

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

State of New Mexico  
Energy, Minerals & Natural  
Resources

Form C-104  
Revised August 1, 2011

Submit one copy to appropriate District Office

Oil Conservation Division  
1220 South St. Francis Dr.

☐ AMENDED REPORT

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 06/23/2021 |                                  |
| <sup>4</sup> API Number<br>30 - 025-46967                                                          | <sup>5</sup> Pool Name<br>BOBCAT DRAW; UPPER WOLFCAMP |                                                                      | <sup>6</sup> Pool Code<br>98094  |
| <sup>7</sup> Property Code<br>39180                                                                | <sup>8</sup> Property Name<br>VACA 24 FEDERAL COM     |                                                                      | <sup>9</sup> Well Number<br>708H |

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

|                    |               |                 |              |         |                      |                           |                       |                        |               |
|--------------------|---------------|-----------------|--------------|---------|----------------------|---------------------------|-----------------------|------------------------|---------------|
| Ul or lot no.<br>P | Section<br>24 | Township<br>25S | Range<br>33E | Lot Idn | Feet from the<br>556 | North/South Line<br>SOUTH | Feet from the<br>1271 | East/West line<br>EAST | County<br>LEA |
|--------------------|---------------|-----------------|--------------|---------|----------------------|---------------------------|-----------------------|------------------------|---------------|

<sup>11</sup> Bottom Hole Location

|                        |                                                |                                   |                                   |         |                                    |                           |                                     |                        |               |
|------------------------|------------------------------------------------|-----------------------------------|-----------------------------------|---------|------------------------------------|---------------------------|-------------------------------------|------------------------|---------------|
| UL or lot no.<br>A     | Section<br>13                                  | Township<br>25S                   | Range<br>33E                      | Lot Idn | Feet from the<br>110               | North/South line<br>NORTH | Feet from the<br>979                | East/West line<br>EAST | County<br>LEA |
| <sup>12</sup> Lse Code | <sup>13</sup> Producing Method Code<br>FLOWING | <sup>14</sup> Gas Connection Date | <sup>15</sup> C-129 Permit Number |         | <sup>16</sup> C-129 Effective Date |                           | <sup>17</sup> C-129 Expiration Date |                        |               |

III. Oil and Gas Transporters

|                                 |                                            |                     |
|---------------------------------|--------------------------------------------|---------------------|
| <sup>18</sup> Transporter OGRID | <sup>19</sup> Transporter Name and Address | <sup>20</sup> O/G/W |
| 372812                          | EOGRM                                      | OIL                 |
|                                 |                                            |                     |
| 151618                          | ENTERPRISE FIELD SERVICES                  | GAS                 |
|                                 |                                            |                     |
| 298751                          | REGENCY FIELD SERVICES                     | GAS                 |
|                                 |                                            |                     |
| 36785                           | DCP MIDSTREAM                              | GAS                 |
|                                 |                                            |                     |

IV. Well Completion Data

|                                       |                                        |                                    |                              |                                                |                       |
|---------------------------------------|----------------------------------------|------------------------------------|------------------------------|------------------------------------------------|-----------------------|
| <sup>21</sup> Spud Date<br>01/02/2021 | <sup>22</sup> Ready Date<br>06/23/2021 | <sup>23</sup> TD<br>22,821'        | <sup>24</sup> PBTd<br>22,793 | <sup>25</sup> Perforations<br>12,673 - 22,793' | <sup>26</sup> DHC, MC |
| <sup>27</sup> Hole Size               |                                        | <sup>28</sup> Casing & Tubing Size |                              | <sup>29</sup> Depth Set                        |                       |
| 12 1/4"                               |                                        | 9 5/8"                             |                              | 1170'                                          |                       |
| 8 3/4"                                |                                        | 7 5/8"                             |                              | 11,863'                                        |                       |
| 6 3/4"                                |                                        | 5 1/2"                             |                              | 22,803'                                        |                       |
|                                       |                                        |                                    |                              |                                                |                       |

V. Well Test Data

|                                                                                                                                                                                                                                      |                                               |                                       |                                     |                             |                                     |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------|---------------------------------------|-------------------------------------|-----------------------------|-------------------------------------|
| <sup>31</sup> Date New Oil<br>06/23/2021                                                                                                                                                                                             | <sup>32</sup> Gas Delivery Date<br>06/23/2021 | <sup>33</sup> Test Date<br>06/28/2021 | <sup>34</sup> Test Length<br>24 HRS | <sup>35</sup> Tbg. Pressure | <sup>36</sup> Csg. Pressure<br>3218 |
| <sup>37</sup> Choke Size<br>34                                                                                                                                                                                                       | <sup>38</sup> Oil<br>3039                     | <sup>39</sup> Water<br>5684           | <sup>40</sup> Gas<br>5208           |                             | <sup>41</sup> Test Method           |
| <sup>42</sup> I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.<br>Signature:<br>Kay Maddox |                                               |                                       | OIL CONSERVATION DIVISION           |                             |                                     |
| Printed name:<br>Kay Maddox                                                                                                                                                                                                          |                                               |                                       | Approved by: KURT SIMMONS           |                             |                                     |
| Title:<br>SENIOR REGULATORY SPECIALIST                                                                                                                                                                                               |                                               |                                       | Title:<br>NMOCD, SANTA FE           |                             |                                     |
| E-mail Address:<br>kay_maddox@eogresources.com                                                                                                                                                                                       |                                               |                                       | Approval Date:<br>08/20/2021        |                             |                                     |
| Date:<br>06/30/2021                                                                                                                                                                                                                  |                                               | 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- 46967</b> |                                                          | <sup>2</sup> Pool Code<br><b>98094</b> | <sup>3</sup> Pool Name<br><b>BOBCAT DRAW; UPPER WOLFCAMP</b> |
| <sup>4</sup> Property Code<br><b>39180</b>      | <sup>5</sup> Property Name<br><b>VACA 24 FED COM</b>     |                                        | <sup>6</sup> Well Number<br><b>708H</b>                      |
| <sup>7</sup> GRID No.<br><b>7377</b>            | <sup>8</sup> Operator Name<br><b>EOG RESOURCES, INC.</b> |                                        | <sup>9</sup> Elevation<br><b>3331'</b>                       |

<sup>10</sup>Surface Location

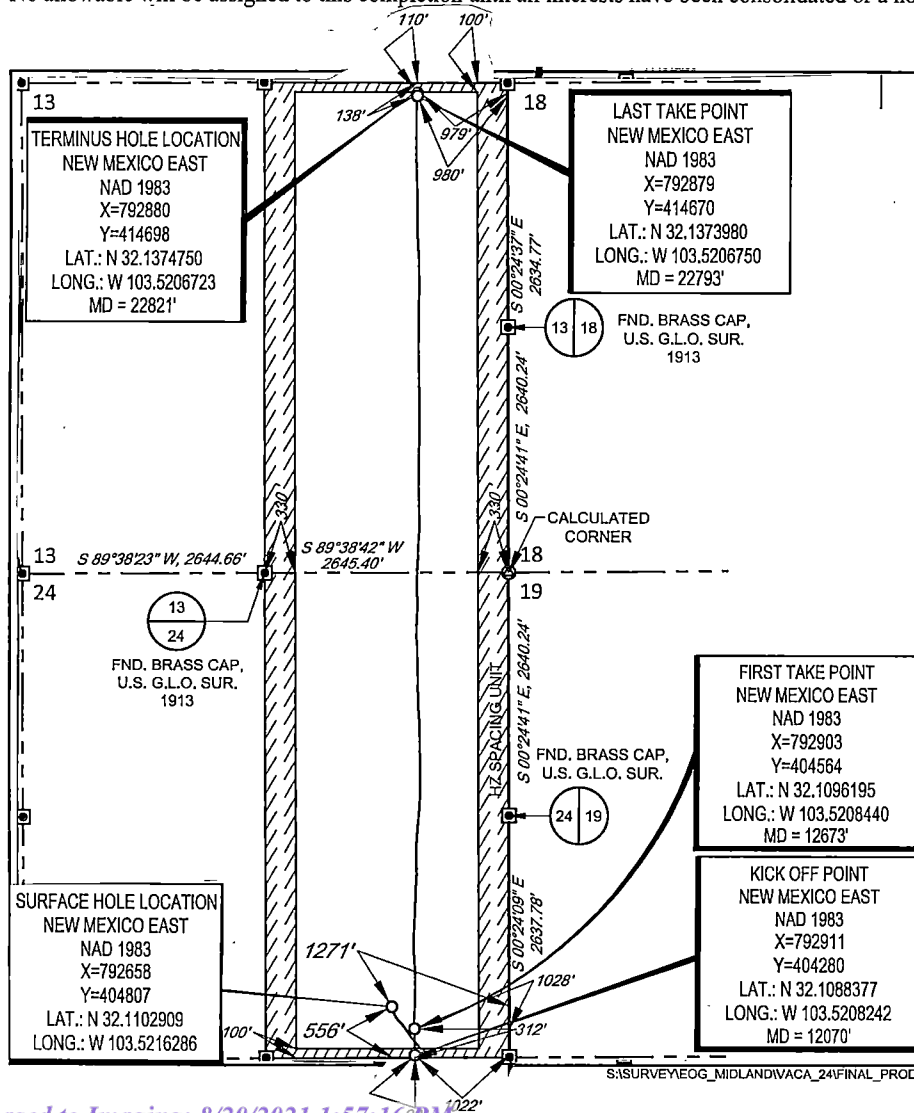
| UL or lot no. | Section   | Township    | Range       | Lot Idn  | Feet from the | North/South line | Feet from the | East/West line | County     |
|---------------|-----------|-------------|-------------|----------|---------------|------------------|---------------|----------------|------------|
| <b>P</b>      | <b>24</b> | <b>25-S</b> | <b>33-E</b> | <b>-</b> | <b>556'</b>   | <b>SOUTH</b>     | <b>1271'</b>  | <b>EAST</b>    | <b>LEA</b> |

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

| UL or lot no. | Section   | Township    | Range       | Lot Idn  | Feet from the | North/South line | Feet from the | East/West line | County     |
|---------------|-----------|-------------|-------------|----------|---------------|------------------|---------------|----------------|------------|
| <b>A</b>      | <b>13</b> | <b>25-S</b> | <b>33-E</b> | <b>-</b> | <b>110'</b>   | <b>NORTH</b>     | <b>979'</b>   | <b>EAST</b>    | <b>LEA</b> |

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

<sup>17</sup>OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

*Kay Maddox* 06/29/2021  
Signature Date

KAY MADDUX

Printed Name

KAY\_MADDOX@EOGRESOURCES.COM

E-mail Address

<sup>18</sup>SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true to the best of my belief.

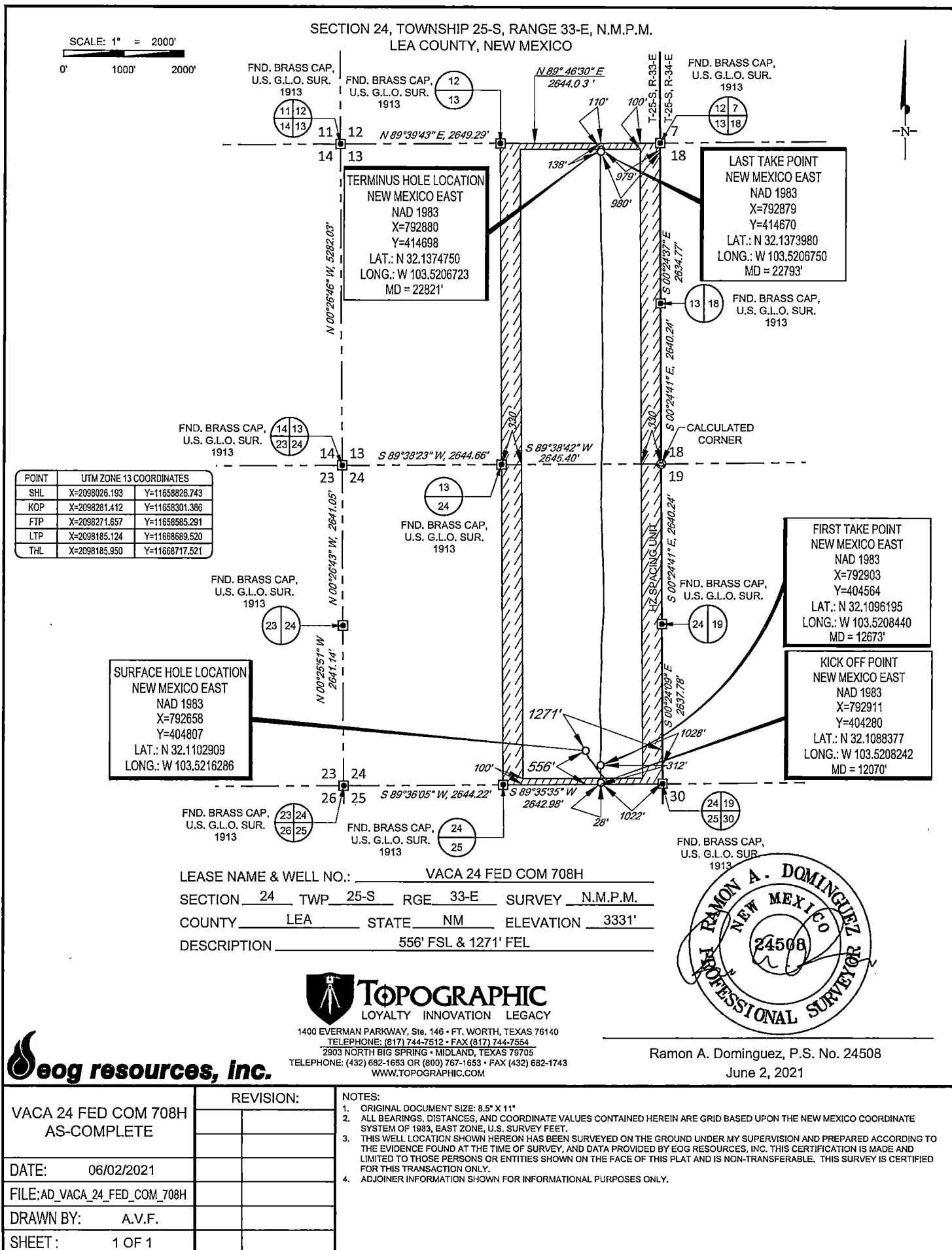
04/13/2019

Date of Survey  
Signature and Seal of Professional Surveyor

*Ramon A. Dominguez*  
24508  
PROFESSIONAL SURVEYOR

Certificate Number

S:\SURVEY\EOG\_MIDLAND\VACA\_24\FINAL\_PRODUCTS\LO\_VACA\_24\_FED\_COM\_708H\_REV1.DWG 12/15/2020 10:02:43 AM rdominguez





## **EOG Resources - Midland**

Lea County, NM (NAD 83 NME)

