

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 02/07/2021 |
| <sup>4</sup> API Number<br>30 - 025-47372                                                          | <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>503H                                     |

**II. <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 |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| D             | 9       | 25S      | 33E   |         | 722           | NORTH            | 1229          | WEST           | 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 |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| F             | 16      | 25S      | 33E   |         | 2529          | NORTH            | 1672          | WEST           | 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>08/21/2020 | <sup>22</sup> Ready Date<br>02/07/2021 | <sup>23</sup> TD<br>18,656' | <sup>24</sup> PBDT<br>18,633' | <sup>25</sup> Perforations<br>11,224-18,633' | <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"                            | 1295'                   | 860 SXS CL C/CIRC          |
| 12 1/4"                 | 9 5/8"                             | 5041'                   | 1485 SXS CL C/CIRC         |
| 8 3/4"                  | 7 5/8"                             | 9093'                   | 1365 SXS CL C&H TOC 27'    |
| 6 3/4"                  | 5 1/2"                             | 18,642'                 | 680 SXS CL H TOC 8400' CBL |

**V. Well Test Data**

|                                          |                                               |                                       |                                     |                             |                                    |
|------------------------------------------|-----------------------------------------------|---------------------------------------|-------------------------------------|-----------------------------|------------------------------------|
| <sup>31</sup> Date New Oil<br>02/07/2021 | <sup>32</sup> Gas Delivery Date<br>02/07/2021 | <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>775 |
| <sup>37</sup> Choke Size<br>78           | <sup>38</sup> Oil<br>1719                     | <sup>39</sup> Water<br>4915           | <sup>40</sup> Gas<br>2319           |                             | <sup>41</sup> Test Method          |

|                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                              |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|
| <sup>42</sup> I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.<br>Signature:<br>Kay Maddox<br>Printed name:<br>Kay Maddox<br>Title:<br>SENIOR REGULATORY SPECIALIST<br>E-mail Address:<br>kay_maddox@eogresources.com<br>Date:<br>03/09/2021 | OIL CONSERVATION DIVISION<br>Approved by: PATRICIA MARTINEZ<br>Title:<br>PETROLEUM SPECIALIST<br>Approval Date:<br>6/15/2021 |
|                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                              |
|                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                              |
|                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                              |
|                                                                                                                                                                                                                                                                                                                                                                                        | Phone: 432-638-8475                                                                                                          |

District I  
1625 N. French Dr., Hobbs, NM 88240  
Phone: (575) 393-6161 Fax: (575) 393-0720  
District II  
811 S. First St., Artesia, NM 88210  
Phone: (575) 748-1283 Fax: (575) 748-9720  
District III  
1000 Rio Brazos Road, Aztec, NM 87410  
Phone: (505) 334-6178 Fax: (505) 334-6170  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505  
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico  
Energy, Minerals & Natural Resources  
Department  
OIL CONSERVATION DIVISION  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

FORM C-102

Revised August 1, 2011

Submit one copy to appropriate

District Office

☐ AMENDED REPORT

## WELL LOCATION AND ACREAGE DEDICATION PLAT

|                                         |                                                   |                                                    |
|-----------------------------------------|---------------------------------------------------|----------------------------------------------------|
| <sup>1</sup> API Number<br>30-025-47472 | <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>#503H                  |
| <sup>7</sup> OGRID No.<br>7377          | <sup>8</sup> Operator Name<br>EOG RESOURCES, INC. | <sup>9</sup> Elevation<br>3430'                    |

<sup>10</sup>Surface Location

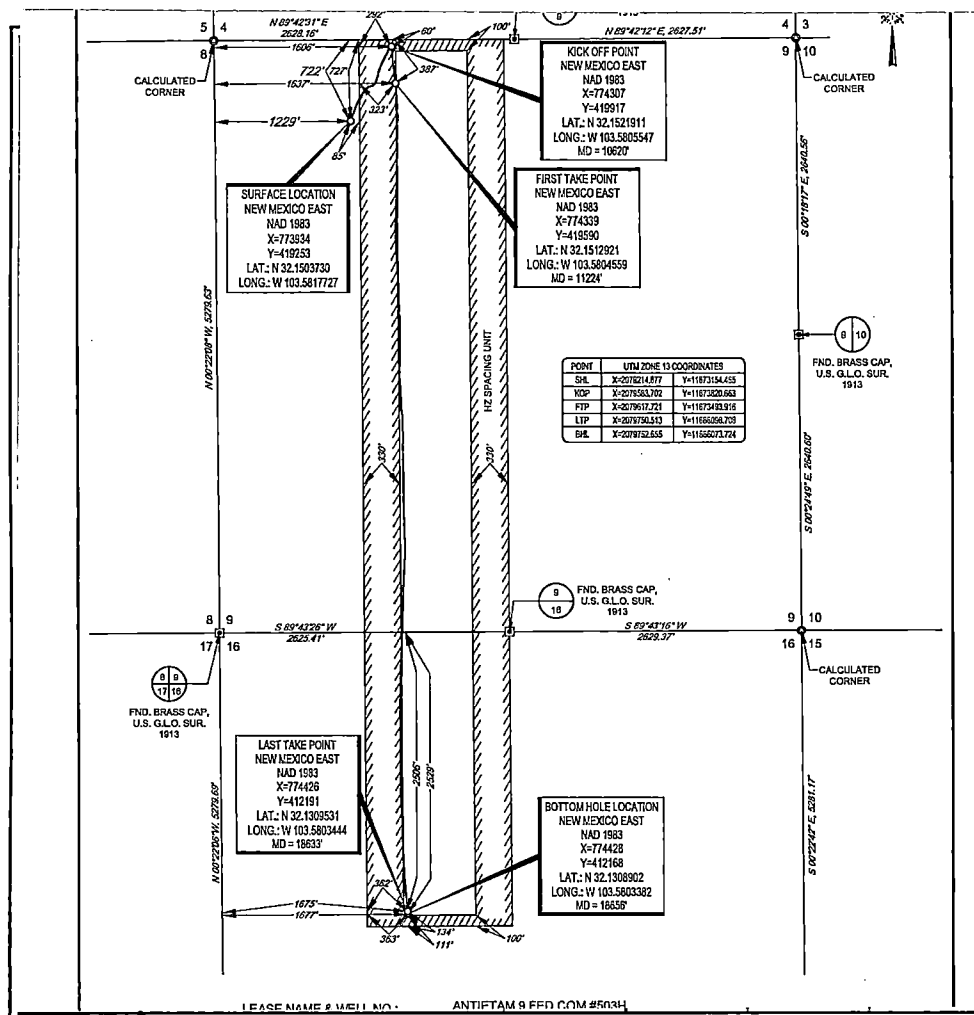
| UL or lot no. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| D             | 9       | 25-S     | 33-E  | -       | 722'          | NORTH            | 1229'         | WEST           | 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 |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| F             | 16      | 25-S     | 33-E  | -       | 2529'         | NORTH            | 1672'         | WEST           | 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

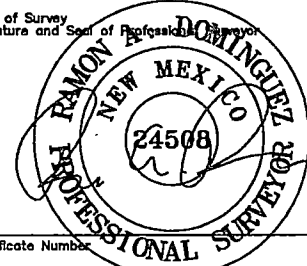
E-mail Address

<sup>18</sup>SURVEYOR CERTIFICATION

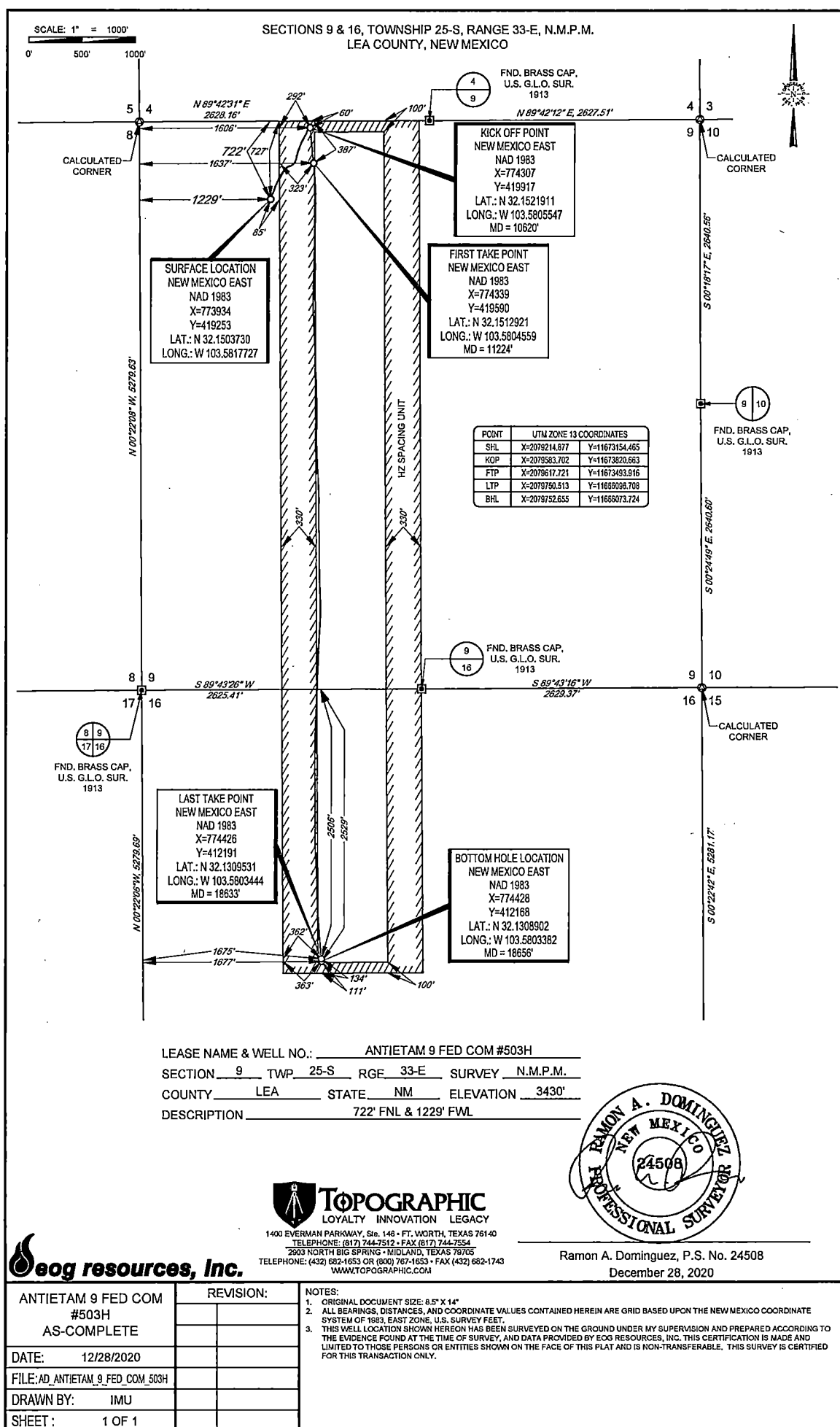
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true to the best of my belief.

