

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 05/01/2021 |
| <sup>4</sup> API Number<br>30 - 025-47970                                                          | <sup>5</sup> Pool Name<br>WC025 G08 S253235G: LOWER BONE SPRING | <sup>6</sup> Pool Code<br>97903                                      |
| <sup>7</sup> Property Code<br>325949                                                               | <sup>8</sup> Property Name<br>VALIANT 24 FEDERAL COM            | <sup>9</sup> Well Number<br>508H                                     |

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

|                    |               |                 |              |         |                       |                           |                       |                        |               |
|--------------------|---------------|-----------------|--------------|---------|-----------------------|---------------------------|-----------------------|------------------------|---------------|
| Ul or lot no.<br>K | Section<br>24 | Township<br>25S | Range<br>32E | Lot Idn | Feet from the<br>2087 | North/South Line<br>SOUTH | Feet from the<br>2154 | East/West line<br>WEST | County<br>LEA |
|--------------------|---------------|-----------------|--------------|---------|-----------------------|---------------------------|-----------------------|------------------------|---------------|

<sup>11</sup> Bottom Hole Location

|                        |                                                |                                   |                                   |         |                                    |                           |                                     |                        |               |
|------------------------|------------------------------------------------|-----------------------------------|-----------------------------------|---------|------------------------------------|---------------------------|-------------------------------------|------------------------|---------------|
| UL or lot no.<br>N     | Section<br>25                                  | Township<br>25S                   | Range<br>32E                      | Lot Idn | Feet from the<br>110               | North/South line<br>SOUTH | Feet from the<br>1364               | East/West line<br>WEST | County<br>LEA |
| <sup>12</sup> Lse Code | <sup>13</sup> Producing Method Code<br>FLOWING | <sup>14</sup> Gas Connection Date | <sup>15</sup> C-129 Permit Number |         | <sup>16</sup> C-129 Effective Date |                           | <sup>17</sup> C-129 Expiration Date |                        |               |

III. Oil and Gas Transporters

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

IV. Well Completion Data

|                                       |                                        |                                    |                               |                                              |                               |
|---------------------------------------|----------------------------------------|------------------------------------|-------------------------------|----------------------------------------------|-------------------------------|
| <sup>21</sup> Spud Date<br>12/09/2020 | <sup>22</sup> Ready Date<br>05/01/2021 | <sup>23</sup> TD<br>18,205'        | <sup>24</sup> PBTD<br>18,178' | <sup>25</sup> Perforations<br>11,030-18,178' | <sup>26</sup> DHC, MC         |
| <sup>27</sup> Hole Size               |                                        | <sup>28</sup> Casing & Tubing Size | <sup>29</sup> Depth Set       |                                              | <sup>30</sup> Sacks Cement    |
| 16"                                   |                                        | 13 3/8"                            | 1025'                         |                                              | 835 SXS CL C/CIRC             |
| 12 1/4"                               |                                        | 9 5/8"                             | 4845'                         |                                              | 1410 SXS CL C/CIRC            |
| 8 1/2"                                |                                        | 5 1/2"                             | 18,187'                       |                                              | 2390 SXS CL C&H TOC 7670' CBL |
|                                       |                                        |                                    |                               |                                              |                               |

V. Well Test Data

|                                          |                                               |                                       |                                     |                             |                                    |
|------------------------------------------|-----------------------------------------------|---------------------------------------|-------------------------------------|-----------------------------|------------------------------------|
| <sup>31</sup> Date New Oil<br>05/01/2021 | <sup>32</sup> Gas Delivery Date<br>05/10/2021 | <sup>33</sup> Test Date<br>05/10/2021 | <sup>34</sup> Test Length<br>24 HRS | <sup>35</sup> Tbg. Pressure | <sup>36</sup> Csg. Pressure<br>722 |
| <sup>37</sup> Choke Size<br>68           | <sup>38</sup> Oil<br>2470                     | <sup>39</sup> Water<br>6754           | <sup>40</sup> Gas<br>4001           |                             | <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:<br>PATRICIA MARTINEZ |  |
| Title:<br>SENIOR REGULATORY SPECIALIST                                                                                                                                                                                               |                        | Title:<br>PETROLEUM SPECIALIST    |  |
| E-mail Address:<br>kay_maddox@eogresources.com                                                                                                                                                                                       |                        | Approval Date:<br>8/30/2021       |  |
| Date:<br>05/13/2021                                                                                                                                                                                                                  | 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- 47970</b> | <sup>2</sup> Pool Code<br><b>97903</b>                   | <sup>3</sup> Pool Name<br><b>WC025 G08 S253235G; LOWER BONE SPRING</b> |
| <sup>4</sup> Property Code<br><b>325949</b>     | <sup>5</sup> Property Name<br><b>VALIANT 24 FED COM</b>  | <sup>6</sup> Well Number<br><b>508H</b>                                |
| <sup>7</sup> OGRID No.<br><b>7377</b>           | <sup>8</sup> Operator Name<br><b>EOG RESOURCES, INC.</b> | <sup>9</sup> Elevation<br><b>3457'</b>                                 |

<sup>10</sup>Surface Location

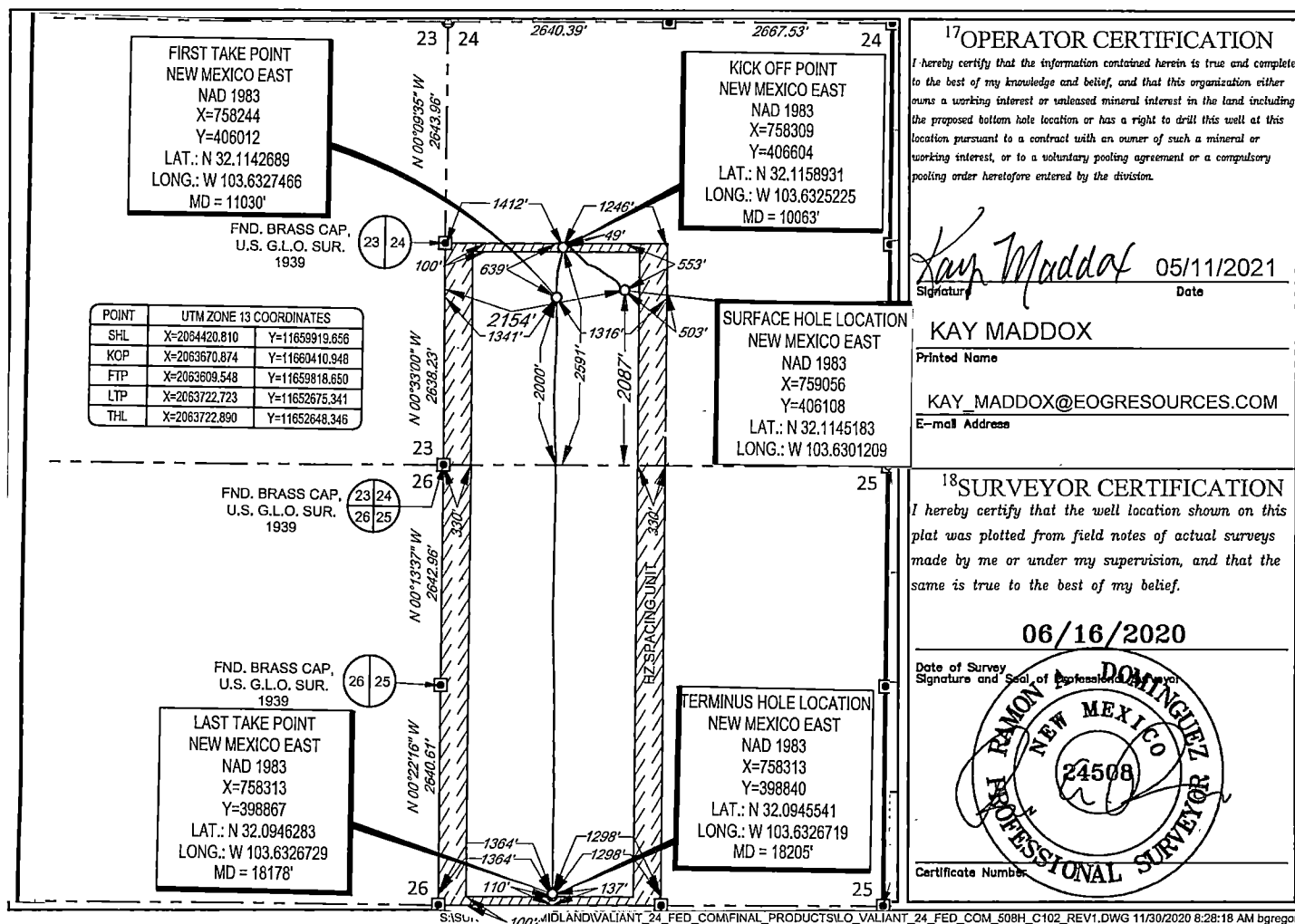
| UL or lot no. | Section   | Township    | Range       | Lot Idn  | Feet from the | North/South line | Feet from the | East/West line | County     |
|---------------|-----------|-------------|-------------|----------|---------------|------------------|---------------|----------------|------------|
| <b>K</b>      | <b>24</b> | <b>25-S</b> | <b>32-E</b> | <b>-</b> | <b>2087'</b>  | <b>SOUTH</b>     | <b>2154'</b>  | <b>WEST</b>    | <b>LEA</b> |

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

| UL or lot no. | Section   | Township    | Range       | Lot Idn  | Feet from the | North/South line | Feet from the | East/West line | County     |
|---------------|-----------|-------------|-------------|----------|---------------|------------------|---------------|----------------|------------|
| <b>N</b>      | <b>25</b> | <b>25-S</b> | <b>32-E</b> | <b>-</b> | <b>110'</b>   | <b>SOUTH</b>     | <b>1364'</b>  | <b>WEST</b>    | <b>LEA</b> |

|                                                |                               |                                  |                         |
|------------------------------------------------|-------------------------------|----------------------------------|-------------------------|
| <sup>12</sup> Dedicated Acres<br><b>480.00</b> | <sup>13</sup> Joint or Infill | <sup>14</sup> Consolidation Code | <sup>15</sup> Order No. |
|------------------------------------------------|-------------------------------|----------------------------------|-------------------------|

