

State of New Mexico  
Energy, Minerals & Natural  
Resources

Form C-104

Revised August 1, 2011

Submit one copy to appropriate District Office

Oil Conservation Division  
1220 South St. Francis Dr.☐ AMENDED REPORT**I. REQUEST FOR ALLOWABLE MINERAL AUTHORIZATION TO TRANSPORT**

|                                                                                                    |                                                      |                                                                      |
|----------------------------------------------------------------------------------------------------|------------------------------------------------------|----------------------------------------------------------------------|
| <sup>1</sup> Operator name and Address<br>EOG RESOURCES INC<br>PO BOX 2267<br>MIDLAND, TEXAS 79702 |                                                      | <sup>2</sup> OGRID Number<br>7377                                    |
|                                                                                                    |                                                      | <sup>3</sup> Reason for Filing Code/ Effective Date<br>NW 02/08/2021 |
| <sup>4</sup> API Number<br>30 - 025-47482                                                          | <sup>5</sup> Pool Name<br>DRAPER MILL; BONE SPRING   | <sup>6</sup> Pool Code<br>96392                                      |
| <sup>7</sup> Property Code<br>317131                                                               | <sup>8</sup> Property Name<br>ANTIETAM 9 FEDERAL COM | <sup>9</sup> Well Number<br>508H                                     |

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

| UI or lot no. | Section | Township | Range | Lot Idn | Feet from the | North/South Line | Feet from the | East/West line | County |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| B             | 9       | 25S      | 33E   |         | 150           | NORTH            | 1413          | EAST           | LEA    |

**<sup>11</sup> Bottom Hole Location**

| UL or lot no. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| H             | 16      | 25S      | 33E   |         | 2531          | NORTH            | 311           | EAST           | 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>07/27/2020 | <sup>22</sup> Ready Date<br>02/08/2021 | <sup>23</sup> TD<br>18,430' | <sup>24</sup> PBDT<br>18,403' | <sup>25</sup> Perforations<br>11,120-18,403' | <sup>26</sup> DHC, MC |
| <sup>27</sup> Hole Size               | <sup>28</sup> Casing & Tubing Size     | <sup>29</sup> Depth Set     | <sup>30</sup> Sacks Cement    |                                              |                       |
| 17 1/2"                               | 13 3/8"                                | 1238'                       | 1080 SXS CL C/CIRC            |                                              |                       |
| 12 1/4"                               | 9 5/8"                                 | 4992'                       | 1310 SXS CL C/CIRC            |                                              |                       |
| 7 7/8"                                | 5 1/2"                                 | 18,413'                     | 1800 SXS CL H TOC 3500' CBL   |                                              |                       |
|                                       |                                        |                             |                               |                                              |                       |

**V. Well Test Data**

|                                          |                                               |                                       |                                     |                             |                                    |
|------------------------------------------|-----------------------------------------------|---------------------------------------|-------------------------------------|-----------------------------|------------------------------------|
| <sup>31</sup> Date New Oil<br>02/08/2021 | <sup>32</sup> Gas Delivery Date<br>02/08/2021 | <sup>33</sup> Test Date<br>02/19/2021 | <sup>34</sup> Test Length<br>24 HRS | <sup>35</sup> Tbg. Pressure | <sup>36</sup> Csg. Pressure<br>620 |
| <sup>37</sup> Choke Size<br>78           | <sup>38</sup> Oil<br>2385                     | <sup>39</sup> Water<br>5982           | <sup>40</sup> Gas<br>3255           |                             | <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.

Signature:

Kay Maddox

Printed name:

Kay Maddox

Title:

SENIOR REGULATORY SPECIALIST

E-mail Address:

kay\_maddox@eogresources.com

Date:

03/09/2021

Phone:

432-638-8475

OIL CONSERVATION DIVISION

Approved by:

PATRICIA MARTINEZ

Title:

PETROLEUM SPECIALIST

Approval Date:

6/16/2021

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>30-025-47482 | <sup>2</sup> Pool Code<br>96392                   | <sup>3</sup> Pool Name<br>DRAPER MILL; BONE SPRING |
| <sup>4</sup> Property Code<br>317131    | <sup>5</sup> Property Name<br>ANTIETAM 9 FED COM  | <sup>6</sup> Well Number<br>#508H                  |
| <sup>7</sup> GRID No.<br>7377           | <sup>8</sup> Operator Name<br>EOG RESOURCES, INC. | <sup>9</sup> Elevation<br>3426'                    |

<sup>10</sup>Surface Location

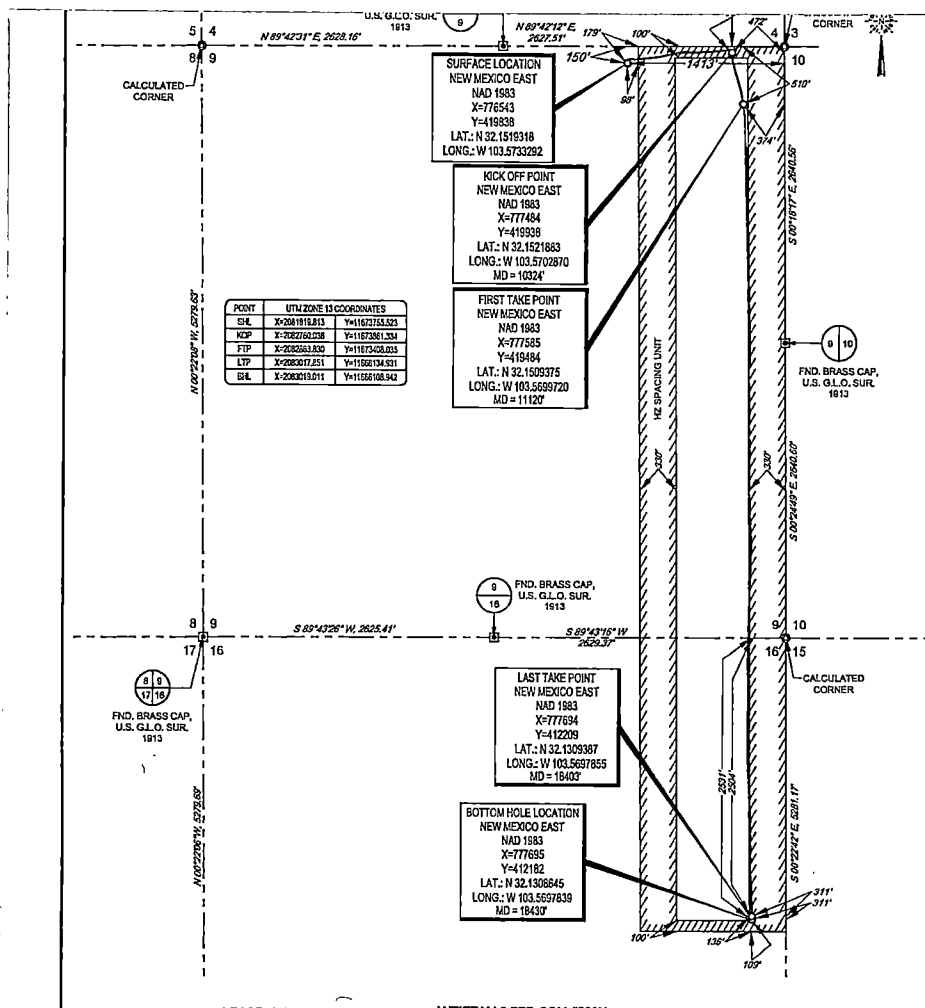
| UL or lot no. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| B             | 9       | 25-S     | 33-E  | -       | 150'          | NORTH            | 1413'         | EAST           | LEA    |

<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 |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| H             | 16      | 25-S     | 33-E  | -       | 2531'         | NORTH            | 311'          | EAST           | LEA    |

|                                         |                               |                                  |                         |
|-----------------------------------------|-------------------------------|----------------------------------|-------------------------|
| <sup>12</sup> Dedicated Acres<br>240.00 | <sup>13</sup> Joint or Infill | <sup>14</sup> Consolidation Code | <sup>15</sup> Order No. |
|-----------------------------------------|-------------------------------|----------------------------------|-------------------------|

