

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

State of New Mexico  
Energy, Minerals & Natural  
Resources

Form C-104  
Revised August 1, 2011

Submit one copy to appropriate District Office

Oil Conservation Division  
1220 South St. Francis Dr.

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE MINERAL AUTHORIZATION TO TRANSPORT

|                                                                                                    |                                                             |                                                                    |                                  |
|----------------------------------------------------------------------------------------------------|-------------------------------------------------------------|--------------------------------------------------------------------|----------------------------------|
| <sup>1</sup> Operator name and Address<br>EOG RESOURCES INC<br>PO BOX 2267<br>MIDLAND, TEXAS 79702 |                                                             | <sup>2</sup> OGRID Number<br>7377                                  |                                  |
|                                                                                                    |                                                             | <sup>3</sup> Reason for Filing Code/ Effective Date<br>NW 7/6/2022 |                                  |
| <sup>4</sup> API Number<br>30 - 025-49771                                                          | <sup>5</sup> Pool Name<br>Jennings; Upper Bone Spring Shale |                                                                    | <sup>6</sup> Pool Code<br>97838  |
| <sup>7</sup> Property Code<br>325727                                                               | <sup>8</sup> Property Name<br>QUIJOTE 2 STATE 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 |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| B             | 2       | 26S      | 32E   |         | 365'          | NORTH            | 1941'         | EAST           | LEA    |

<sup>11</sup> Bottom Hole Location

| UL or lot no.          | Section                                        | Township                          | Range                             | Lot Idn                            | Feet from the                       | North/South line | Feet from the | East/West line | County |
|------------------------|------------------------------------------------|-----------------------------------|-----------------------------------|------------------------------------|-------------------------------------|------------------|---------------|----------------|--------|
| P                      | 2                                              | 26S                               | 32E                               |                                    | 110'                                | SOUTH            | 1305'         | EAST           | LEA    |
| <sup>12</sup> Lse Code | <sup>13</sup> Producing Method Code<br>FLOWING | <sup>14</sup> Gas Connection Date | <sup>15</sup> C-129 Permit Number | <sup>16</sup> C-129 Effective Date | <sup>17</sup> C-129 Expiration Date |                  |               |                |        |

III. Oil and Gas Transporters

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

IV. Well Completion Data

|                                       |                                       |                             |                               |                                               |                       |
|---------------------------------------|---------------------------------------|-----------------------------|-------------------------------|-----------------------------------------------|-----------------------|
| <sup>21</sup> Spud Date<br>02/28/2022 | <sup>22</sup> Ready Date<br>07/6/2022 | <sup>23</sup> TD<br>15,755' | <sup>24</sup> PBTD<br>15,728' | <sup>25</sup> Perforations<br>11,090'-15,728' | <sup>26</sup> DHC, MC |
| <sup>27</sup> Hole Size               | <sup>28</sup> Casing & Tubing Size    | <sup>29</sup> Depth Set     | <sup>30</sup> Sacks Cement    |                                               |                       |
| 16"                                   | 12 1/4"                               | 910'                        | 535 SXS CL C/CIRC             |                                               |                       |
| 12 1/4"                               | 9 5/8"                                | 4,613'                      | 1665 SXS CL C/CIRC            |                                               |                       |
| 7 7/8"                                | 5 1/2"                                | 15,737'                     | 599 SXS CL H/CIRC             |                                               |                       |
|                                       |                                       |                             |                               |                                               |                       |

V. Well Test Data

|                                                                                                                                                                                                                                             |                                             |                                      |                                                                                           |                             |                                    |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------|--------------------------------------|-------------------------------------------------------------------------------------------|-----------------------------|------------------------------------|
| <sup>31</sup> Date New Oil<br>7/6/2022                                                                                                                                                                                                      | <sup>32</sup> Gas Delivery Date<br>7/6/2022 | <sup>33</sup> Test Date<br>7/10/2022 | <sup>34</sup> Test Length<br>24 HRS                                                       | <sup>35</sup> Tbg. Pressure | <sup>36</sup> Csg. Pressure<br>710 |
| <sup>37</sup> Choke Size<br>90                                                                                                                                                                                                              | <sup>38</sup> Oil<br>4857                   | <sup>39</sup> Water<br>5295          | <sup>40</sup> Gas<br>7293                                                                 |                             | <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: <i>Kristina Agee</i> |                                             |                                      | OIL CONSERVATION DIVISION<br><br>Approved by:<br><br>Title:<br><br>Approval Date:<br><br> |                             |                                    |
| Printed name:<br>Kristina Agee                                                                                                                                                                                                              |                                             |                                      |                                                                                           |                             |                                    |
| Title:<br>SENIOR REGULATORY ADMINISTRATOR                                                                                                                                                                                                   |                                             |                                      |                                                                                           |                             |                                    |
| E-mail Address:<br>kristina_agee@eogresources.com                                                                                                                                                                                           |                                             |                                      |                                                                                           |                             |                                    |
| Date:<br>8/24/2022                                                                                                                                                                                                                          |                                             | Phone:<br>432-686-6996               |                                                                                           |                             |                                    |

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  
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1000 Rio Brazos Road, Aztec, NM 87410  
Phone: (505) 334-6178 Fax: (505) 334-6170  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505  
Phone: (505) 476-3460 Fax: (505) 476-3462