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

#503H

OH

Design: OH

## **Midland PVA**

19 October, 2020



## EOG Resources

Midland PVA

|                  |                             |                                     |                       |
|------------------|-----------------------------|-------------------------------------|-----------------------|
| <b>Company:</b>  | EOG Resources - Midland     | <b>Local Co-ordinate Reference:</b> | Well #503H            |
| <b>Project:</b>  | Lea County, NM (NAD 83 NME) | <b>TVD Reference:</b>               | KB = 26' @ 3456.0usft |
| <b>Site:</b>     | Antietam 9 Fed Com          | <b>MD Reference:</b>                | KB = 26' @ 3456.0usft |
| <b>Well:</b>     | #503H                       | <b>North Reference:</b>             | Grid                  |
| <b>Wellbore:</b> | OH                          | <b>Survey Calculation Method:</b>   | Minimum Curvature     |
| <b>Design:</b>   | OH                          | <b>Database:</b>                    | 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 | Latitude:  | 32° 9' 6.852 N    |                   |      |   |
| From:                 | Map | Easting:           |      | 774,698.00   | usft | Longitude: | 103° 34' 45.452 W |                   |      |   |
| Position Uncertainty: |     | 0.0                | usft | Slot Radius: |      | 13-3/16    | "                 | Grid Convergence: | 0.40 | ° |

| Well                 |       | #503H    |                     |                 |               |                   |
|----------------------|-------|----------|---------------------|-----------------|---------------|-------------------|
| Well Position        | +N/-S | 0.0 usft | Northing:           | 419,253.00 usft | Latitude:     | 32° 9' 1.344 N    |
|                      | +E/-W | 0.0 usft | Easting:            | 773,934.00 usft | Longitude:    | 103° 34' 54.384 W |
| Position Uncertainty |       | 0.0 usft | Wellhead Elevation: | usft            | Ground Level: | 3,430.0 usft      |

|           |            |             |                    |                  |                        |
|-----------|------------|-------------|--------------------|------------------|------------------------|
| Wellbore  | OH         |             |                    |                  |                        |
|           |            |             |                    |                  |                        |
| Magnetics | Model Name | Sample Date | Declination<br>(°) | Dip Angle<br>(°) | Field Strength<br>(nT) |
|           | IGRF2020   | 10/26/2020  | 6.62               | 59.85            | 47,515.30567211        |

|                   |  |                            |        |                 |        |                 |  |                  |
|-------------------|--|----------------------------|--------|-----------------|--------|-----------------|--|------------------|
| 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             |  | 176.23           |

| Survey Program |              | Date                 | 10/19/2020   |             |  |
|----------------|--------------|----------------------|--------------|-------------|--|
| From<br>(usft) | To<br>(usft) | Survey (Wellbore)    | Tool Name    | Description |  |
| 200.0          | 18,656.0     | Driltech MWD #1 (OH) | EOG MWD+IFR1 | MWD + IFR1  |  |



## EOG Resources

Midland PVA

|                  |                             |                                     |                       |
|------------------|-----------------------------|-------------------------------------|-----------------------|
| <b>Company:</b>  | EOG Resources - Midland     | <b>Local Co-ordinate Reference:</b> | Well #503H            |
| <b>Project:</b>  | Lea County, NM (NAD 83 NME) | <b>TVD Reference:</b>               | KB = 26' @ 3456.0usft |
| <b>Site:</b>     | Antietam 9 Fed Com          | <b>MD Reference:</b>                | KB = 26' @ 3456.0usft |
| <b>Well:</b>     | #503H                       | <b>North Reference:</b>             | Grid                  |
| <b>Wellbore:</b> | OH                          | <b>Survey Calculation Method:</b>   | Minimum Curvature     |
| <b>Design:</b>   | OH                          | <b>Database:</b>                    | 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        | 0.26       | 81.03                | 200.0         | 0.1           | 0.4           | 0.13                | 0.13                 | 0.00                | 0.0                    | 0.0                     |
| 392.0        | 0.53       | 151.36               | 392.0         | -0.6          | 1.3           | 0.26                | 0.14                 | 36.63               | 0.0                    | 0.0                     |
| 571.0        | 0.53       | 162.16               | 571.0         | -2.2          | 2.0           | 0.06                | 0.00                 | 6.03                | 0.0                    | 0.0                     |
| 765.0        | 0.53       | 232.73               | 765.0         | -3.6          | 1.5           | 0.32                | 0.00                 | 36.38               | 0.0                    | 0.0                     |
| 955.0        | 1.23       | 246.44               | 955.0         | -4.9          | -1.1          | 0.38                | 0.37                 | 7.22                | 0.0                    | 0.0                     |
| 1,050.0      | 0.97       | 255.67               | 1,049.9       | -5.5          | -2.8          | 0.33                | -0.27                | 9.72                | 0.0                    | 0.0                     |
| 1,145.0      | 1.14       | 257.52               | 1,144.9       | -5.9          | -4.5          | 0.18                | 0.18                 | 1.95                | 0.0                    | 0.0                     |
| 1,234.0      | 0.70       | 308.85               | 1,233.9       | -5.8          | -5.8          | 1.00                | -0.49                | 57.67               | 0.0                    | 0.0                     |
| 1,354.0      | 0.44       | 345.14               | 1,353.9       | -4.9          | -6.4          | 0.36                | -0.22                | 30.24               | 0.0                    | 0.0                     |
| 1,450.0      | 0.70       | 348.48               | 1,449.9       | -3.9          | -6.7          | 0.27                | 0.27                 | 3.48                | 0.0                    | 0.0                     |
| 1,545.0      | 0.53       | 319.48               | 1,544.9       | -3.0          | -7.1          | 0.37                | -0.18                | -30.53              | 0.0                    | 0.0                     |
| 1,639.0      | 0.35       | 341.80               | 1,638.9       | -2.4          | -7.4          | 0.26                | -0.19                | 23.74               | 0.0                    | 0.0                     |
| 1,735.0      | 1.14       | 357.36               | 1,734.9       | -1.2          | -7.6          | 0.84                | 0.82                 | 16.21               | 0.0                    | 0.0                     |
| 1,830.0      | 3.52       | 17.22                | 1,829.8       | 2.5           | -6.7          | 2.61                | 2.51                 | 20.91               | 0.0                    | 0.0                     |
| 1,926.0      | 5.10       | 24.69                | 1,925.5       | 9.2           | -4.1          | 1.74                | 1.65                 | 7.78                | 0.0                    | 0.0                     |
| 2,021.0      | 5.19       | 28.56                | 2,020.1       | 16.8          | -0.3          | 0.38                | 0.09                 | 4.07                | 0.0                    | 0.0                     |
| 2,116.0      | 5.89       | 33.57                | 2,114.7       | 24.7          | 4.5           | 0.89                | 0.74                 | 5.27                | 0.0                    | 0.0                     |
| 2,212.0      | 6.77       | 28.30                | 2,210.1       | 33.8          | 9.9           | 1.10                | 0.92                 | -5.49               | 0.0                    | 0.0                     |
| 2,307.0      | 8.18       | 24.61                | 2,304.3       | 44.8          | 15.4          | 1.57                | 1.48                 | -3.88               | 0.0                    | 0.0                     |
| 2,402.0      | 7.83       | 22.85                | 2,398.4       | 57.0          | 20.7          | 0.45                | -0.37                | -1.85               | 0.0                    | 0.0                     |
| 2,497.0      | 7.74       | 24.61                | 2,492.5       | 68.7          | 25.9          | 0.27                | -0.09                | 1.85                | 0.0                    | 0.0                     |
| 2,593.0      | 7.65       | 23.03                | 2,587.6       | 80.5          | 31.0          | 0.24                | -0.09                | -1.65               | 0.0                    | 0.0                     |
| 2,689.0      | 7.56       | 21.97                | 2,682.8       | 92.2          | 35.9          | 0.17                | -0.09                | -1.10               | 0.0                    | 0.0                     |
| 2,784.0      | 7.30       | 19.86                | 2,777.0       | 103.7         | 40.3          | 0.40                | -0.27                | -2.22               | 0.0                    | 0.0                     |
| 2,880.0      | 7.12       | 21.36                | 2,872.2       | 115.0         | 44.5          | 0.27                | -0.19                | 1.56                | 0.0                    | 0.0                     |
| 2,975.0      | 7.83       | 21.27                | 2,966.4       | 126.5         | 49.0          | 0.75                | 0.75                 | -0.09               | 0.0                    | 0.0                     |