Vaca 24 Fed Com

#708H

OH

Design: OH

## **Midland PVA**

04 March, 2021



## EOG Resources

Midland PVA

|                  |                             |                                     |                       |
|------------------|-----------------------------|-------------------------------------|-----------------------|
| <b>Company:</b>  | EOG Resources - Midland     | <b>Local Co-ordinate Reference:</b> | Well #708H            |
| <b>Project:</b>  | Lea County, NM (NAD 83 NME) | <b>TVD Reference:</b>               | KB = 26' @ 3357.0usft |
| <b>Site:</b>     | Vaca 24 Fed Com             | <b>MD Reference:</b>                | KB = 26' @ 3357.0usft |
| <b>Well:</b>     | #708H                       | <b>North Reference:</b>             | Grid                  |
| <b>Wellbore:</b> | OH                          | <b>Survey Calculation Method:</b>   | Minimum Curvature     |
| <b>Design:</b>   | OH                          | <b>Database:</b>                    | EDM                   |

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

|                              |                 |                          |                   |
|------------------------------|-----------------|--------------------------|-------------------|
| <b>Site</b>                  | Vaca 24 Fed Com |                          |                   |
| <b>Site Position:</b>        |                 | <b>Northing:</b>         | 404,270.00 usft   |
| <b>From:</b>                 | Map             | <b>Easting:</b>          | 789,366.00 usft   |
| <b>Position Uncertainty:</b> | 0.0 usft        | <b>Slot Radius:</b>      | 13-3/16 "         |
|                              |                 | <b>Latitude:</b>         | 32° 6' 31.982 N   |
|                              |                 | <b>Longitude:</b>        | 103° 31' 56.186 W |
|                              |                 | <b>Grid Convergence:</b> | 0.43 °            |

|                      |       |          |                     |                 |               |                   |
|----------------------|-------|----------|---------------------|-----------------|---------------|-------------------|
| Well                 |       | #708H    |                     |                 |               |                   |
| Well Position        | +N/-S | 0.0 usft | Northing:           | 404,807.00 usft | Latitude:     | 32° 6' 37.052 N   |
|                      | +E/-W | 0.0 usft | Easting:            | 792,658.00 usft | Longitude:    | 103° 31' 17.866 W |
| Position Uncertainty |       | 0.0 usft | Wellhead Elevation: | usft            | Ground Level: | 3,331.0 usft      |

|                  |                   |                    |                        |                      |                            |
|------------------|-------------------|--------------------|------------------------|----------------------|----------------------------|
| <b>Wellbore</b>  | OH                |                    |                        |                      |                            |
| <b>Magnetics</b> | <b>Model Name</b> | <b>Sample Date</b> | <b>Declination (°)</b> | <b>Dip Angle (°)</b> | <b>Field Strength (nT)</b> |
|                  | IGRF2020          | 2/27/2021          | 6.55                   | 59.81                | 47,462.95298556            |

|                          |                                |                     |                     |                          |
|--------------------------|--------------------------------|---------------------|---------------------|--------------------------|
| <b>Design</b>            | OH                             |                     |                     |                          |
| <b>Audit Notes:</b>      |                                |                     |                     |                          |
| <b>Version:</b>          | 1.0                            | <b>Phase:</b>       | ACTUAL              | <b>Tie On Depth:</b> 0.0 |
| <b>Vertical Section:</b> | <b>Depth From (TVD) (usft)</b> | <b>+N/-S (usft)</b> | <b>+E/-W (usft)</b> | <b>Direction (°)</b>     |
|                          | 0.0                            | 0.0                 | 0.0                 | 1.22                     |

|                       |                  |                          |                  |                    |
|-----------------------|------------------|--------------------------|------------------|--------------------|
| <b>Survey Program</b> | <b>Date</b>      | 3/4/2021                 |                  |                    |
| <b>From (usft)</b>    | <b>To (usft)</b> | <b>Survey (Wellbore)</b> | <b>Tool Name</b> | <b>Description</b> |
| 183.0                 | 22,821.0         | Driltech MWD (OH)        | EOG MWD+IFR1     | MWD + IFR1         |



## EOG Resources

Midland PVA

|                  |                             |                                     |                       |
|------------------|-----------------------------|-------------------------------------|-----------------------|
| <b>Company:</b>  | EOG Resources - Midland     | <b>Local Co-ordinate Reference:</b> | Well #708H            |
| <b>Project:</b>  | Lea County, NM (NAD 83 NME) | <b>TVD Reference:</b>               | KB = 26' @ 3357.0usft |
| <b>Site:</b>     | Vaca 24 Fed Com             | <b>MD Reference:</b>                | KB = 26' @ 3357.0usft |
| <b>Well:</b>     | #708H                       | <b>North Reference:</b>             | Grid                  |
| <b>Wellbore:</b> | OH                          | <b>Survey Calculation Method:</b>   | Minimum Curvature     |
| <b>Design:</b>   | OH                          | <b>Database:</b>                    | EDM                   |

| 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                     |  |
| 183.0        | 0.35       | 332.42               | 183.0         | 0.5           | -0.3          | 0.19                | 0.19                 | 0.00                | -0.6                   | 0.0                     |  |
| 213.0        | 0.35       | 327.58               | 213.0         | 0.7           | -0.4          | 0.10                | 0.00                 | -16.13              | -0.7                   | -0.1                    |  |
| 303.0        | 0.35       | 313.17               | 303.0         | 1.1           | -0.7          | 0.10                | 0.00                 | -16.01              | -1.2                   | -0.3                    |  |
| 478.0        | 0.35       | 316.77               | 478.0         | 1.8           | -1.5          | 0.01                | 0.00                 | 2.06                | -2.3                   | -0.2                    |  |
| 572.0        | 0.35       | 275.46               | 572.0         | 2.1           | -1.9          | 0.26                | 0.00                 | -43.95              | -2.1                   | -1.9                    |  |
| 762.0        | 0.35       | 252.35               | 762.0         | 1.9           | -3.1          | 0.07                | 0.00                 | -12.16              | -2.3                   | -2.8                    |  |
| 858.0        | 0.44       | 245.85               | 858.0         | 1.7           | -3.7          | 0.10                | 0.09                 | -6.77               | -2.7                   | -3.1                    |  |
| 1,048.0      | 0.62       | 238.29               | 1,048.0       | 0.9           | -5.2          | 0.10                | 0.09                 | -3.98               | -4.0                   | -3.5                    |  |
| 1,110.0      | 0.53       | 256.48               | 1,110.0       | 0.6           | -5.8          | 0.33                | -0.15                | 29.34               | -5.5                   | -2.0                    |  |
| 1,243.0      | 0.09       | 197.59               | 1,243.0       | 0.4           | -6.4          | 0.37                | -0.33                | -44.28              | -1.4                   | -6.5                    |  |
| 1,338.0      | 2.37       | 164.72               | 1,337.9       | -1.6          | -5.9          | 2.42                | 2.40                 | -34.60              | 3.2                    | -6.9                    |  |
| 1,433.0      | 5.72       | 163.76               | 1,432.7       | -8.0          | -4.1          | 3.53                | 3.53                 | -1.01               | 2.6                    | -8.3                    |  |
| 1,528.0      | 6.68       | 161.73               | 1,527.1       | -17.8         | -1.0          | 1.04                | 1.01                 | -2.14               | 1.1                    | -10.0                   |  |
| 1,623.0      | 7.03       | 163.14               | 1,621.5       | -28.6         | 2.4           | 0.41                | 0.37                 | 1.48                | -2.0                   | -11.8                   |  |
| 1,717.0      | 6.95       | 163.40               | 1,714.8       | -39.6         | 5.7           | 0.09                | -0.09                | 0.28                | -5.1                   | -13.7                   |  |
| 1,812.0      | 7.39       | 153.12               | 1,809.0       | -50.5         | 10.1          | 1.43                | 0.46                 | -10.82              | -5.6                   | -15.8                   |  |
| 1,907.0      | 7.74       | 150.48               | 1,903.2       | -61.6         | 16.0          | 0.52                | 0.37                 | -2.78               | -8.6                   | -16.3                   |  |
| 2,002.0      | 7.91       | 153.30               | 1,997.3       | -73.0         | 22.1          | 0.44                | 0.18                 | 2.97                | -13.6                  | -16.0                   |  |
| 2,097.0      | 7.91       | 154.62               | 2,091.4       | -84.7         | 27.8          | 0.19                | 0.00                 | 1.39                | -18.4                  | -16.2                   |  |
| 2,192.0      | 7.30       | 144.77               | 2,185.6       | -95.5         | 34.1          | 1.51                | -0.64                | -10.37              | -19.2                  | -19.3                   |  |
| 2,287.0      | 7.12       | 141.61               | 2,279.8       | -105.1        | 41.3          | 0.46                | -0.19                | -3.33               | -21.4                  | -19.3                   |  |
| 2,382.0      | 7.12       | 144.24               | 2,374.1       | -114.5        | 48.4          | 0.34                | 0.00                 | 2.77                | -25.3                  | -17.0                   |  |
| 2,477.0      | 7.21       | 143.63               | 2,468.3       | -124.1        | 55.3          | 0.12                | 0.09                 | -0.64               | -28.3                  | -16.3                   |  |
| 2,572.0      | 7.30       | 142.57               | 2,562.6       | -133.7        | 62.5          | 0.17                | 0.09                 | -1.12               | -31.4                  | -15.7                   |  |
| 2,667.0      | 7.39       | 140.03               | 2,656.8       | -143.1        | 70.1          | 0.35                | 0.09                 | -2.67               | -34.2                  | -15.8                   |  |
| 2,762.0      | 7.56       | 140.55               | 2,751.0       | -152.6        | 78.0          | 0.19                | 0.18                 | 0.55                | -38.2                  | -13.9                   |  |



## EOG Resources

Midland PVA

|                  |                             |                                     |                       |
|------------------|-----------------------------|-------------------------------------|-----------------------|
| <b>Company:</b>  | EOG Resources - Midland     | <b>Local Co-ordinate Reference:</b> | Well #708H            |
| <b>Project:</b>  | Lea County, NM (NAD 83 NME) | <b>TVD Reference:</b>               | KB = 26' @ 3357.0usft |
| <b>Site:</b>     | Vaca 24 Fed Com             | <b>MD Reference:</b>                | KB = 26' @ 3357.0usft |
| <b>Well:</b>     | #708H                       | <b>North Reference:</b>             | Grid                  |
| <b>Wellbore:</b> | OH                          | <b>Survey Calculation Method:</b>   | Minimum Curvature     |
| <b>Design:</b>   | OH                          | <b>Database:</b>                    | EDM                   |

| 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) |
| 2,857.0      | 7.74       | 140.82               | 2,845.2       | -162.4        | 86.0          | 0.19                | 0.19                 | 0.28                | -42.3                  | -12.2                   |
| 2,952.0      | 7.83       | 139.67               | 2,939.3       | -172.3        | 94.3          | 0.19                | 0.09                 | -1.21               | -46.3                  | -11.5                   |
| 3,047.0      | 7.74       | 139.76               | 3,033.4       | -182.1        | 102.6         | 0.10                | -0.09                | 0.09                | -50.7                  | -9.8                    |
| 3,142.0      | 7.83       | 138.62               | 3,127.5       | -191.9        | 111.0         | 0.19                | 0.09                 | -1.20               | -54.8                  | -9.1                    |
| 3,238.0      | 8.18       | 136.77               | 3,222.6       | -201.8        | 120.0         | 0.45                | 0.36                 | -1.93               | -59.3                  | -9.0                    |
| 3,333.0      | 8.35       | 134.31               | 3,316.6       | -211.5        | 129.6         | 0.41                | 0.18                 | -2.59               | -64.1                  | -9.4                    |
| 3,428.0      | 7.74       | 143.54               | 3,410.7       | -221.5        | 138.3         | 1.50                | -0.64                | 9.72                | -69.4                  | 3.2                     |
| 3,523.0      | 7.91       | 145.83               | 3,504.8       | -232.0        | 145.8         | 0.37                | 0.18                 | 2.41                | -73.4                  | 6.9                     |
| 3,618.0      | 7.56       | 146.35               | 3,598.9       | -242.6        | 152.9         | 0.38                | -0.37                | 0.55                | -77.5                  | 8.3                     |
| 3,713.0      | 7.47       | 147.50               | 3,693.1       | -253.0        | 159.7         | 0.18                | -0.09                | 1.21                | -81.0                  | 10.4                    |
| 3,808.0      | 6.95       | 148.46               | 3,787.4       | -263.1        | 166.0         | 0.56                | -0.55                | 1.01                | -84.0                  | 12.2                    |
| 3,903.0      | 6.16       | 148.02               | 3,881.7       | -272.4        | 171.7         | 0.83                | -0.83                | -0.46               | -86.2                  | 11.9                    |
| 3,998.0      | 5.63       | 140.73               | 3,976.2       | -280.3        | 177.4         | 0.96                | -0.56                | -7.67               | -88.1                  | 1.7                     |
| 4,093.0      | 5.19       | 142.75               | 4,070.8       | -287.3        | 182.9         | 0.50                | -0.46                | 2.13                | -88.3                  | 6.2                     |
| 4,189.0      | 4.66       | 144.07               | 4,166.5       | -293.9        | 187.8         | 0.56                | -0.55                | 1.37                | -87.6                  | 9.3                     |
| 4,284.0      | 5.54       | 143.89               | 4,261.1       | -300.8        | 192.8         | 0.93                | 0.93                 | -0.19               | -87.4                  | 10.0                    |
| 4,379.0      | 5.45       | 149.43               | 4,355.6       | -308.4        | 197.8         | 0.57                | -0.09                | 5.83                | -86.4                  | 19.0                    |
| 4,474.0      | 5.72       | 146.62               | 4,450.2       | -316.2        | 202.7         | 0.40                | 0.28                 | -2.96               | -87.7                  | 15.2                    |
| 4,569.0      | 5.80       | 144.51               | 4,544.7       | -324.1        | 208.1         | 0.24                | 0.08                 | -2.22               | -89.1                  | 12.7                    |
| 4,664.0      | 5.36       | 144.51               | 4,639.3       | -331.6        | 213.5         | 0.46                | -0.46                | 0.00                | -89.6                  | 13.6                    |
| 4,759.0      | 5.72       | 142.05               | 4,733.8       | -338.9        | 218.9         | 0.45                | 0.38                 | -2.59               | -90.6                  | 10.9                    |
| 4,854.0      | 6.16       | 140.38               | 4,828.3       | -346.6        | 225.1         | 0.50                | 0.46                 | -1.76               | -92.1                  | 9.6                     |
| 4,949.0      | 6.68       | 140.55               | 4,922.7       | -354.8        | 231.9         | 0.55                | 0.55                 | 0.18                | -94.1                  | 11.4                    |
| 5,044.0      | 5.54       | 145.56               | 5,017.2       | -362.8        | 238.0         | 1.32                | -1.20                | 5.27                | -94.2                  | 20.8                    |
| 5,139.0      | 5.01       | 147.23               | 5,111.8       | -370.1        | 242.8         | 0.58                | -0.56                | 1.76                | -93.5                  | 24.2                    |
| 5,235.0      | 4.66       | 146.18               | 5,207.4       | -376.9        | 247.2         | 0.38                | -0.36                | -1.09               | -93.2                  | 23.1                    |
| 5,330.0      | 5.45       | 142.13               | 5,302.1       | -383.6        | 252.2         | 0.91                | 0.83                 | -4.26               | -94.3                  | 17.5                    |