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

FORM C-102

Revised August 1, 2011

Submit one copy to appropriate

District Office

☐ AMENDED REPORT

## WELL LOCATION AND ACREAGE DEDICATION PLAT

|                                                |                                                          |                                                                    |
|------------------------------------------------|----------------------------------------------------------|--------------------------------------------------------------------|
| <sup>1</sup> API Number<br><b>30-025-49771</b> | <sup>2</sup> Pool Code<br><b>97838</b>                   | <sup>3</sup> Pool Name<br><b>Jennings; Upper Bone Spring Shale</b> |
| <sup>4</sup> Property Code<br><b>325727</b>    | <sup>5</sup> Property Name<br><b>QUIJOTE 2 STATE COM</b> |                                                                    |
| <sup>7</sup> OGRID No.<br><b>7377</b>          | <sup>8</sup> Operator Name<br><b>EOG RESOURCES, INC.</b> | <sup>6</sup> Well Number<br><b>503H</b>                            |
|                                                |                                                          | <sup>9</sup> Elevation<br><b>3330'</b>                             |

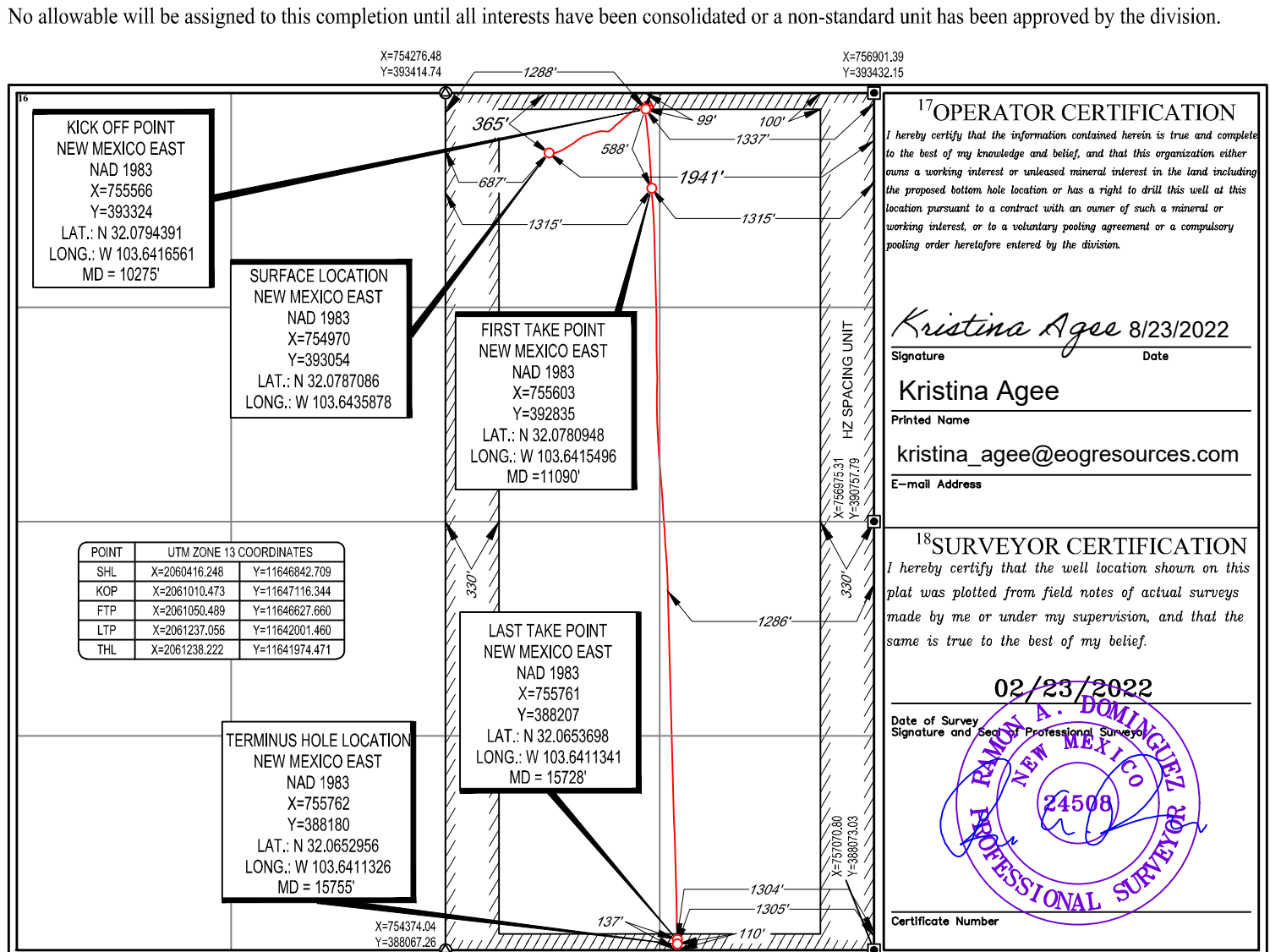
<sup>10</sup>Surface Location

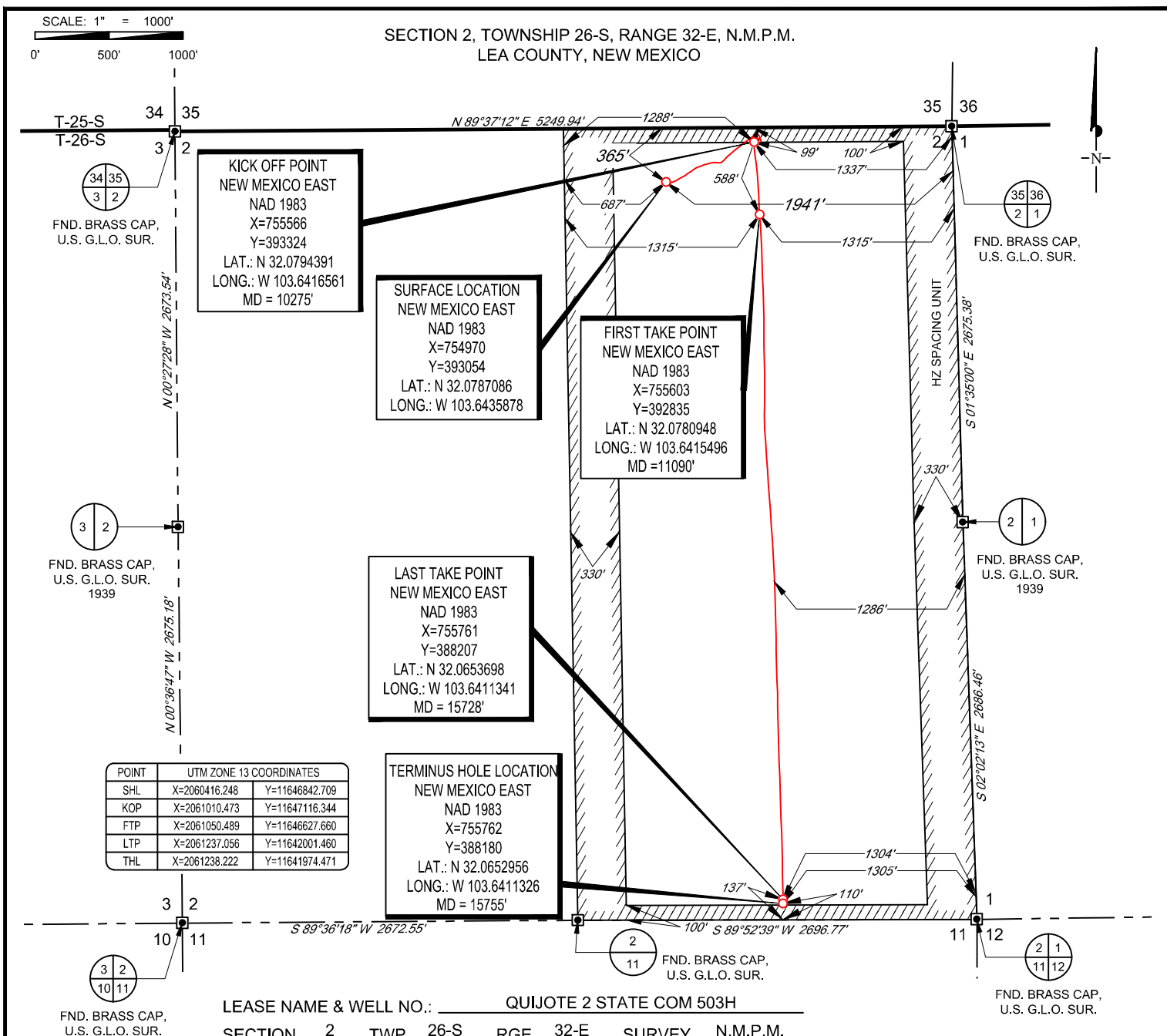
| UL or lot no. | Section  | Township    | Range       | Lot Idn  | Feet from the | North/South line | Feet from the | East/West line | County     |