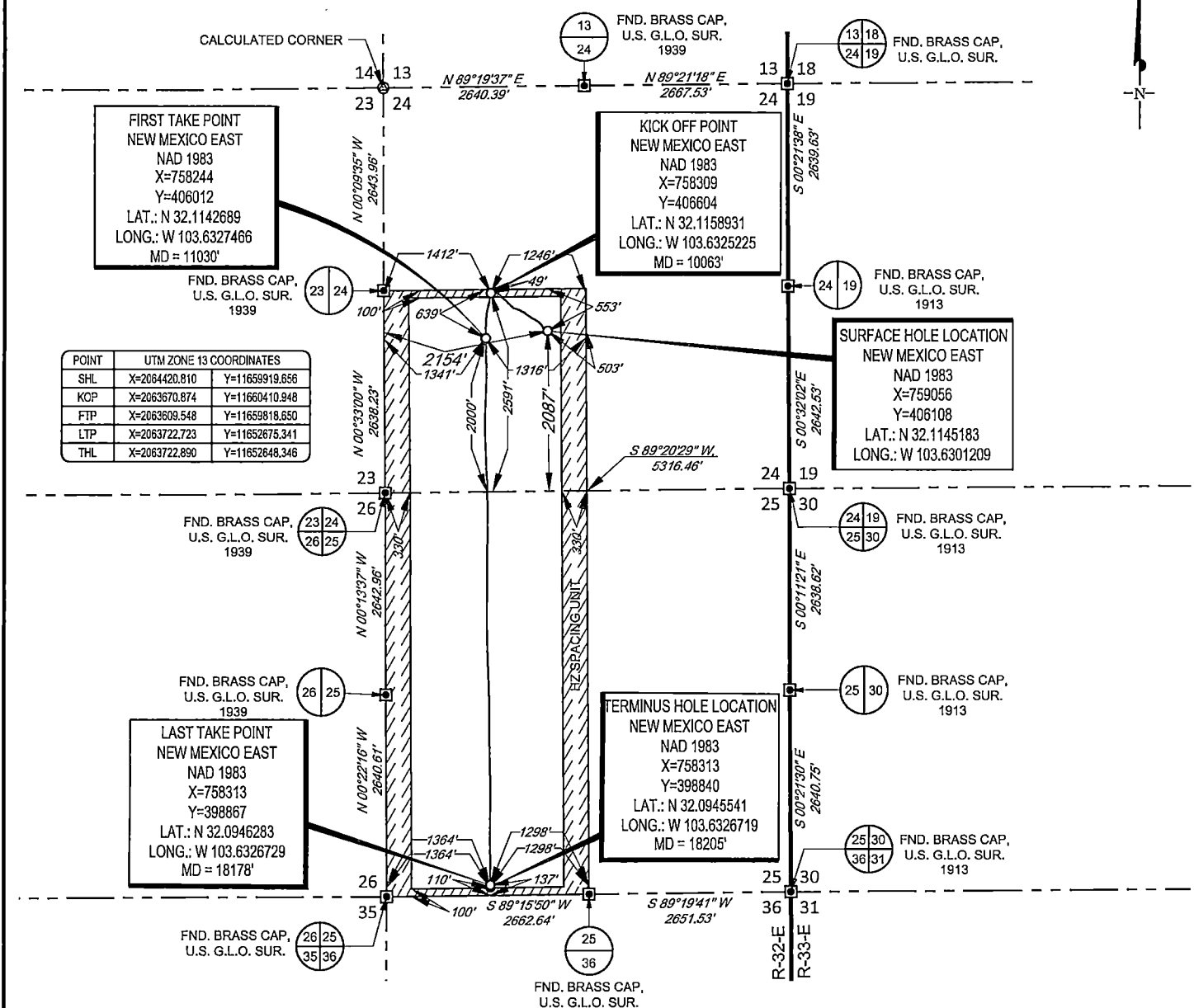
No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.



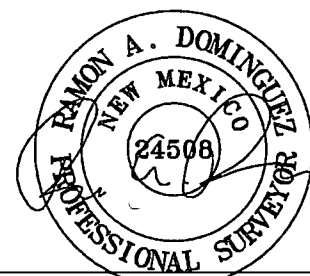
SECTION 24, TOWNSHIP 25-S, RANGE 32-E, N.M.P.M.  
LEA COUNTY, NEW MEXICO

SCALE: 1" = 2000'

0' 1000' 2000'


**TOPOGRAPHIC**  
 LOYALTY INNOVATION LEGACY

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

**Geog resources, Inc.**


Ramon A. Dominguez, P.S. No. 24508

APRIL 13, 2021

|                                           |           |                                                                                                                                                                                                                                                                                                                                                                                      |
|-------------------------------------------|-----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| VALIANT 24 FED COM<br>508H<br>AS-COMPLETE | REVISION: | NOTES:                                                                                                                                                                                                                                                                                                                                                                               |
| DATE: 04/13/2021                          |           | 1. ORIGINAL DOCUMENT SIZE: 8.5" X 11"                                                                                                                                                                                                                                                                                                                                                |
| FILE: AD_VALIANT_24_FED_COM_508H          |           | 2. ALL BEARINGS, DISTANCES, AND COORDINATE VALUES CONTAINED HEREIN ARE GRID BASED UPON THE NEW MEXICO COORDINATE SYSTEM OF 1983, EAST ZONE, U.S. SURVEY FEET.                                                                                                                                                                                                                        |
| DRAWN BY: IMU                             |           | 3. THIS WELL LOCATION SHOWN HEREON HAS BEEN SURVEYED ON THE GROUND UNDER MY SUPERVISION AND PREPARED ACCORDING TO THE EVIDENCE FOUND AT THE TIME OF SURVEY, AND DATA PROVIDED BY EOG RESOURCES, INC. THIS CERTIFICATION IS MADE AND LIMITED TO THOSE PERSONS OR ENTITIES SHOWN ON THE FACE OF THIS PLAT AND IS NON-TRANSFERABLE. THIS SURVEY IS CERTIFIED FOR THIS TRANSACTION ONLY. |
| SHEET: 1 OF 1                             |           | 4. ADJOINER INFORMATION SHOWN FOR INFORMATIONAL PURPOSES ONLY.                                                                                                                                                                                                                                                                                                                       |

S:\SURVEY\EOG\_MIDLAND\VALIANT\_24\_FED\_COM\FINAL\_PRODUCTS\AD\_VALIANT\_24\_FED\_COM\_508H.DWG 4/19/2021 11:14:29 AM rdominguez



## **EOG Resources - Midland**

Lea County, NM (NAD 83 NME)

Valiant 24 Fed Com

#508H

OH

Design: OH

## **Midland PVA**

20 January, 2021



## EOG Resources

Midland PVA

|                  |                             |                                     |                       |
|------------------|-----------------------------|-------------------------------------|-----------------------|
| <b>Company:</b>  | EOG Resources - Midland     | <b>Local Co-ordinate Reference:</b> | Well #508H            |
| <b>Project:</b>  | Lea County, NM (NAD 83 NME) | <b>TVD Reference:</b>               | KB = 26' @ 3483.0usft |
| <b>Site:</b>     | Valiant 24 Fed Com          | <b>MD Reference:</b>                | KB = 26' @ 3483.0usft |
| <b>Well:</b>     | #508H                       | <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>                  | Valiant 24 Fed Com |                          |                   |
| <b>Site Position:</b>        |                    | <b>Northing:</b>         | 406,151.00 usft   |
| <b>From:</b>                 | Map                | <b>Easting:</b>          | 760,107.00 usft   |
| <b>Position Uncertainty:</b> | 0.0 usft           | <b>Slot Radius:</b>      | 13-3/16 "         |
|                              |                    | <b>Latitude:</b>         | 32° 6' 52.620 N   |
|                              |                    | <b>Longitude:</b>        | 103° 37' 36.212 W |
|                              |                    | <b>Grid Convergence:</b> | 0.38 °            |

|                      |       |          |                     |                 |               |                   |
|----------------------|-------|----------|---------------------|-----------------|---------------|-------------------|
| Well                 |       | #508H    |                     |                 |               |                   |
| Well Position        | +N/-S | 0.0 usft | Northing:           | 406,108.00 usft | Latitude:     | 32° 6' 52.263 N   |
|                      | +E/-W | 0.0 usft | Easting:            | 759,056.00 usft | Longitude:    | 103° 37' 48.435 W |
| Position Uncertainty |       | 0.0 usft | Wellhead Elevation: | usft            | Ground Level: | 3,457.0 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          | 1/9/2021           | 6.61                   | 59.81                | 47,467.47423338            |

|                          |                                |                     |                     |                          |
|--------------------------|--------------------------------|---------------------|---------------------|--------------------------|
| <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                 | 185.90                   |

|                       |                  |                          |                  |                    |
|-----------------------|------------------|--------------------------|------------------|--------------------|
| <b>Survey Program</b> | <b>Date</b>      | 1/20/2021                |                  |                    |
| <b>From (usft)</b>    | <b>To (usft)</b> | <b>Survey (Wellbore)</b> | <b>Tool Name</b> | <b>Description</b> |
| 160.0                 | 18,205.0         | Total MWD (OH)           | EOG MWD+IFR1     | MWD + IFR1         |



## EOG Resources

Midland PVA

|                  |                             |                                     |                       |
|------------------|-----------------------------|-------------------------------------|-----------------------|
| <b>Company:</b>  | EOG Resources - Midland     | <b>Local Co-ordinate Reference:</b> | Well #508H            |
| <b>Project:</b>  | Lea County, NM (NAD 83 NME) | <b>TVD Reference:</b>               | KB = 26' @ 3483.0usft |
| <b>Site:</b>     | Valiant 24 Fed Com          | <b>MD Reference:</b>                | KB = 26' @ 3483.0usft |
| <b>Well:</b>     | #508H                       | <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                     |  |
| 160.0        | 0.48       | 118.05               | 160.0         | -0.3          | 0.6           | 0.30                | 0.30                 | 0.00                | -0.7                   | 0.0                     |  |
| 248.0        | 0.26       | 124.29               | 248.0         | -0.6          | 1.1           | 0.25                | -0.25                | 7.09                | -1.2                   | 0.1                     |  |
| 425.0        | 0.88       | 195.40               | 425.0         | -2.1          | 1.1           | 0.47                | 0.35                 | 40.18               | -1.8                   | 1.6                     |  |
| 512.0        | 1.19       | 194.08               | 512.0         | -3.7          | 0.7           | 0.36                | 0.36                 | -1.52               | -3.4                   | 1.5                     |  |
| 602.0        | 1.19       | 191.00               | 602.0         | -5.5          | 0.2           | 0.07                | 0.00                 | -3.42               | -5.3                   | 1.3                     |  |
| 790.0        | 2.15       | 202.61               | 789.9         | -10.7         | -1.5          | 0.54                | 0.51                 | 6.18                | -10.4                  | 2.7                     |  |
| 884.0        | 3.82       | 216.67               | 883.7         | -14.8         | -4.0          | 1.93                | 1.78                 | 14.96               | -14.3                  | 5.6                     |  |
| 978.0        | 4.18       | 220.62               | 977.5         | -19.9         | -8.1          | 0.48                | 0.38                 | 4.20                | -20.4                  | 6.8                     |  |
| 1,081.0      | 3.96       | 219.14               | 1,080.3       | -25.5         | -12.8         | 0.24                | -0.21                | -1.44               | -27.9                  | 6.3                     |  |
| 1,144.0      | 2.59       | 241.99               | 1,143.2       | -27.9         | -15.4         | 2.96                | -2.17                | 36.27               | -26.0                  | 18.7                    |  |
| 1,238.0      | 4.92       | 323.99               | 1,237.0       | -25.6         | -19.7         | 5.56                | 2.48                 | 87.23               | 14.8                   | 28.9                    |  |
| 1,332.0      | 7.43       | 331.02               | 1,330.4       | -17.0         | -25.0         | 2.78                | 2.67                 | 7.48                | 14.9                   | 23.8                    |  |
| 1,426.0      | 10.59      | 329.53               | 1,423.3       | -4.3          | -32.3         | 3.37                | 3.36                 | -1.59               | 9.1                    | 19.4                    |  |
| 1,521.0      | 11.03      | 330.32               | 1,516.6       | 11.2          | -41.3         | 0.49                | 0.46                 | 0.83                | 3.7                    | 13.2                    |  |
| 1,709.0      | 9.49       | 330.94               | 1,701.6       | 40.3          | -57.7         | 0.82                | -0.82                | 0.33                | -4.8                   | 0.5                     |  |
| 1,898.0      | 8.44       | 331.02               | 1,888.3       | 66.1          | -72.0         | 0.56                | -0.56                | 0.04                | -9.3                   | -12.5                   |  |
| 2,086.0      | 9.36       | 317.49               | 2,074.0       | 89.4          | -89.0         | 1.21                | 0.49                 | -7.20               | -7.7                   | -24.3                   |  |
| 2,181.0      | 9.54       | 315.38               | 2,167.7       | 100.7         | -99.8         | 0.41                | 0.19                 | -2.22               | -8.6                   | -27.8                   |  |
| 2,275.0      | 9.32       | 312.74               | 2,260.5       | 111.4         | -110.8        | 0.52                | -0.23                | -2.81               | -8.9                   | -30.8                   |  |
| 2,369.0      | 10.20      | 299.47               | 2,353.1       | 120.7         | -123.7        | 2.56                | 0.94                 | -14.12              | -3.5                   | -32.7                   |  |
| 2,463.0      | 9.93       | 299.12               | 2,445.7       | 128.7         | -138.0        | 0.29                | -0.29                | -0.37               | -5.8                   | -31.7                   |  |
| 2,558.0      | 9.54       | 299.03               | 2,539.3       | 136.5         | -152.0        | 0.41                | -0.41                | -0.09               | -7.8                   | -30.7                   |  |
| 2,652.0      | 9.23       | 299.38               | 2,632.0       | 144.0         | -165.4        | 0.34                | -0.33                | 0.37                | -9.3                   | -29.6                   |  |
| 2,746.0      | 8.92       | 300.26               | 2,724.9       | 151.4         | -178.3        | 0.36                | -0.33                | 0.94                | -10.6                  | -28.5                   |  |
| 2,840.0      | 8.53       | 303.60               | 2,817.8       | 158.9         | -190.4        | 0.68                | -0.41                | 3.55                | -12.5                  | -27.5                   |  |
| 2,935.0      | 8.22       | 306.59               | 2,911.8       | 166.9         | -201.7        | 0.56                | -0.33                | 3.15                | -13.6                  | -27.2                   |  |