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



<sup>17</sup>OPERATOR CERTIFICATION

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

*Kay Maddox* 03/05/2021  
Signature Date

KAY MADDOX

Printed Name

kay\_maddox@eogresources.com

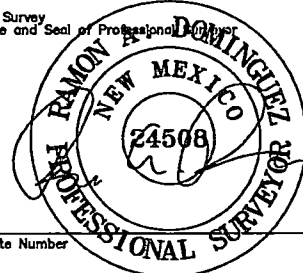
E-mail Address

<sup>18</sup>SURVEYOR CERTIFICATION

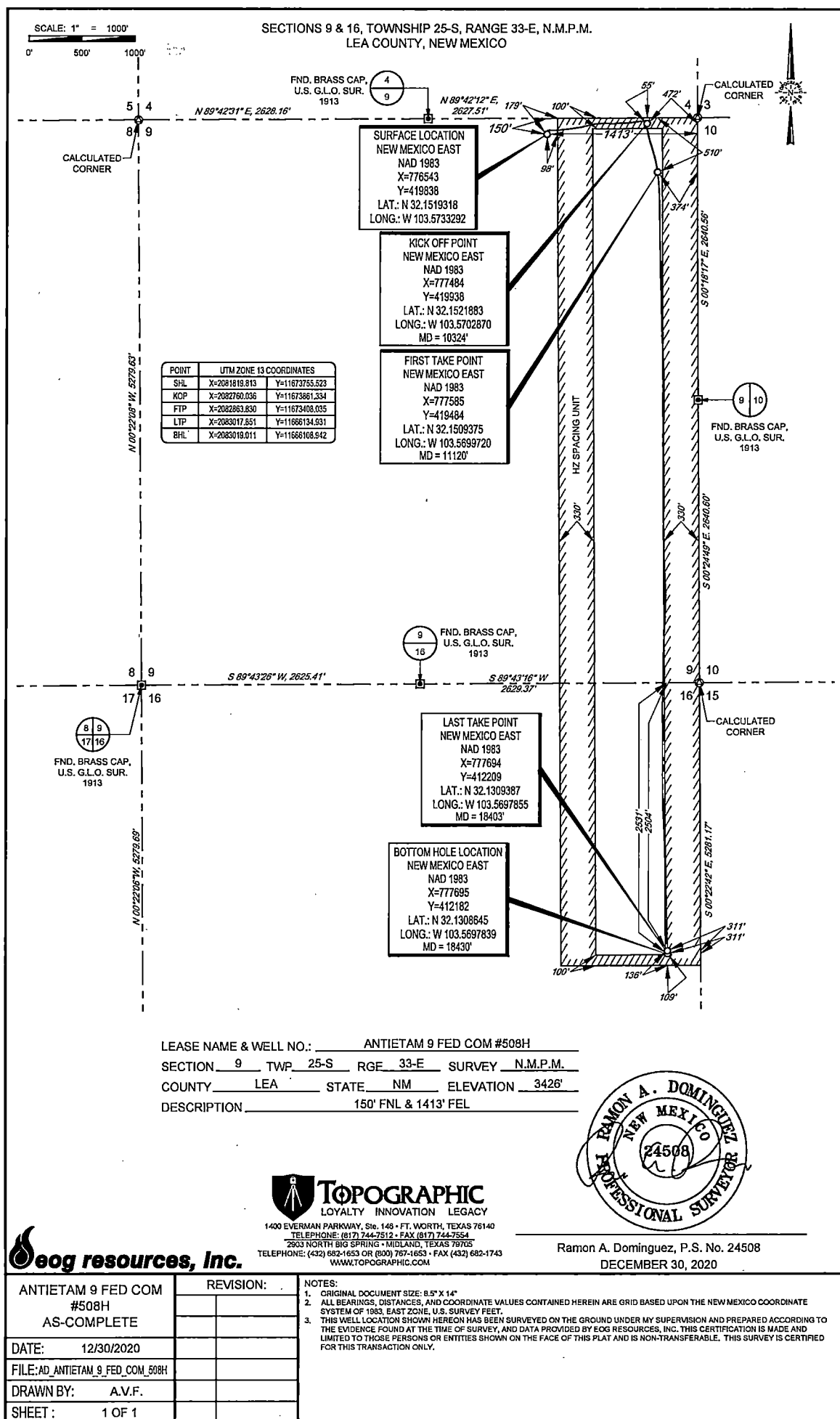
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true to the best of my belief.

08/28/2019

Date of Survey  
Signature and Seal of Professional Surveyor



Certificate Number





## **EOG Resources - Midland**

Lea County, NM (NAD 83 NME)

Antietam 9 Fed Com

#508H

OH

Design: OH

## **Midland PVA**

26 August, 2020



## 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 = 22' @ 3448.0usft |
| <b>Site:</b>     | Antietam 9 Fed Com          | <b>MD Reference:</b>                | KB = 22' @ 3448.0usft |
| <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                   |

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

| Site                  |     | Antietam 9 Fed Com |  |                          |  |
|-----------------------|-----|--------------------|--|--------------------------|--|
| Site Position:        |     | Northing:          |  | 419,815.00 usft          |  |
| From:                 | Map | Easting:           |  | 774,698.00 usft          |  |
| Position Uncertainty: |     | Slot Radius:       |  | 13-3/16 "                |  |
|                       |     |                    |  | Latitude: 32.1519034°N   |  |
|                       |     |                    |  | Longitude: 103.5792922°W |  |
|                       |     |                    |  | Grid Convergence: 0.40 ° |  |

| Well                 |       | #508H    |                     |                 |               |               |
|----------------------|-------|----------|---------------------|-----------------|---------------|---------------|
| Well Position        | +N/-S | 0.0 usft | Northing:           | 419,838.00 usft | Latitude:     | 32.1519309°N  |
|                      | +E/-W | 0.0 usft | Easting:            | 776,543.00 usft | Longitude:    | 103.5733305°W |
| Position Uncertainty |       | 0.0 usft | Wellhead Elevation: | usft            | Ground Level: | 3,426.0 usft  |

|           |            |             |                    |                  |                        |
|-----------|------------|-------------|--------------------|------------------|------------------------|
| Wellbore  | OH         |             |                    |                  |                        |
| Magnetics | Model Name | Sample Date | Declination<br>(°) | Dip Angle<br>(°) | Field Strength<br>(nT) |
|           | IGRF2020   | 9/18/2020   | 6.63               | 59.86            | 47,528.00218083        |

|                   |                            |                 |                 |                   |
|-------------------|----------------------------|-----------------|-----------------|-------------------|
| Design            | OH                         |                 |                 |                   |
| Audit Notes:      |                            |                 |                 |                   |
| Version:          | 1.0                        | Phase:          | ACTUAL          | Tie On Depth: 0.0 |
| Vertical Section: | Depth From (TVD)<br>(usft) | +N/-S<br>(usft) | +E/-W<br>(usft) | Direction<br>(°)  |
|                   | 0.0                        | 0.0             | 0.0             | 171.58            |

| Survey Program |              | Date              | 8/26/2020    |             |  |
|----------------|--------------|-------------------|--------------|-------------|--|
| From<br>(usft) | To<br>(usft) | Survey (Wellbore) | Tool Name    | Description |  |
| 200.0          | 18,430.0     | Driltech MWD (OH) | EOG MWD+IFR1 | MWD + IFR1  |  |



## EOG Resources

Midland PVA

|                  |                             |                                     |                       |
|------------------|-----------------------------|-------------------------------------|-----------------------|
| <b>Company:</b>  | EOG Resources - Midland     | <b>Local Co-ordinate Reference:</b> | Well #508H            |
| <b>Project:</b>  | Lea County, NM (NAD 83 NME) | <b>TVD Reference:</b>               | KB = 22' @ 3448.0usft |
| <b>Site:</b>     | Antietam 9 Fed Com          | <b>MD Reference:</b>                | KB = 22' @ 3448.0usft |
| <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                     |  |
| 200.0        | 0.70       | 43.43                | 200.0         | 0.9           | 0.8           | 0.35                | 0.35                 | 0.00                | -1.2                   | 0.0                     |  |
| 324.0        | 0.79       | 58.28                | 324.0         | 1.9           | 2.1           | 0.17                | 0.07                 | 11.98               | -2.8                   | 0.5                     |  |
| 504.0        | 0.88       | 36.92                | 504.0         | 3.6           | 4.0           | 0.18                | 0.05                 | -11.87              | -5.3                   | -1.0                    |  |
| 687.0        | 0.70       | 7.65                 | 686.9         | 5.9           | 5.0           | 0.24                | -0.10                | -15.99              | -6.5                   | -4.1                    |  |
| 879.0        | 0.88       | 343.84               | 878.9         | 8.5           | 4.7           | 0.19                | 0.09                 | -12.40              | -6.8                   | -6.9                    |  |
| 1,068.0      | 2.81       | 342.43               | 1,067.8       | 14.3          | 2.9           | 1.02                | 1.02                 | -0.75               | -12.7                  | -7.1                    |  |
| 1,191.0      | 2.90       | 354.12               | 1,190.7       | 20.2          | 1.7           | 0.48                | 0.07                 | 9.50                | -20.0                  | -3.7                    |  |
| 1,346.0      | 3.34       | 1.77                 | 1,345.4       | 28.6          | 1.4           | 0.39                | 0.28                 | 4.94                | -28.1                  | 3.1                     |  |
| 1,534.0      | 5.54       | 61.79                | 1,533.0       | 38.4          | 9.6           | 2.57                | 1.17                 | 31.93               | -8.5                   | 36.5                    |  |
| 1,722.0      | 9.50       | 100.03               | 1,719.4       | 40.0          | 32.9          | 3.29                | 2.11                 | 20.34               | 19.4                   | 31.8                    |  |
| 1,911.0      | 12.66      | 87.81                | 1,904.9       | 38.1          | 69.0          | 2.07                | 1.67                 | -6.47               | 7.0                    | 29.6                    |  |
| 2,099.0      | 12.31      | 86.84                | 2,088.4       | 40.0          | 109.6         | 0.22                | -0.19                | -0.52               | -3.6                   | 27.5                    |  |
| 2,288.0      | 11.78      | 84.73                | 2,273.3       | 42.9          | 148.9         | 0.36                | -0.28                | -1.12               | -13.2                  | 26.0                    |  |
| 2,477.0      | 11.52      | 83.15                | 2,458.4       | 46.9          | 186.8         | 0.22                | -0.14                | -0.84               | -21.3                  | 25.3                    |  |
| 2,666.0      | 11.43      | 79.90                | 2,643.6       | 52.4          | 224.0         | 0.35                | -0.05                | -1.72               | -29.5                  | 24.9                    |  |
| 2,853.0      | 11.17      | 80.95                | 2,827.0       | 58.5          | 260.1         | 0.18                | -0.14                | 0.56                | -35.3                  | 27.1                    |  |
| 3,042.0      | 10.02      | 81.66                | 3,012.8       | 63.8          | 294.5         | 0.61                | -0.61                | 0.38                | -38.8                  | 28.7                    |  |
| 3,230.0      | 9.50       | 78.49                | 3,198.0       | 69.2          | 325.9         | 0.40                | -0.28                | -1.69               | -41.6                  | 28.3                    |  |
| 3,419.0      | 9.41       | 74.71                | 3,384.5       | 76.4          | 356.1         | 0.33                | -0.05                | -2.00               | -43.8                  | 29.3                    |  |
| 3,607.0      | 10.11      | 78.05                | 3,569.8       | 83.9          | 387.0         | 0.48                | 0.37                 | 1.78                | -43.3                  | 35.5                    |  |
| 3,795.0      | 8.62       | 74.98                | 3,755.2       | 91.0          | 416.8         | 0.84                | -0.79                | -1.63               | -45.3                  | 36.9                    |  |
| 3,983.0      | 10.82      | 83.24                | 3,940.5       | 96.7          | 447.9         | 1.38                | 1.17                 | 4.39                | -40.5                  | 45.1                    |  |
| 4,171.0      | 8.35       | 80.87                | 4,125.9       | 100.9         | 478.9         | 1.33                | -1.31                | -1.26               | -42.9                  | 44.1                    |  |
| 4,359.0      | 10.38      | 88.43                | 4,311.4       | 103.6         | 509.3         | 1.26                | 1.08                 | 4.02                | -36.6                  | 48.4                    |  |
| 4,547.0      | 10.82      | 90.36                | 4,496.2       | 103.9         | 543.9         | 0.30                | 0.23                 | 1.03                | -39.1                  | 46.5                    |  |
| 4,735.0      | 9.85       | 95.54                | 4,681.1       | 102.3         | 577.6         | 0.71                | -0.52                | 2.76                | -38.5                  | 44.9                    |  |