## EOG Resources

Midland PVA

|                  |                             |                                     |                       |
|------------------|-----------------------------|-------------------------------------|-----------------------|
| <b>Company:</b>  | EOG Resources - Midland     | <b>Local Co-ordinate Reference:</b> | Well #503H            |
| <b>Project:</b>  | Lea County, NM (NAD 83 NME) | <b>TVD Reference:</b>               | KB = 26' @ 3456.0usft |
| <b>Site:</b>     | Antietam 9 Fed Com          | <b>MD Reference:</b>                | KB = 26' @ 3456.0usft |
| <b>Well:</b>     | #503H                       | <b>North Reference:</b>             | Grid                  |
| <b>Wellbore:</b> | OH                          | <b>Survey Calculation Method:</b>   | Minimum Curvature     |
| <b>Design:</b>   | OH                          | <b>Database:</b>                    | EDM                   |

| Survey       |            |                      |               |               |               |                     |                      |                     |                        |                         |  |
|--------------|------------|----------------------|---------------|---------------|---------------|---------------------|----------------------|---------------------|------------------------|-------------------------|--|
| MD<br>(usft) | Inc<br>(°) | Azi (azimuth)<br>(°) | TVD<br>(usft) | N/S<br>(usft) | E/W<br>(usft) | DLeg<br>(°/100usft) | Build<br>(°/100usft) | Turn<br>(°/100usft) | High to Plan<br>(usft) | Right to Plan<br>(usft) |  |
| 3,070.0      | 9.50       | 24.26                | 3,060.3       | 139.7         | 54.6          | 1.82                | 1.76                 | 3.15                | 0.0                    | 0.0                     |  |
| 3,165.0      | 9.41       | 25.05                | 3,154.1       | 153.9         | 61.1          | 0.17                | -0.09                | 0.83                | 0.0                    | 0.0                     |  |
| 3,260.0      | 9.41       | 25.75                | 3,247.8       | 167.9         | 67.8          | 0.12                | 0.00                 | 0.74                | 0.0                    | 0.0                     |  |
| 3,355.0      | 9.15       | 26.10                | 3,341.5       | 181.7         | 74.5          | 0.28                | -0.27                | 0.37                | 0.0                    | 0.0                     |  |
| 3,450.0      | 9.15       | 26.89                | 3,435.3       | 195.2         | 81.2          | 0.13                | 0.00                 | 0.83                | 0.0                    | 0.0                     |  |
| 3,641.0      | 7.12       | 27.68                | 3,624.4       | 219.2         | 93.6          | 1.06                | -1.06                | 0.41                | 0.0                    | 0.0                     |  |
| 3,736.0      | 5.89       | 27.60                | 3,718.8       | 228.7         | 98.6          | 1.29                | -1.29                | -0.08               | 0.0                    | 0.0                     |  |
| 3,831.0      | 5.72       | 36.12                | 3,813.3       | 236.9         | 103.6         | 0.92                | -0.18                | 8.97                | 0.0                    | 0.0                     |  |
| 3,926.0      | 7.74       | 38.14                | 3,907.6       | 245.7         | 110.4         | 2.14                | 2.13                 | 2.13                | 0.0                    | 0.0                     |  |
| 4,022.0      | 6.86       | 38.58                | 4,002.9       | 255.3         | 117.9         | 0.92                | -0.92                | 0.46                | 0.0                    | 0.0                     |  |
| 4,118.0      | 6.60       | 33.75                | 4,098.2       | 264.4         | 124.6         | 0.65                | -0.27                | -5.03               | 0.0                    | 0.0                     |  |
| 4,213.0      | 7.74       | 29.00                | 4,192.5       | 274.5         | 130.7         | 1.35                | 1.20                 | -5.00               | 0.0                    | 0.0                     |  |
| 4,308.0      | 7.47       | 43.86                | 4,286.6       | 284.6         | 138.1         | 2.08                | -0.28                | 15.64               | 0.0                    | 0.0                     |  |
| 4,403.0      | 8.79       | 58.09                | 4,380.7       | 292.9         | 148.5         | 2.52                | 1.39                 | 14.98               | 0.0                    | 0.0                     |  |
| 4,498.0      | 7.83       | 60.99                | 4,474.7       | 299.8         | 160.3         | 1.10                | -1.01                | 3.05                | 0.0                    | 0.0                     |  |
| 4,593.0      | 7.30       | 66.53                | 4,568.9       | 305.4         | 171.5         | 0.95                | -0.56                | 5.83                | 0.0                    | 0.0                     |  |
| 4,688.0      | 7.65       | 68.03                | 4,663.0       | 310.1         | 182.9         | 0.42                | 0.37                 | 1.58                | 0.0                    | 0.0                     |  |
| 4,782.0      | 8.35       | 63.81                | 4,756.1       | 315.5         | 194.9         | 0.97                | 0.74                 | -4.49               | 0.0                    | 0.0                     |  |
| 4,877.0      | 8.00       | 57.13                | 4,850.2       | 322.1         | 206.6         | 1.06                | -0.37                | -7.03               | 0.0                    | 0.0                     |  |
| 4,972.0      | 7.47       | 41.66                | 4,944.3       | 330.3         | 216.3         | 2.25                | -0.56                | -16.28              | 0.0                    | 0.0                     |  |
| 5,057.0      | 6.33       | 40.69                | 5,028.7       | 338.0         | 223.0         | 1.35                | -1.34                | -1.14               | 0.0                    | 0.0                     |  |
| 5,153.0      | 7.21       | 34.19                | 5,124.0       | 347.0         | 229.8         | 1.21                | 0.92                 | -6.77               | 0.0                    | 0.0                     |  |
| 5,248.0      | 8.18       | 22.06                | 5,218.2       | 358.2         | 235.7         | 1.99                | 1.02                 | -12.77              | 0.0                    | 0.0                     |  |
| 5,344.0      | 9.67       | 14.50                | 5,313.0       | 372.3         | 240.3         | 1.97                | 1.55                 | -7.87               | 0.0                    | 0.0                     |  |
| 5,440.0      | 10.02      | 14.76                | 5,407.6       | 388.2         | 244.5         | 0.37                | 0.36                 | 0.27                | 0.0                    | 0.0                     |  |
| 5,535.0      | 9.50       | 14.41                | 5,501.2       | 403.8         | 248.5         | 0.55                | -0.55                | -0.37               | 0.0                    | 0.0                     |  |
| 5,630.0      | 8.97       | 14.51                | 5,595.0       | 418.6         | 252.3         | 0.56                | -0.56                | 0.11                | 0.0                    | 0.0                     |  |



## EOG Resources

Midland PVA

|                  |                             |                                     |                       |
|------------------|-----------------------------|-------------------------------------|-----------------------|
| <b>Company:</b>  | EOG Resources - Midland     | <b>Local Co-ordinate Reference:</b> | Well #503H            |
| <b>Project:</b>  | Lea County, NM (NAD 83 NME) | <b>TVD Reference:</b>               | KB = 26' @ 3456.0usft |
| <b>Site:</b>     | Antietam 9 Fed Com          | <b>MD Reference:</b>                | KB = 26' @ 3456.0usft |
| <b>Well:</b>     | #503H                       | <b>North Reference:</b>             | Grid                  |
| <b>Wellbore:</b> | OH                          | <b>Survey Calculation Method:</b>   | Minimum Curvature     |
| <b>Design:</b>   | OH                          | <b>Database:</b>                    | EDM                   |

| Survey                                |            |                      |               |               |               |                     |                      |                     |                        |                         |
|---------------------------------------|------------|----------------------|---------------|---------------|---------------|---------------------|----------------------|---------------------|------------------------|-------------------------|
| MD<br>(usft)                          | Inc<br>(°) | Azi (azimuth)<br>(°) | TVD<br>(usft) | N/S<br>(usft) | E/W<br>(usft) | DLeg<br>(°/100usft) | Build<br>(°/100usft) | Turn<br>(°/100usft) | High to Plan<br>(usft) | Right to Plan<br>(usft) |
| 5,725.0                               | 8.18       | 12.65                | 5,688.9       | 432.3         | 255.7         | 0.88                | -0.83                | -1.96               | 0.0                    | 0.0                     |
| 5,820.0                               | 9.15       | 20.83                | 5,782.9       | 446.0         | 259.8         | 1.65                | 1.02                 | 8.61                | 0.0                    | 0.0                     |
| 5,915.0                               | 9.58       | 22.32                | 5,876.6       | 460.4         | 265.5         | 0.52                | 0.45                 | 1.57                | 0.0                    | 0.0                     |
| 6,010.0                               | 9.32       | 19.60                | 5,970.3       | 474.9         | 271.1         | 0.54                | -0.27                | -2.86               | 0.0                    | 0.0                     |
| 6,105.0                               | 8.62       | 18.19                | 6,064.1       | 488.9         | 275.9         | 0.77                | -0.74                | -1.48               | 0.0                    | 0.0                     |
| 6,200.0                               | 8.88       | 23.46                | 6,158.0       | 502.4         | 281.0         | 0.89                | 0.27                 | 5.55                | 0.0                    | 0.0                     |
| 6,295.0                               | 9.41       | 26.28                | 6,251.8       | 516.1         | 287.4         | 0.73                | 0.56                 | 2.97                | 0.0                    | 0.0                     |
| 6,391.0                               | 9.15       | 24.78                | 6,346.6       | 530.1         | 294.1         | 0.37                | -0.27                | -1.56               | 0.0                    | 0.0                     |
| 6,486.0                               | 8.79       | 25.49                | 6,440.4       | 543.5         | 300.4         | 0.40                | -0.38                | 0.75                | 0.0                    | 0.0                     |
| 6,582.0                               | 8.62       | 27.86                | 6,535.3       | 556.5         | 306.9         | 0.41                | -0.18                | 2.47                | 0.0                    | 0.0                     |
| 6,677.0                               | 8.44       | 28.91                | 6,629.2       | 568.9         | 313.6         | 0.25                | -0.19                | 1.11                | 0.0                    | 0.0                     |
| 6,772.0                               | 8.18       | 30.67                | 6,723.2       | 580.8         | 320.4         | 0.38                | -0.27                | 1.85                | 0.0                    | 0.0                     |
| 6,868.0                               | 7.21       | 30.41                | 6,818.4       | 591.9         | 326.9         | 1.01                | -1.01                | -0.27               | 0.0                    | 0.0                     |
| 6,963.0                               | 6.24       | 27.51                | 6,912.7       | 601.6         | 332.3         | 1.08                | -1.02                | -3.05               | 0.0                    | 0.0                     |
| 7,058.0                               | 5.54       | 24.87                | 7,007.2       | 610.3         | 336.6         | 0.79                | -0.74                | -2.78               | 0.0                    | 0.0                     |
| 7,153.0                               | 5.28       | 21.36                | 7,101.8       | 618.5         | 340.2         | 0.44                | -0.27                | -3.69               | 0.0                    | 0.0                     |
| 7,248.0                               | 4.66       | 18.28                | 7,196.4       | 626.3         | 343.0         | 0.71                | -0.65                | -3.24               | 0.0                    | 0.0                     |
| 7,344.0                               | 4.57       | 17.22                | 7,292.1       | 633.6         | 345.3         | 0.13                | -0.09                | -1.10               | 0.0                    | 0.0                     |
| 7,409.0                               | 4.40       | 17.49                | 7,356.9       | 638.5         | 346.8         | 0.26                | -0.26                | 0.42                | 0.0                    | 0.0                     |
| 7,504.0                               | 4.13       | 20.92                | 7,451.7       | 645.2         | 349.2         | 0.39                | -0.28                | 3.61                | 0.0                    | 0.0                     |
| 7,623.6                               | 3.63       | 19.99                | 7,571.0       | 652.7         | 352.0         | 0.42                | -0.42                | -0.77               | 0.0                    | 0.0                     |
| Brushy Top (Antietam 9 Fed Com #503H) |            |                      |               |               |               |                     |                      |                     |                        |                         |
| 7,693.0                               | 3.34       | 19.33                | 7,640.3       | 656.7         | 353.4         | 0.42                | -0.42                | -0.96               | 0.0                    | 0.0                     |
| 7,788.0                               | 2.90       | 18.10                | 7,735.1       | 661.6         | 355.1         | 0.47                | -0.46                | -1.29               | 0.0                    | 0.0                     |
| 7,883.0                               | 2.55       | 24.87                | 7,830.0       | 665.8         | 356.7         | 0.50                | -0.37                | 7.13                | 0.0                    | 0.0                     |
| 7,978.0                               | 2.20       | 27.16                | 7,924.9       | 669.3         | 358.4         | 0.38                | -0.37                | 2.41                | 0.0                    | 0.0                     |
| 8,073.0                               | 2.02       | 34.01                | 8,019.9       | 672.4         | 360.2         | 0.33                | -0.19                | 7.21                | 0.0                    | 0.0                     |