## EOG Resources

Midland PVA

|                  |                             |                                     |                       |
|------------------|-----------------------------|-------------------------------------|-----------------------|
| <b>Company:</b>  | EOG Resources - Midland     | <b>Local Co-ordinate Reference:</b> | Well #508H            |
| <b>Project:</b>  | Lea County, NM (NAD 83 NME) | <b>TVD Reference:</b>               | KB = 26' @ 3483.0usft |
| <b>Site:</b>     | Valiant 24 Fed Com          | <b>MD Reference:</b>                | KB = 26' @ 3483.0usft |
| <b>Well:</b>     | #508H                       | <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) |
| 3,029.0      | 7.65       | 308.79               | 3,004.9       | 174.8         | -212.0        | 0.69                | -0.61                | 2.34                | -13.7                  | -27.7                   |
| 3,123.0      | 8.31       | 305.36               | 3,098.0       | 182.6         | -222.4        | 0.87                | 0.70                 | -3.65               | -11.0                  | -29.3                   |
| 3,217.0      | 10.64      | 301.84               | 3,190.7       | 191.2         | -235.3        | 2.55                | 2.48                 | -3.74               | -10.7                  | -29.9                   |
| 3,311.0      | 10.15      | 302.55               | 3,283.1       | 200.2         | -249.6        | 0.54                | -0.52                | 0.76                | -14.1                  | -29.4                   |
| 3,406.0      | 9.67       | 301.23               | 3,376.7       | 208.8         | -263.5        | 0.56                | -0.51                | -1.39               | -15.7                  | -29.4                   |
| 3,500.0      | 8.62       | 303.43               | 3,469.5       | 216.8         | -276.1        | 1.18                | -1.12                | 2.34                | -17.7                  | -28.4                   |
| 3,594.0      | 7.38       | 308.35               | 3,562.6       | 224.4         | -286.8        | 1.51                | -1.32                | 5.23                | -19.2                  | -27.4                   |
| 3,688.0      | 6.64       | 309.67               | 3,655.9       | 231.6         | -295.7        | 0.81                | -0.79                | 1.40                | -17.4                  | -28.3                   |
| 3,782.0      | 8.22       | 300.44               | 3,749.1       | 238.5         | -305.7        | 2.10                | 1.68                 | -9.82               | -10.7                  | -30.8                   |
| 3,876.0      | 8.18       | 299.38               | 3,842.1       | 245.2         | -317.3        | 0.17                | -0.04                | -1.13               | -9.6                   | -30.2                   |
| 3,971.0      | 8.18       | 298.86               | 3,936.2       | 251.8         | -329.1        | 0.08                | 0.00                 | -0.55               | -8.7                   | -29.2                   |
| 4,065.0      | 8.26       | 300.53               | 4,029.2       | 258.4         | -340.8        | 0.27                | 0.09                 | 1.78                | -9.0                   | -28.0                   |
| 4,159.0      | 7.60       | 299.38               | 4,122.3       | 264.9         | -352.0        | 0.72                | -0.70                | -1.22               | -7.5                   | -27.3                   |
| 4,254.0      | 6.95       | 296.04               | 4,216.5       | 270.5         | -362.6        | 0.82                | -0.68                | -3.52               | -3.9                   | -26.2                   |
| 4,348.0      | 5.85       | 297.01               | 4,310.0       | 275.2         | -372.0        | 1.18                | -1.17                | 1.03                | -0.8                   | -24.5                   |
| 4,442.0      | 6.51       | 291.30               | 4,403.4       | 279.3         | -381.2        | 0.96                | 0.70                 | -6.07               | 5.2                    | -21.9                   |
| 4,537.0      | 9.63       | 288.48               | 4,497.5       | 283.8         | -393.8        | 3.31                | 3.28                 | -2.97               | 6.6                    | -18.3                   |
| 4,631.0      | 8.22       | 285.58               | 4,590.3       | 288.1         | -407.7        | 1.57                | -1.50                | -3.09               | 6.2                    | -14.0                   |
| 4,726.0      | 7.12       | 283.91               | 4,684.5       | 291.3         | -420.0        | 1.18                | -1.16                | -1.76               | 7.3                    | -9.3                    |
| 4,795.0      | 6.11       | 283.83               | 4,753.0       | 293.2         | -427.7        | 1.46                | -1.46                | -0.12               | 9.1                    | -5.8                    |
| 4,914.0      | 4.40       | 279.24               | 4,871.5       | 295.5         | -438.4        | 1.48                | -1.44                | -3.86               | 14.8                   | 1.7                     |
| 5,008.0      | 6.81       | 303.76               | 4,965.1       | 299.2         | -446.6        | 3.56                | 2.56                 | 26.09               | 19.4                   | -3.1                    |
| 5,102.0      | 7.82       | 315.89               | 5,058.3       | 306.8         | -455.6        | 1.96                | 1.07                 | 12.90               | 20.2                   | -8.9                    |
| 5,197.0      | 11.34      | 315.10               | 5,152.0       | 318.1         | -466.7        | 3.71                | 3.71                 | -0.83               | 18.3                   | -11.6                   |
| 5,291.0      | 10.95      | 314.48               | 5,244.2       | 330.9         | -479.6        | 0.43                | -0.41                | -0.66               | 13.9                   | -14.1                   |
| 5,385.0      | 10.02      | 312.37               | 5,336.6       | 342.7         | -492.0        | 1.07                | -0.99                | -2.24               | 11.1                   | -16.1                   |
| 5,479.0      | 9.98       | 311.58               | 5,429.2       | 353.6         | -504.2        | 0.15                | -0.04                | -0.84               | 8.9                    | -18.0                   |



## EOG Resources

Midland PVA

|                  |                             |                                     |                       |
|------------------|-----------------------------|-------------------------------------|-----------------------|
| <b>Company:</b>  | EOG Resources - Midland     | <b>Local Co-ordinate Reference:</b> | Well #508H            |
| <b>Project:</b>  | Lea County, NM (NAD 83 NME) | <b>TVD Reference:</b>               | KB = 26' @ 3483.0usft |
| <b>Site:</b>     | Valiant 24 Fed Com          | <b>MD Reference:</b>                | KB = 26' @ 3483.0usft |
| <b>Well:</b>     | #508H                       | <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) |
| 5,573.0      | 10.33      | 313.60               | 5,521.7       | 364.8         | -516.4        | 0.53                | 0.37                 | 2.15                | 5.4                    | -20.5                   |
| 5,667.0      | 10.64      | 315.89               | 5,614.1       | 376.9         | -528.5        | 0.55                | 0.33                 | 2.44                | 1.1                    | -23.4                   |
| 5,762.0      | 10.02      | 313.87               | 5,707.6       | 388.9         | -540.6        | 0.76                | -0.65                | -2.13               | -1.2                   | -26.2                   |
| 5,856.0      | 9.19       | 313.07               | 5,800.3       | 399.7         | -552.0        | 0.89                | -0.88                | -0.85               | -2.8                   | -28.6                   |
| 5,950.0      | 8.57       | 312.46               | 5,893.2       | 409.5         | -562.6        | 0.67                | -0.66                | -0.65               | -3.2                   | -30.9                   |
| 6,044.0      | 8.57       | 312.55               | 5,986.1       | 419.0         | -572.9        | 0.01                | 0.00                 | 0.10                | -3.4                   | -33.1                   |
| 6,139.0      | 8.35       | 311.32               | 6,080.1       | 428.3         | -583.3        | 0.30                | -0.23                | -1.29               | -2.7                   | -35.2                   |
| 6,234.0      | 8.31       | 311.76               | 6,174.1       | 437.5         | -593.6        | 0.08                | -0.04                | 0.46                | -2.7                   | -37.2                   |
| 6,328.0      | 8.62       | 313.43               | 6,267.0       | 446.8         | -603.8        | 0.42                | 0.33                 | 1.78                | -3.8                   | -39.3                   |
| 6,422.0      | 8.66       | 313.51               | 6,360.0       | 456.5         | -614.1        | 0.04                | 0.04                 | 0.09                | -4.2                   | -41.8                   |
| 6,516.0      | 8.57       | 313.87               | 6,452.9       | 466.3         | -624.2        | 0.11                | -0.10                | 0.38                | -4.8                   | -44.2                   |
| 6,611.0      | 8.09       | 314.13               | 6,546.9       | 475.8         | -634.1        | 0.51                | -0.51                | 0.27                | -4.8                   | -46.8                   |
| 6,705.0      | 8.18       | 315.18               | 6,640.0       | 485.2         | -643.6        | 0.18                | 0.10                 | 1.12                | -5.3                   | -49.4                   |
| 6,799.0      | 6.07       | 294.88               | 6,733.3       | 492.0         | -652.8        | 3.46                | -2.24                | -21.60              | 14.6                   | -48.4                   |
| 6,894.0      | 5.89       | 294.70               | 6,827.7       | 496.2         | -661.8        | 0.19                | -0.19                | -0.19               | 18.9                   | -46.2                   |
| 6,988.0      | 5.85       | 295.32               | 6,921.2       | 500.2         | -670.5        | 0.08                | -0.04                | 0.66                | 22.7                   | -44.4                   |
| 7,082.0      | 6.11       | 290.22               | 7,014.7       | 504.0         | -679.6        | 0.63                | 0.28                 | -5.43               | 30.3                   | -39.4                   |
| 7,177.0      | 6.24       | 287.06               | 7,109.2       | 507.3         | -689.2        | 0.38                | 0.14                 | -3.33               | 33.5                   | -34.7                   |
| 7,271.0      | 5.89       | 287.06               | 7,202.7       | 510.2         | -698.7        | 0.37                | -0.37                | 0.00                | 31.7                   | -32.2                   |
| 7,365.0      | 5.89       | 286.36               | 7,296.2       | 513.0         | -708.0        | 0.08                | 0.00                 | -0.74               | 27.6                   | -30.3                   |
| 7,459.0      | 3.08       | 279.24               | 7,389.9       | 514.7         | -715.1        | 3.04                | -2.99                | -7.57               | 25.9                   | -26.3                   |
| 7,554.0      | 0.62       | 215.08               | 7,484.8       | 514.7         | -717.9        | 3.02                | -2.59                | -67.54              | 33.3                   | 9.7                     |
| 7,648.0      | 0.62       | 163.57               | 7,578.8       | 513.8         | -718.1        | 0.57                | 0.00                 | -54.80              | 12.3                   | 31.7                    |
| 7,742.0      | 0.66       | 189.15               | 7,672.8       | 512.8         | -718.0        | 0.30                | 0.04                 | 27.21               | 23.8                   | 23.5                    |
| 7,836.0      | 0.88       | 192.93               | 7,766.8       | 511.5         | -718.2        | 0.24                | 0.23                 | 4.02                | 24.1                   | 21.9                    |
| 7,931.0      | 0.70       | 184.49               | 7,861.8       | 510.2         | -718.4        | 0.23                | -0.19                | -8.88               | 19.3                   | 25.1                    |
| 8,024.0      | 0.70       | 181.59               | 7,954.8       | 509.1         | -718.5        | 0.04                | 0.00                 | -3.12               | 16.8                   | 26.0                    |