## EOG Resources

Midland PVA

**Company:** EOG Resources - Midland  
**Project:** Lea County, NM (NAD 83 NME)  
**Site:** Antietam 9 Fed Com  
**Well:** #508H  
**Wellbore:** OH  
**Design:** OH

**Local Co-ordinate Reference:** Well #508H  
**TVD Reference:** KB = 22' @ 3448.0usft  
**MD Reference:** KB = 22' @ 3448.0usft  
**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) |
| 4,923.0                               | 12.75      | 89.92                | 4,865.5       | 100.7         | 614.3         | 1.65                | 1.54                 | -2.99               | -48.9                  | 36.0                    |
| 5,016.0                               | 11.26      | 86.76                | 4,956.4       | 101.3         | 633.6         | 1.75                | -1.60                | -3.40               | -55.0                  | 31.9                    |
| 5,203.0                               | 8.62       | 77.88                | 5,140.6       | 105.2         | 665.6         | 1.63                | -1.41                | -4.75               | -60.9                  | 23.3                    |
| 5,392.0                               | 11.34      | 90.27                | 5,326.8       | 108.1         | 698.0         | 1.83                | 1.44                 | 6.56                | -56.4                  | 35.0                    |
| 5,580.0                               | 11.26      | 89.30                | 5,511.1       | 108.3         | 734.9         | 0.11                | -0.04                | -0.52               | -63.3                  | 30.7                    |
| 5,769.0                               | 10.82      | 85.26                | 5,696.6       | 110.0         | 771.0         | 0.47                | -0.23                | -2.14               | -70.6                  | 23.9                    |
| 5,957.0                               | 10.02      | 82.27                | 5,881.5       | 113.6         | 804.8         | 0.51                | -0.43                | -1.59               | -75.0                  | 20.0                    |
| 6,145.0                               | 10.46      | 84.38                | 6,066.5       | 117.5         | 838.0         | 0.31                | 0.23                 | 1.12                | -77.0                  | 22.8                    |
| 6,333.0                               | 9.76       | 80.08                | 6,251.6       | 121.9         | 870.7         | 0.55                | -0.37                | -2.29               | -80.8                  | 17.6                    |
| 6,521.0                               | 9.23       | 77.79                | 6,437.1       | 127.8         | 901.1         | 0.35                | -0.28                | -1.22               | -81.8                  | 16.8                    |
| 6,710.0                               | 8.18       | 87.63                | 6,623.9       | 131.6         | 929.3         | 0.96                | -0.56                | 5.21                | -75.3                  | 30.7                    |
| 6,898.0                               | 5.63       | 104.25               | 6,810.5       | 129.9         | 951.6         | 1.71                | -1.36                | 8.84                | -56.7                  | 43.8                    |
| 7,086.0                               | 1.06       | 88.95                | 6,998.2       | 127.6         | 962.3         | 2.46                | -2.43                | -8.14               | -51.0                  | 22.6                    |
| 7,275.0                               | 0.70       | 78.49                | 7,187.1       | 127.9         | 965.2         | 0.21                | -0.19                | -5.53               | -43.3                  | 13.8                    |
| 7,394.5                               | 0.48       | 81.05                | 7,306.6       | 128.1         | 966.4         | 0.19                | -0.19                | 2.14                | -41.4                  | 15.9                    |
| Brushy Top (Antietam 9 Fed Com #508H) |            |                      |               |               |               |                     |                      |                     |                        |                         |
| 7,464.0                               | 0.35       | 84.03                | 7,376.1       | 128.2         | 966.9         | 0.19                | -0.18                | 4.29                | -41.0                  | 18.0                    |
| 7,653.0                               | 0.35       | 227.64               | 7,565.1       | 127.9         | 967.1         | 0.35                | 0.00                 | 75.98               | 43.6                   | 10.2                    |
| 7,841.0                               | 0.88       | 194.77               | 7,753.1       | 126.1         | 966.3         | 0.33                | 0.28                 | -17.48              | 29.2                   | 31.9                    |
| 8,029.0                               | 0.88       | 171.75               | 7,941.1       | 123.3         | 966.1         | 0.19                | 0.00                 | -12.24              | 11.6                   | 40.2                    |
| 8,218.0                               | 1.23       | 164.45               | 8,130.1       | 119.9         | 966.9         | 0.20                | 0.19                 | -3.86               | 2.9                    | 41.2                    |
| 8,406.0                               | 0.97       | 169.90               | 8,318.0       | 116.4         | 967.7         | 0.15                | -0.14                | 2.90                | 3.2                    | 40.9                    |
| 8,594.0                               | 0.97       | 156.45               | 8,506.0       | 113.3         | 968.6         | 0.12                | 0.00                 | -7.15               | -9.5                   | 40.1                    |
| 8,782.0                               | 1.14       | 156.63               | 8,694.0       | 110.2         | 970.0         | 0.09                | 0.09                 | 0.10                | -12.8                  | 40.2                    |
| 8,969.0                               | 1.14       | 181.41               | 8,880.9       | 106.6         | 970.7         | 0.26                | 0.00                 | 13.25               | 1.6                    | 42.6                    |
| 9,157.0                               | 1.14       | 191.96               | 9,068.9       | 102.9         | 970.2         | 0.11                | 0.00                 | 5.61                | 5.7                    | 42.0                    |
| 9,344.0                               | 0.79       | 253.92               | 9,255.9       | 100.7         | 968.6         | 0.55                | -0.19                | 33.13               | 37.6                   | 16.3                    |



## 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 = 22' @ 3448.0usft |
| <b>Site:</b>     | Antietam 9 Fed Com          | <b>MD Reference:</b>                | KB = 22' @ 3448.0usft |
| <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) |
| 9,533.0                                                                          | 1.85       | 289.17               | 9,444.8       | 101.4         | 964.5         | 0.68                | 0.56                 | 18.65               | 36.0                   | -7.6                    |
| 9,720.0                                                                          | 2.81       | 290.93               | 9,631.7       | 104.0         | 957.3         | 0.51                | 0.51                 | 0.94                | 28.1                   | -8.6                    |
| 9,907.0                                                                          | 1.49       | 254.54               | 9,818.5       | 105.0         | 950.7         | 0.98                | -0.71                | -19.46              | 21.6                   | 7.0                     |
| 10,095.0                                                                         | 0.97       | 230.98               | 10,006.5      | 103.3         | 947.1         | 0.38                | -0.28                | -12.53              | 13.2                   | 14.1                    |
| 10,264.0                                                                         | 2.11       | 248.04               | 10,175.4      | 101.3         | 943.1         | 0.72                | 0.67                 | 10.09               | 12.3                   | 10.1                    |
| 10,298.0                                                                         | 2.55       | 253.91               | 10,209.4      | 100.8         | 941.8         | 1.47                | 1.29                 | 17.26               | 11.8                   | 8.8                     |
| 10,324.0                                                                         | 3.27       | 214.24               | 10,235.4      | 100.0         | 940.8         | 8.03                | 2.77                 | -152.59             | 2.3                    | 14.0                    |
| <b>KOP, MD:10324.0', TVD:10235.4', N/S:100.0', E/W:940.8', INC:3.27</b>          |            |                      |               |               |               |                     |                      |                     |                        |                         |
| 10,393.0                                                                         | 8.00       | 181.49               | 10,304.0      | 93.6          | 939.6         | 8.03                | 6.86                 | -47.46              | -10.7                  | 11.2                    |
| 10,487.0                                                                         | 21.90      | 177.89               | 10,394.6      | 69.4          | 940.1         | 14.81               | 14.79                | -3.83               | -22.0                  | 4.5                     |
| 10,525.1                                                                         | 22.41      | 173.27               | 10,429.9      | 55.1          | 941.2         | 4.76                | 1.35                 | -12.12              | -26.8                  | -1.0                    |
| <b>FTP Crossing, MD:10525.1', TVD:10429.9', N/S:55.1', E/W:941.2', INC:22.41</b> |            |                      |               |               |               |                     |                      |                     |                        |                         |
| 10,581.0                                                                         | 23.39      | 166.90               | 10,481.4      | 33.7          | 945.0         | 4.76                | 1.75                 | -11.40              | -28.9                  | -8.8                    |
| 10,676.0                                                                         | 31.48      | 169.10               | 10,565.7      | -9.1          | 953.9         | 8.58                | 8.52                 | 2.32                | -28.0                  | -17.7                   |
| 10,770.0                                                                         | 40.10      | 164.18               | 10,641.9      | -62.4         | 966.9         | 9.66                | 9.17                 | -5.23               | -22.4                  | -30.2                   |
| 10,861.5                                                                         | 52.51      | 160.22               | 10,705.0      | -125.2        | 987.3         | 13.91               | 13.56                | -4.33               | -17.8                  | -38.0                   |
| <b>FTP (Antietam 9 Fed Com #508H)</b>                                            |            |                      |               |               |               |                     |                      |                     |                        |                         |
| 10,864.0                                                                         | 52.85      | 160.13               | 10,706.5      | -127.1        | 987.9         | 13.91               | 13.63                | -3.53               | -17.8                  | -38.1                   |
| 10,959.0                                                                         | 64.72      | 163.91               | 10,755.6      | -204.2        | 1,012.8       | 12.95               | 12.49                | 3.98                | -22.3                  | -38.1                   |
| 11,053.0                                                                         | 71.84      | 170.86               | 10,790.4      | -289.4        | 1,031.7       | 10.22               | 7.57                 | 7.39                | -28.3                  | -37.2                   |
| 11,146.0                                                                         | 76.24      | 171.91               | 10,816.0      | -377.7        | 1,045.1       | 4.85                | 4.73                 | 1.13                | -27.5                  | -35.8                   |
| 11,217.0                                                                         | 83.36      | 174.81               | 10,828.6      | -447.1        | 1,053.2       | 10.80               | 10.03                | 4.08                | -24.5                  | -32.2                   |
| 11,333.0                                                                         | 85.56      | 178.94               | 10,839.8      | -562.3        | 1,059.5       | 4.02                | 1.90                 | 3.56                | -14.9                  | -27.2                   |
| 11,427.0                                                                         | 88.37      | 179.38               | 10,844.7      | -656.2        | 1,060.8       | 3.03                | 2.99                 | 0.47                | -10.0                  | -26.4                   |
| 11,522.0                                                                         | 91.10      | 178.15               | 10,845.2      | -751.2        | 1,062.9       | 3.15                | 2.87                 | -1.29               | -9.6                   | -25.0                   |
| 11,616.0                                                                         | 91.19      | 178.33               | 10,843.3      | -845.1        | 1,065.8       | 0.21                | 0.10                 | 0.19                | -11.5                  | -22.7                   |
| 11,710.0                                                                         | 89.96      | 178.77               | 10,842.4      | -939.1        | 1,068.1       | 1.39                | -1.31                | 0.47                | -12.4                  | -20.9                   |





