   | 14.6                    |
| 19,222.0     | 90.04      | 358.28               | 10,571.3      | 8,069.4       | 92.0          | 1.12                | 0.00                 | -1.12               | -4.4                   | 15.9                    |
| 19,316.0     | 90.75      | 357.31               | 10,570.7      | 8,163.3       | 88.4          | 1.28                | 0.76                 | -1.03               | -5.7                   | 18.8                    |
| 19,411.0     | 89.78      | 358.72               | 10,570.2      | 8,258.2       | 85.1          | 1.80                | -1.02                | 1.48                | -6.9                   | 21.5                    |
| 19,506.0     | 89.08      | 0.21                 | 10,571.2      | 8,353.2       | 84.2          | 1.73                | -0.74                | 1.57                | -6.3                   | 21.7                    |
| 19,600.0     | 90.04      | 359.95               | 10,571.9      | 8,447.2       | 84.4          | 1.06                | 1.02                 | -0.28               | -5.9                   | 20.9                    |
| 19,694.0     | 88.72      | 359.77               | 10,572.9      | 8,541.2       | 84.1          | 1.42                | -1.40                | -0.19               | -5.1                   | 20.5                    |
| 19,788.0     | 89.08      | 358.80               | 10,574.7      | 8,635.2       | 83.0          | 1.10                | 0.38                 | -1.03               | -3.6                   | 21.0                    |
| 19,883.0     | 89.34      | 357.75               | 10,576.0      | 8,730.1       | 80.1          | 1.14                | 0.27                 | -1.11               | -2.5                   | 23.2                    |
| 19,977.0     | 89.16      | 358.89               | 10,577.3      | 8,824.1       | 77.4          | 1.23                | -0.19                | 1.21                | -1.5                   | 25.3                    |





## Final PVA

|                  |                             |                                     |                                      |
|------------------|-----------------------------|-------------------------------------|--------------------------------------|
| <b>Company:</b>  | Midland                     | <b>Local Co-ordinate Reference:</b> | Well #502H                           |
| <b>Project:</b>  | Lea County, NM (NAD 83 NME) | <b>TVD Reference:</b>               | KB = 32' @ 3517.0usft (Nabors M1206) |
| <b>Site:</b>     | Resolute 12 Fed Com         | <b>MD Reference:</b>                | KB = 32' @ 3517.0usft (Nabors M1206) |
| <b>Well:</b>     | #502H                       | <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) |  |
| 20,071.0                                     | 89.60      | 1.18                 | 10,578.3      | 8,918.1       | 77.4          | 2.48                | 0.47                 | 2.44                | -0.8                   | 24.6                    |  |
| 20,165.0                                     | 90.31      | 0.30                 | 10,578.4      | 9,012.1       | 78.6          | 1.20                | 0.76                 | -0.94               | -1.0                   | 22.7                    |  |
| 20,260.0                                     | 91.19      | 359.68               | 10,577.1      | 9,107.1       | 78.6          | 1.13                | 0.93                 | -0.65               | -2.5                   | 22.1                    |  |
| 20,354.0                                     | 90.13      | 358.10               | 10,576.0      | 9,201.0       | 76.8          | 2.02                | -1.13                | -1.68               | -3.8                   | 23.3                    |  |
| 20,448.0                                     | 91.01      | 0.30                 | 10,575.1      | 9,295.0       | 75.5          | 2.52                | 0.94                 | 2.34                | -5.0                   | 23.9                    |  |
| 20,542.0                                     | 92.15      | 0.47                 | 10,572.5      | 9,389.0       | 76.1          | 1.23                | 1.21                 | 0.18                | -7.9                   | 22.6                    |  |
| 20,636.0                                     | 92.86      | 1.18                 | 10,568.4      | 9,482.9       | 77.5          | 1.07                | 0.76                 | 0.76                | -12.2                  | 20.6                    |  |
| 20,724.0                                     | 93.03      | 358.19               | 10,563.9      | 9,570.7       | 77.0          | 3.40                | 0.19                 | -3.40               | -16.9                  | 20.5                    |  |
| <b>Final MWD Survey (MD=20724.0')</b>        |            |                      |               |               |               |                     |                      |                     |                        |                         |  |
| 20,781.0                                     | 93.03      | 358.19               | 10,560.9      | 9,627.6       | 75.2          | 0.00                | 0.00                 | 0.00                | -20.1                  | 22.0                    |  |
| <b>Final Projection to Bit (MD=20781.0')</b> |            |                      |               |               |               |                     |                      |                     |                        |                         |  |