## EOG Resources

Midland PVA

|                  |                             |                                     |                       |
|------------------|-----------------------------|-------------------------------------|-----------------------|
| <b>Company:</b>  | EOG Resources - Midland     | <b>Local Co-ordinate Reference:</b> | Well #708H            |
| <b>Project:</b>  | Lea County, NM (NAD 83 NME) | <b>TVD Reference:</b>               | KB = 26' @ 3357.0usft |
| <b>Site:</b>     | Vaca 24 Fed Com             | <b>MD Reference:</b>                | KB = 26' @ 3357.0usft |
| <b>Well:</b>     | #708H                       | <b>North Reference:</b>             | Grid                  |
| <b>Wellbore:</b> | OH                          | <b>Survey Calculation Method:</b>   | Minimum Curvature     |
| <b>Design:</b>   | OH                          | <b>Database:</b>                    | EDM                   |

| 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) |
| 5,425.0      | 6.07       | 137.48               | 5,396.6       | -390.9        | 258.3         | 0.82                | 0.65                 | -4.89               | -96.4                  | 11.4                    |
| 5,520.0      | 6.07       | 136.77               | 5,491.0       | -398.3        | 265.2         | 0.08                | 0.00                 | -0.75               | -98.1                  | 12.2                    |
| 5,615.0      | 5.98       | 135.63               | 5,585.5       | -405.4        | 272.1         | 0.16                | -0.09                | -1.20               | -99.9                  | 12.4                    |
| 5,711.0      | 6.33       | 140.55               | 5,681.0       | -413.1        | 278.9         | 0.66                | 0.36                 | 5.12                | -100.0                 | 22.9                    |
| 5,806.0      | 6.33       | 142.49               | 5,775.4       | -421.3        | 285.4         | 0.23                | 0.00                 | 2.04                | -101.0                 | 27.7                    |
| 5,901.0      | 6.51       | 140.20               | 5,869.8       | -429.6        | 292.1         | 0.33                | 0.19                 | -2.41               | -104.1                 | 25.0                    |
| 5,996.0      | 6.51       | 137.48               | 5,964.2       | -437.7        | 299.2         | 0.32                | 0.00                 | -2.86               | -107.4                 | 21.8                    |
| 6,091.0      | 6.24       | 136.77               | 6,058.6       | -445.4        | 306.3         | 0.30                | -0.28                | -0.75               | -109.7                 | 22.4                    |
| 6,186.0      | 6.07       | 134.84               | 6,153.0       | -452.7        | 313.4         | 0.28                | -0.18                | -2.03               | -112.2                 | 20.9                    |
| 6,281.0      | 5.10       | 130.53               | 6,247.6       | -459.0        | 320.2         | 1.11                | -1.02                | -4.54               | -114.5                 | 15.1                    |
| 6,376.0      | 2.99       | 109.88               | 6,342.4       | -462.6        | 325.7         | 2.66                | -2.22                | -21.74              | -112.3                 | -21.9                   |
| 6,471.0      | 2.64       | 100.47               | 6,437.2       | -463.9        | 330.2         | 0.61                | -0.37                | -9.91               | -106.2                 | -33.6                   |
| 6,566.0      | 1.76       | 96.26                | 6,532.2       | -464.4        | 333.8         | 0.94                | -0.93                | -4.43               | -101.9                 | -34.4                   |
| 6,661.0      | 1.32       | 89.84                | 6,627.1       | -464.6        | 336.4         | 0.50                | -0.46                | -6.76               | -95.7                  | -38.1                   |
| 6,756.0      | 1.32       | 90.98                | 6,722.1       | -464.6        | 338.6         | 0.03                | 0.00                 | 1.20                | -94.2                  | -28.7                   |
| 6,851.0      | 1.32       | 83.25                | 6,817.1       | -464.5        | 340.7         | 0.19                | 0.00                 | -8.14               | -88.3                  | -33.2                   |
| 6,946.0      | 1.14       | 80.44                | 6,912.1       | -464.2        | 342.8         | 0.20                | -0.19                | -2.96               | -85.6                  | -29.3                   |
| 7,041.0      | 0.97       | 72.44                | 7,007.1       | -463.8        | 344.5         | 0.24                | -0.18                | -8.42               | -80.6                  | -32.5                   |
| 7,136.0      | 0.88       | 62.95                | 7,102.0       | -463.2        | 345.9         | 0.19                | -0.09                | -9.99               | -75.2                  | -36.8                   |
| 7,231.0      | 0.53       | 57.23                | 7,197.0       | -462.6        | 346.9         | 0.38                | -0.37                | -6.02               | -72.8                  | -35.4                   |
| 7,326.0      | 0.44       | 55.83                | 7,292.0       | -462.2        | 347.6         | 0.10                | -0.09                | -1.47               | -73.4                  | -28.5                   |
| 7,421.0      | 0.35       | 141.34               | 7,387.0       | -462.2        | 348.0         | 0.57                | -0.09                | 90.01               | -25.9                  | 72.7                    |
| 7,517.0      | 0.53       | 155.32               | 7,483.0       | -462.9        | 348.4         | 0.22                | 0.19                 | 14.56               | 0.4                    | 76.2                    |
| 7,612.0      | 0.97       | 158.13               | 7,578.0       | -464.0        | 348.9         | 0.46                | 0.46                 | 2.96                | 9.8                    | 75.2                    |
| 7,707.0      | 1.14       | 165.78               | 7,673.0       | -465.7        | 349.4         | 0.23                | 0.18                 | 8.05                | 21.6                   | 72.3                    |
| 7,802.0      | 1.32       | 171.75               | 7,768.0       | -467.7        | 349.8         | 0.23                | 0.19                 | 6.28                | 27.6                   | 69.5                    |
| 7,897.0      | 0.97       | 163.76               | 7,863.0       | -469.5        | 350.2         | 0.40                | -0.37                | -8.41               | 15.8                   | 72.5                    |



## EOG Resources

Midland PVA

|                  |                             |                                     |                       |
|------------------|-----------------------------|-------------------------------------|-----------------------|
| <b>Company:</b>  | EOG Resources - Midland     | <b>Local Co-ordinate Reference:</b> | Well #708H            |
| <b>Project:</b>  | Lea County, NM (NAD 83 NME) | <b>TVD Reference:</b>               | KB = 26' @ 3357.0usft |
| <b>Site:</b>     | Vaca 24 Fed Com             | <b>MD Reference:</b>                | KB = 26' @ 3357.0usft |
| <b>Well:</b>     | #708H                       | <b>North Reference:</b>             | Grid                  |
| <b>Wellbore:</b> | OH                          | <b>Survey Calculation Method:</b>   | Minimum Curvature     |
| <b>Design:</b>   | OH                          | <b>Database:</b>                    | EDM                   |

| 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) |  |
| 7,992.0      | 0.79       | 162.44               | 7,957.9       | -470.9        | 350.6         | 0.19                | -0.19                | -1.39               | 12.7                   | 72.9                    |  |
| 8,087.0      | 0.62       | 192.32               | 8,052.9       | -472.0        | 350.7         | 0.42                | -0.18                | 31.45               | 46.2                   | 57.2                    |  |
| 8,182.0      | 1.14       | 201.99               | 8,147.9       | -473.4        | 350.3         | 0.57                | 0.55                 | 10.18               | 53.7                   | 48.7                    |  |
| 8,371.0      | 1.41       | 197.86               | 8,336.9       | -477.4        | 348.8         | 0.15                | 0.14                 | -2.19               | 45.9                   | 52.3                    |  |
| 8,466.0      | 1.41       | 194.43               | 8,431.9       | -479.6        | 348.2         | 0.09                | 0.00                 | -3.61               | 40.3                   | 54.9                    |  |
| 8,561.0      | 1.67       | 191.62               | 8,526.8       | -482.1        | 347.6         | 0.28                | 0.27                 | -2.96               | 35.0                   | 56.7                    |  |
| 8,656.0      | 1.49       | 188.89               | 8,621.8       | -484.7        | 347.1         | 0.21                | -0.19                | -2.87               | 29.7                   | 58.3                    |  |
| 8,751.0      | 1.23       | 189.51               | 8,716.8       | -486.9        | 346.8         | 0.27                | -0.27                | 0.65                | 28.0                   | 57.9                    |  |
| 8,846.0      | 1.32       | 189.68               | 8,811.7       | -489.0        | 346.4         | 0.09                | 0.09                 | 0.18                | 26.1                   | 57.9                    |  |
| 8,940.0      | 1.14       | 190.39               | 8,905.7       | -491.0        | 346.1         | 0.19                | -0.19                | 0.76                | 24.8                   | 57.6                    |  |
| 9,035.0      | 0.97       | 189.33               | 9,000.7       | -492.7        | 345.8         | 0.18                | -0.18                | -1.12               | 22.0                   | 58.0                    |  |
| 9,130.0      | 1.14       | 191.71               | 9,095.7       | -494.4        | 345.5         | 0.18                | 0.18                 | 2.51                | 22.6                   | 57.1                    |  |
| 9,225.0      | 0.79       | 194.43               | 9,190.7       | -496.0        | 345.1         | 0.37                | -0.37                | 2.86                | 23.7                   | 56.0                    |  |
| 9,321.0      | 0.35       | 184.59               | 9,286.7       | -496.9        | 344.9         | 0.47                | -0.46                | -10.25              | 12.9                   | 59.1                    |  |
| 9,415.0      | 0.35       | 11.62                | 9,380.7       | -496.9        | 344.9         | 0.74                | 0.00                 | -184.01             | -20.0                  | -57.1                   |  |
| 9,511.0      | 0.88       | 350.52               | 9,476.7       | -495.9        | 344.9         | 0.59                | 0.55                 | -21.98              | 0.9                    | -60.6                   |  |
| 9,606.0      | 1.14       | 333.30               | 9,571.6       | -494.3        | 344.3         | 0.42                | 0.27                 | -18.13              | 17.1                   | -57.8                   |  |
| 9,701.0      | 0.97       | 159.01               | 9,666.6       | -494.2        | 344.2         | 2.22                | -0.18                | -183.46             | -11.2                  | 59.1                    |  |
| 9,796.0      | 0.97       | 328.11               | 9,761.6       | -494.3        | 344.1         | 2.03                | 0.00                 | 178.00              | 22.1                   | -55.8                   |  |
| 9,891.0      | 0.70       | 305.17               | 9,856.6       | -493.3        | 343.2         | 0.45                | -0.28                | -24.15              | 40.8                   | -43.1                   |  |
| 9,986.0      | 0.79       | 276.34               | 9,951.6       | -492.9        | 342.0         | 0.40                | 0.09                 | -30.35              | 55.4                   | -18.3                   |  |
| 10,081.0     | 0.70       | 266.76               | 10,046.6      | -492.9        | 340.8         | 0.16                | -0.09                | -10.08              | 56.4                   | -9.0                    |  |
| 10,175.0     | 1.32       | 238.20               | 10,140.6      | -493.5        | 339.3         | 0.83                | 0.66                 | -30.38              | 52.2                   | 18.8                    |  |
| 10,270.0     | 2.11       | 235.65               | 10,235.5      | -495.0        | 336.9         | 0.84                | 0.83                 | -2.68               | 48.5                   | 21.1                    |  |
| 10,365.0     | 2.11       | 240.31               | 10,330.5      | -496.9        | 334.0         | 0.18                | 0.00                 | 4.91                | 46.6                   | 17.2                    |  |
| 10,460.0     | 2.37       | 234.51               | 10,425.4      | -498.9        | 330.9         | 0.36                | 0.27                 | -6.11               | 40.9                   | 21.7                    |  |
| 10,555.0     | 2.11       | 230.29               | 10,520.3      | -501.1        | 327.9         | 0.32                | -0.27                | -4.44               | 35.5                   | 24.5                    |  |