## 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 = 22' @ 3448.0usft |
| <b>Site:</b>     | Antietam 9 Fed Com          | <b>MD Reference:</b>                | KB = 22' @ 3448.0usft |
| <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) |
| 11,804.0     | 88.90      | 178.68               | 10,843.3      | -1,033.0      | 1,070.2       | 1.13                | -1.13                | -0.10               | -11.5                  | -19.5                   |
| 11,898.0     | 88.55      | 178.77               | 10,845.4      | -1,127.0      | 1,072.3       | 0.38                | -0.37                | 0.10                | -9.4                   | -18.0                   |
| 11,992.0     | 89.60      | 178.94               | 10,846.9      | -1,221.0      | 1,074.2       | 1.13                | 1.12                 | 0.18                | -7.9                   | -16.7                   |
| 12,086.0     | 89.16      | 178.77               | 10,847.9      | -1,314.9      | 1,076.1       | 0.50                | -0.47                | -0.18               | -6.9                   | -15.5                   |
| 12,180.0     | 92.33      | 178.59               | 10,846.7      | -1,408.9      | 1,078.2       | 3.38                | 3.37                 | -0.19               | -8.1                   | -13.9                   |
| 12,274.0     | 93.12      | 178.50               | 10,842.2      | -1,502.7      | 1,080.6       | 0.85                | 0.84                 | -0.10               | -12.6                  | -12.1                   |
| 12,368.0     | 91.54      | 178.94               | 10,838.4      | -1,596.6      | 1,082.7       | 1.74                | -1.68                | 0.47                | -16.4                  | -10.7                   |
| 12,462.0     | 90.57      | 178.50               | 10,836.7      | -1,690.6      | 1,084.8       | 1.13                | -1.03                | -0.47               | -18.2                  | -9.2                    |
| 12,556.0     | 90.04      | 178.24               | 10,836.2      | -1,784.6      | 1,087.5       | 0.63                | -0.56                | -0.28               | -18.7                  | -7.1                    |
| 12,650.0     | 89.69      | 177.89               | 10,836.4      | -1,878.5      | 1,090.7       | 0.53                | -0.37                | -0.37               | -18.5                  | -4.5                    |
| 12,744.0     | 89.52      | 177.01               | 10,837.1      | -1,972.4      | 1,094.9       | 0.95                | -0.18                | -0.94               | -17.8                  | -1.0                    |
| 12,839.0     | 88.81      | 176.83               | 10,838.4      | -2,067.3      | 1,100.0       | 0.77                | -0.75                | -0.19               | -16.4                  | 3.5                     |
| 12,933.0     | 88.64      | 178.86               | 10,840.5      | -2,161.2      | 1,103.5       | 2.17                | -0.18                | 2.16                | -14.4                  | 6.4                     |
| 13,027.0     | 88.11      | 178.59               | 10,843.2      | -2,255.1      | 1,105.6       | 0.63                | -0.56                | -0.29               | -11.7                  | 7.9                     |
| 13,122.0     | 88.37      | 178.68               | 10,846.1      | -2,350.0      | 1,107.8       | 0.29                | 0.27                 | 0.09                | -8.8                   | 9.5                     |
| 13,216.0     | 91.36      | 180.88               | 10,846.3      | -2,444.0      | 1,108.2       | 3.95                | 3.18                 | 2.34                | -8.6                   | 9.3                     |
| 13,309.0     | 91.89      | 180.35               | 10,843.7      | -2,537.0      | 1,107.2       | 0.81                | 0.57                 | -0.57               | -11.2                  | 7.7                     |
| 13,404.0     | 91.71      | 180.44               | 10,840.7      | -2,631.9      | 1,106.6       | 0.21                | -0.19                | 0.09                | -14.2                  | 6.4                     |
| 13,498.0     | 90.57      | 180.88               | 10,838.8      | -2,725.9      | 1,105.5       | 1.30                | -1.21                | 0.47                | -16.1                  | 4.7                     |
| 13,593.0     | 88.99      | 180.00               | 10,839.2      | -2,820.9      | 1,104.7       | 1.90                | -1.66                | -0.93               | -15.7                  | 3.4                     |
| 13,687.0     | 88.20      | 179.65               | 10,841.5      | -2,914.9      | 1,105.0       | 0.92                | -0.84                | -0.37               | -13.4                  | 3.0                     |
| 13,781.0     | 88.02      | 179.65               | 10,844.6      | -3,008.8      | 1,105.6       | 0.19                | -0.19                | 0.00                | -10.3                  | 3.0                     |
| 13,875.0     | 87.32      | 179.12               | 10,848.4      | -3,102.7      | 1,106.6       | 0.93                | -0.74                | -0.56               | -6.5                   | 3.4                     |
| 13,969.0     | 89.78      | 179.91               | 10,850.8      | -3,196.7      | 1,107.4       | 2.75                | 2.62                 | 0.84                | -4.2                   | 3.6                     |
| 14,064.0     | 89.52      | 179.12               | 10,851.4      | -3,291.7      | 1,108.2       | 0.88                | -0.27                | -0.83               | -3.6                   | 3.8                     |
| 14,158.0     | 89.25      | 179.73               | 10,852.4      | -3,385.7      | 1,109.2       | 0.71                | -0.29                | 0.65                | -2.6                   | 4.1                     |
| 14,252.0     | 92.59      | 180.52               | 10,850.9      | -3,479.6      | 1,108.9       | 3.65                | 3.55                 | 0.84                | -4.1                   | 3.3                     |