# EOG Resources

Midland PVA

|                  |                             |                                     |                       |
|------------------|-----------------------------|-------------------------------------|-----------------------|
| <b>Company:</b>  | EOG Resources - Midland     | <b>Local Co-ordinate Reference:</b> | Well #508H            |
| <b>Project:</b>  | Lea County, NM (NAD 83 NME) | <b>TVD Reference:</b>               | KB = 26' @ 3483.0usft |
| <b>Site:</b>     | Valiant 24 Fed Com          | <b>MD Reference:</b>                | KB = 26' @ 3483.0usft |
| <b>Well:</b>     | #508H                       | <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) |  |
| 8,119.0                                                                     | 0.70       | 195.48               | 8,049.8       | 508.0         | -718.7        | 0.18                | 0.00                 | 14.62               | 21.5                   | 21.4                    |  |
| 8,213.0                                                                     | 0.66       | 207.43               | 8,143.8       | 506.9         | -719.1        | 0.16                | -0.04                | 12.71               | 24.3                   | 16.6                    |  |
| 8,307.0                                                                     | 0.75       | 212.18               | 8,237.8       | 505.9         | -719.7        | 0.11                | 0.10                 | 5.05                | 24.4                   | 14.6                    |  |
| 8,401.0                                                                     | 1.05       | 205.23               | 8,331.7       | 504.6         | -720.4        | 0.34                | 0.32                 | -7.39               | 21.0                   | 17.3                    |  |
| 8,496.0                                                                     | 1.05       | 202.16               | 8,426.7       | 503.0         | -721.1        | 0.06                | 0.00                 | -3.23               | 18.3                   | 18.4                    |  |
| 8,590.0                                                                     | 1.32       | 198.73               | 8,520.7       | 501.2         | -721.7        | 0.30                | 0.29                 | -3.65               | 15.3                   | 19.4                    |  |
| 8,684.0                                                                     | 1.36       | 202.16               | 8,614.7       | 499.2         | -722.5        | 0.10                | 0.04                 | 3.65                | 14.2                   | 18.5                    |  |
| 8,778.0                                                                     | 1.41       | 205.94               | 8,708.7       | 497.1         | -723.4        | 0.11                | 0.05                 | 4.02                | 13.1                   | 17.6                    |  |
| 8,872.0                                                                     | 1.41       | 212.88               | 8,802.6       | 495.1         | -724.6        | 0.18                | 0.00                 | 7.38                | 12.8                   | 16.0                    |  |
| 8,967.0                                                                     | 1.27       | 207.34               | 8,897.6       | 493.2         | -725.7        | 0.20                | -0.15                | -5.83               | 9.0                    | 17.1                    |  |
| 9,156.0                                                                     | 1.10       | 251.64               | 9,086.6       | 490.7         | -728.4        | 0.48                | -0.09                | 23.44               | 15.1                   | 7.4                     |  |
| 9,249.0                                                                     | 0.88       | 271.41               | 9,179.6       | 490.5         | -729.9        | 0.43                | -0.24                | 21.26               | 15.1                   | 2.2                     |  |
| 9,344.0                                                                     | 1.01       | 310.09               | 9,274.5       | 491.0         | -731.3        | 0.67                | 0.14                 | 40.72               | 11.8                   | -7.3                    |  |
| 9,439.0                                                                     | 1.36       | 292.60               | 9,369.5       | 492.0         | -733.0        | 0.53                | 0.37                 | -18.41              | 11.5                   | -3.7                    |  |
| 9,533.0                                                                     | 1.71       | 294.62               | 9,463.5       | 493.0         | -735.3        | 0.38                | 0.37                 | 2.15                | 8.8                    | -4.1                    |  |
| 9,627.0                                                                     | 1.23       | 298.31               | 9,557.5       | 494.1         | -737.4        | 0.52                | -0.51                | 3.93                | 6.1                    | -4.5                    |  |
| 9,722.0                                                                     | 0.84       | 299.19               | 9,652.4       | 494.9         | -738.9        | 0.41                | -0.41                | 0.93                | 4.4                    | -4.6                    |  |
| 9,816.0                                                                     | 1.41       | 285.12               | 9,746.4       | 495.5         | -740.7        | 0.67                | 0.61                 | -14.97              | 3.5                    | -3.6                    |  |
| 9,911.0                                                                     | 1.80       | 280.20               | 9,841.4       | 496.1         | -743.3        | 0.44                | 0.41                 | -5.18               | 1.2                    | -3.4                    |  |
| 10,005.0                                                                    | 1.27       | 252.34               | 9,935.4       | 496.1         | -745.7        | 0.96                | -0.56                | -29.64              | 0.3                    | -3.1                    |  |
| 10,039.0                                                                    | 1.05       | 247.51               | 9,969.3       | 495.8         | -746.4        | 0.71                | -0.65                | -14.21              | -0.2                   | -3.1                    |  |
| 10,063.0                                                                    | 2.36       | 208.16               | 9,993.3       | 495.3         | -746.8        | 7.04                | 5.48                 | -163.96             | 1.2                    | -2.7                    |  |
| KOP, MD:10063.0', TVD:9993.3', N/S:495.3', E/W:-746.8', INC:2.36            |            |                      |               |               |               |                     |                      |                     |                        |                         |  |
| 10,133.0                                                                    | 7.16       | 192.40               | 10,063.1      | 489.8         | -748.4        | 7.04                | 6.85                 | -22.51              | -2.8                   | -2.8                    |  |
| 10,227.0                                                                    | 14.24      | 186.51               | 10,155.4      | 472.5         | -751.0        | 7.61                | 7.53                 | -6.27               | -6.3                   | -4.1                    |  |
| 10,318.9                                                                    | 22.28      | 187.63               | 10,242.6      | 444.0         | -754.6        | 8.75                | 8.74                 | 1.22                | -7.2                   | -5.2                    |  |
| FTP Crossing, MD:10318.9', TVD:10242.6', N/S:444.0', E/W:-754.6', INC:22.28 |            |                      |               |               |               |                     |                      |                     |                        |                         |  |



## EOG Resources

Midland PVA

|                  |                             |                                     |                       |
|------------------|-----------------------------|-------------------------------------|-----------------------|
| <b>Company:</b>  | EOG Resources - Midland     | <b>Local Co-ordinate Reference:</b> | Well #508H            |
| <b>Project:</b>  | Lea County, NM (NAD 83 NME) | <b>TVD Reference:</b>               | KB = 26' @ 3483.0usft |
| <b>Site:</b>     | Valiant 24 Fed Com          | <b>MD Reference:</b>                | KB = 26' @ 3483.0usft |
| <b>Well:</b>     | #508H                       | <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) |
| 10,321.0     | 22.46      | 187.65               | 10,244.5      | 443.2         | -754.7        | 8.75                | 8.75                 | 0.79                | -7.2                   | -5.3                    |
| 10,416.0     | 29.27      | 193.28               | 10,330.0      | 402.6         | -762.4        | 7.61                | 7.17                 | 5.93                | -5.4                   | -9.4                    |
| 10,510.0     | 36.31      | 194.16               | 10,408.9      | 353.1         | -774.6        | 7.51                | 7.49                 | 0.94                | 0.6                    | -18.4                   |
| 10,604.0     | 44.31      | 192.66               | 10,480.6      | 294.0         | -788.6        | 8.57                | 8.51                 | -1.60               | 10.3                   | -28.5                   |
| 10,654.0     | 47.60      | 190.99               | 10,515.3      | 258.9         | -795.9        | 7.00                | 6.58                 | -3.34               | 17.1                   | -33.1                   |
| 10,697.0     | 55.12      | 187.48               | 10,542.2      | 225.7         | -801.3        | 18.61               | 17.49                | -8.16               | 23.2                   | -35.1                   |
| 10,792.0     | 72.97      | 183.79               | 10,583.6      | 141.1         | -809.4        | 19.11               | 18.79                | -3.88               | 24.5                   | -35.6                   |
| 10,814.0     | 77.63      | 181.85               | 10,589.2      | 119.8         | -810.4        | 22.83               | 21.18                | -8.82               | 22.6                   | -34.8                   |
| 10,887.0     | 84.84      | 181.33               | 10,600.3      | 47.7          | -812.4        | 9.90                | 9.88                 | -0.71               | 13.7                   | -31.1                   |
| 10,981.0     | 86.81      | 179.48               | 10,607.1      | -46.0         | -813.1        | 2.87                | 2.10                 | -1.97               | 8.1                    | -24.1                   |
| 11,075.0     | 89.27      | 178.78               | 10,610.3      | -139.9        | -811.7        | 2.72                | 2.62                 | -0.74               | 9.9                    | -16.3                   |
| 11,170.0     | 92.40      | 178.78               | 10,609.0      | -234.9        | -809.7        | 3.29                | 3.29                 | 0.00                | 7.6                    | -12.3                   |
| 11,264.0     | 92.53      | 178.34               | 10,604.9      | -328.8        | -807.3        | 0.49                | 0.14                 | -0.47               | 2.8                    | -10.6                   |
| 11,358.0     | 92.75      | 177.72               | 10,600.6      | -422.6        | -804.1        | 0.70                | 0.23                 | -0.66               | -2.4                   | -8.0                    |
| 11,452.0     | 91.30      | 180.10               | 10,597.3      | -516.5        | -802.3        | 2.96                | -1.54                | 2.53                | -6.5                   | -6.8                    |
| 11,546.0     | 89.32      | 180.97               | 10,596.8      | -610.5        | -803.2        | 2.30                | -2.11                | 0.93                | -7.8                   | -8.3                    |
| 11,641.0     | 89.80      | 180.97               | 10,597.5      | -705.5        | -804.8        | 0.51                | 0.51                 | 0.00                | -7.9                   | -10.5                   |
| 11,735.0     | 89.85      | 181.50               | 10,597.8      | -799.5        | -806.8        | 0.57                | 0.05                 | 0.56                | -8.4                   | -13.2                   |
| 11,829.0     | 90.77      | 181.85               | 10,597.3      | -893.4        | -809.5        | 1.05                | 0.98                 | 0.37                | -9.7                   | -16.6                   |
| 11,923.0     | 89.63      | 182.29               | 10,596.9      | -987.4        | -812.9        | 1.30                | -1.21                | 0.47                | -10.9                  | -20.6                   |
| 12,018.0     | 89.76      | 182.56               | 10,597.4      | -1,082.3      | -817.0        | 0.32                | 0.14                 | 0.28                | -11.2                  | -25.2                   |
| 12,112.0     | 88.53      | 181.06               | 10,598.8      | -1,176.2      | -819.9        | 2.06                | -1.31                | -1.60               | -10.6                  | -28.8                   |
| 12,206.0     | 88.00      | 179.04               | 10,601.7      | -1,270.2      | -820.0        | 2.22                | -0.56                | -2.15               | -8.6                   | -29.5                   |
| 12,300.0     | 88.22      | 178.78               | 10,604.8      | -1,364.1      | -818.2        | 0.36                | 0.23                 | -0.28               | -6.3                   | -28.4                   |
| 12,395.0     | 88.44      | 178.43               | 10,607.6      | -1,459.0      | -815.9        | 0.44                | 0.23                 | -0.37               | -4.3                   | -26.7                   |
| 12,489.0     | 88.26      | 177.72               | 10,610.3      | -1,552.9      | -812.7        | 0.78                | -0.19                | -0.76               | -2.4                   | -24.2                   |
| 12,583.0     | 88.04      | 177.46               | 10,613.3      | -1,646.8      | -808.8        | 0.36                | -0.23                | -0.28               | -0.2                   | -20.8                   |