# EOG Resources

Midland PVA

|           |                             |                              |                       |
|-----------|-----------------------------|------------------------------|-----------------------|
| Company:  | EOG Resources - Midland     | Local Co-ordinate Reference: | Well #708H            |
| Project:  | Lea County, NM (NAD 83 NME) | TVD Reference:               | KB = 26' @ 3357.0usft |
| Site:     | Vaca 24 Fed Com             | MD Reference:                | KB = 26' @ 3357.0usft |
| Well:     | #708H                       | North Reference:             | Grid                  |
| Wellbore: | OH                          | Survey Calculation Method:   | Minimum Curvature     |
| Design:   | OH                          | Database:                    | EDM                   |

| 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) |
| 10,650.0                                                                    | 2.11       | 217.81               | 10,615.3      | -503.6        | 325.5         | 0.48                | 0.00                 | -13.14              | 25.9                   | 31.2                    |
| 10,745.0                                                                    | 1.85       | 215.26               | 10,710.2      | -506.3        | 323.5         | 0.29                | -0.27                | -2.68               | 21.2                   | 32.2                    |
| 10,935.0                                                                    | 1.85       | 196.89               | 10,900.1      | -511.7        | 320.9         | 0.31                | 0.00                 | -9.67               | 4.0                    | 36.3                    |
| 11,030.0                                                                    | 1.85       | 213.94               | 10,995.1      | -514.4        | 319.6         | 0.58                | 0.00                 | 17.95               | 11.5                   | 34.0                    |
| 11,125.0                                                                    | 1.85       | 237.85               | 11,090.0      | -516.5        | 317.4         | 0.81                | 0.00                 | 25.17               | 21.3                   | 27.0                    |
| 11,220.0                                                                    | 3.78       | 243.74               | 11,184.9      | -518.7        | 313.3         | 2.05                | 2.03                 | 6.20                | 19.3                   | 24.9                    |
| 11,315.0                                                                    | 4.40       | 247.16               | 11,279.7      | -521.5        | 307.2         | 0.70                | 0.65                 | 3.60                | 14.0                   | 23.9                    |
| 11,410.0                                                                    | 4.31       | 263.83               | 11,374.4      | -523.3        | 300.2         | 1.33                | -0.09                | 17.55               | 13.2                   | 19.9                    |
| 11,505.0                                                                    | 5.80       | 266.15               | 11,469.0      | -524.0        | 291.9         | 1.58                | 1.57                 | 2.44                | 5.6                    | 19.5                    |
| 11,600.0                                                                    | 5.45       | 261.23               | 11,563.6      | -525.1        | 282.7         | 0.63                | -0.37                | -5.18               | -5.3                   | 19.5                    |
| 11,695.0                                                                    | 4.84       | 256.30               | 11,658.2      | -526.7        | 274.3         | 0.79                | -0.64                | -5.19               | -15.5                  | 18.6                    |
| 11,790.0                                                                    | 3.78       | 257.18               | 11,752.9      | -528.3        | 267.4         | 1.12                | -1.12                | 0.93                | -22.4                  | 18.9                    |
| 11,873.0                                                                    | 2.99       | 267.03               | 11,835.8      | -529.1        | 262.5         | 1.18                | -0.95                | 11.87               | -23.7                  | 22.9                    |
| 11,968.0                                                                    | 2.99       | 278.37               | 11,930.6      | -528.8        | 257.6         | 0.62                | 0.00                 | 11.94               | -23.6                  | 27.6                    |
| 12,064.0                                                                    | 2.37       | 290.67               | 12,026.5      | -527.8        | 253.3         | 0.88                | -0.65                | 12.81               | -21.6                  | 32.5                    |
| 12,070.0                                                                    | 2.38       | 302.68               | 12,032.5      | -527.6        | 253.0         | 8.27                | 0.12                 | 200.13              | -14.7                  | 36.3                    |
| KOP, MD:12070.0', TVD:12032.5', N/S:-527.6', E/W:253.0', INC:2.38           |            |                      |               |               |               |                     |                      |                     |                        |                         |
| 12,159.0                                                                    | 8.00       | 8.80                 | 12,121.2      | -520.5        | 252.4         | 8.27                | 6.32                 | 74.29               | 27.7                   | 28.6                    |
| 12,254.0                                                                    | 14.42      | 1.16                 | 12,214.3      | -502.1        | 253.7         | 6.92                | 6.76                 | -8.04               | 30.6                   | 30.6                    |
| 12,350.0                                                                    | 23.57      | 359.40               | 12,305.0      | -470.9        | 253.7         | 9.55                | 9.53                 | -1.83               | 41.5                   | 31.3                    |
| 12,386.5                                                                    | 28.64      | 359.14               | 12,337.8      | -454.9        | 253.5         | 13.89               | 13.88                | -0.70               | 46.1                   | 31.6                    |
| FTP Crossing, MD:12386.5', TVD:12337.8', N/S:-454.9', E/W:253.5', INC:28.64 |            |                      |               |               |               |                     |                      |                     |                        |                         |
| 12,445.0                                                                    | 36.76      | 358.87               | 12,386.9      | -423.3        | 253.0         | 13.89               | 13.88                | -0.47               | 52.0                   | 32.0                    |
| 12,540.0                                                                    | 49.77      | 356.94               | 12,456.0      | -358.4        | 250.5         | 13.76               | 13.69                | -2.03               | 57.2                   | 35.2                    |
| 12,635.0                                                                    | 63.93      | 357.12               | 12,507.8      | -279.2        | 246.4         | 14.91               | 14.91                | 0.19                | 57.7                   | 38.2                    |
| 12,730.0                                                                    | 79.93      | 357.91               | 12,537.2      | -189.2        | 242.5         | 16.86               | 16.84                | 0.83                | 50.0                   | 40.9                    |
| 12,825.0                                                                    | 90.40      | 5.99                 | 12,545.2      | -94.8         | 245.8         | 13.90               | 11.02                | 8.51                | 37.8                   | 36.1                    |



## EOG Resources

Midland PVA

|                  |                             |                                     |                       |
|------------------|-----------------------------|-------------------------------------|-----------------------|
| <b>Company:</b>  | EOG Resources - Midland     | <b>Local Co-ordinate Reference:</b> | Well #708H            |
| <b>Project:</b>  | Lea County, NM (NAD 83 NME) | <b>TVD Reference:</b>               | KB = 26' @ 3357.0usft |
| <b>Site:</b>     | Vaca 24 Fed Com             | <b>MD Reference:</b>                | KB = 26' @ 3357.0usft |
| <b>Well:</b>     | #708H                       | <b>North Reference:</b>             | Grid                  |
| <b>Wellbore:</b> | OH                          | <b>Survey Calculation Method:</b>   | Minimum Curvature     |
| <b>Design:</b>   | OH                          | <b>Database:</b>                    | EDM                   |

| 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) |
| 12,920.0     | 93.91      | 0.19                 | 12,541.6      | -0.1          | 250.9         | 7.13                | 3.69                 | -6.11               | 29.6                   | 30.6                    |
| 13,015.0     | 94.44      | 0.19                 | 12,534.7      | 94.7          | 251.2         | 0.56                | 0.56                 | 0.00                | 22.7                   | 29.6                    |
| 13,111.0     | 97.78      | 1.51                 | 12,524.5      | 190.1         | 252.6         | 3.74                | 3.48                 | 1.37                | 12.4                   | 27.5                    |
| 13,206.0     | 92.77      | 0.98                 | 12,515.7      | 284.6         | 254.7         | 5.30                | -5.27                | -0.56               | 3.8                    | 24.7                    |
| 13,301.0     | 89.25      | 355.62               | 12,514.1      | 379.5         | 251.8         | 6.75                | -3.71                | -5.64               | 2.2                    | 26.9                    |
| 13,396.0     | 89.96      | 355.62               | 12,514.7      | 474.2         | 244.6         | 0.75                | 0.75                 | 0.00                | 2.9                    | 33.4                    |
| 13,492.0     | 92.68      | 355.80               | 12,512.5      | 569.9         | 237.4         | 2.84                | 2.83                 | 0.19                | 0.8                    | 39.9                    |
| 13,587.0     | 94.09      | 359.40               | 12,506.9      | 664.7         | 233.4         | 4.06                | 1.48                 | 3.79                | -4.9                   | 43.2                    |
| 13,682.0     | 91.19      | 2.30                 | 12,502.5      | 759.5         | 234.8         | 4.31                | -3.05                | 3.05                | -9.3                   | 41.1                    |
| 13,777.0     | 91.28      | 1.95                 | 12,500.5      | 854.5         | 238.4         | 0.38                | 0.09                 | -0.37               | -11.3                  | 36.9                    |
| 13,872.0     | 92.15      | 2.21                 | 12,497.6      | 949.4         | 241.8         | 0.96                | 0.92                 | 0.27                | -14.2                  | 32.8                    |
| 13,968.0     | 90.75      | 1.86                 | 12,495.2      | 1,045.3       | 245.2         | 1.50                | -1.46                | -0.36               | -16.5                  | 28.7                    |
| 14,063.0     | 90.04      | 2.65                 | 12,494.5      | 1,140.2       | 249.0         | 1.12                | -0.75                | 0.83                | -17.2                  | 24.3                    |
| 14,158.0     | 87.14      | 2.39                 | 12,496.9      | 1,235.0       | 253.1         | 3.06                | -3.05                | -0.27               | -14.8                  | 19.5                    |
| 14,253.0     | 88.64      | 1.14                 | 12,500.4      | 1,329.9       | 256.1         | 2.05                | 1.58                 | -1.32               | -11.3                  | 15.9                    |
| 14,348.0     | 89.34      | 2.54                 | 12,502.1      | 1,424.9       | 259.1         | 1.65                | 0.74                 | 1.47                | -9.6                   | 12.2                    |
| 14,444.0     | 86.88      | 357.71               | 12,505.2      | 1,520.8       | 259.3         | 5.64                | -2.56                | -5.03               | -6.4                   | 11.3                    |
| 14,539.0     | 85.56      | 356.04               | 12,511.5      | 1,615.4       | 254.1         | 2.24                | -1.39                | -1.76               | -0.2                   | 15.8                    |
| 14,634.0     | 90.40      | 1.58                 | 12,514.8      | 1,710.3       | 252.2         | 7.74                | 5.09                 | 5.83                | 3.3                    | 17.0                    |
| 14,729.0     | 94.26      | 5.18                 | 12,511.0      | 1,805.0       | 257.8         | 5.55                | 4.06                 | 3.79                | -0.6                   | 10.8                    |
| 14,824.0     | 93.30      | 4.21                 | 12,504.7      | 1,899.5       | 265.5         | 1.43                | -1.01                | -1.02               | -6.8                   | 2.3                     |
| 14,919.0     | 93.56      | 4.13                 | 12,499.0      | 1,994.1       | 272.4         | 0.29                | 0.27                 | -0.08               | -12.5                  | -5.2                    |
| 15,014.0     | 93.39      | 4.57                 | 12,493.3      | 2,088.6       | 279.6         | 0.50                | -0.18                | 0.46                | -18.2                  | -13.1                   |
| 15,109.0     | 92.24      | 3.86                 | 12,488.6      | 2,183.2       | 286.6         | 1.42                | -1.21                | -0.75               | -22.8                  | -20.7                   |
| 15,204.0     | 86.97      | 1.93                 | 12,489.3      | 2,278.1       | 291.4         | 5.91                | -5.55                | -2.03               | -22.2                  | -26.2                   |
| 15,299.0     | 90.22      | 358.85               | 12,491.6      | 2,373.0       | 292.0         | 4.71                | 3.42                 | -3.24               | -19.8                  | -27.5                   |
| 15,394.0     | 87.05      | 358.68               | 12,493.9      | 2,468.0       | 290.0         | 3.34                | -3.34                | -0.18               | -17.5                  | -26.2                   |



## EOG Resources

Midland PVA

|                  |                             |                                     |                       |
|------------------|-----------------------------|-------------------------------------|-----------------------|
| <b>Company:</b>  | EOG Resources - Midland     | <b>Local Co-ordinate Reference:</b> | Well #708H            |
| <b>Project:</b>  | Lea County, NM (NAD 83 NME) | <b>TVD Reference:</b>               | KB = 26' @ 3357.0usft |
| <b>Site:</b>     | Vaca 24 Fed Com             | <b>MD Reference:</b>                | KB = 26' @ 3357.0usft |
| <b>Well:</b>     | #708H                       | <b>North Reference:</b>             | Grid                  |
| <b>Wellbore:</b> | OH                          | <b>Survey Calculation Method:</b>   | Minimum Curvature     |
| <b>Design:</b>   | OH                          | <b>Database:</b>                    | EDM                   |