## 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 = 22' @ 3448.0usft |
| <b>Site:</b>     | Antietam 9 Fed Com          | <b>MD Reference:</b>                | KB = 22' @ 3448.0usft |
| <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) |  |
| 14,317.5                               | 92.23      | 180.34               | 10,848.1      | -3,545.0      | 1,108.5       | 0.61                | -0.55                | -0.27               | -6.9                   | 2.3                     |  |
| <b>TGT#1(Antietam 9 Fed Com #508H)</b> |            |                      |               |               |               |                     |                      |                     |                        |                         |  |
| 14,347.0                               | 92.07      | 180.26               | 10,847.0      | -3,574.6      | 1,108.3       | 0.61                | -0.55                | -0.27               | -8.0                   | 2.0                     |  |
| 14,441.0                               | 91.19      | 179.65               | 10,844.4      | -3,668.5      | 1,108.4       | 1.14                | -0.94                | -0.65               | -11.0                  | 1.5                     |  |
| 14,535.0                               | 90.31      | 179.47               | 10,843.1      | -3,762.5      | 1,109.1       | 0.96                | -0.94                | -0.19               | -12.5                  | 1.6                     |  |
| 14,629.0                               | 89.25      | 179.29               | 10,843.5      | -3,856.5      | 1,110.1       | 1.14                | -1.13                | -0.19               | -12.4                  | 2.0                     |  |
| 14,723.0                               | 89.25      | 178.68               | 10,844.7      | -3,950.5      | 1,111.8       | 0.65                | 0.00                 | -0.65               | -11.4                  | 3.0                     |  |
| 14,818.0                               | 88.37      | 177.80               | 10,846.7      | -4,045.4      | 1,114.7       | 1.31                | -0.93                | -0.93               | -9.7                   | 5.3                     |  |
| 14,911.0                               | 86.35      | 175.87               | 10,851.0      | -4,138.2      | 1,119.8       | 3.00                | -2.17                | -2.08               | -5.7                   | 9.8                     |  |
| 15,006.0                               | 86.70      | 177.71               | 10,856.7      | -4,232.8      | 1,125.1       | 1.97                | 0.37                 | 1.94                | -0.2                   | 14.5                    |  |
| 15,056.4                               | 87.55      | 178.99               | 10,859.3      | -4,283.1      | 1,126.6       | 3.04                | 1.69                 | 2.53                | 2.2                    | 15.6                    |  |
| <b>TGT#2(Antietam 9 Fed Com #508H)</b> |            |                      |               |               |               |                     |                      |                     |                        |                         |  |
| 15,100.0                               | 88.29      | 180.09               | 10,860.8      | -4,326.7      | 1,126.9       | 3.04                | 1.69                 | 2.53                | 3.8                    | 15.7                    |  |
| 15,194.0                               | 89.16      | 181.05               | 10,862.9      | -4,420.7      | 1,126.0       | 1.38                | 0.93                 | 1.02                | 5.9                    | 14.2                    |  |
| 15,288.0                               | 93.65      | 183.07               | 10,860.6      | -4,514.6      | 1,122.6       | 5.24                | 4.78                 | 2.15                | 3.6                    | 10.2                    |  |
| 15,382.0                               | 92.24      | 182.99               | 10,855.8      | -4,608.3      | 1,117.7       | 1.50                | -1.50                | -0.09               | -1.2                   | 4.6                     |  |
| 15,476.0                               | 90.57      | 182.55               | 10,853.5      | -4,702.2      | 1,113.1       | 1.84                | -1.78                | -0.47               | -3.5                   | -0.6                    |  |
| 15,570.0                               | 90.40      | 181.67               | 10,852.7      | -4,796.1      | 1,109.7       | 0.95                | -0.18                | -0.94               | -4.3                   | -4.6                    |  |
| 15,665.0                               | 89.69      | 180.96               | 10,852.6      | -4,891.1      | 1,107.5       | 1.06                | -0.75                | -0.75               | -4.4                   | -7.4                    |  |
| 15,759.0                               | 88.20      | 180.70               | 10,854.4      | -4,985.0      | 1,106.1       | 1.61                | -1.59                | -0.28               | -2.7                   | -9.4                    |  |
| 15,854.0                               | 89.08      | 181.23               | 10,856.6      | -5,080.0      | 1,104.5       | 1.08                | 0.93                 | 0.56                | -0.4                   | -11.6                   |  |
| 15,948.0                               | 91.45      | 181.23               | 10,856.2      | -5,174.0      | 1,102.5       | 2.52                | 2.52                 | 0.00                | -0.8                   | -14.3                   |  |
| 16,042.0                               | 91.28      | 180.88               | 10,853.9      | -5,267.9      | 1,100.8       | 0.41                | -0.18                | -0.37               | -3.1                   | -16.6                   |  |
| 16,136.0                               | 90.31      | 180.17               | 10,852.6      | -5,361.9      | 1,099.9       | 1.28                | -1.03                | -0.76               | -4.4                   | -18.1                   |  |
| 16,230.0                               | 89.08      | 179.29               | 10,853.1      | -5,455.9      | 1,100.4       | 1.61                | -1.31                | -0.94               | -3.9                   | -18.3                   |  |
| 16,325.0                               | 88.20      | 178.33               | 10,855.4      | -5,550.9      | 1,102.3       | 1.37                | -0.93                | -1.01               | -1.6                   | -16.9                   |  |
| 16,419.0                               | 89.08      | 179.47               | 10,857.6      | -5,644.8      | 1,104.1       | 1.53                | 0.94                 | 1.21                | 0.6                    | -15.7                   |  |



## 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 = 22' @ 3448.0usft |
| <b>Site:</b>     | Antietam 9 Fed Com          | <b>MD Reference:</b>                | KB = 22' @ 3448.0usft |
| <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) |
| 16,514.0                                                          | 89.96      | 180.61               | 10,858.4      | -5,739.8      | 1,104.1       | 1.52                | 0.93                 | 1.20                | 1.4                    | -16.4                   |
| 16,608.0                                                          | 91.01      | 180.61               | 10,857.6      | -5,833.8      | 1,103.1       | 1.12                | 1.12                 | 0.00                | 0.6                    | -18.0                   |
| 16,702.0                                                          | 91.63      | 180.17               | 10,855.5      | -5,927.8      | 1,102.4       | 0.81                | 0.66                 | -0.47               | -1.5                   | -19.3                   |
| 16,796.0                                                          | 91.10      | 179.73               | 10,853.2      | -6,021.7      | 1,102.5       | 0.73                | -0.56                | -0.47               | -3.8                   | -19.8                   |
| 16,891.0                                                          | 90.40      | 179.03               | 10,852.0      | -6,116.7      | 1,103.5       | 1.04                | -0.74                | -0.74               | -5.0                   | -19.4                   |
| 16,985.0                                                          | 89.43      | 178.86               | 10,852.1      | -6,210.7      | 1,105.3       | 1.05                | -1.03                | -0.18               | -4.9                   | -18.3                   |
| 17,079.0                                                          | 89.52      | 177.98               | 10,853.0      | -6,304.7      | 1,107.9       | 0.94                | 0.10                 | -0.94               | -4.0                   | -16.3                   |
| 17,173.0                                                          | 89.25      | 177.36               | 10,854.0      | -6,398.6      | 1,111.7       | 0.72                | -0.29                | -0.66               | -3.0                   | -13.1                   |
| 17,268.0                                                          | 89.52      | 177.19               | 10,855.0      | -6,493.5      | 1,116.2       | 0.34                | 0.28                 | -0.18               | -2.0                   | -9.2                    |
| 17,362.0                                                          | 88.81      | 177.10               | 10,856.4      | -6,587.4      | 1,120.9       | 0.76                | -0.76                | -0.10               | -0.6                   | -5.1                    |
| 17,456.0                                                          | 87.67      | 176.39               | 10,859.3      | -6,681.2      | 1,126.2       | 1.43                | -1.21                | -0.76               | 2.3                    | -0.4                    |
| 17,550.0                                                          | 90.22      | 177.62               | 10,861.0      | -6,775.0      | 1,131.1       | 3.01                | 2.71                 | 1.31                | 4.0                    | 3.9                     |
| 17,644.0                                                          | 90.22      | 179.03               | 10,860.6      | -6,869.0      | 1,133.9       | 1.50                | 0.00                 | 1.50                | 3.6                    | 6.0                     |
| 17,739.0                                                          | 90.84      | 179.29               | 10,859.7      | -6,963.9      | 1,135.3       | 0.71                | 0.65                 | 0.27                | 2.7                    | 6.8                     |
| 17,833.0                                                          | 91.80      | 179.73               | 10,857.6      | -7,057.9      | 1,136.1       | 1.12                | 1.02                 | 0.47                | 0.6                    | 7.0                     |
| 17,927.0                                                          | 91.19      | 178.86               | 10,855.1      | -7,151.9      | 1,137.2       | 1.13                | -0.65                | -0.93               | -1.9                   | 7.5                     |
| 18,021.0                                                          | 90.92      | 178.42               | 10,853.4      | -7,245.8      | 1,139.4       | 0.55                | -0.29                | -0.47               | -3.6                   | 9.1                     |
| 18,115.0                                                          | 89.43      | 178.06               | 10,853.1      | -7,339.8      | 1,142.3       | 1.63                | -1.59                | -0.38               | -3.9                   | 11.4                    |
| 18,209.0                                                          | 89.52      | 178.15               | 10,854.0      | -7,433.7      | 1,145.4       | 0.14                | 0.10                 | 0.10                | -3.0                   | 13.9                    |
| 18,304.0                                                          | 88.72      | 178.50               | 10,855.4      | -7,528.7      | 1,148.2       | 0.92                | -0.84                | 0.37                | -1.6                   | 16.1                    |
| Last MWD Survey (MD=18304.0')                                     |            |                      |               |               |               |                     |                      |                     |                        |                         |
| 18,430.0                                                          | 88.72      | 178.50               | 10,858.2      | -7,654.6      | 1,151.5       | 0.00                | 0.00                 | 0.00                | 1.2                    | 18.5                    |
| Projection to Bit (MD=18430.0') - PBHL (Antietam 9 Fed Com #508H) |            |                      |               |               |               |                     |                      |                     |                        |                         |



## 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 = 22' @ 3448.0usft |
| <b>Site:</b>     | Antietam 9 Fed Com          | <b>MD Reference:</b>                | KB = 22' @ 3448.0usft |
| <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                   |

| Design Annotations    |                       |                   |              |                                                                           |  |
|-----------------------|-----------------------|-------------------|--------------|---------------------------------------------------------------------------|--|
| Measured Depth (usft) | Vertical Depth (usft) | Local Coordinates |              |                                                                           |  |
|                       |                       | +N/-S (usft)      | +E/-W (usft) | Comment                                                                   |  |
| 10,324.0              | 10,235.4              | 100.0             | 940.8        | KOP, MD:10324.0', TVD:10235.4', N/S:100.0', E/W:940.8', INC:3.27          |  |
| 10,525.1              | 10,429.9              | 55.1              | 941.2        | FTP Crossing, MD:10525.1', TVD:10429.9', N/S:55.1', E/W:941.2', INC:22.41 |  |
| 18,304.0              | 10,855.4              | -7,528.7          | 1,148.2      | Last MWD Survey (MD=18304.0')                                             |  |
| 18,430.0              | 10,858.2              | -7,654.6          | 1,151.5      | Projection to Bit (MD=18430.0')                                           |  |

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

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

Kay Maddox 03/05/2021





Lea County, NM (NAD 83 NME)

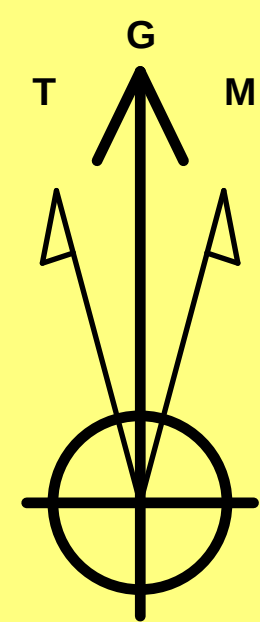
Antietam 9 Fed Com

#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: -0.40°  
Magnetic North: 6.22°