## EOG Resources

Midland PVA

|                  |                             |                                     |                       |
|------------------|-----------------------------|-------------------------------------|-----------------------|
| <b>Company:</b>  | EOG Resources - Midland     | <b>Local Co-ordinate Reference:</b> | Well #508H            |
| <b>Project:</b>  | Lea County, NM (NAD 83 NME) | <b>TVD Reference:</b>               | KB = 26' @ 3483.0usft |
| <b>Site:</b>     | Valiant 24 Fed Com          | <b>MD Reference:</b>                | KB = 26' @ 3483.0usft |
| <b>Well:</b>     | #508H                       | <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) |  |
| 12,677.0     | 89.98      | 177.28               | 10,614.9      | -1,740.7      | -804.5        | 2.07                | 2.06                 | -0.19               | 0.6                    | -17.2                   |  |
| 12,771.0     | 90.37      | 176.84               | 10,614.6      | -1,834.6      | -799.7        | 0.63                | 0.41                 | -0.47               | -0.5                   | -13.0                   |  |
| 12,866.0     | 90.90      | 178.34               | 10,613.6      | -1,929.5      | -795.7        | 1.67                | 0.56                 | 1.58                | -2.4                   | -9.6                    |  |
| 12,960.0     | 91.91      | 178.43               | 10,611.3      | -2,023.4      | -793.0        | 1.08                | 1.07                 | 0.10                | -5.3                   | -7.6                    |  |
| 13,054.0     | 90.73      | 178.95               | 10,609.1      | -2,117.4      | -790.9        | 1.37                | -1.26                | 0.55                | -8.0                   | -6.0                    |  |
| 13,148.0     | 91.56      | 179.13               | 10,607.2      | -2,211.3      | -789.3        | 0.90                | 0.88                 | 0.19                | -10.4                  | -5.1                    |  |
| 13,242.0     | 89.27      | 179.39               | 10,606.6      | -2,305.3      | -788.1        | 2.45                | -2.44                | 0.28                | -11.6                  | -4.5                    |  |
| 13,337.0     | 89.89      | 179.39               | 10,607.3      | -2,400.3      | -787.1        | 0.65                | 0.65                 | 0.00                | -11.4                  | -4.1                    |  |
| 13,431.0     | 90.20      | 180.45               | 10,607.2      | -2,494.3      | -786.9        | 1.17                | 0.33                 | 1.13                | -12.0                  | -4.6                    |  |
| 13,526.0     | 90.37      | 180.36               | 10,606.7      | -2,589.3      | -787.6        | 0.20                | 0.18                 | -0.09               | -13.1                  | -5.9                    |  |
| 13,620.0     | 91.08      | 180.62               | 10,605.5      | -2,683.3      | -788.4        | 0.80                | 0.76                 | 0.28                | -14.8                  | -7.3                    |  |
| 13,715.0     | 89.89      | 180.53               | 10,604.7      | -2,778.3      | -789.4        | 1.26                | -1.25                | -0.09               | -16.1                  | -8.9                    |  |
| 13,810.0     | 88.57      | 179.74               | 10,606.0      | -2,873.3      | -789.6        | 1.62                | -1.39                | -0.83               | -15.4                  | -9.7                    |  |
| 13,904.0     | 89.93      | 179.83               | 10,607.2      | -2,967.2      | -789.2        | 1.45                | 1.45                 | 0.10                | -14.7                  | -10.0                   |  |
| 13,998.0     | 87.78      | 180.45               | 10,609.1      | -3,061.2      | -789.5        | 2.38                | -2.29                | 0.66                | -13.3                  | -10.8                   |  |
| 14,093.0     | 88.00      | 180.80               | 10,612.6      | -3,156.2      | -790.5        | 0.43                | 0.23                 | 0.37                | -10.4                  | -12.5                   |  |
| 14,187.0     | 89.05      | 180.53               | 10,615.0      | -3,250.1      | -791.6        | 1.15                | 1.12                 | -0.29               | -8.5                   | -14.2                   |  |
| 14,282.0     | 89.41      | 180.18               | 10,616.3      | -3,345.1      | -792.2        | 0.53                | 0.38                 | -0.37               | -7.8                   | -15.4                   |  |
| 14,376.0     | 90.59      | 180.27               | 10,616.3      | -3,439.1      | -792.6        | 1.26                | 1.26                 | 0.10                | -8.3                   | -16.4                   |  |
| 14,470.0     | 91.91      | 180.01               | 10,614.2      | -3,533.1      | -792.8        | 1.43                | 1.40                 | -0.28               | -10.9                  | -17.3                   |  |
| 14,564.0     | 90.29      | 180.62               | 10,612.4      | -3,627.1      | -793.3        | 1.84                | -1.72                | 0.65                | -13.2                  | -18.4                   |  |
| 14,659.0     | 89.58      | 180.45               | 10,612.5      | -3,722.0      | -794.2        | 0.77                | -0.75                | -0.18               | -13.6                  | -19.9                   |  |
| 14,753.0     | 85.67      | 179.13               | 10,616.4      | -3,815.9      | -793.8        | 4.39                | -4.16                | -1.40               | -10.3                  | -20.2                   |  |
| 14,847.0     | 87.82      | 178.78               | 10,621.8      | -3,909.8      | -792.1        | 2.32                | 2.29                 | -0.37               | -5.5                   | -19.1                   |  |
| 14,941.0     | 89.76      | 178.69               | 10,623.8      | -4,003.7      | -790.1        | 2.07                | 2.06                 | -0.10               | -4.0                   | -17.6                   |  |
| 15,035.0     | 90.46      | 178.16               | 10,623.6      | -4,097.7      | -787.5        | 0.93                | 0.74                 | -0.56               | -4.7                   | -15.6                   |  |
| 15,130.0     | 90.37      | 178.34               | 10,622.9      | -4,192.6      | -784.6        | 0.21                | -0.09                | 0.19                | -6.0                   | -13.4                   |  |