| Survey       |            |                      |               |               |               |                     |                      |                     |                        |                         |
|--------------|------------|----------------------|---------------|---------------|---------------|---------------------|----------------------|---------------------|------------------------|-------------------------|
| MD<br>(usft) | Inc<br>(°) | Azi (azimuth)<br>(°) | TVD<br>(usft) | N/S<br>(usft) | E/W<br>(usft) | DLeg<br>(°/100usft) | Build<br>(°/100usft) | Turn<br>(°/100usft) | High to Plan<br>(usft) | Right to Plan<br>(usft) |
| 15,490.0     | 90.48      | 359.29               | 12,495.9      | 2,563.9       | 288.3         | 3.63                | 3.57                 | 0.64                | -15.4                  | -25.1                   |
| 15,585.0     | 90.13      | 1.75                 | 12,495.4      | 2,658.9       | 289.2         | 2.62                | -0.37                | 2.59                | -15.9                  | -26.7                   |
| 15,680.0     | 90.04      | 358.59               | 12,495.3      | 2,753.9       | 289.4         | 3.33                | -0.09                | -3.33               | -16.1                  | -27.6                   |
| 15,805.0     | 89.96      | 359.20               | 12,495.3      | 2,878.9       | 287.0         | 0.49                | -0.06                | 0.49                | -16.0                  | -26.1                   |
| 15,870.0     | 89.87      | 358.77               | 12,495.4      | 2,943.8       | 285.9         | 0.68                | -0.14                | -0.66               | -15.9                  | -25.4                   |
| 15,965.0     | 89.60      | 356.74               | 12,495.8      | 3,038.8       | 282.2         | 2.16                | -0.28                | -2.14               | -15.5                  | -22.4                   |
| 16,060.0     | 89.87      | 357.53               | 12,496.2      | 3,133.6       | 277.4         | 0.88                | 0.28                 | 0.83                | -15.0                  | -18.3                   |
| 16,156.0     | 92.77      | 357.80               | 12,494.0      | 3,229.5       | 273.5         | 3.03                | 3.02                 | 0.28                | -17.2                  | -15.1                   |
| 16,251.0     | 89.52      | 357.10               | 12,492.1      | 3,324.4       | 269.3         | 3.50                | -3.42                | -0.74               | -19.1                  | -11.5                   |
| 16,346.0     | 87.41      | 356.57               | 12,494.7      | 3,419.2       | 264.0         | 2.29                | -2.22                | -0.56               | -16.5                  | -7.0                    |
| 16,441.0     | 89.78      | 0.17                 | 12,497.0      | 3,514.1       | 261.3         | 4.54                | 2.49                 | 3.79                | -14.1                  | -4.9                    |
| 16,537.0     | 91.36      | 0.08                 | 12,496.1      | 3,610.1       | 261.5         | 1.65                | 1.65                 | -0.09               | -15.1                  | -5.8                    |
| 16,660.0     | 88.29      | 358.94               | 12,496.4      | 3,733.1       | 260.5         | 2.66                | -2.50                | -0.93               | -14.7                  | -5.7                    |
| 16,727.0     | 89.96      | 358.06               | 12,497.5      | 3,800.1       | 258.7         | 2.82                | 2.49                 | -1.31               | -13.6                  | -4.4                    |
| 16,822.0     | 88.81      | 357.10               | 12,498.5      | 3,895.0       | 254.7         | 1.58                | -1.21                | -1.01               | -12.6                  | -1.0                    |
| 16,918.0     | 89.60      | 354.72               | 12,499.8      | 3,990.7       | 247.9         | 2.61                | 0.82                 | -2.48               | -11.2                  | 5.1                     |
| 17,013.0     | 92.59      | 1.67                 | 12,498.0      | 4,085.6       | 244.9         | 7.96                | 3.15                 | 7.32                | -13.0                  | 7.4                     |
| 17,108.0     | 89.16      | 1.67                 | 12,496.5      | 4,180.5       | 247.6         | 3.61                | -3.61                | 0.00                | -14.4                  | 4.0                     |
| 17,203.0     | 93.12      | 2.02                 | 12,494.7      | 4,275.4       | 250.7         | 4.18                | 4.17                 | 0.37                | -16.1                  | 0.3                     |
| 17,299.0     | 90.31      | 359.91               | 12,491.8      | 4,371.4       | 252.3         | 3.66                | -2.93                | -2.20               | -18.9                  | -2.0                    |
| 17,394.0     | 86.97      | 359.03               | 12,494.0      | 4,466.3       | 251.4         | 3.64                | -3.52                | -0.93               | -16.4                  | -1.8                    |
| 17,489.0     | 86.70      | 357.18               | 12,499.3      | 4,561.1       | 248.3         | 1.97                | -0.28                | -1.95               | -11.0                  | 0.6                     |
| 17,584.0     | 92.59      | 1.93                 | 12,499.9      | 4,656.0       | 247.6         | 7.96                | 6.20                 | 5.00                | -10.3                  | 0.7                     |
| 17,700.0     | 93.74      | 2.10                 | 12,493.5      | 4,771.8       | 251.6         | 1.00                | 0.99                 | 0.15                | -16.5                  | -4.2                    |
| 17,796.0     | 93.56      | 2.46                 | 12,487.4      | 4,867.5       | 255.5         | 0.42                | -0.19                | 0.37                | -22.5                  | -8.7                    |
| 17,904.0     | 91.71      | 2.54                 | 12,482.4      | 4,975.3       | 260.2         | 1.71                | -1.71                | 0.07                | -27.3                  | -14.2                   |
| 18,016.0     | 88.72      | 2.54                 | 12,482.0      | 5,087.2       | 265.1         | 2.67                | -2.67                | 0.00                | -27.5                  | -19.9                   |



## EOG Resources

Midland PVA

|                  |                             |                                     |                       |
|------------------|-----------------------------|-------------------------------------|-----------------------|
| <b>Company:</b>  | EOG Resources - Midland     | <b>Local Co-ordinate Reference:</b> | Well #708H            |
| <b>Project:</b>  | Lea County, NM (NAD 83 NME) | <b>TVD Reference:</b>               | KB = 26' @ 3357.0usft |
| <b>Site:</b>     | Vaca 24 Fed Com             | <b>MD Reference:</b>                | KB = 26' @ 3357.0usft |
| <b>Well:</b>     | #708H                       | <b>North Reference:</b>             | Grid                  |
| <b>Wellbore:</b> | OH                          | <b>Survey Calculation Method:</b>   | Minimum Curvature     |
| <b>Design:</b>   | OH                          | <b>Database:</b>                    | EDM                   |

| 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) |
| 18,081.0     | 88.55      | 2.72                 | 12,483.5      | 5,152.1       | 268.1         | 0.38                | -0.26                | 0.28                | -25.9                  | -23.3                   |
| 18,177.0     | 87.14      | 1.14                 | 12,487.1      | 5,248.0       | 271.3         | 2.21                | -1.47                | -1.65               | -22.1                  | -27.3                   |
| 18,272.0     | 87.49      | 358.85               | 12,491.6      | 5,342.8       | 271.3         | 2.44                | 0.37                 | -2.41               | -17.4                  | -28.0                   |
| 18,367.0     | 90.48      | 358.06               | 12,493.3      | 5,437.8       | 268.8         | 3.26                | 3.15                 | -0.83               | -15.6                  | -26.1                   |
| 18,503.0     | 91.36      | 358.06               | 12,491.1      | 5,573.7       | 264.2         | 0.65                | 0.65                 | 0.00                | -17.6                  | -22.4                   |
| 18,558.0     | 91.80      | 358.06               | 12,489.6      | 5,628.6       | 262.3         | 0.80                | 0.80                 | 0.00                | -19.0                  | -21.0                   |
| 18,667.0     | 90.66      | 359.56               | 12,487.2      | 5,737.6       | 260.0         | 1.73                | -1.05                | 1.38                | -21.2                  | -19.5                   |
| 18,748.0     | 89.60      | 0.00                 | 12,487.0      | 5,818.6       | 259.7         | 1.42                | -1.31                | 0.54                | -21.2                  | -19.7                   |
| 18,887.0     | 89.34      | 1.23                 | 12,488.3      | 5,957.6       | 261.2         | 0.90                | -0.19                | 0.88                | -19.7                  | -22.2                   |
| 18,939.0     | 90.13      | 2.02                 | 12,488.6      | 6,009.5       | 262.7         | 2.15                | 1.52                 | 1.52                | -19.4                  | -24.1                   |
| 19,034.0     | 89.60      | 0.70                 | 12,488.8      | 6,104.5       | 264.9         | 1.50                | -0.56                | -1.39               | -19.0                  | -27.0                   |
| 19,130.0     | 89.25      | 359.91               | 12,489.7      | 6,200.5       | 265.5         | 0.90                | -0.36                | -0.82               | -17.9                  | -28.2                   |
| 19,225.0     | 90.22      | 359.47               | 12,490.2      | 6,295.5       | 264.9         | 1.12                | 1.02                 | -0.46               | -17.3                  | -28.4                   |
| 19,320.0     | 89.60      | 0.00                 | 12,490.3      | 6,390.5       | 264.5         | 0.86                | -0.65                | 0.56                | -17.0                  | -28.6                   |
| 19,415.0     | 90.13      | 359.29               | 12,490.6      | 6,485.5       | 263.9         | 0.93                | 0.56                 | -0.75               | -16.6                  | -28.7                   |
| 19,510.0     | 91.19      | 359.47               | 12,489.5      | 6,580.5       | 262.9         | 1.13                | 1.12                 | 0.19                | -17.5                  | -28.3                   |
| 19,649.0     | 90.04      | 358.77               | 12,488.0      | 6,719.5       | 260.8         | 0.97                | -0.83                | -0.50               | -18.8                  | -27.2                   |
| 19,701.0     | 90.84      | 359.12               | 12,487.6      | 6,771.4       | 259.8         | 1.68                | 1.54                 | 0.67                | -19.1                  | -26.6                   |
| 19,815.0     | 89.25      | 358.59               | 12,487.5      | 6,885.4       | 257.5         | 1.47                | -1.39                | -0.46               | -19.0                  | -25.1                   |
| 19,891.0     | 90.04      | 358.85               | 12,488.0      | 6,961.4       | 255.8         | 1.09                | 1.04                 | 0.34                | -18.4                  | -24.0                   |
| 19,986.0     | 91.19      | 359.03               | 12,486.9      | 7,056.4       | 254.1         | 1.23                | 1.21                 | 0.19                | -19.3                  | -22.9                   |
| 20,082.0     | 89.43      | 358.68               | 12,486.4      | 7,152.3       | 252.1         | 1.87                | -1.83                | -0.36               | -19.7                  | -21.7                   |
| 20,177.0     | 89.87      | 359.91               | 12,487.0      | 7,247.3       | 251.0         | 1.38                | 0.46                 | 1.29                | -18.9                  | -21.2                   |
| 20,272.0     | 90.92      | 0.43                 | 12,486.3      | 7,342.3       | 251.3         | 1.23                | 1.11                 | 0.55                | -19.2                  | -22.1                   |
| 20,389.0     | 88.99      | 359.64               | 12,486.4      | 7,459.3       | 251.3         | 1.78                | -1.65                | -0.68               | -18.8                  | -23.0                   |
| 20,462.0     | 92.24      | 2.02                 | 12,485.7      | 7,532.3       | 252.4         | 5.52                | 4.45                 | 3.26                | -19.4                  | -24.6                   |
| 20,583.0     | 91.19      | 1.67                 | 12,482.0      | 7,653.2       | 256.3         | 0.91                | -0.87                | -0.29               | -22.7                  | -29.4                   |



## EOG Resources

Midland PVA

|                  |                             |                                     |                       |
|------------------|-----------------------------|-------------------------------------|-----------------------|
| <b>Company:</b>  | EOG Resources - Midland     | <b>Local Co-ordinate Reference:</b> | Well #708H            |
| <b>Project:</b>  | Lea County, NM (NAD 83 NME) | <b>TVD Reference:</b>               | KB = 26' @ 3357.0usft |
| <b>Site:</b>     | Vaca 24 Fed Com             | <b>MD Reference:</b>                | KB = 26' @ 3357.0usft |
| <b>Well:</b>     | #708H                       | <b>North Reference:</b>             | Grid                  |
| <b>Wellbore:</b> | OH                          | <b>Survey Calculation Method:</b>   | Minimum Curvature     |
| <b>Design:</b>   | OH                          | <b>Database:</b>                    | EDM                   |

| 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) |
| 20,653.0                               | 90.75      | 0.79                 | 12,480.8      | 7,723.2       | 257.8         | 1.41                | -0.63                | -1.26               | -23.6                  | -31.4                   |
| 20,748.0                               | 87.85      | 359.73               | 12,482.0      | 7,818.1       | 258.2         | 3.25                | -3.05                | -1.12               | -22.2                  | -32.5                   |
| 20,843.0                               | 87.14      | 359.38               | 12,486.2      | 7,913.0       | 257.5         | 0.83                | -0.75                | -0.37               | -17.8                  | -32.4                   |
| 20,939.0                               | 88.20      | 359.47               | 12,490.1      | 8,009.0       | 256.5         | 1.11                | 1.10                 | 0.09                | -13.6                  | -32.1                   |
| 21,049.0                               | 89.69      | 355.78               | 12,492.1      | 8,118.8       | 252.0         | 3.62                | 1.35                 | -3.35               | -11.3                  | -28.3                   |
| 21,129.0                               | 92.24      | 355.16               | 12,490.7      | 8,198.5       | 245.6         | 3.28                | 3.19                 | -0.77               | -12.5                  | -22.6                   |
| 21,252.0                               | 91.36      | 357.27               | 12,486.9      | 8,321.2       | 237.5         | 1.86                | -0.72                | 1.72                | -15.9                  | -15.3                   |
| 21,320.0                               | 92.42      | 357.45               | 12,484.6      | 8,389.1       | 234.4         | 1.58                | 1.56                 | 0.26                | -18.0                  | -12.7                   |
| 21,430.0                               | 90.04      | 359.56               | 12,482.3      | 8,499.0       | 231.5         | 2.89                | -2.16                | 1.92                | -20.0                  | -10.6                   |
| 21,510.0                               | 87.58      | 359.38               | 12,483.9      | 8,579.0       | 230.8         | 3.08                | -3.07                | -0.22               | -18.1                  | -10.5                   |
| 21,606.0                               | 87.85      | 359.38               | 12,487.8      | 8,674.9       | 229.7         | 0.28                | 0.28                 | 0.00                | -14.0                  | -10.1                   |
| 21,701.0                               | 88.20      | 359.73               | 12,491.0      | 8,769.9       | 229.0         | 0.52                | 0.37                 | 0.37                | -10.5                  | -10.0                   |
| 21,796.0                               | 89.43      | 358.68               | 12,493.0      | 8,864.8       | 227.7         | 1.70                | 1.29                 | -1.11               | -8.2                   | -9.4                    |
| 21,891.0                               | 90.84      | 358.24               | 12,492.8      | 8,959.8       | 225.1         | 1.55                | 1.48                 | -0.46               | -8.2                   | -7.5                    |
| 21,987.0                               | 91.71      | 357.71               | 12,490.6      | 9,055.7       | 221.8         | 1.06                | 0.91                 | -0.55               | -10.1                  | -4.8                    |
| 22,082.0                               | 91.71      | 357.89               | 12,487.8      | 9,150.6       | 218.1         | 0.19                | 0.00                 | 0.19                | -12.6                  | -1.8                    |
| 22,192.0                               | 91.28      | 359.38               | 12,484.9      | 9,260.5       | 215.5         | 1.41                | -0.39                | 1.35                | -15.2                  | 0.0                     |
| 22,294.0                               | 88.90      | 359.56               | 12,484.8      | 9,362.5       | 214.5         | 2.34                | -2.33                | 0.18                | -14.7                  | 0.2                     |
| 22,368.0                               | 89.34      | 359.64               | 12,485.9      | 9,436.5       | 214.0         | 0.60                | 0.59                 | 0.11                | -13.0                  | 0.2                     |
| 22,463.0                               | 91.54      | 0.70                 | 12,485.2      | 9,531.5       | 214.3         | 2.57                | 2.32                 | 1.12                | -12.9                  | -0.8                    |
| 22,578.0                               | 90.22      | 1.23                 | 12,483.4      | 9,646.4       | 216.2         | 1.24                | -1.15                | 0.46                | -13.7                  | -3.5                    |
| 22,653.0                               | 89.78      | 1.23                 | 12,483.4      | 9,721.4       | 217.9         | 0.59                | -0.59                | 0.00                | -13.0                  | -5.6                    |
| <b>Last MWD Survey (MD=22653.0')</b>   |            |                      |               |               |               |                     |                      |                     |                        |                         |
| 22,821.0                               | 89.78      | 1.23                 | 12,484.1      | 9,889.4       | 221.5         | 0.00                | 0.00                 | 0.00                | -11.0                  | -10.4                   |
| <b>Projection to Bit (MD=22821.0')</b> |            |                      |               |               |               |                     |                      |                     |                        |                         |