Magnetic Field  
Strength: 47528.0nT  
Dip Angle: 59.86°  
Date: 9/18/2020  
Model: IGRF2020

To convert a Magnetic Direction to a Grid Direction, Add 6.22°  
To convert a Magnetic Direction to a True Direction, Add 6.63° East  
To convert a True Direction to a Grid Direction, Subtract 0.40°

WELL DETAILS: #508H

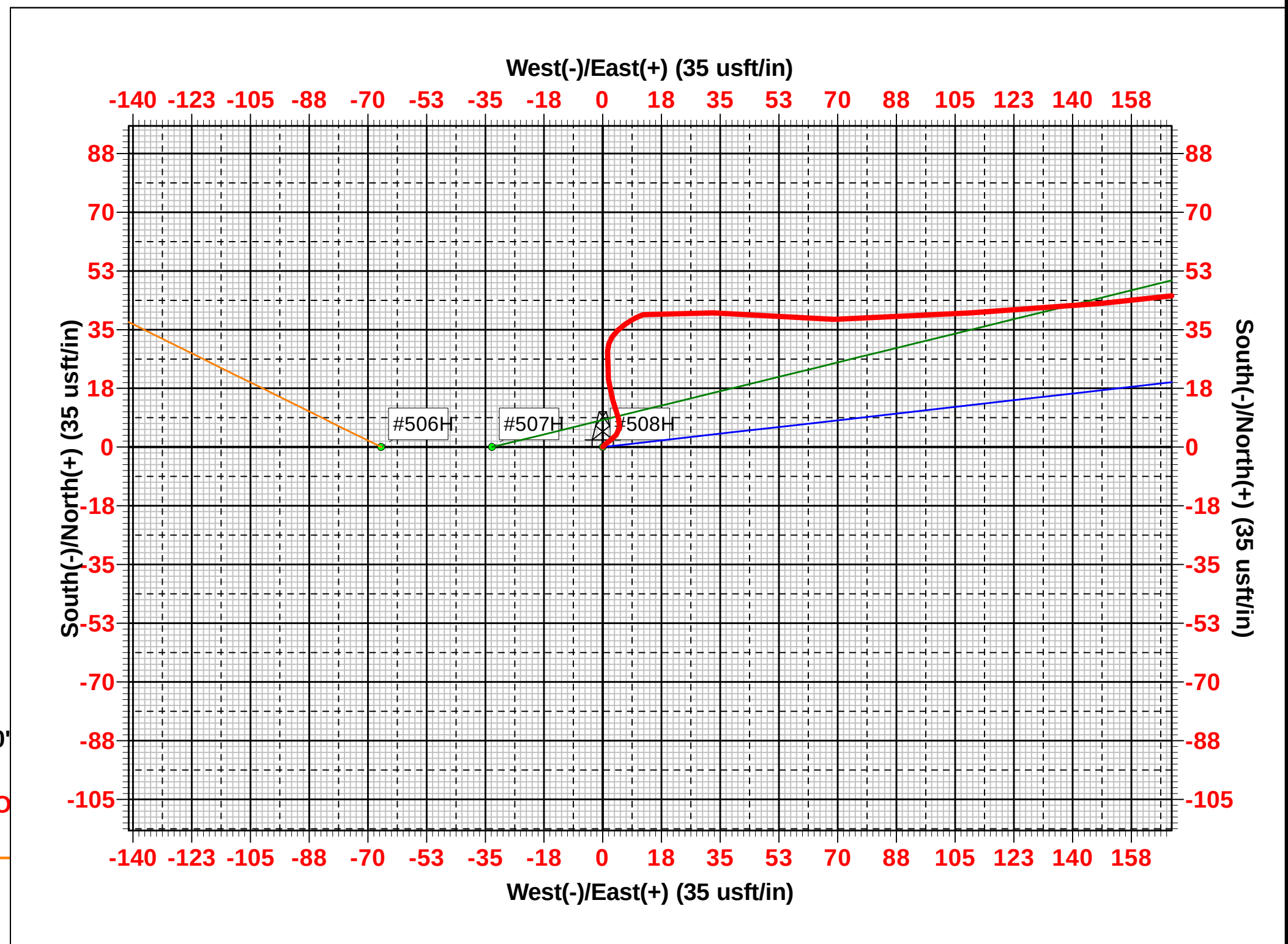
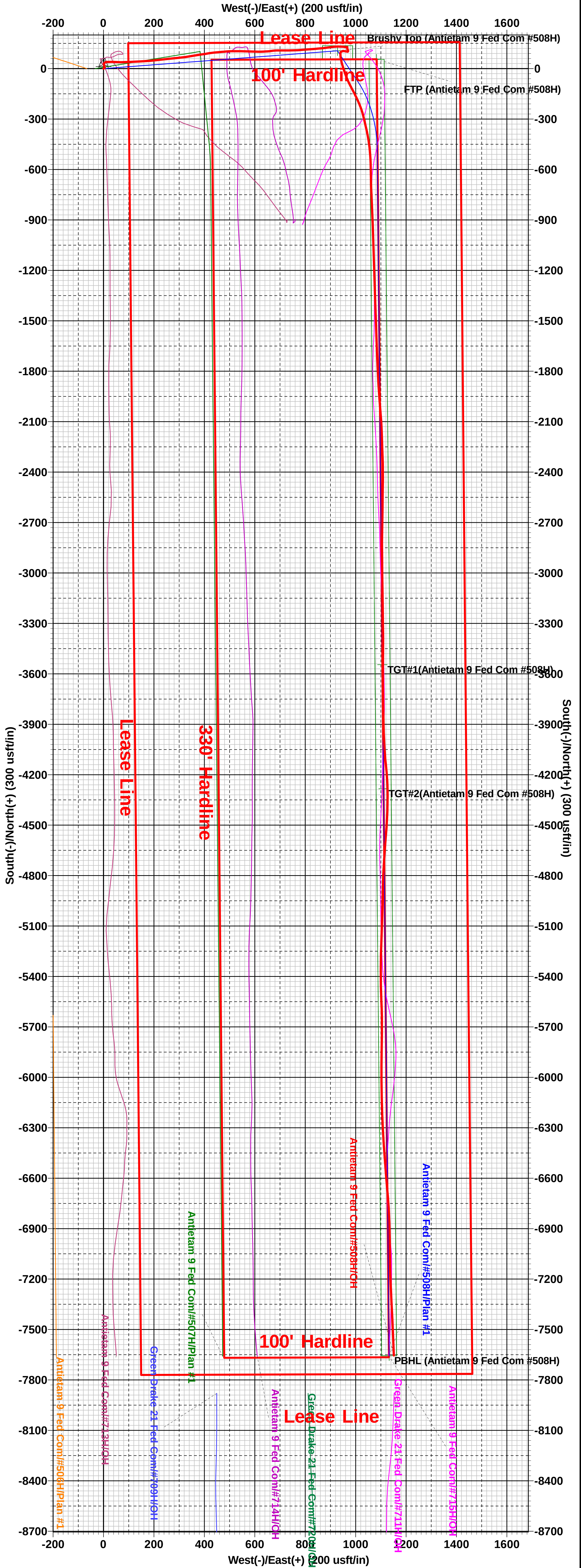
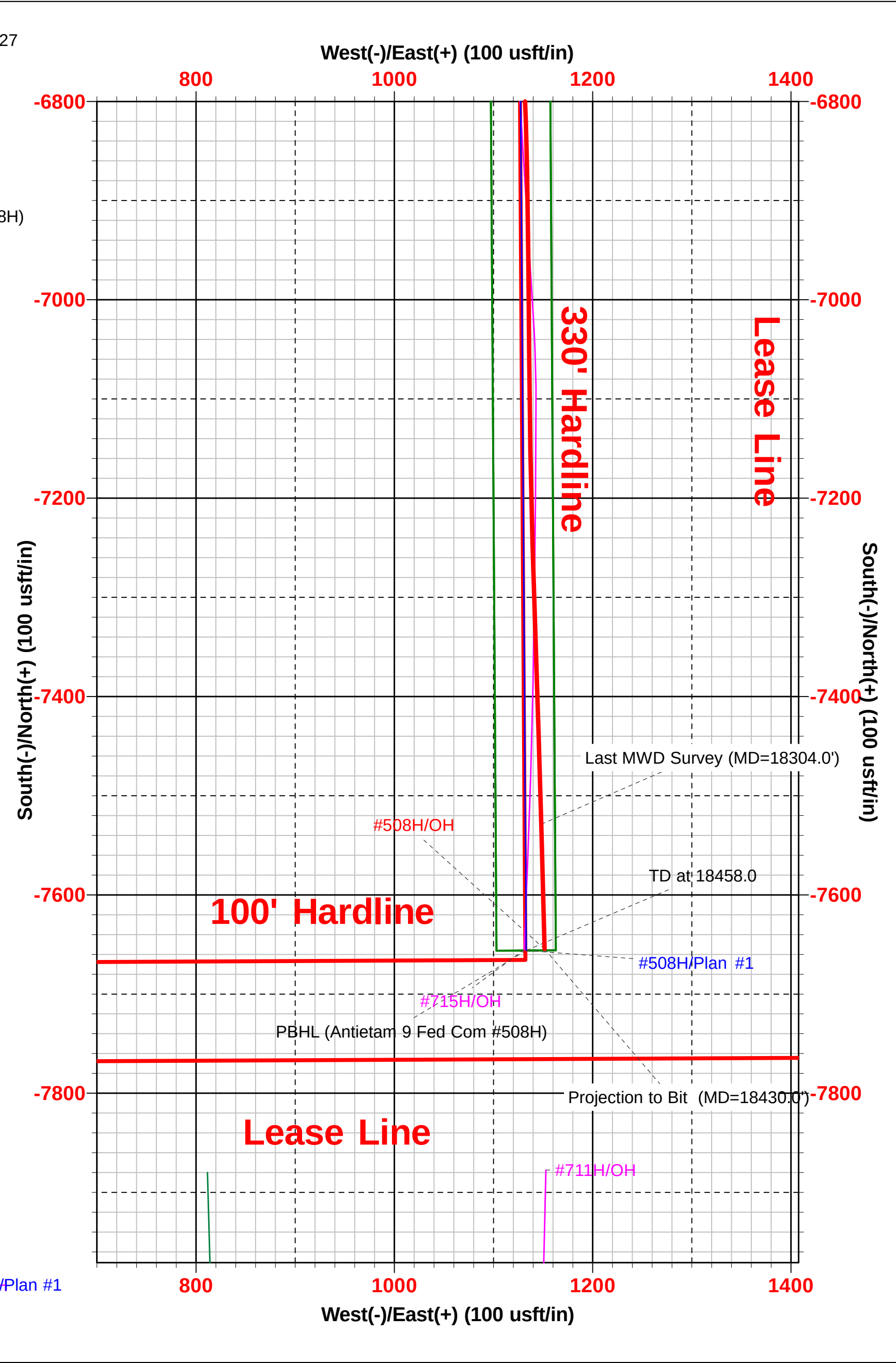
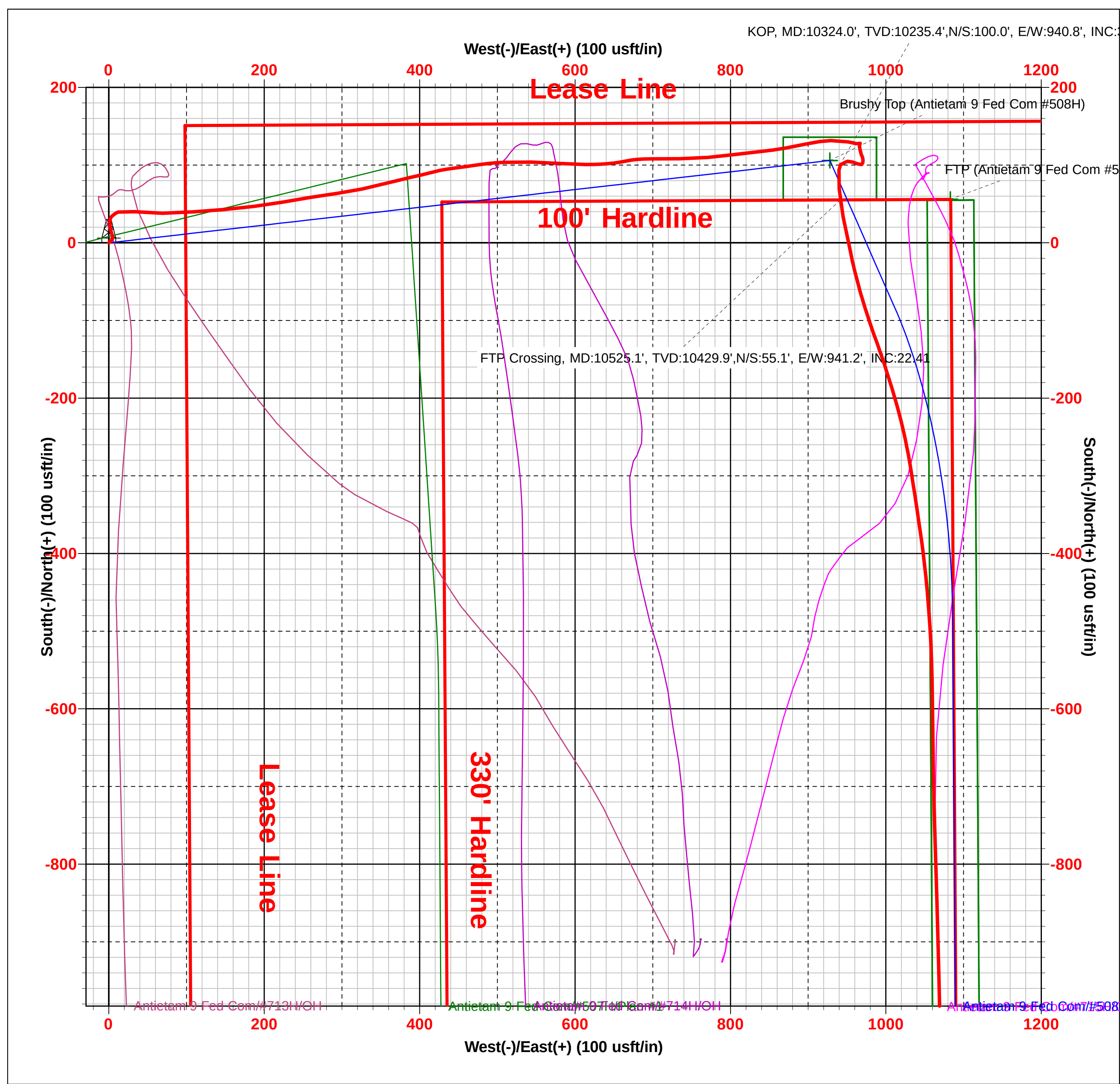
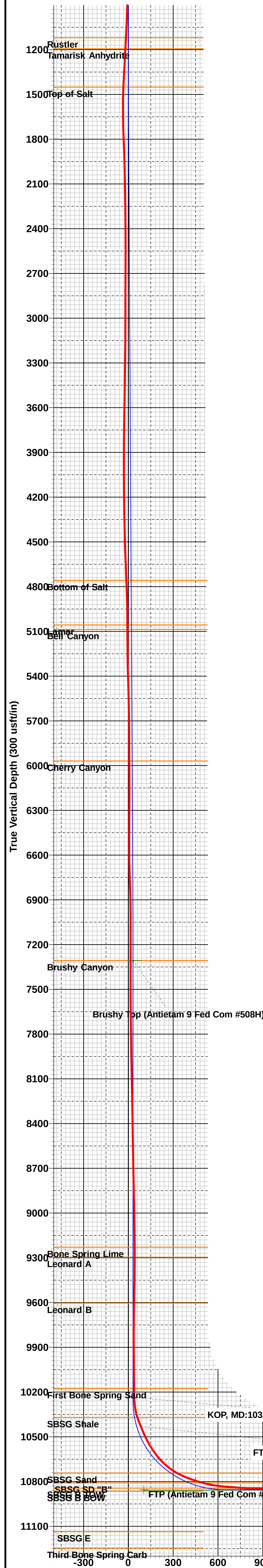
KB = 22' @ 3426.0  
3448.0usft  
+N/-S +E/-W Northing Easting Latitude Longitude Slot  
0.0 0.0 419838.00 776543.00 32.1519309°N 103.5733305°W