## EOG Resources

Midland PVA

|                  |                             |                                     |                       |
|------------------|-----------------------------|-------------------------------------|-----------------------|
| <b>Company:</b>  | EOG Resources - Midland     | <b>Local Co-ordinate Reference:</b> | Well #503H            |
| <b>Project:</b>  | Lea County, NM (NAD 83 NME) | <b>TVD Reference:</b>               | KB = 26' @ 3456.0usft |
| <b>Site:</b>     | Antietam 9 Fed Com          | <b>MD Reference:</b>                | KB = 26' @ 3456.0usft |
| <b>Well:</b>     | #503H                       | <b>North Reference:</b>             | Grid                  |
| <b>Wellbore:</b> | OH                          | <b>Survey Calculation Method:</b>   | Minimum Curvature     |
| <b>Design:</b>   | OH                          | <b>Database:</b>                    | EDM                   |

| Survey       |            |                      |               |               |               |                     |                      |                     |                        |                         |
|--------------|------------|----------------------|---------------|---------------|---------------|---------------------|----------------------|---------------------|------------------------|-------------------------|
| MD<br>(usft) | Inc<br>(°) | Azi (azimuth)<br>(°) | TVD<br>(usft) | N/S<br>(usft) | E/W<br>(usft) | DLeg<br>(°/100usft) | Build<br>(°/100usft) | Turn<br>(°/100usft) | High to Plan<br>(usft) | Right to Plan<br>(usft) |
| 8,168.0      | 1.58       | 25.31                | 8,114.8       | 674.9         | 361.7         | 0.54                | -0.46                | -9.16               | 0.0                    | 0.0                     |
| 8,263.0      | 1.23       | 21.27                | 8,209.8       | 677.1         | 362.6         | 0.38                | -0.37                | -4.25               | 0.0                    | 0.0                     |
| 8,358.0      | 0.97       | 23.64                | 8,304.8       | 678.8         | 363.3         | 0.28                | -0.27                | 2.49                | 0.0                    | 0.0                     |
| 8,453.0      | 0.70       | 357.71               | 8,399.8       | 680.1         | 363.6         | 0.48                | -0.28                | -27.29              | 0.0                    | 0.0                     |
| 8,548.0      | 0.53       | 352.53               | 8,494.8       | 681.1         | 363.5         | 0.19                | -0.18                | -5.45               | 0.0                    | 0.0                     |
| 8,643.0      | 0.35       | 318.95               | 8,589.8       | 681.7         | 363.3         | 0.32                | -0.19                | -35.35              | 0.0                    | 0.0                     |
| 8,738.0      | 0.44       | 287.49               | 8,684.8       | 682.1         | 362.7         | 0.24                | 0.09                 | -33.12              | 0.0                    | 0.0                     |
| 8,832.0      | 0.53       | 268.86               | 8,778.8       | 682.2         | 362.0         | 0.19                | 0.10                 | -19.82              | 0.0                    | 0.0                     |
| 8,927.0      | 0.53       | 285.03               | 8,873.8       | 682.3         | 361.1         | 0.16                | 0.00                 | 17.02               | 0.0                    | 0.0                     |
| 9,022.0      | 0.35       | 265.43               | 8,968.8       | 682.4         | 360.4         | 0.24                | -0.19                | -20.63              | 0.0                    | 0.0                     |
| 9,036.0      | 0.53       | 269.03               | 8,982.8       | 682.4         | 360.3         | 1.30                | 1.29                 | 25.71               | 0.0                    | 0.0                     |
| 9,170.0      | 0.70       | 293.02               | 9,116.7       | 682.7         | 358.9         | 0.23                | 0.13                 | 17.90               | 0.0                    | 0.0                     |
| 9,265.0      | 0.70       | 312.89               | 9,211.7       | 683.3         | 357.9         | 0.25                | 0.00                 | 20.92               | 0.0                    | 0.0                     |
| 9,359.0      | 0.35       | 43.94                | 9,305.7       | 683.9         | 357.7         | 0.84                | -0.37                | 96.86               | 0.0                    | 0.0                     |
| 9,454.0      | 0.62       | 128.76               | 9,400.7       | 683.8         | 358.3         | 0.72                | 0.28                 | 89.28               | 0.0                    | 0.0                     |
| 9,549.0      | 0.44       | 139.39               | 9,495.7       | 683.2         | 359.0         | 0.22                | -0.19                | 11.19               | 0.0                    | 0.0                     |
| 9,644.0      | 1.14       | 199.25               | 9,590.7       | 682.0         | 358.9         | 1.05                | 0.74                 | 63.01               | 0.0                    | 0.0                     |
| 9,739.0      | 1.67       | 170.68               | 9,685.7       | 679.7         | 358.8         | 0.91                | 0.56                 | -30.07              | 0.0                    | 0.0                     |
| 9,834.0      | 1.58       | 186.15               | 9,780.7       | 677.1         | 358.9         | 0.47                | -0.09                | 16.28               | 0.0                    | 0.0                     |
| 9,929.0      | 1.14       | 184.48               | 9,875.6       | 674.8         | 358.7         | 0.46                | -0.46                | -1.76               | 0.0                    | 0.0                     |
| 10,024.0     | 1.32       | 147.21               | 9,970.6       | 673.0         | 359.2         | 0.85                | 0.19                 | -39.23              | 0.0                    | 0.0                     |
| 10,119.0     | 2.20       | 129.02               | 10,065.6      | 670.9         | 361.2         | 1.09                | 0.93                 | -19.15              | 0.0                    | 0.0                     |
| 10,213.0     | 2.29       | 112.15               | 10,159.5      | 669.1         | 364.3         | 0.71                | 0.10                 | -17.95              | 0.0                    | 0.0                     |
| 10,308.0     | 2.11       | 101.25               | 10,254.4      | 668.0         | 367.8         | 0.48                | -0.19                | -11.47              | 0.0                    | 0.0                     |
| 10,403.0     | 1.49       | 108.19               | 10,349.4      | 667.3         | 370.7         | 0.69                | -0.65                | 7.31                | 0.0                    | 0.0                     |
| 10,498.0     | 1.06       | 113.29               | 10,444.4      | 666.5         | 372.7         | 0.47                | -0.45                | 5.37                | 0.0                    | 0.0                     |
| 10,593.0     | 1.58       | 217.87               | 10,539.3      | 665.2         | 372.7         | 2.22                | 0.55                 | 110.08              | 0.0                    | 0.0                     |



## EOG Resources

Midland PVA

**Company:** EOG Resources - Midland  
**Project:** Lea County, NM (NAD 83 NME)  
**Site:** Antietam 9 Fed Com  
**Well:** #503H  
**Wellbore:** OH  
**Design:** OH