# EOG Resources

Midland PVA

**Company:** EOG Resources - Midland  
**Project:** Lea County, NM (NAD 83 NME)  
**Site:** Vaca 24 Fed Com  
**Well:** #708H  
**Wellbore:** OH  
**Design:** OH

**Local Co-ordinate Reference:** Well #708H  
**TVD Reference:** KB = 26' @ 3357.0usft  
**MD Reference:** KB = 26' @ 3357.0usft  
**North Reference:** Grid  
**Survey Calculation Method:** Minimum Curvature  
**Database:** EDM

## Design Annotations

| Measured<br>Depth<br>(usft) | Vertical<br>Depth<br>(usft) | Local Coordinates |                 | Comment                                                                     |
|-----------------------------|-----------------------------|-------------------|-----------------|-----------------------------------------------------------------------------|
|                             |                             | +N/-S<br>(usft)   | +E/-W<br>(usft) |                                                                             |
| 12,070.0                    | 12,032.5                    | -527.6            | 253.0           | KOP, MD:12070.0', TVD:12032.5', N/S:-527.6', E/W:253.0', INC:2.38           |
| 12,386.5                    | 12,337.8                    | -454.9            | 253.5           | FTP Crossing, MD:12386.5', TVD:12337.8', N/S:-454.9', E/W:253.5', INC:28.64 |
| 22,653.0                    | 12,483.4                    | 9,721.4           | 217.9           | Last MWD Survey (MD=22653.0')                                               |
| 22,821.0                    | 12,484.1                    | 9,889.4           | 221.5           | Projection to Bit (MD=22821.0')                                             |

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

I CERTIFY THIS SURVEY TO BE TRUE AND CORRECT TO THE BEST OF MY BELIEF AND KNOWLEDGE  
 KAY MADDOX 06/28/2021



Lea County, NM (NAD 83 NME)

Vaca 24 Fed Com #708H

Plan #1

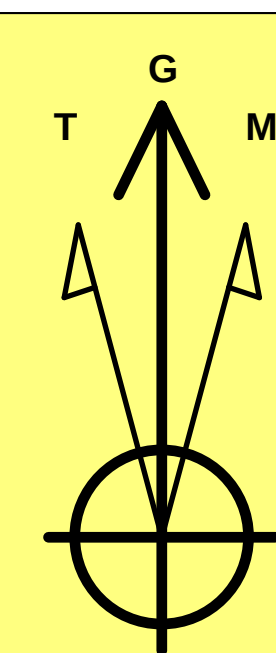
PROJECT DETAILS: Lea County, NM (NAD 83 NME)

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: #708H

KB = 26' @ 3357.0usft 3331.0  
Northing 404807.00 Easting 792658.00 Latitude 32° 6' 37.052 N Longitude 103° 31' 17.866 W

Azimuths to Grid North  
True North: -0.43°  
Magnetic North: 6.12°  
  
Magnetic Field  
Strength: 47463.0nT  
Dip Angle: 59.81°  
Date: 2/27/2021  
Model: IGRF2020



To convert a Magnetic Direction to a Grid Direction, Add 6.12°  
To convert a Magnetic Direction to a True Direction, Add 6.55° East  
To convert a True Direction to a Grid Direction, Subtract 0.43°