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   | 1200.0  | 0.00  | 0.00   | 1200.0  | 0.0     | 0.0    | 0.00  | 0.00    | 0.0    |                                       |
| 3   | 1670.5  | 9.41  | 83.48  | 1668.4  | 4.4     | 38.3   | 2.00  | 83.48   | 1.3    |                                       |
| 4   | 6911.2  | 9.41  | 83.48  | 6838.6  | 101.6   | 889.7  | 0.00  | 0.00    | 29.7   |                                       |
| 5   | 7381.8  | 0.00  | 0.00   | 7307.0  | 106.0   | 928.0  | 2.00  | 180.00  | 31.0   | Brushy Top (Antietam 9 Fed Com #508H) |
| 6   | 10336.8 | 0.00  | 0.00   | 10262.0 | 106.0   | 928.0  | 0.00  | 0.00    | 31.0   |                                       |
| 7   | 10836.8 | 50.00 | 156.20 | 10700.9 | -81.3   | 1010.6 | 10.00 | 156.20  | 228.3  |                                       |
| 8   | 11290.1 | 90.00 | 179.63 | 10854.7 | -488.3  | 1086.1 | 10.00 | 33.98   | 642.0  | TGT#1(Antietam 9 Fed Com #508H)       |
| 9   | 14347.2 | 90.00 | 179.63 | 10855.0 | -3545.3 | 1106.1 | 0.00  | 0.00    | 3669.0 |                                       |
| 10  | 14354.8 | 89.84 | 179.63 | 10855.0 | -3552.9 | 1106.2 | 2.00  | -179.95 | 3676.5 | TGT#2(Antietam 9 Fed Com #508H)       |
| 11  | 15085.4 | 89.84 | 179.63 | 10857.0 | -4283.5 | 1110.9 | 0.00  | 0.00    | 4400.0 |                                       |
| 12  | 15093.2 | 90.00 | 179.63 | 10857.0 | -4291.3 | 1111.0 | 2.00  | 0.00    | 4407.7 |                                       |
| 13  | 18458.0 | 90.00 | 179.63 | 10857.0 | -7656.0 | 1133.0 | 0.00  | 0.00    | 7739.4 | PBHL (Antietam 9 Fed Com #508H)       |

WELLBORE TARGET DETAILS (MAP CO-ORDINATES)

| Name                                  | TVD     | +N/-S   | +E/-W  | Northing  | Easting   | Shape                         |
|---------------------------------------|---------|---------|--------|-----------|-----------|-------------------------------|
| Brushy Top (Antietam 9 Fed Com #508H) | 7307.0  | 106.0   | 928.0  | 419944.00 | 777471.00 | Polygon                       |
| FTP (Antietam 9 Fed Com #508H)        | 10855.0 | 56.0    | 1083.0 | 419894.00 | 777626.00 | Point                         |
| TGT#1(Antietam 9 Fed Com #508H)       | 10855.0 | -3545.3 | 1106.1 | 416292.70 | 777649.12 | Point                         |
| PBHL (Antietam 9 Fed Com #508H)       | 10857.0 | -7656.0 | 1133.0 | 412182.00 | 777676.00 | Rectangle (Sides: L0.0 W60.0) |
| TGT#2(Antietam 9 Fed Com #508H)       | 10857.0 | -4283.5 | 1110.9 | 415554.50 | 777653.94 | Point                         |