## EOG Resources

Midland PVA

|                  |                             |                                     |                       |
|------------------|-----------------------------|-------------------------------------|-----------------------|
| <b>Company:</b>  | EOG Resources - Midland     | <b>Local Co-ordinate Reference:</b> | Well #508H            |
| <b>Project:</b>  | Lea County, NM (NAD 83 NME) | <b>TVD Reference:</b>               | KB = 26' @ 3483.0usft |
| <b>Site:</b>     | Valiant 24 Fed Com          | <b>MD Reference:</b>                | KB = 26' @ 3483.0usft |
| <b>Well:</b>     | #508H                       | <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) |  |
| 15,225.0     | 90.55      | 178.34               | 10,622.1      | -4,287.6      | -781.8        | 0.19                | 0.19                 | 0.00                | -7.3                   | -11.2                   |  |
| 15,319.0     | 91.30      | 177.99               | 10,620.6      | -4,381.5      | -778.8        | 0.88                | 0.80                 | -0.37               | -9.3                   | -8.8                    |  |
| 15,413.0     | 89.71      | 177.55               | 10,619.8      | -4,475.5      | -775.2        | 1.76                | -1.69                | -0.47               | -10.7                  | -5.8                    |  |
| 15,508.0     | 90.20      | 177.72               | 10,619.9      | -4,570.4      | -771.2        | 0.55                | 0.52                 | 0.18                | -11.1                  | -2.5                    |  |
| 15,602.0     | 90.81      | 177.46               | 10,619.0      | -4,664.3      | -767.3        | 0.71                | 0.65                 | -0.28               | -12.5                  | 0.8                     |  |
| 15,696.0     | 90.33      | 179.13               | 10,618.1      | -4,758.2      | -764.5        | 1.85                | -0.51                | 1.78                | -14.0                  | 3.0                     |  |
| 15,791.0     | 91.12      | 179.22               | 10,616.9      | -4,853.2      | -763.1        | 0.84                | 0.83                 | 0.09                | -15.7                  | 3.7                     |  |
| 15,885.0     | 91.03      | 178.87               | 10,615.1      | -4,947.2      | -761.6        | 0.38                | -0.10                | -0.37               | -18.0                  | 4.7                     |  |
| 15,979.0     | 88.97      | 179.92               | 10,615.1      | -5,041.2      | -760.6        | 2.46                | -2.19                | 1.12                | -18.5                  | 5.1                     |  |
| 16,073.0     | 89.23      | 180.10               | 10,616.6      | -5,135.2      | -760.6        | 0.34                | 0.28                 | 0.19                | -17.6                  | 4.4                     |  |
| 16,167.0     | 86.81      | 180.18               | 10,619.9      | -5,229.1      | -760.8        | 2.58                | -2.57                | 0.09                | -14.9                  | 3.6                     |  |
| 16,262.0     | 89.36      | 179.48               | 10,623.0      | -5,324.0      | -760.5        | 2.78                | 2.68                 | -0.74               | -12.3                  | 3.2                     |  |
| 16,356.0     | 89.98      | 178.95               | 10,623.6      | -5,418.0      | -759.2        | 0.87                | 0.66                 | -0.56               | -12.2                  | 3.9                     |  |
| 16,450.0     | 90.77      | 178.87               | 10,623.0      | -5,512.0      | -757.4        | 0.84                | 0.84                 | -0.09               | -13.5                  | 5.1                     |  |
| 16,544.0     | 90.33      | 178.69               | 10,622.0      | -5,606.0      | -755.4        | 0.51                | -0.47                | -0.19               | -15.2                  | 6.5                     |  |
| 16,638.0     | 90.90      | 178.78               | 10,621.0      | -5,700.0      | -753.4        | 0.61                | 0.61                 | 0.10                | -17.0                  | 7.9                     |  |
| 16,733.0     | 91.65      | 178.60               | 10,618.9      | -5,794.9      | -751.2        | 0.81                | 0.79                 | -0.19               | -19.9                  | 9.5                     |  |
| 16,827.0     | 90.11      | 179.92               | 10,617.5      | -5,888.9      | -750.0        | 2.16                | -1.64                | 1.40                | -22.1                  | 10.1                    |  |
| 16,921.0     | 90.42      | 179.39               | 10,617.0      | -5,982.9      | -749.4        | 0.65                | 0.33                 | -0.56               | -23.3                  | 10.0                    |  |
| 17,016.0     | 89.98      | 179.30               | 10,616.7      | -6,077.9      | -748.3        | 0.47                | -0.46                | -0.09               | -24.5                  | 10.5                    |  |
| 17,110.0     | 91.74      | 180.18               | 10,615.3      | -6,171.9      | -747.9        | 2.09                | 1.87                 | 0.94                | -26.6                  | 10.3                    |  |
| 17,204.0     | 91.78      | 180.89               | 10,612.4      | -6,265.8      | -748.8        | 0.76                | 0.04                 | 0.76                | -30.3                  | 8.8                     |  |
| 17,298.0     | 89.49      | 180.36               | 10,611.4      | -6,359.8      | -749.8        | 2.50                | -2.44                | -0.56               | -32.1                  | 7.2                     |  |
| 17,392.0     | 89.49      | 179.83               | 10,612.2      | -6,453.8      | -750.0        | 0.56                | 0.00                 | -0.56               | -32.1                  | 6.4                     |  |
| 17,487.0     | 89.80      | 179.92               | 10,612.8      | -6,548.8      | -749.8        | 0.34                | 0.33                 | 0.09                | -32.3                  | 6.0                     |  |
| 17,581.0     | 90.20      | 180.27               | 10,612.8      | -6,642.8      | -749.9        | 0.57                | 0.43                 | 0.37                | -33.0                  | 5.2                     |  |
| 17,675.0     | 89.85      | 179.66               | 10,612.8      | -6,736.8      | -749.9        | 0.75                | -0.37                | -0.65               | -33.9                  | 4.6                     |  |



## EOG Resources

Midland PVA

**Company:** EOG Resources - Midland  
**Project:** Lea County, NM (NAD 83 NME)  
**Site:** Valiant 24 Fed Com  
**Well:** #508H  
**Wellbore:** OH  
**Design:** OH

**Local Co-ordinate Reference:** Well #508H  
**TVD Reference:** KB = 26' @ 3483.0usft  
**MD Reference:** KB = 26' @ 3483.0usft  
**North Reference:** Grid  
**Survey Calculation Method:** Minimum Curvature  
**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) |
| 17,769.0                        | 89.32      | 179.66               | 10,613.4      | -6,830.8      | -749.3        | 0.56                | -0.56                | 0.00                | -34.0                  | 4.6                     |
| 17,863.0                        | 89.01      | 179.39               | 10,614.8      | -6,924.8      | -748.5        | 0.44                | -0.33                | -0.29               | -33.4                  | 4.7                     |
| 17,957.0                        | 88.75      | 179.13               | 10,616.6      | -7,018.7      | -747.3        | 0.39                | -0.28                | -0.28               | -32.3                  | 5.3                     |
| 18,052.0                        | 88.31      | 178.78               | 10,619.1      | -7,113.7      | -745.6        | 0.59                | -0.46                | -0.37               | -30.6                  | 6.4                     |
| 18,146.0                        | 88.13      | 178.95               | 10,622.0      | -7,207.6      | -743.7        | 0.26                | -0.19                | 0.18                | -28.5                  | 7.7                     |
| Last MWD Survey (MD=18146.0')   |            |                      |               |               |               |                     |                      |                     |                        |                         |
| 18,205.0                        | 88.13      | 178.95               | 10,623.9      | -7,266.6      | -742.6        | 0.00                | 0.00                 | 0.00                | -27.1                  | 8.4                     |
| Projection to Bit (MD=18205.0') |            |                      |               |               |               |                     |                      |                     |                        |                         |

| Design Annotations          |                             |                   |                 |                                                                            |
|-----------------------------|-----------------------------|-------------------|-----------------|----------------------------------------------------------------------------|
| Measured<br>Depth<br>(usft) | Vertical<br>Depth<br>(usft) | Local Coordinates |                 | Comment                                                                    |
|                             |                             | +N/-S<br>(usft)   | +E/-W<br>(usft) |                                                                            |
| 10,063.0                    | 9,993.3                     | 495.3             | -746.8          | KOP, MD:10063.0', TVD:9993.3',N/S:495.3', E/W:-746.8', INC:2.36            |
| 10,318.9                    | 10,242.6                    | 444.0             | -754.6          | FTP Crossing, MD:10318.9', TVD:10242.6',N/S:444.0', E/W:-754.6', INC:22.28 |
| 18,146.0                    | 10,622.0                    | -7,207.6          | -743.7          | Last MWD Survey (MD=18146.0')                                              |
| 18,205.0                    | 10,623.9                    | -7,266.6          | -742.6          | Projection to Bit (MD=18205.0')                                            |

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

I certify this survey to be true and correct to the best of my belief and knowledge.

Kay Maddox 05//10/2021





Lea County, NM (NAD 83 NME)

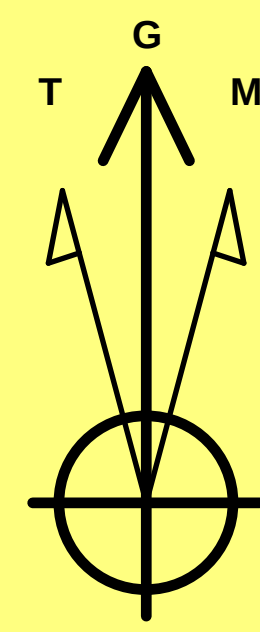
Valiant 24 Fed Com

#508H

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



Azimuths to Grid North  
True North: -0.37°  
Magnetic North: 6.24°

Magnetic Field  
Strength: 47467.5nT  
Dip Angle: 59.81°  
Date: 1/9/2021  
Model: IGRF2020

To convert a Magnetic Direction to a Grid Direction, Add 6.24°  
To convert a Magnetic Direction to a True Direction, Add 6.61° East  
To convert a True Direction to a Grid Direction, Subtract 0.37°