SECTION DETAILS

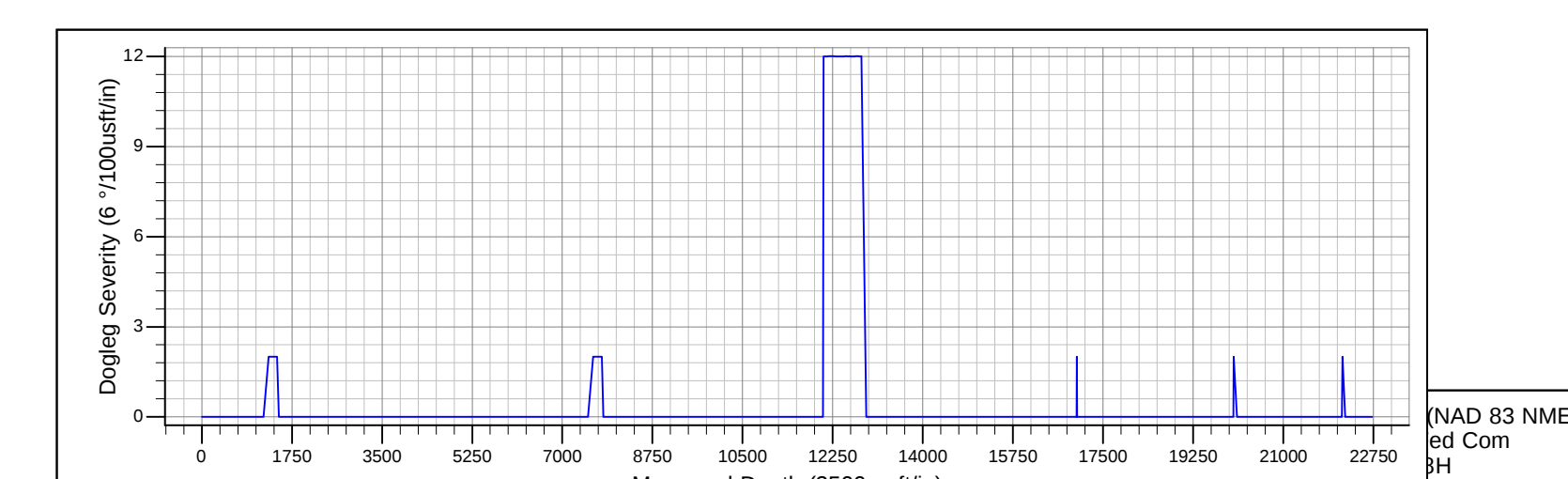
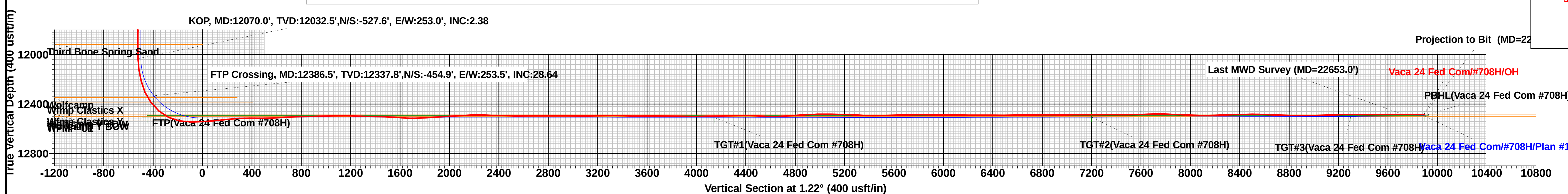
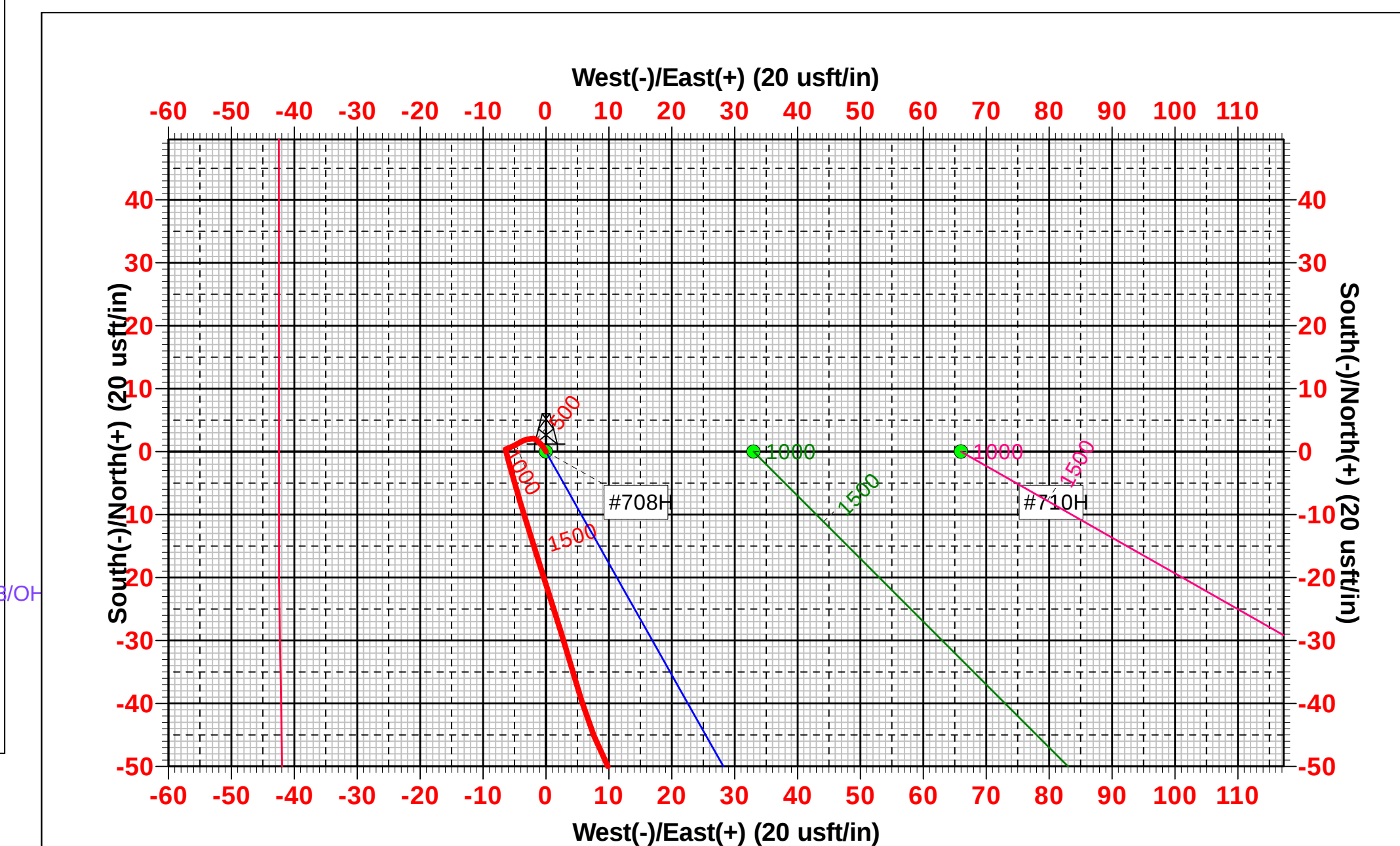
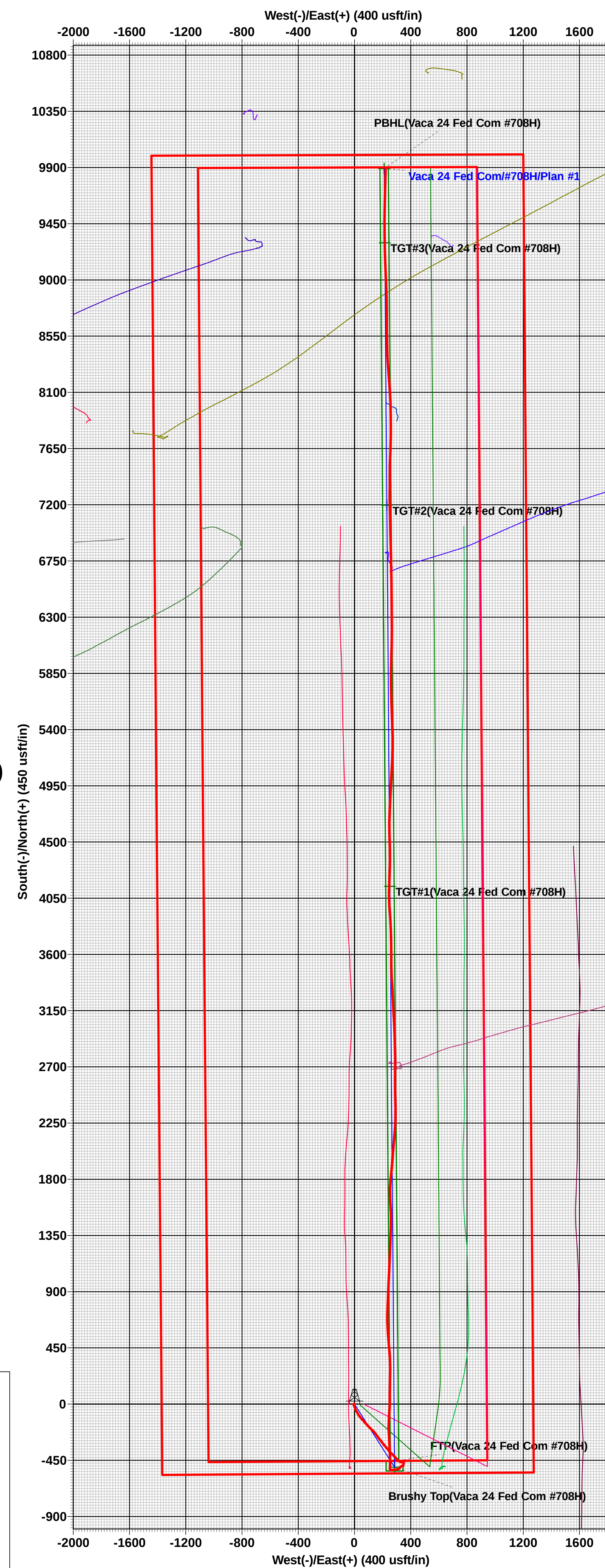
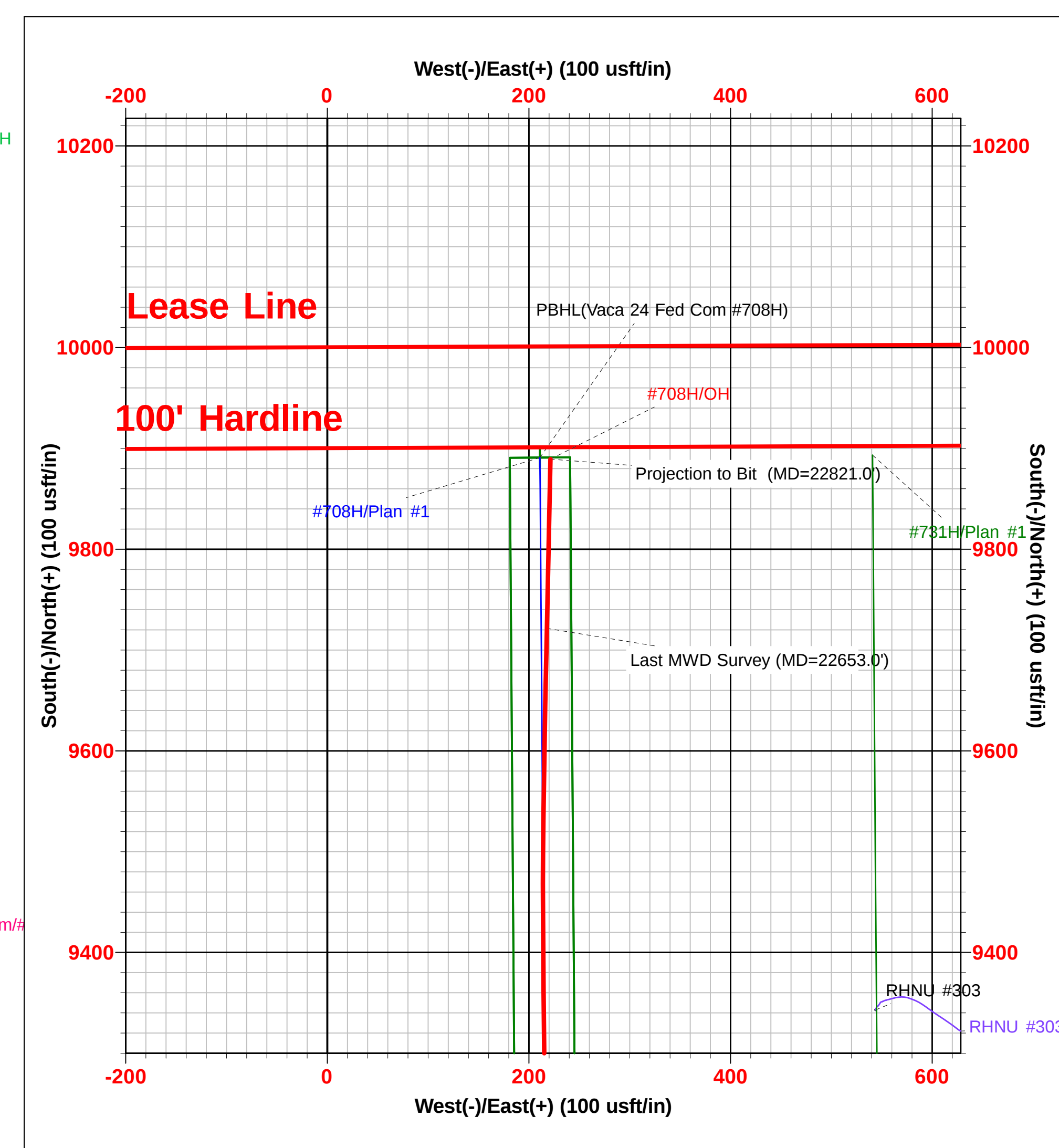
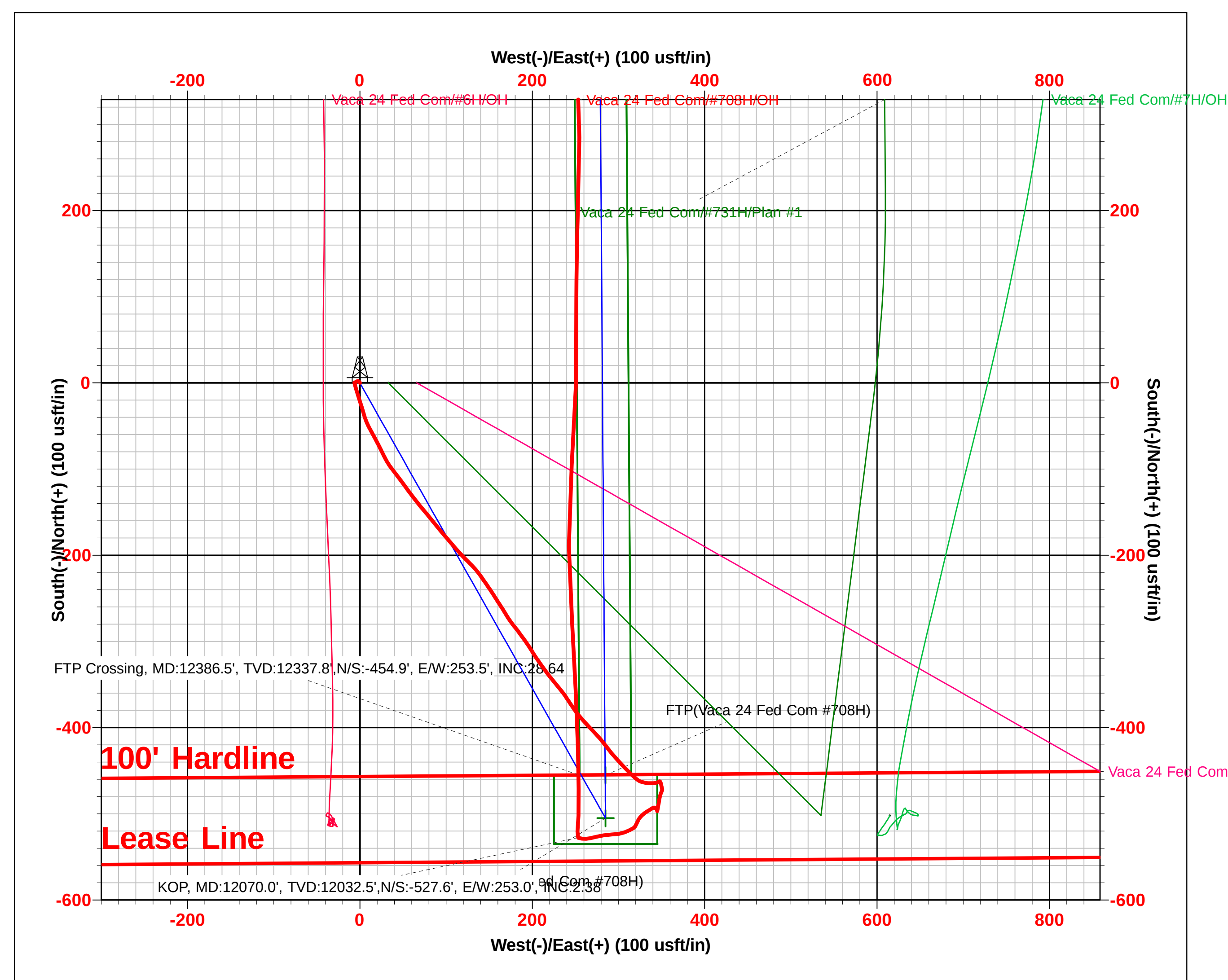
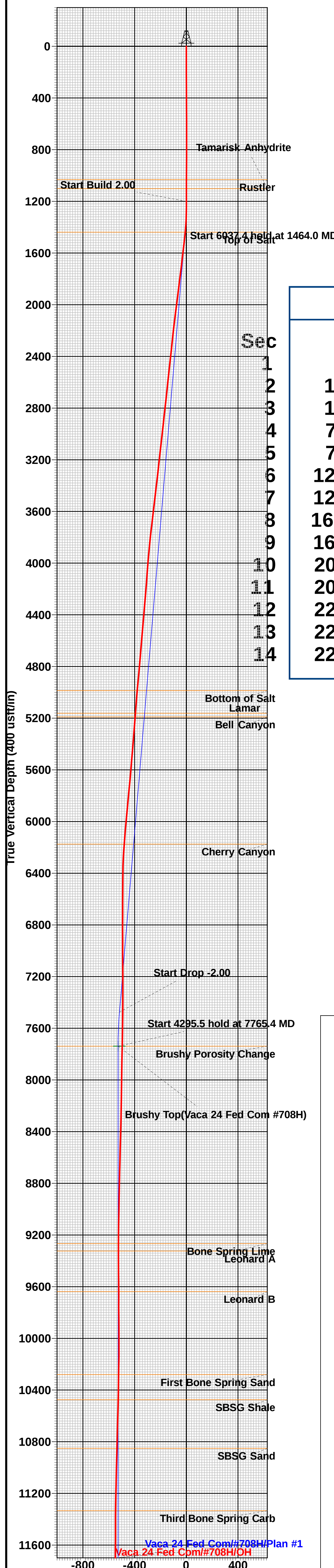
|    | MD      | Inc   | Azi    | TVD     | +N/-S  | +E/-W | Dleg  | TFace  | VSect  | Target                            |
|----|---------|-------|--------|---------|--------|-------|-------|--------|--------|-----------------------------------|
| 1  | 0.0     | 0.00  | 0.00   | 0.0     | 0.0    | 0.0   | 0.00  | 0.00   | 0.0    |                                   |
| 2  | 1200.0  | 0.00  | 0.00   | 1200.0  | 0.0    | 0.0   | 0.00  | 0.00   | 0.0    |                                   |
| 3  | 1464.0  | 5.28  | 150.56 | 1463.6  | -10.6  | 6.0   | 2.00  | 150.56 | -10.5  |                                   |
| 4  | 7501.4  | 5.28  | 150.56 | 7475.4  | -494.4 | 279.0 | 0.00  | 0.00   | -488.4 |                                   |
| 5  | 7765.4  | 0.00  | 0.00   | 7739.0  | -505.0 | 285.0 | 2.00  | 180.00 | -498.8 | Brushy Top(Vaca 24 Fed Com #708H) |
| 6  | 12060.9 | 0.00  | 0.00   | 12034.5 | -505.0 | 285.0 | 0.00  | 0.00   | -498.8 |                                   |
| 7  | 12811.0 | 90.01 | 359.59 | 12512.0 | -27.4  | 281.6 | 12.00 | 359.59 | -21.4  |                                   |
| 8  | 16984.1 | 90.01 | 359.59 | 12511.0 | 4145.6 | 251.9 | 0.00  | 0.00   | 4150.0 | TGT#1(Vaca 24 Fed Com #708H)      |
| 9  | 16988.2 | 90.09 | 359.59 | 12511.0 | 4149.6 | 251.9 | 2.00  | 0.00   | 4154.1 | TGT#2(Vaca 24 Fed Com #708H)      |
| 10 | 20035.3 | 90.09 | 359.59 | 12506.0 | 7196.7 | 230.2 | 0.00  | 0.00   | 7200.0 | TGT#3(Vaca 24 Fed Com #708H)      |
| 11 | 20038.8 | 90.16 | 359.59 | 12506.0 | 7200.2 | 230.2 | 2.00  | 0.00   | 7203.5 |                                   |
| 12 | 22136.2 | 90.16 | 359.59 | 12500.0 | 9297.5 | 215.2 | 0.00  | 0.00   | 9300.0 |                                   |
| 13 | 22152.3 | 90.49 | 359.59 | 12499.9 | 9313.7 | 215.1 | 2.00  | 0.00   | 9316.1 |                                   |
| 14 | 22729.7 | 90.49 | 359.59 | 12495.0 | 9891.0 | 211.0 | 0.00  | 0.00   | 9893.3 | PBHL(Vaca 24 Fed Com #708H)       |

CASING DETAILS

No casing data is available

WELLBORE TARGET DETAILS (MAP CO-ORDINATES)

| Name                              | TVD     | +N/-S  | +E/-W | Northing  | Easting   |
|-----------------------------------|---------|--------|-------|-----------|-----------|
| Brushy Top(Vaca 24 Fed Com #708H) | 7739.0  | -505.0 | 285.0 | 404302.00 | 792943.00 |
| PBHL(Vaca 24 Fed Com #708H)       | 12495.0 | 9891.0 | 211.0 | 414698.00 | 792869.00 |
| TGT#3(Vaca 24 Fed Com #708H)      | 12500.0 | 9297.5 | 215.2 | 414104.50 | 792873.22 |
| TGT#2(Vaca 24 Fed Com #708H)      | 12506.0 | 7196.7 | 230.2 | 412003.70 | 792888.18 |
| TGT#1(Vaca 24 Fed Com #708H)      | 12511.0 | 4145.6 | 251.9 | 408952.60 | 792909.90 |
| FTP(Vaca 24 Fed Com #708H)        | 12512.0 | -455.0 | 285.0 | 404352.00 | 792943.00 |



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

|                            |                                                                        |                                      |
|----------------------------|------------------------------------------------------------------------|--------------------------------------|
| Well Name: VACA 24 FED COM | Well Location: T25S / R33E / SEC 24 / SESE / 32.1102909 / -103.5216286 | County or Parish/State: LEA / NM     |
| Well Number: 708H          | Type of Well: OIL WELL                                                 | Allottee or Tribe Name:              |
| Lease Number: NMNM108504   | Unit or CA Name:                                                       | Unit or CA Number:                   |
| US Well Number: 3002546967 | Well Status: Drilling Well                                             | Operator: EOG RESOURCES INCORPORATED |