**Local Co-ordinate Reference:** Well #503H  
**TVD Reference:** KB = 26' @ 3456.0usft  
**MD Reference:** KB = 26' @ 3456.0usft  
**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) |  |
| 10,620.0                                                                  | 3.52       | 188.10               | 10,566.3      | 664.0         | 372.3         | 8.47                | 7.19                 | -110.27             | 0.0                    | 0.0                     |  |
| KOP, MD:10620.0', TVD:10566.3',N/S:664.0', E/W:372.3', INC:3.52           |            |                      |               |               |               |                     |                      |                     |                        |                         |  |
| 10,688.0                                                                  | 9.15       | 175.59               | 10,633.9      | 656.6         | 372.5         | 8.47                | 8.28                 | -18.39              | 0.0                    | 0.0                     |  |
| 10,783.0                                                                  | 18.29      | 172.69               | 10,726.1      | 634.2         | 374.9         | 9.65                | 9.62                 | -3.05               | 0.0                    | 0.0                     |  |
| 10,813.0                                                                  | 21.87      | 173.62               | 10,754.2      | 624.0         | 376.2         | 11.97               | 11.93                | 3.09                | 0.0                    | 0.0                     |  |
| FTP Crossing, MD:10813.0', TVD:10754.2',N/S:624.0', E/W:376.2', INC:21.87 |            |                      |               |               |               |                     |                      |                     |                        |                         |  |
| 10,878.0                                                                  | 29.63      | 174.89               | 10,812.7      | 595.9         | 379.0         | 11.97               | 11.94                | 1.96                | 0.0                    | 0.0                     |  |
| 10,973.0                                                                  | 38.60      | 173.84               | 10,891.3      | 543.0         | 384.2         | 9.46                | 9.44                 | -1.11               | 0.0                    | 0.0                     |  |
| 11,031.7                                                                  | 44.89      | 173.55               | 10,935.1      | 504.1         | 388.5         | 10.72               | 10.72                | -0.49               | 0.0                    | 0.0                     |  |
| FTP (Antietam 9 Fed Com #503H)                                            |            |                      |               |               |               |                     |                      |                     |                        |                         |  |
| 11,069.0                                                                  | 48.89      | 173.40               | 10,960.6      | 477.1         | 391.6         | 10.72               | 10.72                | -0.41               | 0.0                    | 0.0                     |  |
| 11,100.0                                                                  | 55.31      | 175.77               | 10,979.6      | 452.7         | 393.9         | 21.57               | 20.71                | 7.65                | 0.0                    | 0.0                     |  |
| 11,132.0                                                                  | 63.58      | 175.07               | 10,995.9      | 425.3         | 396.1         | 25.91               | 25.84                | -2.19               | 0.0                    | 0.0                     |  |
| 11,163.0                                                                  | 72.02      | 173.57               | 11,007.6      | 396.8         | 399.0         | 27.59               | 27.23                | -4.84               | 0.0                    | 0.0                     |  |
| 11,257.0                                                                  | 81.69      | 174.45               | 11,028.9      | 305.8         | 408.5         | 10.33               | 10.29                | 0.94                | 0.0                    | 0.0                     |  |
| 11,353.0                                                                  | 86.53      | 175.42               | 11,038.8      | 210.7         | 416.9         | 5.14                | 5.04                 | 1.01                | 0.0                    | 0.0                     |  |
| 11,447.0                                                                  | 87.41      | 178.41               | 11,043.7      | 117.0         | 422.0         | 3.31                | 0.94                 | 3.18                | 0.0                    | 0.0                     |  |
| 11,543.0                                                                  | 88.46      | 178.85               | 11,047.2      | 21.1          | 424.3         | 1.19                | 1.09                 | 0.46                | 0.0                    | 0.0                     |  |
| 11,637.0                                                                  | 89.34      | 180.95               | 11,049.0      | -72.9         | 424.4         | 2.42                | 0.94                 | 2.23                | 0.0                    | 0.0                     |  |
| 11,732.0                                                                  | 90.84      | 181.39               | 11,048.8      | -167.8        | 422.5         | 1.65                | 1.58                 | 0.46                | 0.0                    | 0.0                     |  |
| 11,827.0                                                                  | 89.43      | 180.95               | 11,048.6      | -262.8        | 420.5         | 1.55                | -1.48                | -0.46               | 0.0                    | 0.0                     |  |
| 11,922.0                                                                  | 90.22      | 182.01               | 11,048.9      | -357.8        | 418.1         | 1.39                | 0.83                 | 1.12                | 0.0                    | 0.0                     |  |
| 12,017.0                                                                  | 90.13      | 180.87               | 11,048.6      | -452.8        | 415.7         | 1.20                | -0.09                | -1.20               | 0.0                    | 0.0                     |  |
| 12,112.0                                                                  | 89.87      | 181.92               | 11,048.6      | -547.7        | 413.4         | 1.14                | -0.27                | 1.11                | 0.0                    | 0.0                     |  |
| 12,207.0                                                                  | 89.43      | 180.87               | 11,049.2      | -642.7        | 411.1         | 1.20                | -0.46                | -1.11               | 0.0                    | 0.0                     |  |
| 12,302.0                                                                  | 89.08      | 181.48               | 11,050.4      | -737.7        | 409.1         | 0.74                | -0.37                | 0.64                | 0.0                    | 0.0                     |  |
| 12,397.0                                                                  | 88.29      | 181.22               | 11,052.6      | -832.6        | 406.9         | 0.88                | -0.83                | -0.27               | 0.0                    | 0.0                     |  |



## EOG Resources

Midland PVA

|                  |                             |                                     |                       |
|------------------|-----------------------------|-------------------------------------|-----------------------|
| <b>Company:</b>  | EOG Resources - Midland     | <b>Local Co-ordinate Reference:</b> | Well #503H            |
| <b>Project:</b>  | Lea County, NM (NAD 83 NME) | <b>TVD Reference:</b>               | KB = 26' @ 3456.0usft |
| <b>Site:</b>     | Antietam 9 Fed Com          | <b>MD Reference:</b>                | KB = 26' @ 3456.0usft |
| <b>Well:</b>     | #503H                       | <b>North Reference:</b>             | Grid                  |
| <b>Wellbore:</b> | OH                          | <b>Survey Calculation Method:</b>   | Minimum Curvature     |
| <b>Design:</b>   | OH                          | <b>Database:</b>                    | EDM                   |

| Survey                          |            |                      |               |               |               |                     |                      |                     |                        |                         |
|---------------------------------|------------|----------------------|---------------|---------------|---------------|---------------------|----------------------|---------------------|------------------------|-------------------------|
| MD<br>(usft)                    | Inc<br>(°) | Azi (azimuth)<br>(°) | TVD<br>(usft) | N/S<br>(usft) | E/W<br>(usft) | DLeg<br>(°/100usft) | Build<br>(°/100usft) | Turn<br>(°/100usft) | High to Plan<br>(usft) | Right to Plan<br>(usft) |
| 12,492.0                        | 87.76      | 181.39               | 11,055.9      | -927.5        | 404.7         | 0.59                | -0.56                | 0.18                | 0.0                    | 0.0                     |
| 12,586.0                        | 89.25      | 178.67               | 11,058.3      | -1,021.5      | 404.7         | 3.30                | 1.59                 | -2.89               | 0.0                    | 0.0                     |
| 12,681.0                        | 92.24      | 176.91               | 11,057.1      | -1,116.4      | 408.3         | 3.65                | 3.15                 | -1.85               | 0.0                    | 0.0                     |
| 12,776.0                        | 90.13      | 176.21               | 11,055.1      | -1,211.2      | 414.0         | 2.34                | -2.22                | -0.74               | 0.0                    | 0.0                     |
| 12,870.0                        | 86.26      | 175.68               | 11,058.1      | -1,304.9      | 420.7         | 4.16                | -4.12                | -0.56               | 0.0                    | 0.0                     |
| 12,965.0                        | 90.31      | 179.28               | 11,060.9      | -1,399.7      | 424.9         | 5.70                | 4.26                 | 3.79                | 0.0                    | 0.0                     |
| 13,040.4                        | 92.12      | 178.45               | 11,059.3      | -1,475.1      | 426.3         | 2.64                | 2.40                 | -1.10               | 0.0                    | 0.0                     |
| TGT#1(Antietam 9 Fed Com #503H) |            |                      |               |               |               |                     |                      |                     |                        |                         |
| 13,060.0                        | 92.59      | 178.23               | 11,058.5      | -1,494.7      | 426.9         | 2.64                | 2.40                 | -1.11               | 0.0                    | 0.0                     |
| 13,155.0                        | 92.95      | 178.14               | 11,054.0      | -1,589.5      | 429.9         | 0.39                | 0.38                 | -0.09               | 0.0                    | 0.0                     |
| 13,250.0                        | 92.59      | 177.61               | 11,049.4      | -1,684.3      | 433.4         | 0.67                | -0.38                | -0.56               | 0.0                    | 0.0                     |
| 13,345.0                        | 92.68      | 176.91               | 11,045.0      | -1,779.1      | 438.0         | 0.74                | 0.09                 | -0.74               | 0.0                    | 0.0                     |
| 13,484.0                        | 89.78      | 180.16               | 11,042.0      | -1,918.0      | 441.5         | 3.13                | -2.09                | 2.34                | 0.0                    | 0.0                     |
| 13,567.0                        | 86.53      | 180.87               | 11,044.7      | -2,000.9      | 440.8         | 4.01                | -3.92                | 0.86                | 0.0                    | 0.0                     |
| 13,630.0                        | 85.47      | 180.78               | 11,049.1      | -2,063.8      | 439.9         | 1.69                | -1.68                | -0.14               | 0.0                    | 0.0                     |
| 13,771.0                        | 86.53      | 180.43               | 11,058.9      | -2,204.4      | 438.4         | 0.79                | 0.75                 | -0.25               | 0.0                    | 0.0                     |
| 13,819.0                        | 86.53      | 179.46               | 11,061.8      | -2,252.3      | 438.4         | 2.02                | 0.00                 | -2.02               | 0.0                    | 0.0                     |
| 13,914.0                        | 88.11      | 178.67               | 11,066.3      | -2,347.2      | 440.0         | 1.86                | 1.66                 | -0.83               | 0.0                    | 0.0                     |
| 14,008.0                        | 90.13      | 177.35               | 11,067.7      | -2,441.2      | 443.3         | 2.57                | 2.15                 | -1.40               | 0.0                    | 0.0                     |
| 14,104.0                        | 90.13      | 176.30               | 11,067.5      | -2,537.0      | 448.6         | 1.09                | 0.00                 | -1.09               | 0.0                    | 0.0                     |
| 14,199.0                        | 89.78      | 175.94               | 11,067.6      | -2,631.8      | 455.0         | 0.53                | -0.37                | -0.38               | 0.0                    | 0.0                     |
| 14,294.0                        | 90.57      | 178.41               | 11,067.3      | -2,726.7      | 459.7         | 2.73                | 0.83                 | 2.60                | 0.0                    | 0.0                     |
| 14,390.0                        | 91.54      | 179.72               | 11,065.5      | -2,822.6      | 461.2         | 1.70                | 1.01                 | 1.36                | 0.0                    | 0.0                     |
| 14,485.0                        | 91.80      | 181.04               | 11,062.7      | -2,917.6      | 460.6         | 1.42                | 0.27                 | 1.39                | 0.0                    | 0.0                     |
| 14,580.0                        | 88.64      | 179.20               | 11,062.4      | -3,012.6      | 460.4         | 3.85                | -3.33                | -1.94               | 0.0                    | 0.0                     |
| 14,674.0                        | 86.70      | 177.18               | 11,066.2      | -3,106.4      | 463.4         | 2.98                | -2.06                | -2.15               | 0.0                    | 0.0                     |
| 14,788.0                        | 87.85      | 179.28               | 11,071.6      | -3,220.2      | 466.9         | 2.10                | 1.01                 | 1.84                | 0.0                    | 0.0                     |