WELL DETAILS: #508H

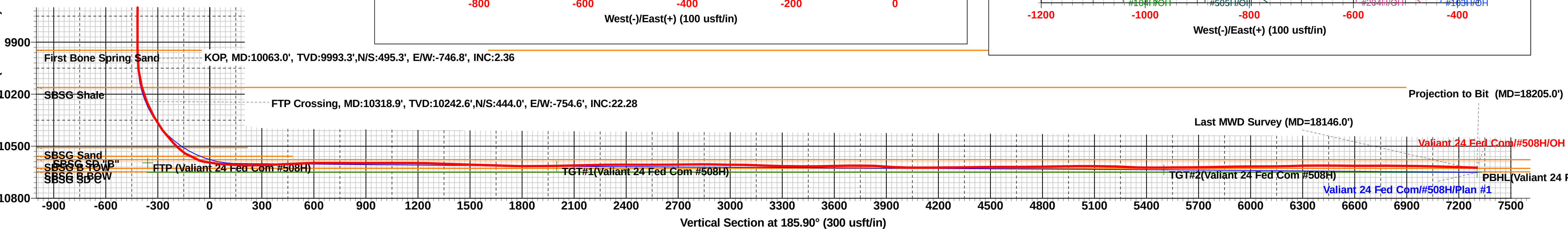
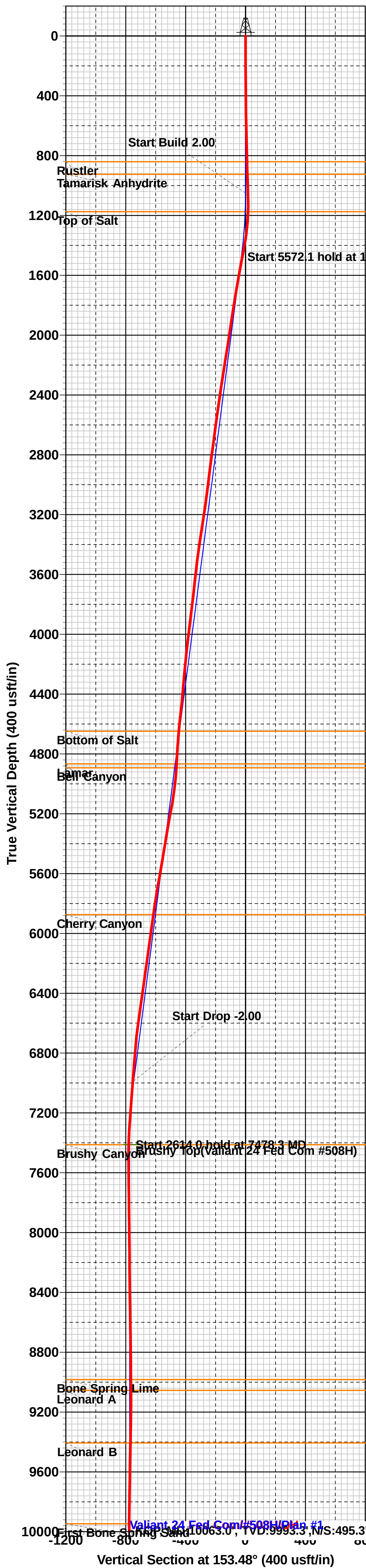
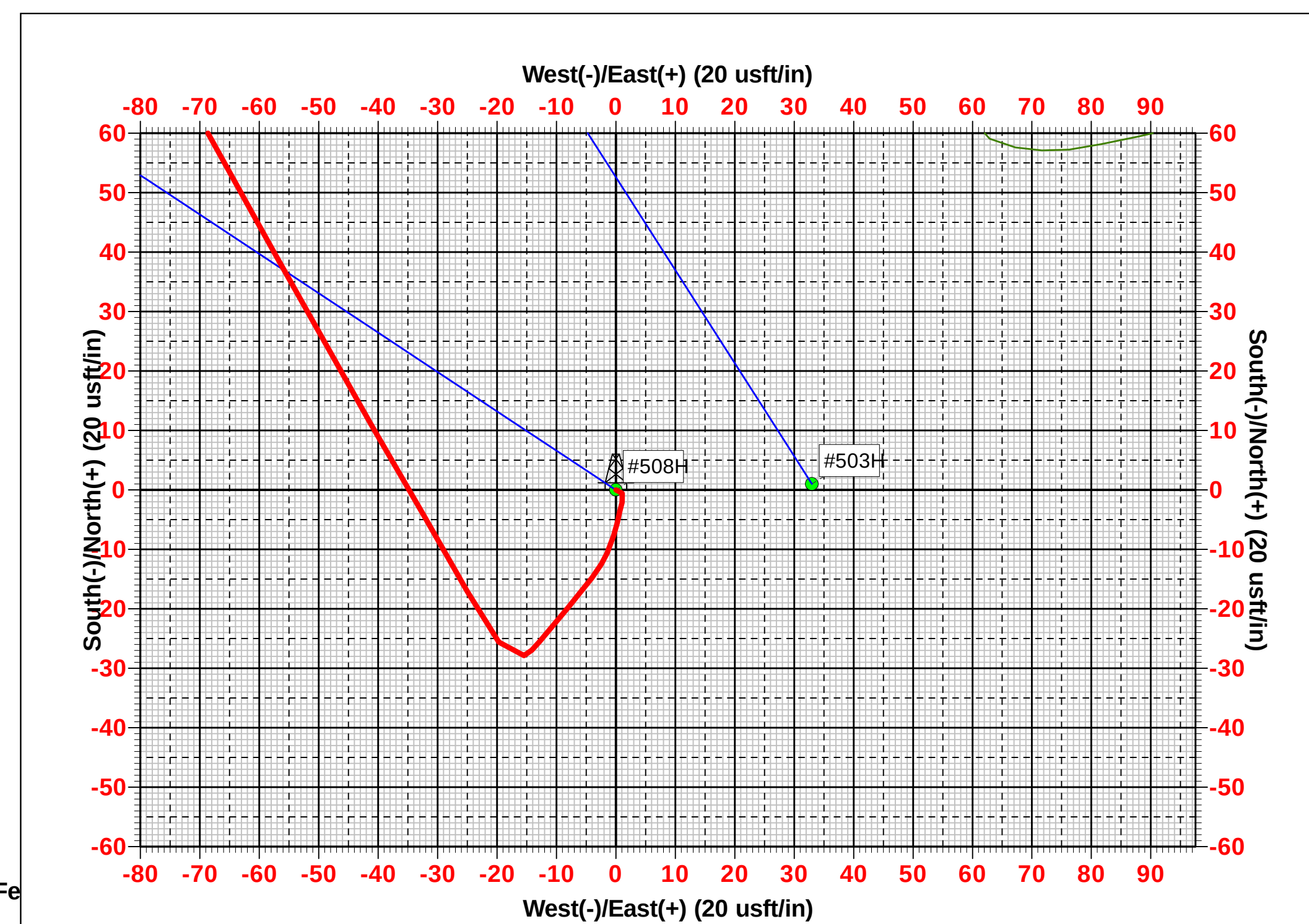
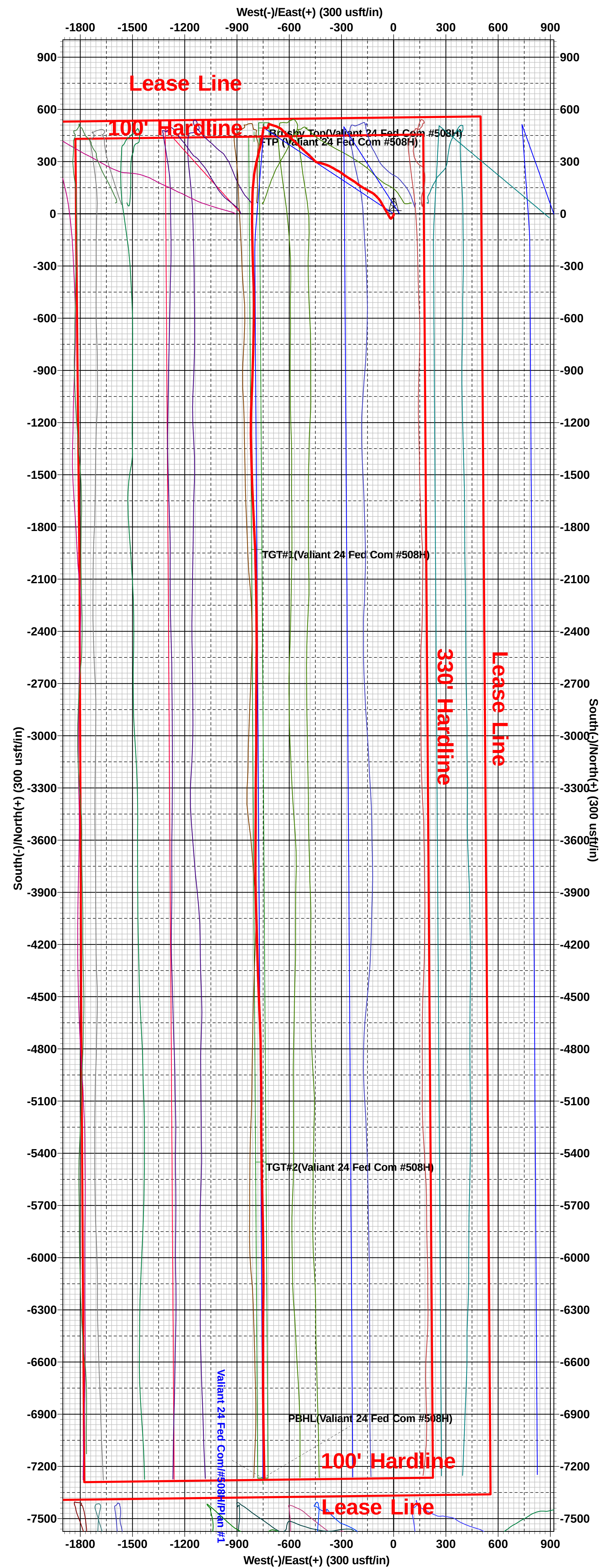
3457.0  
KB = 26' @ 3483.0usft  
Northing 406108.00 Easting 759056.00 Latitude 32° 6' 52.263 N Longitude 103° 37' 48.435 W Slot

SECTION DETAILS

| Sec | 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   | 1050.0  | 0.00  | 0.00   | 1050.0  | 0.0     | 0.0    | 0.00  | 0.00    | 0.0    |                                      |
| 3   | 1478.1  | 8.56  | 303.49 | 1476.5  | 17.6    | -26.6  | 2.00  | 303.49  | -14.8  |                                      |
| 4   | 7050.2  | 8.56  | 303.49 | 6986.5  | 475.4   | -718.4 | 0.00  | 0.00    | -399.0 |                                      |
| 5   | 7478.3  | 0.00  | 0.00   | 7413.0  | 493.0   | -745.0 | 2.00  | 180.00  | -413.8 | Brushy Top(Valiant 24 Fed Com #508H) |
| 6   | 10092.3 | 0.00  | 0.00   | 10027.0 | 493.0   | -745.0 | 0.00  | 0.00    | -413.8 |                                      |
| 7   | 10987.6 | 89.53 | 184.65 | 10599.9 | -73.4   | -791.1 | 10.00 | 184.65  | 154.3  |                                      |
| 8   | 11155.3 | 89.50 | 179.62 | 10601.4 | -240.9  | -797.3 | 3.00  | -90.33  | 321.6  |                                      |
| 9   | 12843.9 | 89.50 | 179.62 | 10616.0 | -1929.4 | -786.1 | 0.00  | 0.00    | 2000.0 | TGT#1(Valiant 24 Fed Com #508H)      |
| 10  | 12852.4 | 89.67 | 179.62 | 10616.1 | -1938.0 | -786.0 | 2.00  | 1.53    | 2008.5 |                                      |
| 11  | 16365.0 | 89.67 | 179.62 | 10636.0 | -5450.4 | -762.9 | 0.00  | 0.00    | 5500.0 | TGT#2(Valiant 24 Fed Com #508H)      |
| 12  | 16372.4 | 89.53 | 179.62 | 10636.1 | -5457.8 | -762.9 | 2.00  | -180.00 | 5507.3 |                                      |
| 13  | 18181.7 | 89.53 | 179.62 | 10651.0 | -7267.0 | -751.0 | 0.00  | 0.00    | 7305.7 | PBHL(Valiant 24 Fed Com #508H)       |

WELLBORE TARGET DETAILS (MAP CO-ORDINATES)

| Name                                 | TVD     | +N/-S   | +E/-W  | Northing  | Easting   | Shape                         |
|--------------------------------------|---------|---------|--------|-----------|-----------|-------------------------------|
| Brushy Top(Valiant 24 Fed Com #508H) | 7413.0  | 493.0   | -745.0 | 406601.00 | 758311.00 | Polygon                       |
| FTP (Valiant 24 Fed Com #508H)       | 10596.0 | 443.0   | -802.0 | 406551.00 | 758254.00 | Polygon                       |
| TGT#1(Valiant 24 Fed Com #508H)      | 10616.0 | -1929.4 | -786.1 | 404178.60 | 758269.92 | Point                         |
| TGT#2(Valiant 24 Fed Com #508H)      | 10636.0 | -5450.4 | -762.9 | 400657.60 | 758293.06 | Point                         |
| PBHL(Valiant 24 Fed Com #508H)       | 10651.0 | -7267.0 | -751.0 | 398841.00 | 758305.00 | Rectangle (Sides: L0.0 W60.0) |