| Design Annotations          |                             |                   |                 |                                                                            |  |
|-----------------------------|-----------------------------|-------------------|-----------------|----------------------------------------------------------------------------|--|
| Measured<br>Depth<br>(usft) | Vertical<br>Depth<br>(usft) | Local Coordinates |                 |                                                                            |  |
|                             |                             | +N/-S<br>(usft)   | +E/-W<br>(usft) | Comment                                                                    |  |
| 9,975.0                     | 9,918.1                     | -803.5            | 167.4           | KOP (MD=9975.0')                                                           |  |
| 10,297.6                    | 10,229.4                    | -734.0            | 155.8           | HL Crossing, MD:10297.6', TVD:10229.4', N/S:-734.0', E/W:155.8', INC:24.39 |  |
| 20,724.0                    | 10,563.9                    | 9,570.7           | 77.0            | Final MWD Survey (MD=20724.0')                                             |  |
| 20,781.0                    | 10,560.9                    | 9,627.6           | 75.2            | Final Projection to Bit (MD=20781.0')                                      |  |

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

I CERTIFY THIS SURVEY TO BE TRUE AND CORRECT TO THE BEST OF MY BELIEF AND KNOWLEDGE  
05/11/2022

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                                                                                       |                 |               |
|                                                                                                                                                                                                                                                                                                                                                                                       |                       |                                                                                                                                                                                       |                              |           |                                             |                                                 |                                       | <b>RESOLUTE 12 FEDERAL COM</b><br><br>6. Well Number:<br><br><div style="text-align: center; font-size: 1.2em;">502H</div> |                 |               |
| 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                                                                                                                                                                                                                                                                                                                                                                   |                       |                                                                                                                                                                                       |                              |           |                                             |                                                 | 9. OGRID                              |                                                                                                                            |                 |               |
| EOG RESOURCES INC                                                                                                                                                                                                                                                                                                                                                                     |                       |                                                                                                                                                                                       |                              |           |                                             |                                                 | 7377                                  |                                                                                                                            |                 |               |
| 10. Address of Operator                                                                                                                                                                                                                                                                                                                                                               |                       |                                                                                                                                                                                       |                              |           |                                             |                                                 | 11. Pool name or Wildcat              |                                                                                                                            |                 |               |
| PO BOX 2267 MIDLAND, TEXAS 79702                                                                                                                                                                                                                                                                                                                                                      |                       |                                                                                                                                                                                       |                              |           |                                             |                                                 | WC025 G08 S253235G; LOWER BONE SPRING |                                                                                                                            |                 |               |
| 12. Location                                                                                                                                                                                                                                                                                                                                                                          | Unit Ltr              | Section                                                                                                                                                                               | Township                     | Range     | Lot                                         | Feet from the                                   | N/S Line                              | Feet from the                                                                                                              | E/W Line        | County        |
| <b>Surface:</b>                                                                                                                                                                                                                                                                                                                                                                       | M                     | 12                                                                                                                                                                                    | 25S                          | 32E       |                                             | 836                                             | SOUTH                                 | 586                                                                                                                        | WEST            | LEA           |
| <b>BH:</b>                                                                                                                                                                                                                                                                                                                                                                            | D                     | 1                                                                                                                                                                                     | 25S                          | 32E       |                                             | 108                                             | NORTH                                 | 728                                                                                                                        | WEST            | LEA           |
| 13. Date Spudded                                                                                                                                                                                                                                                                                                                                                                      | 14. Date T.D. Reached |                                                                                                                                                                                       | 15. Date Rig Released        |           |                                             | 16. Date Completed (Ready to Produce)           |                                       | 17. Elevations (DF and RKB, RT, GR, etc.)                                                                                  |                 |               |
| 12/26/2021                                                                                                                                                                                                                                                                                                                                                                            | 02/27/2022            |                                                                                                                                                                                       | 03/02/2022                   |           |                                             | 04/24/2022                                      |                                       | 3488' GL                                                                                                                   |                 |               |
| 18. Total Measured Depth of Well                                                                                                                                                                                                                                                                                                                                                      |                       |                                                                                                                                                                                       | 19. Plug Back Measured Depth |           |                                             | 20. Was Directional Survey Made?                |                                       | 21. Type Electric and Other Logs Run                                                                                       |                 |               |
| MD 20,781'    TVD 10,560'                                                                                                                                                                                                                                                                                                                                                             |                       |                                                                                                                                                                                       | MD 20,717'    TVD 10,560'    |           |                                             | YES                                             |                                       | None                                                                                                                       |                 |               |
| 22. Producing Interval(s), of this completion - Top, Bottom, Name                                                                                                                                                                                                                                                                                                                     |                       |                                                                                                                                                                                       |                              |           |                                             |                                                 |                                       |                                                                                                                            |                 |               |
| BONE SPRING 10,600 - 20,717'                                                                                                                                                                                                                                                                                                                                                          |                       |                                                                                                                                                                                       |                              |           |                                             |                                                 |                                       |                                                                                                                            |                 |               |
| <b>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                                                                                                                                                                            |                              | 1093'     |                                             | 17 1/2"                                         |                                       | 1460 CL C/CIRC                                                                                                             |                 |               |
| 9 5/8"                                                                                                                                                                                                                                                                                                                                                                                |                       | 40# HCP 110                                                                                                                                                                           |                              | 4781'     |                                             | 12 1/4"                                         |                                       | 2030 CL C/CIRC                                                                                                             |                 |               |
| 5 1/2"                                                                                                                                                                                                                                                                                                                                                                                |                       | 20# ECP 110                                                                                                                                                                           |                              | 20,763'   |                                             | 8 1/2"                                          |                                       | 3305 CL H TOC 3990' CBL                                                                                                    |                 |               |
|                                                                                                                                                                                                                                                                                                                                                                                       |                       |                                                                                                                                                                                       |                              |           |                                             |                                                 |                                       |                                                                                                                            |                 |               |
|                                                                                                                                                                                                                                                                                                                                                                                       |                       |                                                                                                                                                                                       |                              |           |                                             |                                                 |                                       |                                                                                                                            |                 |               |
| 24. LINER RECORD                                                                                                                                                                                                                                                                                                                                                                      |                       |                                                                                                                                                                                       |                              |           |                                             | 25. TUBING RECORD                               |                                       |                                                                                                                            |                 |               |