## EOG Resources

Midland PVA

|                  |                             |                                     |                       |
|------------------|-----------------------------|-------------------------------------|-----------------------|
| <b>Company:</b>  | EOG Resources - Midland     | <b>Local Co-ordinate Reference:</b> | Well #503H            |
| <b>Project:</b>  | Lea County, NM (NAD 83 NME) | <b>TVD Reference:</b>               | KB = 26' @ 3456.0usft |
| <b>Site:</b>     | Antietam 9 Fed Com          | <b>MD Reference:</b>                | KB = 26' @ 3456.0usft |
| <b>Well:</b>     | #503H                       | <b>North Reference:</b>             | Grid                  |
| <b>Wellbore:</b> | OH                          | <b>Survey Calculation Method:</b>   | Minimum Curvature     |
| <b>Design:</b>   | OH                          | <b>Database:</b>                    | 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) |
| 14,864.0     | 89.96      | 180.34               | 11,073.1      | -3,296.2      | 467.1         | 3.11                | 2.78                 | 1.39                | 0.0                    | 0.0                     |
| 14,959.0     | 91.80      | 180.25               | 11,071.6      | -3,391.2      | 466.7         | 1.94                | 1.94                 | -0.09               | 0.0                    | 0.0                     |
| 15,054.0     | 89.60      | 178.76               | 11,070.4      | -3,486.2      | 467.5         | 2.80                | -2.32                | -1.57               | 0.0                    | 0.0                     |
| 15,149.0     | 90.22      | 177.88               | 11,070.6      | -3,581.1      | 470.3         | 1.13                | 0.65                 | -0.93               | 0.0                    | 0.0                     |
| 15,244.0     | 88.46      | 177.26               | 11,071.7      | -3,676.0      | 474.3         | 1.96                | -1.85                | -0.65               | 0.0                    | 0.0                     |
| 15,339.0     | 89.96      | 178.67               | 11,073.0      | -3,771.0      | 477.7         | 2.17                | 1.58                 | 1.48                | 0.0                    | 0.0                     |
| 15,434.0     | 92.95      | 181.39               | 11,070.6      | -3,865.9      | 477.6         | 4.25                | 3.15                 | 2.86                | 0.0                    | 0.0                     |
| 15,529.0     | 90.48      | 184.21               | 11,067.7      | -3,960.8      | 473.0         | 3.94                | -2.60                | 2.97                | 0.0                    | 0.0                     |
| 15,624.0     | 90.66      | 183.85               | 11,066.8      | -4,055.5      | 466.3         | 0.42                | 0.19                 | -0.38               | 0.0                    | 0.0                     |
| 15,719.0     | 86.88      | 182.27               | 11,068.8      | -4,150.3      | 461.2         | 4.31                | -3.98                | -1.66               | 0.0                    | 0.0                     |
| 15,814.0     | 86.35      | 181.48               | 11,074.4      | -4,245.1      | 458.1         | 1.00                | -0.56                | -0.83               | 0.0                    | 0.0                     |
| 15,908.0     | 88.72      | 182.27               | 11,078.5      | -4,339.0      | 455.1         | 2.66                | 2.52                 | 0.84                | 0.0                    | 0.0                     |
| 16,004.0     | 91.19      | 181.83               | 11,078.6      | -4,434.9      | 451.6         | 2.61                | 2.57                 | -0.46               | 0.0                    | 0.0                     |
| 16,099.0     | 91.80      | 182.18               | 11,076.1      | -4,529.8      | 448.3         | 0.74                | 0.64                 | 0.37                | 0.0                    | 0.0                     |
| 16,194.0     | 91.80      | 181.66               | 11,073.1      | -4,624.7      | 445.1         | 0.55                | 0.00                 | -0.55               | 0.0                    | 0.0                     |
| 16,289.0     | 90.92      | 182.27               | 11,070.8      | -4,719.6      | 441.9         | 1.13                | -0.93                | 0.64                | 0.0                    | 0.0                     |
| 16,384.0     | 91.71      | 183.06               | 11,068.7      | -4,814.5      | 437.4         | 1.18                | 0.83                 | 0.83                | 0.0                    | 0.0                     |
| 16,479.0     | 89.25      | 180.95               | 11,067.9      | -4,909.4      | 434.1         | 3.41                | -2.59                | -2.22               | 0.0                    | 0.0                     |
| 16,573.0     | 89.08      | 181.22               | 11,069.2      | -5,003.4      | 432.3         | 0.34                | -0.18                | 0.29                | 0.0                    | 0.0                     |
| 16,668.0     | 87.41      | 180.25               | 11,072.1      | -5,098.3      | 431.1         | 2.03                | -1.76                | -1.02               | 0.0                    | 0.0                     |
| 16,763.0     | 88.90      | 180.43               | 11,075.2      | -5,193.3      | 430.6         | 1.58                | 1.57                 | 0.19                | 0.0                    | 0.0                     |
| 16,858.0     | 90.92      | 179.72               | 11,075.4      | -5,288.3      | 430.4         | 2.25                | 2.13                 | -0.75               | 0.0                    | 0.0                     |
| 16,952.0     | 90.40      | 179.64               | 11,074.3      | -5,382.3      | 431.0         | 0.56                | -0.55                | -0.09               | 0.0                    | 0.0                     |
| 17,047.0     | 88.72      | 179.72               | 11,075.0      | -5,477.3      | 431.5         | 1.77                | -1.77                | 0.08                | 0.0                    | 0.0                     |
| 17,142.0     | 88.55      | 180.08               | 11,077.3      | -5,572.2      | 431.7         | 0.42                | -0.18                | 0.38                | 0.0                    | 0.0                     |
| 17,237.0     | 87.23      | 179.81               | 11,080.8      | -5,667.2      | 431.7         | 1.42                | -1.39                | -0.28               | 0.0                    | 0.0                     |
| 17,351.0     | 89.43      | 179.64               | 11,084.1      | -5,781.1      | 432.3         | 1.94                | 1.93                 | -0.15               | 0.0                    | 0.0                     |



## EOG Resources

Midland PVA

|                  |                             |                                     |                       |
|------------------|-----------------------------|-------------------------------------|-----------------------|
| <b>Company:</b>  | EOG Resources - Midland     | <b>Local Co-ordinate Reference:</b> | Well #503H            |
| <b>Project:</b>  | Lea County, NM (NAD 83 NME) | <b>TVD Reference:</b>               | KB = 26' @ 3456.0usft |
| <b>Site:</b>     | Antietam 9 Fed Com          | <b>MD Reference:</b>                | KB = 26' @ 3456.0usft |
| <b>Well:</b>     | #503H                       | <b>North Reference:</b>             | Grid                  |
| <b>Wellbore:</b> | OH                          | <b>Survey Calculation Method:</b>   | Minimum Curvature     |
| <b>Design:</b>   | OH                          | <b>Database:</b>                    | EDM                   |

| Survey                                 |            |                      |               |               |               |                     |                      |                     |                        |                         |
|----------------------------------------|------------|----------------------|---------------|---------------|---------------|---------------------|----------------------|---------------------|------------------------|-------------------------|
| MD<br>(usft)                           | Inc<br>(°) | Azi (azimuth)<br>(°) | TVD<br>(usft) | N/S<br>(usft) | E/W<br>(usft) | DLeg<br>(°/100usft) | Build<br>(°/100usft) | Turn<br>(°/100usft) | High to Plan<br>(usft) | Right to Plan<br>(usft) |
| 17,427.0                               | 91.71      | 179.90               | 11,083.3      | -5,857.1      | 432.6         | 3.02                | 3.00                 | 0.34                | 0.0                    | 0.0                     |
| 17,522.0                               | 91.19      | 179.02               | 11,080.9      | -5,952.1      | 433.5         | 1.08                | -0.55                | -0.93               | 0.0                    | 0.0                     |
| 17,553.2                               | 90.81      | 178.73               | 11,080.4      | -5,983.3      | 434.1         | 1.52                | -1.21                | -0.93               | 0.0                    | 0.0                     |
| <b>TGT#2(Antietam 9 Fed Com #503H)</b> |            |                      |               |               |               |                     |                      |                     |                        |                         |
| 17,617.0                               | 90.04      | 178.14               | 11,079.9      | -6,047.0      | 435.9         | 1.52                | -1.21                | -0.93               | 0.0                    | 0.0                     |
| 17,712.0                               | 88.02      | 176.21               | 11,081.5      | -6,141.9      | 440.5         | 2.94                | -2.13                | -2.03               | 0.0                    | 0.0                     |
| 17,807.0                               | 88.37      | 176.91               | 11,084.5      | -6,236.7      | 446.2         | 0.82                | 0.37                 | 0.74                | 0.7                    | 0.6                     |
| 17,902.0                               | 90.57      | 179.11               | 11,085.4      | -6,331.6      | 449.5         | 3.27                | 2.32                 | 2.32                | 1.1                    | 1.1                     |
| 17,997.0                               | 90.92      | 178.85               | 11,084.1      | -6,426.6      | 451.2         | 0.46                | 0.37                 | -0.27               | -0.2                   | 0.5                     |
| 18,092.0                               | 93.21      | 178.58               | 11,080.7      | -6,521.5      | 453.3         | 2.43                | 2.41                 | -0.28               | -3.7                   | 0.3                     |
| 18,187.0                               | 93.65      | 177.88               | 11,075.0      | -6,616.3      | 456.3         | 0.87                | 0.46                 | -0.74               | -9.5                   | 0.9                     |
| 18,282.0                               | 90.13      | 176.38               | 11,071.9      | -6,711.1      | 461.0         | 4.03                | -3.71                | -1.58               | -12.7                  | 3.3                     |
| 18,377.0                               | 88.20      | 175.51               | 11,073.3      | -6,805.8      | 467.7         | 2.23                | -2.03                | -0.92               | -11.4                  | 7.6                     |
| 18,498.0                               | 88.02      | 174.19               | 11,077.3      | -6,926.3      | 478.6         | 1.10                | -0.15                | -1.09               | -7.6                   | 15.5                    |
| 18,595.0                               | 93.39      | 174.80               | 11,076.1      | -7,022.8      | 487.9         | 5.57                | 5.54                 | 0.63                | -8.8                   | 22.5                    |
| <b>Last MWD Survey (MD=18595.0')</b>   |            |                      |               |               |               |                     |                      |                     |                        |                         |
| 18,654.8                               | 93.39      | 174.80               | 11,072.6      | -7,082.2      | 493.3         | 0.00                | 0.00                 | 0.00                | -12.4                  | 26.4                    |
| <b>PBHL (Antietam 9 Fed Com #503H)</b> |            |                      |               |               |               |                     |                      |                     |                        |                         |
| 18,656.0                               | 93.39      | 174.80               | 11,072.5      | -7,083.4      | 493.4         | 0.00                | 0.00                 | 0.00                | -12.4                  | 26.5                    |
| <b>Projection to Bit (MD=18656.0')</b> |            |                      |               |               |               |                     |                      |                     |                        |                         |