|---------------|----------|-------------|-------------|----------|---------------|------------------|---------------|----------------|------------|
| <b>B</b>      | <b>2</b> | <b>26-S</b> | <b>32-E</b> | <b>-</b> | <b>365'</b>   | <b>NORTH</b>     | <b>1941'</b>  | <b>EAST</b>    | <b>LEA</b> |

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

| UL or lot no. | Section  | Township    | Range       | Lot Idn  | Feet from the | North/South line | Feet from the | East/West line | County     |
|---------------|----------|-------------|-------------|----------|---------------|------------------|---------------|----------------|------------|
| <b>P</b>      | <b>2</b> | <b>26-S</b> | <b>32-E</b> | <b>-</b> | <b>110'</b>   | <b>SOUTH</b>     | <b>1305'</b>  | <b>EAST</b>    | <b>LEA</b> |

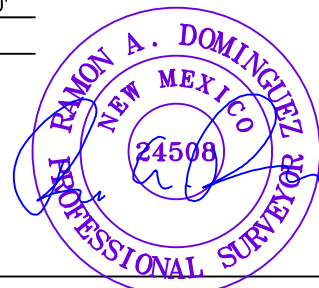
|                                                |                               |                                  |                         |
|------------------------------------------------|-------------------------------|----------------------------------|-------------------------|
| <sup>12</sup> Dedicated Acres<br><b>320.00</b> | <sup>13</sup> Joint or Infill | <sup>14</sup> Consolidation Code | <sup>15</sup> Order No. |
|------------------------------------------------|-------------------------------|----------------------------------|-------------------------|





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

**eog resources, inc.**



Ramon A. Dominguez, P.S. No. 24508  
AUGUST 22, 2022

QUIJOTE 2 STATE COM  
503H  
AS-DRILLED

REVISION:

NOTES:

1. ORIGINAL DOCUMENT SIZE: 8.5" X 11"
2. ALL BEARINGS, DISTANCES, AND COORDINATE VALUES CONTAINED HEREIN ARE GRID BASED UPON THE NEW MEXICO COORDINATE SYSTEM OF 1983, EAST ZONE, U.S. SURVEY FEET.
3. THIS WELL LOCATION SHOWN HEREON HAS BEEN SURVEYED ON THE GROUND UNDER MY SUPERVISION AND PREPARED ACCORDING TO THE EVIDENCE FOUND AT THE TIME OF SURVEY, AND DATA PROVIDED BY EOG RESOURCES, INC. THIS CERTIFICATION IS MADE AND LIMITED TO THOSE PERSONS OR ENTITIES SHOWN ON THE FACE OF THIS PLAT AND IS NON-TRANSFERABLE. THIS SURVEY IS CERTIFIED FOR THIS TRANSACTION ONLY.

DATE: 08/22/2022

FILE: AD\_QUIJOTE\_2\_STATE\_COM\_503H

DRAWN BY: SAR

SHEET: 2 OF 2



## Midland

Lea County, NM (NAD 83 NME)

Quijote 2 State Com

#503H

OH

Design: OH

## Final PVA

23 March, 2022





Final PVA



|                  |                             |                                     |                       |
|------------------|-----------------------------|-------------------------------------|-----------------------|
| <b>Company:</b>  | Midland                     | <b>Local Co-ordinate Reference:</b> | Well #503H            |
| <b>Project:</b>  | Lea County, NM (NAD 83 NME) | <b>TVD Reference:</b>               | KB = 32' @ 3362.0usft |
| <b>Site:</b>     | Quijote 2 State Com         | <b>MD Reference:</b>                | KB = 32' @ 3362.0usft |
| <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>                    | PEDM                  |

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

|                              |                     |                          |                   |
|------------------------------|---------------------|--------------------------|-------------------|
| <b>Site</b>                  | Quijote 2 State Com |                          |                   |
| <b>Site Position:</b>        |                     | <b>Northing:</b>         | 393,066.99 usft   |
| <b>From:</b>                 | Map                 | <b>Easting:</b>          | 756,153.00 usft   |
| <b>Position Uncertainty:</b> | 0.0 usft            | <b>Slot Radius:</b>      | 13-3/16 "         |
|                              |                     | <b>Latitude:</b>         | 32° 4' 43.401 N   |
|                              |                     | <b>Longitude:</b>        | 103° 38' 23.163 W |
|                              |                     | <b>Grid Convergence:</b> | 0.37 °            |

| Well                 |       | #503H    |                     |                 |               |                   |
|----------------------|-------|----------|---------------------|-----------------|---------------|-------------------|
| Well Position        | +N/-S | 0.0 usft | Northing:           | 393,054.00 usft | Latitude:     | 32° 4' 43.348 N   |
|                      | +E/-W | 0.0 usft | Easting:            | 754,970.00 usft | Longitude:    | 103° 38' 36.914 W |
| Position Uncertainty |       | 0.0 usft | Wellhead Elevation: | 0.0 usft        | Ground Level: | 3,330.0 usft      |

|                  |                   |                    |                        |                      |                            |
|------------------|-------------------|--------------------|------------------------|----------------------|----------------------------|
| <b>Wellbore</b>  | OH                |                    |                        |                      |                            |
| <b>Magnetics</b> | <b>Model Name</b> | <b>Sample Date</b> | <b>Declination (°)</b> | <b>Dip Angle (°)</b> | <b>Field Strength (nT)</b> |
|                  | IGRF2020          | 2/23/2022          | 6.49                   | 59.73                | 47,329.10273641            |

|                          |                                |                     |                     |                          |
|--------------------------|--------------------------------|---------------------|---------------------|--------------------------|
| <b>Design</b>            | OH                             |                     |                     |                          |
| <b>Audit Notes:</b>      |                                |                     |                     |                          |
| <b>Version:</b>          | 1.0                            | <b>Phase:</b>       | ACTUAL              | <b>Tie On Depth:</b> 0.0 |
| <b>Vertical Section:</b> | <b>Depth From (TVD) (usft)</b> | <b>+N/-S (usft)</b> | <b>+E/-W (usft)</b> | <b>Direction (°)</b>     |
|                          | 0.0                            | 0.0                 | 0.0                 | 170.83                   |

|                       |                  |                          |                  |                    |
|-----------------------|------------------|--------------------------|------------------|--------------------|
| <b>Survey Program</b> | <b>Date</b>      | 3/23/2022                |                  |                    |
| <b>From (usft)</b>    | <b>To (usft)</b> | <b>Survey (Wellbore)</b> | <b>Tool Name</b> | <b>Description</b> |
| 137.0                 | 15,755.0         | Total MWD (OH)           | EOG MWD+IFR1     | MWD + IFR1         |