Notification

| Type of Submission:       | Notification                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Type of Action:                                                                                       | First Production |               |                 |    |    |
|---------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|------------------|---------------|-----------------|----|----|
| Date Sundry Submitted:    | Jun 29, 2021                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Time Sundry Submitted:                                                                                | 1:59:32 PM       |               |                 |    |    |
| First Production Date:    | Jun 22, 2021                                                                                                                                                                                                                                                                                                                                                                                                                                                          | <table><tr><th>Wellbore Code</th><th>Completion Code</th></tr><tr><td>00</td><td>X1</td></tr></table> |                  | Wellbore Code | Completion Code | 00 | X1 |
| Wellbore Code             | Completion Code                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                       |                  |               |                 |    |    |
| 00                        | X1                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                       |                  |               |                 |    |    |
| US Well Number:           | 3002546967                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                       |                  |               |                 |    |    |
| First Production Remarks: | <div>03/04/2021 RIG RELEASED</div> <div>03/07/2021 MIRU TEST VOID TO 5000 PSI, SEALS AND FLANGES TO 8500 PSI</div> <div>05/01/2021 BEGIN PERF AND FRAC</div> <div>05/22/2021 FINISH 35 STAGES PERF &amp; FRAC, 12,673 – 22,793’ W/ 3 1/8” 2100 SHOTS,</div> <div>FRAC 24,226.376 LBS PROPPANT + 378,929 BBLS LOAD FLUID</div> <div>05/25/2021 DRILLED OUT PLUGS AND CLEAN OUT WELLBORE</div> <div>06/23/2021 OPENED WELL TO FLOWBACK – DATE OF FIRST PRODUCTION</div> |                                                                                                       |                  |               |                 |    |    |
| Disposition:              | Accepted                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                       |                  |               |                 |    |    |
| Accepted Date:            | 06/30/2021                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                       |                  |               |                 |    |    |

|                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                            |                                                                                                                                                                                       |                                                               |                          |                                             |                                                             |                                                                |                                                                    |             |               |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------|--------------------------|---------------------------------------------|-------------------------------------------------------------|----------------------------------------------------------------|--------------------------------------------------------------------|-------------|---------------|
| 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><br><input checked="" type="checkbox"/> <b>COMPLETION REPORT</b> (Fill in boxes #1 through #31 for State and Fee wells only)<br><br><input type="checkbox"/> <b>C-144 CLOSURE ATTACHMENT</b> (Fill in boxes #1 through #9, #15 Date Rig Released and #32 and/or #33; attach this and the plat to the C-144 closure report in accordance with 19.15.17.13.K NMAC)                                           |                                            |                                                                                                                                                                                       |                                                               |                          |                                             |                                                             |                                                                | 5. Lease Name or Unit Agreement Name<br><b>VACA 24 FEDERAL COM</b> |             |               |
|                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                            |                                                                                                                                                                                       |                                                               |                          |                                             |                                                             |                                                                | 6. Well Number:<br><b>708H</b>                                     |             |               |
| 7. Type of Completion:<br><input checked="" type="checkbox"/> NEW WELL <input type="checkbox"/> WORKOVER <input type="checkbox"/> DEEPENING <input type="checkbox"/> PLUGBACK <input type="checkbox"/> DIFFERENT RESERVOIR <input type="checkbox"/> OTHER _____                                                                                                                                                                     |                                            |                                                                                                                                                                                       |                                                               |                          |                                             |                                                             |                                                                |                                                                    |             |               |
| 8. Name of Operator<br><b>EOG RESOURCES INC</b>                                                                                                                                                                                                                                                                                                                                                                                     |                                            |                                                                                                                                                                                       |                                                               |                          |                                             |                                                             | 9. OGRID<br><b>7377</b>                                        |                                                                    |             |               |
| 10. Address of Operator<br><b>PO BOX 2267 MIDLAND, TEXAS 79702</b>                                                                                                                                                                                                                                                                                                                                                                  |                                            |                                                                                                                                                                                       |                                                               |                          |                                             |                                                             | 11. Pool name or Wildcat<br><b>BOBCAT DRAW; UPPER WOLFCAMP</b> |                                                                    |             |               |
| 12. Location                                                                                                                                                                                                                                                                                                                                                                                                                        | Unit Ltr                                   | Section                                                                                                                                                                               | Township                                                      | Range                    | Lot                                         | Feet from the                                               | N/S Line                                                       | Feet from the                                                      | E/W Line    | County        |
| <b>Surface:</b>                                                                                                                                                                                                                                                                                                                                                                                                                     | <b>P</b>                                   | <b>24</b>                                                                                                                                                                             | <b>25S</b>                                                    | <b>33E</b>               |                                             | <b>556'</b>                                                 | <b>SOUTH</b>                                                   | <b>1271'</b>                                                       | <b>EAST</b> | <b>LEA</b>    |
| <b>BH:</b>                                                                                                                                                                                                                                                                                                                                                                                                                          | <b>A</b>                                   | <b>13</b>                                                                                                                                                                             | <b>25S</b>                                                    | <b>33E</b>               |                                             | <b>110'</b>                                                 | <b>NORTH</b>                                                   | <b>979'</b>                                                        | <b>EAST</b> | <b>LEA</b>    |
| 13. Date Spudded<br><b>01/02/2021</b>                                                                                                                                                                                                                                                                                                                                                                                               | 14. Date T.D. Reached<br><b>03/02/2021</b> |                                                                                                                                                                                       | 15. Date Rig Released<br><b>03/04/2021</b>                    |                          |                                             | 16. Date Completed (Ready to Produce)<br><b>06/23/2021</b>  |                                                                | 17. Elevations (DF and RKB, RT, GR, etc.)<br><b>3331' GL</b>       |             |               |
| 18. Total Measured Depth of Well<br><b>MD 22,821' TVD 12,484'</b>                                                                                                                                                                                                                                                                                                                                                                   |                                            |                                                                                                                                                                                       | 19. Plug Back Measured Depth<br><b>MD 22,793' TVD 12,484'</b> |                          |                                             | 20. Was Directional Survey Made?<br><b>YES</b>              |                                                                | 21. Type Electric and Other Logs Run<br><b>None</b>                |             |               |
| 22. Producing Interval(s), of this completion - Top, Bottom, Name<br><b>WOLFCAMP 12,673 - 22,793'</b>                                                                                                                                                                                                                                                                                                                               |                                            |                                                                                                                                                                                       |                                                               |                          |                                             |                                                             |                                                                |                                                                    |             |               |
| <b>23. CASING RECORD (Report all strings set in well)</b>                                                                                                                                                                                                                                                                                                                                                                           |                                            |                                                                                                                                                                                       |                                                               |                          |                                             |                                                             |                                                                |                                                                    |             |               |
| CASING SIZE                                                                                                                                                                                                                                                                                                                                                                                                                         |                                            | WEIGHT LB./FT.                                                                                                                                                                        |                                                               | DEPTH SET                |                                             | HOLE SIZE                                                   |                                                                | CEMENTING RECORD                                                   |             | AMOUNT PULLED |
| 9 5/8"                                                                                                                                                                                                                                                                                                                                                                                                                              |                                            | 40# J-55                                                                                                                                                                              |                                                               | 1170'                    |                                             | 12 1/4"                                                     |                                                                | 495 CL C/CIRC                                                      |             |               |
| 7 5/8"                                                                                                                                                                                                                                                                                                                                                                                                                              |                                            | 29.7# HCP 110                                                                                                                                                                         |                                                               | 11,863'                  |                                             | 8 3/4"                                                      |                                                                | 1490 CL C/ TOC 43'                                                 |             | ECHO          |
| 5 1/2"                                                                                                                                                                                                                                                                                                                                                                                                                              |                                            | 20# ECP 110                                                                                                                                                                           |                                                               | 22,803'                  |                                             | 6 3/4"                                                      |                                                                | 970 CL H/TOC 11,350'                                               |             | CBL           |
|                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                            |                                                                                                                                                                                       |                                                               |                          |                                             |                                                             |                                                                |                                                                    |             |               |
|                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                            |                                                                                                                                                                                       |                                                               |                          |                                             |                                                             |                                                                |                                                                    |             |               |
| 24. LINER RECORD                                                                                                                                                                                                                                                                                                                                                                                                                    |                                            |                                                                                                                                                                                       |                                                               |                          |                                             | 25. TUBING RECORD                                           |                                                                |                                                                    |             |               |
| SIZE                                                                                                                                                                                                                                                                                                                                                                                                                                | TOP                                        | BOTTOM                                                                                                                                                                                | SACKS CEMENT                                                  | SCREEN                   | SIZE                                        | DEPTH SET                                                   | PACKER SET                                                     |                                                                    |             |               |
|                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                            |                                                                                                                                                                                       |                                                               |                          |                                             |                                                             |                                                                |                                                                    |             |               |
|                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                            |                                                                                                                                                                                       |                                                               |                          |                                             |                                                             |                                                                |                                                                    |             |               |
| 26. Perforation record (interval, size, and number)<br><br><b>12,673 - 22,793' 3 1/8", 2100 holes</b>                                                                                                                                                                                                                                                                                                                               |                                            |                                                                                                                                                                                       |                                                               |                          |                                             | 27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.             |                                                                |                                                                    |             |               |
|                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                            |                                                                                                                                                                                       |                                                               |                          |                                             | DEPTH INTERVAL                                              |                                                                | AMOUNT AND KIND MATERIAL USED                                      |             |               |
|                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                            |                                                                                                                                                                                       |                                                               |                          |                                             | 12,673 - 22,793                                             |                                                                | FRAC W/24,226,376 lbs proppant, 378,929 bbls load fld              |             |               |
|                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                            |                                                                                                                                                                                       |                                                               |                          |                                             |                                                             |                                                                |                                                                    |             |               |
|                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                            |                                                                                                                                                                                       |                                                               |                          |                                             |                                                             |                                                                |                                                                    |             |               |
| <b>28. PRODUCTION</b>                                                                                                                                                                                                                                                                                                                                                                                                               |                                            |                                                                                                                                                                                       |                                                               |                          |                                             |                                                             |                                                                |                                                                    |             |               |
| Date First Production<br><b>06/23/2021</b>                                                                                                                                                                                                                                                                                                                                                                                          |                                            | Production Method ( <i>Flowing, gas lift, pumping - Size and type pump</i> )<br><b>Flowing</b>                                                                                        |                                                               |                          |                                             | Well Status ( <i>Prod. or Shut-in</i> )<br><b>Producing</b> |                                                                |                                                                    |             |               |
| Date of Test<br><b>06/28/2021</b>                                                                                                                                                                                                                                                                                                                                                                                                   | Hours Tested<br><b>24</b>                  | Choke Size<br><b>34</b>                                                                                                                                                               | Prod'n For Test Period                                        | Oil - Bbl<br><b>3039</b> | Gas - MCF<br><b>5208</b>                    | Water - Bbl.<br><b>5684</b>                                 | Gas - Oil Ratio<br><b>1714</b>                                 |                                                                    |             |               |
| Flow Tubing Press.                                                                                                                                                                                                                                                                                                                                                                                                                  | Casing Pressure<br><b>3218</b>             | Calculated 24-Hour Rate                                                                                                                                                               | Oil - Bbl.                                                    | Gas - MCF                | Water - Bbl.                                | Oil Gravity - API - ( <i>Corr.</i> )<br><b>44</b>           |                                                                |                                                                    |             |               |
| 29. Disposition of Gas ( <i>Sold, used for fuel, vented, etc.</i> )<br><b>SOLD</b>                                                                                                                                                                                                                                                                                                                                                  |                                            |                                                                                                                                                                                       |                                                               |                          |                                             |                                                             | 30. Test Witnessed By                                          |                                                                    |             |               |
| 31. List Attachments<br><b>C-102, C-104, C-103, Directional Survey, H spacing</b>                                                                                                                                                                                                                                                                                                                                                   |                                            |                                                                                                                                                                                       |                                                               |                          |                                             |                                                             |                                                                |                                                                    |             |               |
| 32. If a temporary pit was used at the well, attach a plat with the location of the temporary pit.                                                                                                                                                                                                                                                                                                                                  |                                            |                                                                                                                                                                                       |                                                               |                          |                                             |                                                             |                                                                |                                                                    |             |               |
| 33. If an on-site burial was used at the well, report the exact location of the on-site burial:<br><br><div style="display: flex; justify-content: space-between;"> <span>Latitude _____</span> <span>Longitude _____</span> <span>NAD 1927 1983</span> </div>                                                                                                                                                                      |                                            |                                                                                                                                                                                       |                                                               |                          |                                             |                                                             |                                                                |                                                                    |             |               |
| I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief<br><div style="display: flex; justify-content: space-between;"> <span>Signature <b>Kay Maddox</b></span> <span>Name <b>Kay Maddox</b></span> <span>Title <b>Senior Regulatory Specialist</b></span> <span>Date <b>06/30/2021</b></span> </div> E-mail Address <b>kay_maddox@eogresources.com</b> |                                            |                                                                                                                                                                                       |                                                               |                          |                                             |                                                             |                                                                |                                                                    |             |               |

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

| Southeastern New Mexico |                                 | Northwestern New Mexico |                  |
|-------------------------|---------------------------------|-------------------------|------------------|
| T. Anhy Rustler 1032'   | T. Canyon Brushy 7739'          | T. Ojo Alamo            | T. Penn A "      |
| T. Salt 1439'           | T. Strawn                       | T. Kirtland             | T. Penn. "B"     |
| B. Salt 4987'           | 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 BONE SPRING SAND 10,280' | T. Entrada              |                  |
| T. Wolfcamp 12,348'     | T. 2ND BONE SPRING SAND 10,851' | T. Wingate              |                  |
| T. Penn                 | T. 3RD BONE SPRING SAND 11,918' | 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 |
|------|----|----------------------|-----------|
|      |    |                      |           |

**District I**

1625 N. French Dr., Hobbs, NM 88240  
Phone:(575) 393-6161 Fax:(575) 393-0720

**District II**

811 S. First St., Artesia, NM 88210  
Phone:(575) 748-1283 Fax:(575) 748-9720

**District III**

1000 Rio Brazos Rd., Aztec, NM 87410  
Phone:(505) 334-6178 Fax:(505) 334-6170

**District IV**

1220 S. St Francis Dr., Santa Fe, NM 87505  
Phone:(505) 476-3470 Fax:(505) 476-3462

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

ACKNOWLEDGMENTS

Action 34564

**ACKNOWLEDGMENTS**

|                                                                      |                                                    |
|----------------------------------------------------------------------|----------------------------------------------------|
| Operator:<br>EOG RESOURCES INC<br>P.O. Box 2267<br>Midland, TX 79702 | OGRID:<br>7377                                     |
|                                                                      | Action Number:<br>34564                            |
|                                                                      | Action Type:<br>[C-104] Completion Packet (C-104C) |

**ACKNOWLEDGMENTS**

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

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CONDITIONS

Action 34564

CONDITIONS

|                                                                      |                                                    |
|----------------------------------------------------------------------|----------------------------------------------------|
| Operator:<br>EOG RESOURCES INC<br>P.O. Box 2267<br>Midland, TX 79702 | OGRID:<br>7377                                     |
|                                                                      | Action Number:<br>34564                            |
|                                                                      | Action Type:<br>[C-104] Completion Packet (C-104C) |

CONDITIONS

|            |           |                |
|------------|-----------|----------------|
| Created By | Condition | Condition Date |
| ksimmons   | None      | 8/20/2021      |