## EOG Resources

Midland PVA

|                  |                             |                                     |                       |
|------------------|-----------------------------|-------------------------------------|-----------------------|
| <b>Company:</b>  | EOG Resources - Midland     | <b>Local Co-ordinate Reference:</b> | Well #503H            |
| <b>Project:</b>  | Lea County, NM (NAD 83 NME) | <b>TVD Reference:</b>               | KB = 26' @ 3456.0usft |
| <b>Site:</b>     | Antietam 9 Fed Com          | <b>MD Reference:</b>                | KB = 26' @ 3456.0usft |
| <b>Well:</b>     | #503H                       | <b>North Reference:</b>             | Grid                  |
| <b>Wellbore:</b> | OH                          | <b>Survey Calculation Method:</b>   | Minimum Curvature     |
| <b>Design:</b>   | OH                          | <b>Database:</b>                    | EDM                   |

| Design Annotations    |                       |                   |              |                                                                            |
|-----------------------|-----------------------|-------------------|--------------|----------------------------------------------------------------------------|
| Measured Depth (usft) | Vertical Depth (usft) | Local Coordinates |              | Comment                                                                    |
|                       |                       | +N/-S (usft)      | +E/-W (usft) |                                                                            |
| 10,620.0              | 10,566.3              | 664.0             | 372.3        | KOP, MD:10620.0', TVD:10566.3', N/S:664.0', E/W:372.3', INC:3.52           |
| 10,813.0              | 10,754.2              | 624.0             | 376.2        | FTP Crossing, MD:10813.0', TVD:10754.2', N/S:624.0', E/W:376.2', INC:21.87 |
| 18,595.0              | 11,076.1              | -7,022.8          | 487.9        | Last MWD Survey (MD=18595.0')                                              |
| 18,656.0              | 11,072.5              | -7,083.4          | 493.4        | Projection to Bit (MD=18656.0')                                            |

|                   |                    |             |
|-------------------|--------------------|-------------|
| 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

#503H

Plan #1

WELL DETAILS: #503H

|       |       |                       |           |                |                   |          |  |
|-------|-------|-----------------------|-----------|----------------|-------------------|----------|--|
|       |       |                       |           | 3430.0         |                   |          |  |
|       |       | KB = 26' @ 3456.0usft |           | Easting        |                   | Latitude |  |
| +N/-S | +E/-W | Northing              |           | 32° 9' 1.344 N | 103° 34' 54.384 W | Slot     |  |
| 0.0   | 0.0   | 419253.00             | 773934.00 |                |                   |          |  |

SECTION DETAILS

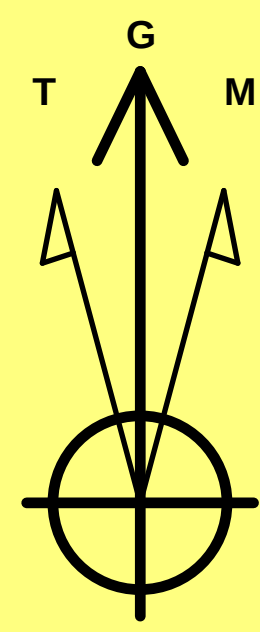
| Sec | MD      | Inc   | Azi    | TVD     | +N/-S   | +E/-W | Dleg | TFace | VSect  | Target |
|-----|---------|-------|--------|---------|---------|-------|------|-------|--------|--------|
| 1   | 17712.0 | 88.02 | 176.21 | 11081.5 | -6141.9 | 440.5 | 0.00 | 0.00  | 6157.6 |        |
| 2   | 17864.9 | 89.94 | 178.59 | 11084.2 | -6294.6 | 447.5 | 2.00 | 51.02 | 6310.4 |        |
| 3   | 18656.5 | 89.94 | 178.59 | 11085.0 | -7086.0 | 467.0 | 0.00 | 0.00  | 7101.4 |        |

WELLBORE TARGET DETAILS (MAP CO-ORDINATES)

| Name                                  | TVD     | +N/-S   | +E/-W | Northing  | Easting   | Shape                         |
|---------------------------------------|---------|---------|-------|-----------|-----------|-------------------------------|
| Brushy Top (Antietam 9 Fed Com #503H) | 7570.0  | 674.0   | 337.0 | 419927.00 | 774271.00 | Polygon                       |
| FTP (Antietam 9 Fed Com #503H)        | 11046.0 | 624.0   | 417.0 | 419877.00 | 774351.00 | Point                         |
| TGT#1(Antietam 9 Fed Com #503H)       | 11056.0 | -1474.9 | 430.8 | 417778.10 | 774364.85 | Point                         |
| TGT#2(Antietam 9 Fed Com #503H)       | 11086.0 | -5982.7 | 459.9 | 413270.30 | 774393.89 | Point                         |
| PBHL (Antietam 9 Fed Com #503H)       | 11096.0 | -7086.0 | 467.0 | 412167.00 | 774401.00 | Rectangle (Sides: L0.0 W60.0) |

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

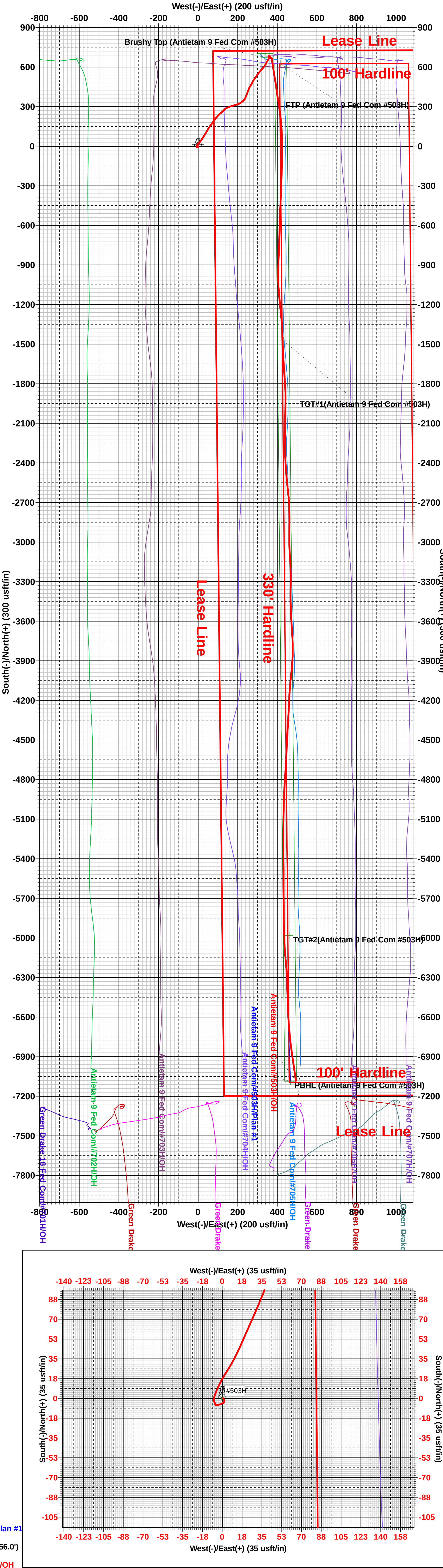
Geodetic System: US State Plane 1983  
Datum: North American Datum 1983  
Ellipsoid: GRS 1980  
Zone: New Mexico Eastern Zone  
System Datum: Mean Sea Level



Azimuths to Grid North  
True North: -0.40°  
Magnetic North: 6.22°

Magnetic Field  
Strength: 47515.3nT  
Dip Angle: 59.85°  
Date: 10/26/2020  
Model: IGRF2020

To convert a Magnetic Direction to a Grid Direction, Add 6.22°  
To convert a Magnetic Direction to a True Direction, Add 6.62° East  
To convert a True Direction to a Grid Direction, Subtract 0.40°