Final PVA



|                  |                             |                                     |                       |
|------------------|-----------------------------|-------------------------------------|-----------------------|
| <b>Company:</b>  | Midland                     | <b>Local Co-ordinate Reference:</b> | Well #503H            |
| <b>Project:</b>  | Lea County, NM (NAD 83 NME) | <b>TVD Reference:</b>               | KB = 32' @ 3362.0usft |
| <b>Site:</b>     | Quijote 2 State Com         | <b>MD Reference:</b>                | KB = 32' @ 3362.0usft |
| <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>                    | PEDM                  |

| Survey       |            |                      |               |               |               |                     |                      |                     |                        |                         |  |
|--------------|------------|----------------------|---------------|---------------|---------------|---------------------|----------------------|---------------------|------------------------|-------------------------|--|
| MD<br>(usft) | Inc<br>(°) | Azi (azimuth)<br>(°) | TVD<br>(usft) | N/S<br>(usft) | E/W<br>(usft) | DLeg<br>(°/100usft) | Build<br>(°/100usft) | Turn<br>(°/100usft) | High to Plan<br>(usft) | Right to Plan<br>(usft) |  |
| 0.0          | 0.00       | 0.00                 | 0.0           | 0.0           | 0.0           | 0.00                | 0.00                 | 0.00                | 0.0                    | 0.0                     |  |
| 137.0        | 1.23       | 102.52               | 137.0         | -0.3          | 1.4           | 0.90                | 0.90                 | 0.00                | -1.5                   | 0.0                     |  |
| 322.0        | 1.49       | 254.75               | 322.0         | -1.4          | 1.1           | 1.43                | 0.14                 | 82.29               | 0.7                    | 1.6                     |  |
| 500.0        | 1.01       | 247.02               | 499.9         | -2.6          | -2.6          | 0.29                | -0.27                | -4.34               | -3.4                   | 1.4                     |  |
| 694.0        | 0.79       | 179.08               | 693.9         | -4.6          | -4.2          | 0.53                | -0.11                | -35.02              | -4.5                   | -4.3                    |  |
| 862.0        | 0.97       | 178.37               | 861.9         | -7.2          | -4.1          | 0.11                | 0.11                 | -0.42               | -7.1                   | -4.3                    |  |
| 975.0        | 0.97       | 184.70               | 974.9         | -9.1          | -4.2          | 0.09                | 0.00                 | 5.60                | -9.4                   | -3.4                    |  |
| 1,163.0      | 5.10       | 90.13                | 1,162.6       | -10.7         | 4.1           | 2.80                | 2.20                 | -50.30              | 0.3                    | -12.1                   |  |
| 1,352.0      | 6.99       | 70.53                | 1,350.6       | -6.9          | 23.3          | 1.47                | 1.00                 | -10.37              | 1.8                    | -13.7                   |  |
| 1,541.0      | 6.46       | 73.35                | 1,538.3       | 0.0           | 44.3          | 0.33                | -0.28                | 1.49                | 1.6                    | -13.8                   |  |
| 1,729.0      | 6.24       | 65.52                | 1,725.1       | 7.3           | 63.8          | 0.47                | -0.12                | -4.16               | 5.1                    | -12.3                   |  |
| 1,917.0      | 8.40       | 58.49                | 1,911.6       | 18.7          | 84.8          | 1.24                | 1.15                 | -3.74               | 4.6                    | -7.6                    |  |
| 2,105.0      | 6.99       | 61.66                | 2,097.9       | 31.3          | 106.6         | 0.78                | -0.75                | 1.69                | 1.1                    | -3.0                    |  |
| 2,293.0      | 7.38       | 57.26                | 2,284.4       | 43.2          | 126.8         | 0.36                | 0.21                 | -2.34               | -0.4                   | 1.9                     |  |
| 2,387.0      | 9.01       | 54.45                | 2,377.5       | 50.8          | 137.8         | 1.79                | 1.73                 | -2.99               | -3.1                   | 4.7                     |  |
| 2,481.0      | 8.53       | 56.65                | 2,470.4       | 58.9          | 149.7         | 0.62                | -0.51                | 2.34                | -6.1                   | 6.0                     |  |
| 2,575.0      | 7.74       | 56.30                | 2,563.4       | 66.2          | 160.7         | 0.84                | -0.84                | -0.37               | -8.2                   | 6.8                     |  |
| 2,667.0      | 7.08       | 55.24                | 2,654.6       | 72.9          | 170.6         | 0.73                | -0.72                | -1.15               | -9.3                   | 7.6                     |  |
| 2,762.0      | 6.24       | 54.98                | 2,749.0       | 79.2          | 179.6         | 0.88                | -0.88                | -0.27               | -9.0                   | 8.7                     |  |
| 2,856.0      | 5.71       | 55.50                | 2,842.5       | 84.8          | 187.6         | 0.57                | -0.56                | 0.55                | -7.5                   | 9.9                     |  |
| 3,044.0      | 5.45       | 57.44                | 3,029.6       | 94.9          | 202.9         | 0.17                | -0.14                | 1.03                | -3.0                   | 11.8                    |  |
| 3,138.0      | 7.08       | 67.02                | 3,123.0       | 99.6          | 212.0         | 2.05                | 1.73                 | 10.19               | 0.0                    | 11.6                    |  |
| 3,325.0      | 7.96       | 70.80                | 3,308.4       | 108.3         | 234.8         | 0.54                | 0.47                 | 2.02                | -1.7                   | 8.5                     |  |
| 3,514.0      | 7.12       | 72.03                | 3,495.8       | 116.2         | 258.3         | 0.45                | -0.44                | 0.65                | -4.1                   | 4.4                     |  |
| 3,608.0      | 6.99       | 71.59                | 3,589.1       | 119.8         | 269.3         | 0.15                | -0.14                | -0.47               | -4.7                   | 2.3                     |  |
| 3,797.0      | 5.45       | 73.26                | 3,777.0       | 126.1         | 288.8         | 0.82                | -0.81                | 0.88                | -3.0                   | -2.1                    |  |
| 3,986.0      | 5.01       | 75.90                | 3,965.2       | 130.6         | 305.4         | 0.27                | -0.23                | 1.40                | 1.6                    | -7.4                    |  |