| SIZE                                                                                                                                                                                                                                                                                                                                                                                  | TOP                   | BOTTOM                                                                                                                                                                                | SACKS CEMENT                 | SCREEN    | SIZE                                        | DEPTH SET                                       | PACKER SET                            |                                                                                                                            |                 |               |
|                                                                                                                                                                                                                                                                                                                                                                                       |                       |                                                                                                                                                                                       |                              |           |                                             |                                                 |                                       |                                                                                                                            |                 |               |
|                                                                                                                                                                                                                                                                                                                                                                                       |                       |                                                                                                                                                                                       |                              |           |                                             |                                                 |                                       |                                                                                                                            |                 |               |
| 26. Perforation record (interval, size, and number)                                                                                                                                                                                                                                                                                                                                   |                       |                                                                                                                                                                                       |                              |           |                                             | 27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. |                                       |                                                                                                                            |                 |               |
| 10,600 - 20,717'    3 1/8", 2100 holes                                                                                                                                                                                                                                                                                                                                                |                       |                                                                                                                                                                                       |                              |           |                                             | DEPTH INTERVAL                                  |                                       | AMOUNT AND KIND MATERIAL USED                                                                                              |                 |               |
|                                                                                                                                                                                                                                                                                                                                                                                       |                       |                                                                                                                                                                                       |                              |           |                                             | 10,600 - 20,717'                                |                                       | FRAC W/25,067,548 lbs proppant, 364,280 bbls load fld                                                                      |                 |               |
|                                                                                                                                                                                                                                                                                                                                                                                       |                       |                                                                                                                                                                                       |                              |           |                                             |                                                 |                                       |                                                                                                                            |                 |               |
|                                                                                                                                                                                                                                                                                                                                                                                       |                       |                                                                                                                                                                                       |                              |           |                                             |                                                 |                                       |                                                                                                                            |                 |               |
| <b>PRODUCTION</b>                                                                                                                                                                                                                                                                                                                                                                     |                       |                                                                                                                                                                                       |                              |           |                                             |                                                 |                                       |                                                                                                                            |                 |               |
| Date First Production                                                                                                                                                                                                                                                                                                                                                                 |                       | Production Method (Flowing, gas lift, pumping - Size and type pump)                                                                                                                   |                              |           |                                             | Well Status (Prod. or Shut-in)                  |                                       |                                                                                                                            |                 |               |
| 04/24/2022                                                                                                                                                                                                                                                                                                                                                                            |                       | Flowing                                                                                                                                                                               |                              |           |                                             | Producing                                       |                                       |                                                                                                                            |                 |               |
| Date of Test                                                                                                                                                                                                                                                                                                                                                                          | Hours Tested          | Choke Size                                                                                                                                                                            | Prod'n For Test Period       | Oil - Bbl | Gas - MCF                                   | Water - Bbl.                                    | Gas - Oil Ratio                       |                                                                                                                            |                 |               |
| 05/13/2022                                                                                                                                                                                                                                                                                                                                                                            | 24                    | 128                                                                                                                                                                                   |                              | 1750      | 2651                                        | 7122                                            | 1515                                  |                                                                                                                            |                 |               |
| Flow Tubing Press.                                                                                                                                                                                                                                                                                                                                                                    | Casing Pressure       | Calculated 24-Hour Rate                                                                                                                                                               | Oil - Bbl.                   | Gas - MCF | Water - Bbl.                                | Oil Gravity - API - (Corr.)                     |                                       |                                                                                                                            |                 |               |
|                                                                                                                                                                                                                                                                                                                                                                                       | 610                   |                                                                                                                                                                                       |                              |           |                                             | 47                                              |                                       |                                                                                                                            |                 |               |
| 29. Disposition of Gas (Sold, used for fuel, vented, etc.)                                                                                                                                                                                                                                                                                                                            |                       |                                                                                                                                                                                       |                              |           |                                             |                                                 | 30. Test Witnessed By                 |                                                                                                                            |                 |               |
| SOLD                                                                                                                                                                                                                                                                                                                                                                                  |                       |                                                                                                                                                                                       |                              |           |                                             |                                                 |                                       |                                                                                                                            |                 |               |
| 31. List Attachments                                                                                                                                                                                                                                                                                                                                                                  |                       |                                                                                                                                                                                       |                              |           |                                             |                                                 |                                       |                                                                                                                            |                 |               |
| C-102, C-104, Directional Survey, H spacing                                                                                                                                                                                                                                                                                                                                           |                       |                                                                                                                                                                                       |                              |           |                                             |                                                 |                                       |                                                                                                                            |                 |               |
| 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                                                                                                                                                                                                                                                    |                       |                                                                                                                                                                                       |                              |           |                                             |                                                 |                                       |                                                                                                                            |                 |               |
| Signature Kay Maddox                                                                                                                                                                                                                                                                                                                                                                  |                       |                                                                                                                                                                                       | Name Kay Maddox              |           |                                             | Title Senior Regulatory Specialist              |                                       |                                                                                                                            | Date 05/19/2022 |               |
| E-mail Address kay_maddox@eogresources.com                                                                                                                                                                                                                                                                                                                                            |                       |                                                                                                                                                                                       |                              |           |                                             |                                                 |                                       |                                                                                                                            |                 |               |