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 |                                                                                                                |                                                                                                                        |                                                                                                                          |          |               |
| <b>WELL COMPLETION OR RECOMPLETION REPORT AND LOG</b>                                                                                                                                                                                                                                                                                                                                     |                                            |                                                                                                                                                                                       |                                                               |                          |                                             |                                                                                                                |                                                                                                                        | 1. WELL API NO.<br><div style="text-align: right; font-size: 1.2em;"><b>30-025-47372</b></div>                           |          |               |
| 4. Reason for filing:<br><br><input checked="" type="checkbox"/> <b>COMPLETION REPORT</b> (Fill in boxes #1 through #31 for State and Fee wells only)<br><br><input type="checkbox"/> <b>C-144 CLOSURE ATTACHMENT</b> (Fill in boxes #1 through #9, #15 Date Rig Released and #32 and/or #33; attach this and the plat to the C-144 closure report in accordance with 19.15.17.13.K NMAC) |                                            |                                                                                                                                                                                       |                                                               |                          |                                             |                                                                                                                |                                                                                                                        | 5. Lease Name or Unit Agreement Name<br><div style="text-align: center; font-weight: bold;">ANTIETAM 9 FEDERAL COM</div> |          |               |
|                                                                                                                                                                                                                                                                                                                                                                                           |                                            |                                                                                                                                                                                       |                                                               |                          |                                             |                                                                                                                |                                                                                                                        | 6. Well Number:<br><div style="text-align: center; font-size: 1.2em;"><b>503H</b></div>                                  |          |               |
| 7. Type of Completion:<br><input checked="" type="checkbox"/> NEW WELL <input type="checkbox"/> WORKOVER <input type="checkbox"/> DEEPENING <input type="checkbox"/> PLUGBACK <input type="checkbox"/> DIFFERENT RESERVOIR <input type="checkbox"/> OTHER _____                                                                                                                           |                                            |                                                                                                                                                                                       |                                                               |                          |                                             |                                                                                                                |                                                                                                                        |                                                                                                                          |          |               |
| 8. Name of Operator<br><div style="text-align: center; font-weight: bold;">EOG RESOURCES INC</div>                                                                                                                                                                                                                                                                                        |                                            |                                                                                                                                                                                       |                                                               |                          |                                             |                                                                                                                | 9. OGRID<br><div style="text-align: center; font-size: 1.2em;"><b>7377</b></div>                                       |                                                                                                                          |          |               |
| 10. Address of Operator<br><div style="text-align: center; font-weight: bold;">PO BOX 2267 MIDLAND, TEXAS 79702</div>                                                                                                                                                                                                                                                                     |                                            |                                                                                                                                                                                       |                                                               |                          |                                             |                                                                                                                | 11. Pool name or Wildcat<br><div style="text-align: center; font-weight: bold;">DRAPER MILL; BONE SPRING (96392)</div> |                                                                                                                          |          |               |
| 12. Location                                                                                                                                                                                                                                                                                                                                                                              | Unit Ltr                                   | Section                                                                                                                                                                               | Township                                                      | Range                    | Lot                                         | Feet from the                                                                                                  | N/S Line                                                                                                               | Feet from the                                                                                                            | E/W Line | County        |
| <b>Surface:</b>                                                                                                                                                                                                                                                                                                                                                                           | D                                          | 9                                                                                                                                                                                     | 25S                                                           | 33E                      |                                             | 722                                                                                                            | NORTH                                                                                                                  | 1229                                                                                                                     | WEST     | LEA           |
| <b>BH:</b>                                                                                                                                                                                                                                                                                                                                                                                | F                                          | 16                                                                                                                                                                                    | 25S                                                           | 33E                      |                                             | 2529                                                                                                           | NORTH                                                                                                                  | 1672                                                                                                                     | WEST     | LEA           |
| 13. Date Spudded<br><b>08/21/2020</b>                                                                                                                                                                                                                                                                                                                                                     | 14. Date T.D. Reached<br><b>10/20/2020</b> |                                                                                                                                                                                       | 15. Date Rig Released<br><b>10/21/2020</b>                    |                          |                                             | 16. Date Completed (Ready to Produce)<br><b>02/07/2021</b>                                                     |                                                                                                                        | 17. Elevations (DF and RKB, RT, GR, etc.)<br><b>3430' GR</b>                                                             |          |               |
| 18. Total Measured Depth of Well<br><b>MD 18,656' TVD 11,072'</b>                                                                                                                                                                                                                                                                                                                         |                                            |                                                                                                                                                                                       | 19. Plug Back Measured Depth<br><b>MD 18,633' TVD 11,072'</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><div style="text-align: center;"><b>BONE SPRING 11,224-18,633'</b></div>                                                                                                                                                                                                                                             |                                            |                                                                                                                                                                                       |                                                               |                          |                                             |                                                                                                                |                                                                                                                        |                                                                                                                          |          |               |
| 23. CASING RECORD (Report all strings set in well)                                                                                                                                                                                                                                                                                                                                        |                                            |                                                                                                                                                                                       |                                                               |                          |                                             |                                                                                                                |                                                                                                                        |                                                                                                                          |          |               |
| CASING SIZE                                                                                                                                                                                                                                                                                                                                                                               |                                            | WEIGHT LB./FT.                                                                                                                                                                        |                                                               | DEPTH SET                |                                             | HOLE SIZE                                                                                                      |                                                                                                                        | CEMENTING RECORD                                                                                                         |          | AMOUNT PULLED |
| 13 3/8"                                                                                                                                                                                                                                                                                                                                                                                   |                                            | 54.5# J-55                                                                                                                                                                            |                                                               | 1,295'                   |                                             | 17 1/2"                                                                                                        |                                                                                                                        | 860 CL C/CIRC                                                                                                            |          |               |
| 9 5/8"                                                                                                                                                                                                                                                                                                                                                                                    |                                            | 40# J-55                                                                                                                                                                              |                                                               | 5,041'                   |                                             | 12 1/4"                                                                                                        |                                                                                                                        | 1485 CL C/CIRC                                                                                                           |          |               |
| 7 5/8"                                                                                                                                                                                                                                                                                                                                                                                    |                                            | 29.7# ICYP 110                                                                                                                                                                        |                                                               | 9093'                    |                                             | 8 3/4"                                                                                                         |                                                                                                                        | 1365 CL C&H TOC 27' ECHO                                                                                                 |          |               |
| 5 1/2"                                                                                                                                                                                                                                                                                                                                                                                    |                                            | 20# ICYP 110                                                                                                                                                                          |                                                               | 18,642'                  |                                             | 6 3/4"                                                                                                         |                                                                                                                        | 680 CL H TOC 8400' CBL                                                                                                   |          |               |
| 24. LINER RECORD                                                                                                                                                                                                                                                                                                                                                                          |                                            |                                                                                                                                                                                       |                                                               |                          |                                             |                                                                                                                |                                                                                                                        |                                                                                                                          |          |               |
| SIZE                                                                                                                                                                                                                                                                                                                                                                                      | TOP                                        | BOTTOM                                                                                                                                                                                | SACKS CEMENT                                                  | SCREEN                   |                                             | 25. TUBING RECORD                                                                                              |                                                                                                                        | SIZE                                                                                                                     |          | DEPTH SET     |
|                                                                                                                                                                                                                                                                                                                                                                                           |                                            |                                                                                                                                                                                       |                                                               |                          |                                             |                                                                                                                |                                                                                                                        |                                                                                                                          |          |               |
| 26. Perforation record (interval, size, and number)                                                                                                                                                                                                                                                                                                                                       |                                            |                                                                                                                                                                                       |                                                               |                          |                                             | 27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.                                                                |                                                                                                                        |                                                                                                                          |          |               |
| <div style="text-align: center; font-size: 1.2em;">11,224 - 18,633'    3 1/8", 1560 holes</div>                                                                                                                                                                                                                                                                                           |                                            |                                                                                                                                                                                       |                                                               |                          |                                             | DEPTH INTERVAL                                                                                                 |                                                                                                                        | AMOUNT AND KIND MATERIAL USED                                                                                            |          |               |
|                                                                                                                                                                                                                                                                                                                                                                                           |                                            |                                                                                                                                                                                       |                                                               |                          |                                             | 10,939-18,325'                                                                                                 |                                                                                                                        | FRAC W/12,854,253 lbs proppant, 219,532 bbls load fld                                                                    |          |               |
|                                                                                                                                                                                                                                                                                                                                                                                           |                                            |                                                                                                                                                                                       |                                                               |                          |                                             |                                                                                                                |                                                                                                                        |                                                                                                                          |          |               |
| 28. PRODUCTION                                                                                                                                                                                                                                                                                                                                                                            |                                            |                                                                                                                                                                                       |                                                               |                          |                                             |                                                                                                                |                                                                                                                        |                                                                                                                          |          |               |
| Date First Production<br><b>02/07/2021</b>                                                                                                                                                                                                                                                                                                                                                |                                            | Production Method ( <i>Flowing, gas lift, pumping - Size and type pump</i> )<br><div style="text-align: center; font-weight: bold;">Flowing</div>                                     |                                                               |                          |                                             | Well Status ( <i>Prod. or Shut-in</i> )<br><div style="text-align: center; font-weight: bold;">Producing</div> |                                                                                                                        |                                                                                                                          |          |               |
| 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>1719</b> | Gas - MCF<br><b>2319</b>                    | Water - Bbl.<br><b>4915</b>                                                                                    | Gas - Oil Ratio<br><b>1349</b>                                                                                         |                                                                                                                          |          |               |
| Flow Tubing Press.                                                                                                                                                                                                                                                                                                                                                                        | Casing Pressure<br><b>775</b>              | Calculated 24-Hour Rate                                                                                                                                                               | Oil - Bbl.                                                    | Gas - MCF                | Water - Bbl.                                | Oil Gravity - API - ( <i>Corr.</i> )<br><div style="text-align: center; font-size: 1.2em;"><b>48</b></div>     |                                                                                                                        |                                                                                                                          |          |               |
| 29. Disposition of Gas ( <i>Sold, used for fuel, vented, etc.</i> )<br><div style="text-align: center; font-size: 1.2em;"><b>SOLD</b></div>                                                                                                                                                                                                                                               |                                            |                                                                                                                                                                                       |                                                               |                          |                                             |                                                                                                                |                                                                                                                        | 30. Test Witnessed By                                                                                                    |          |               |
| 31. List Attachments<br><div style="text-align: center; font-weight: bold;">C-102, C-104, C-103, Directional Survey, H spacing, Gas capture</div>                                                                                                                                                                                                                                         |                                            |                                                                                                                                                                                       |                                                               |                          |                                             |                                                                                                                |                                                                                                                        |                                                                                                                          |          |               |
| 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><div style="display: flex; justify-content: space-between;"> <span>Printed</span> <span>Name <b>Kay Maddox</b></span> <span>Title <b>Senior Regulatory Specialist</b></span> <span>Date <b>03/09/2021</b></span> </div>                             |                                            |                                                                                                                                                                                       |                                                               |                          |                                             |                                                                                                                |                                                                                                                        |                                                                                                                          |          |               |
| Signature <b>Kay Maddox</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 1180'   | T. Canyon Brushy 7569' | T. Ojo Alamo            | T. Penn A "      |
| T. Salt 1498'           | T. Strawn              | T. Kirtland             | T. Penn. "B"     |
| B. Salt 4890'           | 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 10,074' | T. Entrada              |                  |
| T. Wolfcamp             | T. 2nd BS Sand 10,683' | T. Wingate              |                  |
| T. Penn                 | T.                     | T. Chinle               |                  |
| T. Cisco (Bough C)      | T.                     | T. Permian              |                  |

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

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

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

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

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

**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 20313

**ACKNOWLEDGMENTS**

|                                                                      |                                                    |
|----------------------------------------------------------------------|----------------------------------------------------|
| Operator:<br>EOG RESOURCES INC<br>P.O. Box 2267<br>Midland, TX 79702 | OGRID:<br>7377                                     |
|                                                                      | Action Number:<br>20313                            |
|                                                                      | 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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**Energy, Minerals and Natural Resources**  
**Oil Conservation Division**  
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**Santa Fe, NM 87505**

CONDITIONS

Action 20313

**CONDITIONS**

|                                                                      |                                                    |
|----------------------------------------------------------------------|----------------------------------------------------|
| Operator:<br>EOG RESOURCES INC<br>P.O. Box 2267<br>Midland, TX 79702 | OGRID:<br>7377                                     |
|                                                                      | Action Number:<br>20313                            |
|                                                                      | 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. | 6/15/2021      |