Final PVA



|                  |                             |                                     |                       |
|------------------|-----------------------------|-------------------------------------|-----------------------|
| <b>Company:</b>  | Midland                     | <b>Local Co-ordinate Reference:</b> | Well #503H            |
| <b>Project:</b>  | Lea County, NM (NAD 83 NME) | <b>TVD Reference:</b>               | KB = 32' @ 3362.0usft |
| <b>Site:</b>     | Quijote 2 State Com         | <b>MD Reference:</b>                | KB = 32' @ 3362.0usft |
| <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>                    | PEDM                  |

| Survey       |            |                      |               |               |               |                     |                      |                     |                        |                         |
|--------------|------------|----------------------|---------------|---------------|---------------|---------------------|----------------------|---------------------|------------------------|-------------------------|
| MD<br>(usft) | Inc<br>(°) | Azi (azimuth)<br>(°) | TVD<br>(usft) | N/S<br>(usft) | E/W<br>(usft) | DLeg<br>(°/100usft) | Build<br>(°/100usft) | Turn<br>(°/100usft) | High to Plan<br>(usft) | Right to Plan<br>(usft) |
| 4,174.0      | 5.01       | 86.88                | 4,152.5       | 133.1         | 321.5         | 0.51                | 0.00                 | 5.84                | 4.1                    | -15.9                   |
| 4,363.0      | 5.19       | 96.99                | 4,340.7       | 132.5         | 338.3         | 0.48                | 0.10                 | 5.35                | 2.9                    | -28.3                   |
| 4,551.0      | 5.45       | 103.49               | 4,527.9       | 129.4         | 355.4         | 0.35                | 0.14                 | 3.46                | -1.0                   | -42.7                   |
| 4,742.0      | 6.77       | 65.35                | 4,717.9       | 132.0         | 374.4         | 2.19                | 0.69                 | -19.97              | 29.8                   | -41.7                   |
| 4,929.0      | 9.89       | 36.43                | 4,903.0       | 149.5         | 394.0         | 2.74                | 1.67                 | -15.47              | 40.8                   | -18.4                   |
| 5,118.0      | 10.46      | 49.53                | 5,089.0       | 173.7         | 416.7         | 1.26                | 0.30                 | 6.93                | 24.7                   | -19.0                   |
| 5,305.0      | 10.29      | 49.18                | 5,273.0       | 195.6         | 442.3         | 0.10                | -0.09                | -0.19               | 12.9                   | -14.4                   |
| 5,494.0      | 10.29      | 49.00                | 5,458.9       | 217.7         | 467.8         | 0.02                | 0.00                 | -0.10               | 1.2                    | -9.8                    |
| 5,680.0      | 9.71       | 54.45                | 5,642.1       | 237.8         | 493.1         | 0.60                | -0.31                | 2.93                | -9.9                   | -5.8                    |
| 5,869.0      | 9.45       | 53.48                | 5,828.5       | 256.3         | 518.5         | 0.16                | -0.14                | -0.51               | -18.9                  | -3.3                    |
| 6,057.0      | 9.19       | 51.11                | 6,014.0       | 274.9         | 542.6         | 0.25                | -0.14                | -1.26               | -27.1                  | -0.9                    |
| 6,244.0      | 9.23       | 51.29                | 6,198.6       | 293.6         | 565.9         | 0.03                | 0.02                 | 0.10                | -35.1                  | 2.9                     |
| 6,431.0      | 8.18       | 59.37                | 6,383.4       | 309.8         | 589.1         | 0.86                | -0.56                | 4.32                | -40.2                  | 10.5                    |
| 6,620.0      | 6.02       | 69.65                | 6,571.0       | 320.1         | 609.9         | 1.32                | -1.14                | 5.44                | -38.5                  | 16.4                    |
| 6,714.0      | 3.56       | 95.58                | 6,664.7       | 321.5         | 617.5         | 3.42                | -2.62                | 27.59               | -25.6                  | 27.2                    |
| 6,902.0      | 2.68       | 142.43               | 6,852.4       | 317.5         | 626.0         | 1.39                | -0.47                | 24.92               | -2.7                   | 19.3                    |
| 7,089.0      | 1.63       | 163.35               | 7,039.3       | 311.4         | 629.4         | 0.69                | -0.56                | 11.19               | -6.3                   | 2.5                     |
| 7,276.0      | 1.10       | 167.13               | 7,226.2       | 307.1         | 630.6         | 0.29                | -0.28                | 2.02                | -12.4                  | -3.3                    |
| 7,464.0      | 1.32       | 157.99               | 7,414.2       | 303.4         | 631.8         | 0.16                | 0.12                 | -4.86               | -15.7                  | -5.5                    |
| 7,652.0      | 1.45       | 155.09               | 7,602.1       | 299.2         | 633.6         | 0.08                | 0.07                 | -1.54               | -19.9                  | -6.4                    |
| 7,840.0      | 1.23       | 172.13               | 7,790.1       | 295.1         | 634.9         | 0.24                | -0.12                | 9.06                | -25.2                  | 0.4                     |
| 8,028.0      | 1.27       | 161.59               | 7,978.0       | 291.1         | 635.8         | 0.12                | 0.02                 | -5.61               | -28.9                  | -4.6                    |
| 8,216.0      | 1.23       | 145.50               | 8,166.0       | 287.4         | 637.6         | 0.19                | -0.02                | -8.56               | -30.6                  | -13.0                   |
| 8,404.0      | 1.45       | 155.52               | 8,353.9       | 283.6         | 639.7         | 0.17                | 0.12                 | 5.33                | -36.7                  | -7.1                    |
| 8,592.0      | 1.36       | 168.09               | 8,541.9       | 279.3         | 641.2         | 0.17                | -0.05                | 6.69                | -42.0                  | 1.5                     |
| 8,780.0      | 0.84       | 337.46               | 8,729.9       | 278.4         | 641.1         | 1.17                | -0.28                | 90.09               | 42.3                   | 6.6                     |
| 8,874.0      | 2.99       | 347.65               | 8,823.8       | 281.4         | 640.3         | 2.31                | 2.29                 | 10.84               | 39.7                   | -0.8                    |