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 908'    | T. Canyon Brushy 7205' | T. Ojo Alamo            | T. Penn A"       |
| T. Salt 1250'           | T. Strawn              | T. Kirtland             | T. Penn. "B"     |
| B. Salt 4618'           | 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 9962'   | T. Entrada              |                  |
| T. Wolfcamp             | T. 2nd BS Sand 10,437' | 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 108981

**ACKNOWLEDGMENTS**

|                                                                             |                                                    |
|-----------------------------------------------------------------------------|----------------------------------------------------|
| Operator:<br>EOG RESOURCES INC<br>5509 Champions Drive<br>Midland, TX 79706 | OGRID:<br>7377                                     |
|                                                                             | Action Number:<br>108981                           |
|                                                                             | Action Type:<br>[C-104] Completion Packet (C-104C) |

**ACKNOWLEDGMENTS**

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

Sante Fe Main Office  
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

CONDITIONS

Action 108981

CONDITIONS

|                                                                             |                                                    |
|-----------------------------------------------------------------------------|----------------------------------------------------|
| Operator:<br>EOG RESOURCES INC<br>5509 Champions Drive<br>Midland, TX 79706 | OGRID:<br>7377                                     |
|                                                                             | Action Number:<br>108981                           |
|                                                                             | Action Type:<br>[C-104] Completion Packet (C-104C) |

CONDITIONS

| Created By     | Condition | Condition Date |
|----------------|-----------|----------------|
| crystal.walker | None      | 8/7/2025       |