Intent ☐ As Drilled ☐

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

## Kick Off Point (KOP)

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

## First Take Point (FTP)

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

## Last Take Point (LTP)

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

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

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

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

KZ 06/29/2018

|                                                                                                                                                                                                                                                                                                                                                                                       |                                            |                                                                                                                                                                                       |                                                               |                          |                                             |                                                             |                                                                     |                                                                       |          |               |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------|--------------------------|---------------------------------------------|-------------------------------------------------------------|---------------------------------------------------------------------|-----------------------------------------------------------------------|----------|---------------|
| Submit To Appropriate District Office<br>Two Copies<br><u>District I</u><br>1625 N. French Dr., Hobbs, NM 88240<br><u>District II</u><br>811 S. First St., Artesia, NM 88210<br><u>District III</u><br>1000 Rio Brazos Rd., Aztec, NM 87410<br><u>District IV</u><br>1220 S. St. Francis Dr., Santa Fe, NM 87505                                                                      |                                            | <b>State of New Mexico</b><br><b>Energy, Minerals and Natural Resources</b><br><br><b>Oil Conservation Division</b><br><b>1220 South St. Francis Dr.</b><br><b>Santa Fe, NM 87505</b> |                                                               |                          | <b>Form C-105</b><br>Revised August 1, 2011 |                                                             |                                                                     |                                                                       |          |               |
| WELL COMPLETION OR RECOMPLETION REPORT AND LOG                                                                                                                                                                                                                                                                                                                                        |                                            |                                                                                                                                                                                       |                                                               |                          |                                             |                                                             |                                                                     |                                                                       |          |               |
| 4. Reason for filing:<br><input checked="" type="checkbox"/> <b>COMPLETION REPORT</b> (Fill in boxes #1 through #31 for State and Fee wells only)<br><br><input type="checkbox"/> <b>C-144 CLOSURE ATTACHMENT</b> (Fill in boxes #1 through #9, #15 Date Rig Released and #32 and/or #33; attach this and the plat to the C-144 closure report in accordance with 19.15.17.13.K NMAC) |                                            |                                                                                                                                                                                       |                                                               |                          |                                             |                                                             |                                                                     | 5. Lease Name or Unit Agreement Name<br><b>ANTIETAM 9 FEDERAL COM</b> |          |               |
|                                                                                                                                                                                                                                                                                                                                                                                       |                                            |                                                                                                                                                                                       |                                                               |                          |                                             |                                                             |                                                                     | 6. Well Number:<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>DRAPER MILL; BONE SPRING (96392)</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>                                                                                                                                                                                                                                                                                                                                                                       | C                                          | 9                                                                                                                                                                                     | 25S                                                           | 33E                      |                                             | 150                                                         | NORTH                                                               | 1413                                                                  | EAST     | LEA           |
| <b>BH:</b>                                                                                                                                                                                                                                                                                                                                                                            | H                                          | 16                                                                                                                                                                                    | 25S                                                           | 33E                      |                                             | 2531                                                        | NORTH                                                               | 311                                                                   | EAST     | LEA           |
| 13. Date Spudded<br><b>07/27/2020</b>                                                                                                                                                                                                                                                                                                                                                 | 14. Date T.D. Reached<br><b>08/26/2020</b> |                                                                                                                                                                                       | 15. Date Rig Released<br><b>08/27/2020</b>                    |                          |                                             | 16. Date Completed (Ready to Produce)<br><b>02/08/2021</b>  |                                                                     | 17. Elevations (DF and RKB, RT, GR, etc.) <b>3426' GR</b>             |          |               |
| 18. Total Measured Depth of Well<br><b>MD 18,430' TVD 10,858'</b>                                                                                                                                                                                                                                                                                                                     |                                            |                                                                                                                                                                                       | 19. Plug Back Measured Depth<br><b>MD 18,403' TVD 10,858'</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 11,120 - 18,403'</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                                                                                                                                                                            |                                                               | 1,238'                   |                                             | 17 1/2"                                                     |                                                                     | 1080 CL C/CIRC                                                        |          |               |
| 9 5/8"                                                                                                                                                                                                                                                                                                                                                                                |                                            | 40# ECP 110                                                                                                                                                                           |                                                               | 4,992'                   |                                             | 12 1/4"                                                     |                                                                     | 1310 CL C/CIRC                                                        |          |               |
| 5 1/2"                                                                                                                                                                                                                                                                                                                                                                                |                                            | 20# HCP 110                                                                                                                                                                           |                                                               | 18,413'                  |                                             | 7 7/8"                                                      |                                                                     | 1800 CL H TOC 3500' 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>11,120 - 18,403' 3 1/8", 1560 holes</b>                                                                                                                                                                                                                                                                                 |                                            |                                                                                                                                                                                       |                                                               |                          |                                             | 27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.             |                                                                     |                                                                       |          |               |
|                                                                                                                                                                                                                                                                                                                                                                                       |                                            |                                                                                                                                                                                       |                                                               |                          |                                             | DEPTH INTERVAL                                              |                                                                     | AMOUNT AND KIND MATERIAL USED                                         |          |               |
|                                                                                                                                                                                                                                                                                                                                                                                       |                                            |                                                                                                                                                                                       |                                                               |                          |                                             | 11,120-18,403'                                              |                                                                     | FRAC W/17,849,680 lbs proppant, 302,149 bbls load fld                 |          |               |
|                                                                                                                                                                                                                                                                                                                                                                                       |                                            |                                                                                                                                                                                       |                                                               |                          |                                             |                                                             |                                                                     |                                                                       |          |               |
| <b>28. PRODUCTION</b>                                                                                                                                                                                                                                                                                                                                                                 |                                            |                                                                                                                                                                                       |                                                               |                          |                                             |                                                             |                                                                     |                                                                       |          |               |
| Date First Production<br><b>02/08/2021</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>02/19/2021</b>                                                                                                                                                                                                                                                                                                                                                     | Hours Tested<br><b>24</b>                  | Choke Size<br><b>78</b>                                                                                                                                                               | Prod'n For Test Period                                        | Oil - Bbl<br><b>2385</b> | Gas - MCF<br><b>3255</b>                    | Water - Bbl.<br><b>5982</b>                                 | Gas - Oil Ratio<br><b>1365</b>                                      |                                                                       |          |               |
| Flow Tubing Press.                                                                                                                                                                                                                                                                                                                                                                    | Casing Pressure<br><b>620</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>03/09/2021</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 | 1120' | T. Canyon        | Brushy                  | 7307' | T. Ojo Alamo       | T. Penn A"       |
| T. Salt                 |         | 1451' | T. Strawn        |                         |       | T. Kirtland        | T. Penn. "B"     |
| B. Salt                 |         | 4758' | T. Atoka         |                         |       | T. Fruitland       | T. Penn. "C"     |
| T. Yates                |         |       | T. Miss          |                         |       | T. Pictured Cliffs | T. Penn. "D"     |
| T. 7 Rivers             |         |       | T. Devonian      |                         |       | T. Cliff House     | T. Leadville     |
| T. Queen                |         |       | T. Silurian      |                         |       | T. Menefee         | T. Madison       |
| T. Grayburg             |         |       | T. Montoya       |                         |       | T. Point Lookout   | T. Elbert        |
| T. San Andres           |         |       | T. Simpson       |                         |       | T. Mancos          | T. McCracken     |
| T. Glorieta             |         |       | T. McKee         |                         |       | T. Gallup          | T. Ignacio Otzte |
| T. Paddock              |         |       | T. Ellenburger   |                         |       | Base Greenhorn     | T. Granite       |
| T. Blinebry             |         |       | T. Gr. Wash      |                         |       | T. Dakota          |                  |
| T. Tubb                 |         |       | T. Delaware Sand |                         |       | T. Morrison        |                  |
| T. Drinkard             |         |       | T. Bone Springs  |                         |       | T. Todilto         |                  |
| T. Abo                  |         |       | T. 1st BS Sand   | 10,177'                 |       | T. Entrada         |                  |
| T. Wolfcamp             |         |       | T. 2nd BS Sand   | 10,744'                 |       | T. Wingate         |                  |
| T. Penn                 |         |       | T.               |                         |       | T. Chinle          |                  |
| T. Cisco (Bough C)      |         |       | T.               |                         |       | T. Permian         |                  |

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

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

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

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



**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 20330

**ACKNOWLEDGMENTS**

|                                                                      |                                                    |
|----------------------------------------------------------------------|----------------------------------------------------|
| Operator:<br>EOG RESOURCES INC<br>P.O. Box 2267<br>Midland, TX 79702 | OGRID:<br>7377                                     |
|                                                                      | Action Number:<br>20330                            |
|                                                                      | 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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**Oil Conservation Division**  
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CONDITIONS  
  
Action 20330

CONDITIONS

|                                                                      |                                                    |
|----------------------------------------------------------------------|----------------------------------------------------|
| Operator:<br>EOG RESOURCES INC<br>P.O. Box 2267<br>Midland, TX 79702 | OGRID:<br>7377                                     |
|                                                                      | Action Number:<br>20330                            |
|                                                                      | Action Type:<br>[C-104] Completion Packet (C-104C) |

CONDITIONS

| Created By | Condition                                               | Condition Date |
|------------|---------------------------------------------------------|----------------|
| plmartinez | File 3160-4 within 10 days to NMOCD after BLM approval. | 6/16/2021      |