Final PVA



|                  |                             |                                     |                       |
|------------------|-----------------------------|-------------------------------------|-----------------------|
| <b>Company:</b>  | Midland                     | <b>Local Co-ordinate Reference:</b> | Well #503H            |
| <b>Project:</b>  | Lea County, NM (NAD 83 NME) | <b>TVD Reference:</b>               | KB = 32' @ 3362.0usft |
| <b>Site:</b>     | Quijote 2 State Com         | <b>MD Reference:</b>                | KB = 32' @ 3362.0usft |
| <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>                    | PEDM                  |

| Survey                                                                   |            |                      |               |               |               |                     |                      |                     |                        |                         |       |
|--------------------------------------------------------------------------|------------|----------------------|---------------|---------------|---------------|---------------------|----------------------|---------------------|------------------------|-------------------------|-------|
| MD<br>(usft)                                                             | Inc<br>(°) | Azi (azimuth)<br>(°) | TVD<br>(usft) | N/S<br>(usft) | E/W<br>(usft) | DLeg<br>(°/100usft) | Build<br>(°/100usft) | Turn<br>(°/100usft) | High to Plan<br>(usft) | Right to Plan<br>(usft) |       |
| 9,061.0                                                                  | 2.20       | 322.69               | 9,010.6       | 289.0         | 637.1         | 0.73                | -0.42                | -13.35              | 28.3                   |                         | 13.9  |
| 9,249.0                                                                  | 1.93       | 304.59               | 9,198.5       | 293.7         | 632.3         | 0.37                | -0.14                | -9.63               | 16.0                   |                         | 20.9  |
| 9,437.0                                                                  | 2.64       | 237.61               | 9,386.4       | 293.2         | 626.0         | 1.38                | 0.38                 | -35.63              | -18.6                  |                         | 20.0  |
| 9,624.0                                                                  | 3.12       | 217.05               | 9,573.1       | 286.8         | 619.3         | 0.60                | 0.26                 | -10.99              | -33.5                  |                         | 10.7  |
| 9,813.0                                                                  | 2.77       | 227.68               | 9,761.9       | 279.6         | 612.9         | 0.34                | -0.19                | 5.62                | -40.6                  |                         | 17.7  |
| 10,001.0                                                                 | 2.20       | 240.25               | 9,949.7       | 274.8         | 606.4         | 0.42                | -0.30                | 6.69                | -43.8                  |                         | 27.1  |
| 10,197.0                                                                 | 2.15       | 249.83               | 10,145.6      | 271.6         | 599.6         | 0.19                | -0.03                | 4.89                | -46.1                  |                         | 34.6  |
| 10,275.0                                                                 | 3.31       | 226.51               | 10,223.5      | 269.6         | 596.6         | 2.03                | 1.48                 | -29.90              | -59.6                  |                         | 13.0  |
| KOP, MD:10275.0', TVD:10223.5',N/S:269.6', E/W:596.6', INC:3.31          |            |                      |               |               |               |                     |                      |                     |                        |                         |       |
| 10,281.7                                                                 | 3.42       | 225.28               | 10,230.2      | 269.3         | 596.4         | 2.03                | 1.72                 | -18.29              | -60.3                  |                         | 11.7  |
| FTP Crossing, MD:10281.7', TVD:10230.2',N/S:269.3', E/W:596.4', INC:3.42 |            |                      |               |               |               |                     |                      |                     |                        |                         |       |
| 10,292.0                                                                 | 3.60       | 223.55               | 10,240.5      | 268.8         | 595.9         | 2.03                | 1.74                 | -16.80              | -61.2                  |                         | 9.8   |
| 10,386.0                                                                 | 13.63      | 180.66               | 10,333.3      | 255.6         | 593.8         | 11.98               | 10.67                | -45.63              | -61.4                  |                         | -36.9 |
| 10,480.0                                                                 | 24.62      | 172.57               | 10,422.0      | 225.0         | 596.2         | 12.00               | 11.69                | -8.61               | -67.8                  |                         | -44.5 |
| 10,573.0                                                                 | 32.40      | 172.49               | 10,503.7      | 181.0         | 601.9         | 8.37                | 8.37                 | -0.09               | -78.3                  |                         | -40.4 |
| 10,667.0                                                                 | 39.34      | 172.22               | 10,579.8      | 126.5         | 609.3         | 7.38                | 7.38                 | -0.29               | -83.1                  |                         | -34.4 |
| 10,762.0                                                                 | 48.66      | 175.30               | 10,648.1      | 60.9          | 616.3         | 10.06               | 9.81                 | 3.24                | -84.2                  |                         | -25.3 |
| 10,856.0                                                                 | 53.93      | 176.44               | 10,706.8      | -12.2         | 621.5         | 5.69                | 5.61                 | 1.21                | -78.0                  |                         | -20.8 |
| 10,950.0                                                                 | 59.91      | 177.15               | 10,758.1      | -90.8         | 625.9         | 6.39                | 6.36                 | 0.76                | -63.0                  |                         | -18.2 |
| 11,045.0                                                                 | 67.43      | 177.50               | 10,800.2      | -175.8        | 629.9         | 7.92                | 7.92                 | 0.37                | -41.8                  |                         | -16.5 |
| 11,140.0                                                                 | 74.46      | 175.04               | 10,831.2      | -265.3        | 635.8         | 7.79                | 7.40                 | -2.59               | -16.5                  |                         | -13.2 |
| 11,233.0                                                                 | 81.36      | 176.09               | 10,850.7      | -355.9        | 642.8         | 7.50                | 7.42                 | 1.13                | 2.4                    |                         | -8.5  |
| 11,327.0                                                                 | 86.95      | 178.38               | 10,860.3      | -449.3        | 647.3         | 6.42                | 5.95                 | 2.44                | 11.5                   |                         | -6.8  |
| 11,421.0                                                                 | 89.01      | 178.55               | 10,863.6      | -543.2        | 649.8         | 2.20                | 2.19                 | 0.18                | 14.5                   |                         | -7.1  |
| 11,515.0                                                                 | 89.58      | 177.94               | 10,864.7      | -637.2        | 652.7         | 0.89                | 0.61                 | -0.65               | 15.3                   |                         | -7.1  |
| 11,608.0                                                                 | 90.90      | 177.32               | 10,864.3      | -730.1        | 656.5         | 1.57                | 1.42                 | -0.67               | 14.5                   |                         | -6.0  |
| 11,702.0                                                                 | 89.80      | 179.43               | 10,863.8      | -824.0        | 659.2         | 2.53                | -1.17                | 2.24                | 13.6                   |                         | -6.2  |