Intent ☐ As Drilled ☐

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

## Kick Off Point (KOP)

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

## First Take Point (FTP)

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

## Last Take Point (LTP)

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

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

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

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

KZ 06/29/2018

|                                                                                                                                                                                                                                                                                                                                                                                           |                                            |                                                                                                                                                                                       |                                                               |                          |                                             |                                                             |                                                                          |                                                                       |          |               |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------|--------------------------|---------------------------------------------|-------------------------------------------------------------|--------------------------------------------------------------------------|-----------------------------------------------------------------------|----------|---------------|
| Submit To Appropriate District Office<br>Two Copies<br><u>District I</u><br>1625 N. French Dr., Hobbs, NM 88240<br><u>District II</u><br>811 S. First St., Artesia, NM 88210<br><u>District III</u><br>1000 Rio Brazos Rd., Aztec, NM 87410<br><u>District IV</u><br>1220 S. St. Francis Dr., Santa Fe, NM 87505                                                                          |                                            | <b>State of New Mexico</b><br><b>Energy, Minerals and Natural Resources</b><br><br><b>Oil Conservation Division</b><br><b>1220 South St. Francis Dr.</b><br><b>Santa Fe, NM 87505</b> |                                                               |                          | <b>Form C-105</b><br>Revised August 1, 2011 |                                                             |                                                                          |                                                                       |          |               |
| WELL COMPLETION OR RECOMPLETION REPORT AND LOG                                                                                                                                                                                                                                                                                                                                            |                                            |                                                                                                                                                                                       |                                                               |                          |                                             |                                                             |                                                                          |                                                                       |          |               |
| 4. Reason for filing:<br><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>VALIANT 24 FEDERAL COM</b> |          |               |
|                                                                                                                                                                                                                                                                                                                                                                                           |                                            |                                                                                                                                                                                       |                                                               |                          |                                             |                                                             |                                                                          | 6. Well Number:<br><br><b>508H</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>WC025 G08 S253235G; LOWER BONE SPRING</b> |                                                                       |          |               |
| 12. Location                                                                                                                                                                                                                                                                                                                                                                              | Unit Ltr                                   | Section                                                                                                                                                                               | Township                                                      | Range                    | Lot                                         | Feet from the                                               | N/S Line                                                                 | Feet from the                                                         | E/W Line | County        |
| <b>Surface:</b>                                                                                                                                                                                                                                                                                                                                                                           | K                                          | 24                                                                                                                                                                                    | 25S                                                           | 32E                      |                                             | 2087                                                        | SOUTH                                                                    | 2154                                                                  | WEST     | LEA           |
| <b>BH:</b>                                                                                                                                                                                                                                                                                                                                                                                | N                                          | 25                                                                                                                                                                                    | 25S                                                           | 32E                      |                                             | 110                                                         | SOUTH                                                                    | 1364                                                                  | WEST     | LEA           |
| 13. Date Spudded<br><b>12/09/2020</b>                                                                                                                                                                                                                                                                                                                                                     | 14. Date T.D. Reached<br><b>01/19/2021</b> |                                                                                                                                                                                       | 15. Date Rig Released<br><b>01/19/2021</b>                    |                          |                                             | 16. Date Completed (Ready to Produce)<br><b>05/01/2021</b>  |                                                                          | 17. Elevations (DF and RKB, RT, GR, etc.) <b>3457' GL</b>             |          |               |
| 18. Total Measured Depth of Well<br><b>MD 18,205   TVD 10,623</b>                                                                                                                                                                                                                                                                                                                         |                                            |                                                                                                                                                                                       | 19. Plug Back Measured Depth<br><b>MD 18,178   TVD 10,623</b> |                          |                                             | 20. Was Directional Survey Made?<br><b>YES</b>              |                                                                          | 21. Type Electric and Other Logs Run<br><b>None</b>                   |          |               |
| 22. Producing Interval(s), of this completion - Top, Bottom, Name<br><b>BONE SPRING 11,030 - 18,178'</b>                                                                                                                                                                                                                                                                                  |                                            |                                                                                                                                                                                       |                                                               |                          |                                             |                                                             |                                                                          |                                                                       |          |               |
| <b>23. CASING RECORD (Report all strings set in well)</b>                                                                                                                                                                                                                                                                                                                                 |                                            |                                                                                                                                                                                       |                                                               |                          |                                             |                                                             |                                                                          |                                                                       |          |               |
| CASING SIZE                                                                                                                                                                                                                                                                                                                                                                               |                                            | WEIGHT LB./FT.                                                                                                                                                                        |                                                               | DEPTH SET                |                                             | HOLE SIZE                                                   |                                                                          | CEMENTING RECORD                                                      |          | AMOUNT PULLED |
| 13 3/8"                                                                                                                                                                                                                                                                                                                                                                                   |                                            | 54.5# J-55                                                                                                                                                                            |                                                               | 1025'                    |                                             | 16"                                                         |                                                                          | 835 CL C/CIRC                                                         |          |               |
| 9 5/8"                                                                                                                                                                                                                                                                                                                                                                                    |                                            | 40# J-55                                                                                                                                                                              |                                                               | 4845'                    |                                             | 12 1/4"                                                     |                                                                          | 1410 CL C/CIRC                                                        |          |               |
| 5 1/2"                                                                                                                                                                                                                                                                                                                                                                                    |                                            | 20# ECP 110                                                                                                                                                                           |                                                               | 18,187'                  |                                             | 8 1/2"                                                      |                                                                          | 2390 CL C&H 7670' CBL                                                 |          |               |
|                                                                                                                                                                                                                                                                                                                                                                                           |                                            |                                                                                                                                                                                       |                                                               |                          |                                             |                                                             |                                                                          |                                                                       |          |               |
|                                                                                                                                                                                                                                                                                                                                                                                           |                                            |                                                                                                                                                                                       |                                                               |                          |                                             |                                                             |                                                                          |                                                                       |          |               |
| <b>24. LINER RECORD</b>                                                                                                                                                                                                                                                                                                                                                                   |                                            |                                                                                                                                                                                       |                                                               |                          |                                             | <b>25. TUBING RECORD</b>                                    |                                                                          |                                                                       |          |               |
| SIZE                                                                                                                                                                                                                                                                                                                                                                                      | TOP                                        | BOTTOM                                                                                                                                                                                | SACKS CEMENT                                                  | SCREEN                   | SIZE                                        | DEPTH SET                                                   | PACKER SET                                                               |                                                                       |          |               |
|                                                                                                                                                                                                                                                                                                                                                                                           |                                            |                                                                                                                                                                                       |                                                               |                          |                                             |                                                             |                                                                          |                                                                       |          |               |
|                                                                                                                                                                                                                                                                                                                                                                                           |                                            |                                                                                                                                                                                       |                                                               |                          |                                             |                                                             |                                                                          |                                                                       |          |               |
| 26. Perforation record (interval, size, and number)<br><br><b>11,030 - 18,178'   3 1/8", 1500 holes</b>                                                                                                                                                                                                                                                                                   |                                            |                                                                                                                                                                                       |                                                               |                          |                                             | 27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.             |                                                                          |                                                                       |          |               |
|                                                                                                                                                                                                                                                                                                                                                                                           |                                            |                                                                                                                                                                                       |                                                               |                          |                                             | DEPTH INTERVAL                                              |                                                                          | AMOUNT AND KIND MATERIAL USED                                         |          |               |
|                                                                                                                                                                                                                                                                                                                                                                                           |                                            |                                                                                                                                                                                       |                                                               |                          |                                             | 11,030 - 18,178'                                            |                                                                          | FRAC W/ 17,841,400 lbs proppant, 286,694 bbls load fld                |          |               |
|                                                                                                                                                                                                                                                                                                                                                                                           |                                            |                                                                                                                                                                                       |                                                               |                          |                                             |                                                             |                                                                          |                                                                       |          |               |
| <b>28. PRODUCTION</b>                                                                                                                                                                                                                                                                                                                                                                     |                                            |                                                                                                                                                                                       |                                                               |                          |                                             |                                                             |                                                                          |                                                                       |          |               |
| Date First Production<br><b>05/01/2021</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>05/10/2021</b>                                                                                                                                                                                                                                                                                                                                                         | Hours Tested<br><b>24</b>                  | Choke Size<br><b>68</b>                                                                                                                                                               | Prod'n For Test Period                                        | Oil - Bbl<br><b>2470</b> | Gas - MCF<br><b>4001</b>                    | Water - Bbl.<br><b>6754</b>                                 | Gas - Oil Ratio<br><b>1620</b>                                           |                                                                       |          |               |
| Flow Tubing Press.                                                                                                                                                                                                                                                                                                                                                                        | Casing Pressure<br><b>722</b>              | Calculated 24-Hour Rate                                                                                                                                                               | Oil - Bbl.                                                    | Gas - MCF                | Water - Bbl.                                | Oil Gravity - API - ( <i>Corr.</i> )<br><b>48</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, Gas capture</b>                                                                                                                                                                                                                                                                                            |                                            |                                                                                                                                                                                       |                                                               |                          |                                             |                                                             |                                                                          |                                                                       |          |               |
| 32. If a temporary pit was used at the well, attach a plat with the location of the temporary pit.                                                                                                                                                                                                                                                                                        |                                            |                                                                                                                                                                                       |                                                               |                          |                                             |                                                             |                                                                          |                                                                       |          |               |
| 33. If an on-site burial was used at the well, report the exact location of the on-site burial:                                                                                                                                                                                                                                                                                           |                                            |                                                                                                                                                                                       |                                                               |                          |                                             |                                                             |                                                                          |                                                                       |          |               |
| Latitude _____ Longitude _____ NAD 1927 1983                                                                                                                                                                                                                                                                                                                                              |                                            |                                                                                                                                                                                       |                                                               |                          |                                             |                                                             |                                                                          |                                                                       |          |               |
| I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief<br>Printed<br>Signature <b>Kay Maddox</b> Name <b>Kay Maddox</b> Title <b>Senior Regulatory Specialist</b> Date <b>05/13/2021</b><br>E-mail Address <b>kay_maddox@eogresources.com</b>                                                                 |                                            |                                                                                                                                                                                       |                                                               |                          |                                             |                                                             |                                                                          |                                                                       |          |               |



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

| Southeastern New Mexico |         |       | Northwestern New Mexico |         |       |
|-------------------------|---------|-------|-------------------------|---------|-------|
| T. Anhy                 | Rustler | 840'  | T. Canyon               | Brushy  | 7412' |
| T. Salt                 |         | 1174' | T. Strawn               |         |       |
| B. Salt                 |         | 4647' | T. Atoka                |         |       |
| T. Yates                |         |       | T. Miss                 |         |       |
| T. 7 Rivers             |         |       | T. Devonian             |         |       |
| T. Queen                |         |       | T. Silurian             |         |       |
| T. Grayburg             |         |       | T. Montoya              |         |       |
| T. San Andres           |         |       | T. Simpson              |         |       |
| T. Glorieta             |         |       | T. McKee                |         |       |
| T. Paddock              |         |       | T. Ellenburger          |         |       |
| T. Blinebry             |         |       | T. Gr. Wash             |         |       |
| T. Tubb                 |         |       | T. Delaware Sand        |         |       |
| T. Drinkard             |         |       | T. Bone Springs         |         |       |
| T. Abo                  |         |       | T. 1st BS Sand          | 9946'   |       |
| T. Wolfcamp             |         |       | T. 2nd BS Sand          | 10,507' |       |
| T. Penn                 |         |       | T.                      |         |       |
| T. Cisco (Bough C)      |         |       | T.                      |         |       |

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

Include data on rate of water inflow and elevation to which water rose in hole.

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

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

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

**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 28101

**ACKNOWLEDGMENTS**

|                                                                      |                                                    |
|----------------------------------------------------------------------|----------------------------------------------------|
| Operator:<br>EOG RESOURCES INC<br>P.O. Box 2267<br>Midland, TX 79702 | OGRID:<br>7377                                     |
|                                                                      | Action Number:<br>28101                            |
|                                                                      | Action Type:<br>[C-104] Completion Packet (C-104C) |

**ACKNOWLEDGMENTS**

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

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

CONDITIONS

Action 28101

**CONDITIONS**

|                                                                      |                                                    |
|----------------------------------------------------------------------|----------------------------------------------------|
| Operator:<br>EOG RESOURCES INC<br>P.O. Box 2267<br>Midland, TX 79702 | OGRID:<br>7377                                     |
|                                                                      | Action Number:<br>28101                            |
|                                                                      | Action Type:<br>[C-104] Completion Packet (C-104C) |

**CONDITIONS**

| Created By | Condition                                                                                                           | Condition Date |
|------------|---------------------------------------------------------------------------------------------------------------------|----------------|
| plmartinez | File 3160-4 Completion Report within 10 days to NMOCD after BLM approval. Submit Production drilling/casing sundry. | 8/30/2021      |