Final PVA



|                  |                             |                                     |                       |
|------------------|-----------------------------|-------------------------------------|-----------------------|
| <b>Company:</b>  | Midland                     | <b>Local Co-ordinate Reference:</b> | Well #503H            |
| <b>Project:</b>  | Lea County, NM (NAD 83 NME) | <b>TVD Reference:</b>               | KB = 32' @ 3362.0usft |
| <b>Site:</b>     | Quijote 2 State Com         | <b>MD Reference:</b>                | KB = 32' @ 3362.0usft |
| <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>                    | PEDM                  |

| Survey       |            |                      |               |               |               |                     |                      |                     |                        |                         |
|--------------|------------|----------------------|---------------|---------------|---------------|---------------------|----------------------|---------------------|------------------------|-------------------------|
| MD<br>(usft) | Inc<br>(°) | Azi (azimuth)<br>(°) | TVD<br>(usft) | N/S<br>(usft) | E/W<br>(usft) | DLeg<br>(°/100usft) | Build<br>(°/100usft) | Turn<br>(°/100usft) | High to Plan<br>(usft) | Right to Plan<br>(usft) |
| 11,797.0     | 90.64      | 178.64               | 10,863.4      | -919.0        | 660.8         | 1.21                | 0.88                 | -0.83               | 12.8                   | -7.4                    |
| 11,891.0     | 88.70      | 179.87               | 10,864.0      | -1,013.0      | 662.0         | 2.44                | -2.06                | 1.31                | 13.0                   | -9.0                    |
| 11,985.0     | 88.53      | 179.43               | 10,866.2      | -1,107.0      | 662.6         | 0.50                | -0.18                | -0.47               | 14.9                   | -11.3                   |
| 12,079.0     | 89.49      | 178.81               | 10,867.8      | -1,200.9      | 664.0         | 1.22                | 1.02                 | -0.66               | 16.2                   | -12.7                   |
| 12,173.0     | 90.68      | 178.55               | 10,867.7      | -1,294.9      | 666.2         | 1.30                | 1.27                 | -0.28               | 15.7                   | -13.3                   |
| 12,267.0     | 87.96      | 180.22               | 10,868.8      | -1,388.9      | 667.2         | 3.40                | -2.89                | 1.78                | 16.4                   | -15.1                   |
| 12,361.0     | 88.70      | 180.66               | 10,871.6      | -1,482.8      | 666.5         | 0.92                | 0.79                 | 0.47                | 18.8                   | -18.7                   |
| 12,455.0     | 89.58      | 181.10               | 10,873.0      | -1,576.8      | 665.0         | 1.05                | 0.94                 | 0.47                | 19.9                   | -22.9                   |
| 12,549.0     | 88.79      | 176.35               | 10,874.3      | -1,670.8      | 667.1         | 5.12                | -0.84                | -5.05               | 20.8                   | -23.6                   |
| 12,643.0     | 90.11      | 176.44               | 10,875.2      | -1,764.6      | 673.0         | 1.41                | 1.40                 | 0.10                | 21.4                   | -20.6                   |
| 12,737.0     | 90.02      | 176.18               | 10,875.1      | -1,858.4      | 679.1         | 0.29                | -0.10                | -0.28               | 20.9                   | -17.3                   |
| 12,831.0     | 91.12      | 175.65               | 10,874.2      | -1,952.1      | 685.8         | 1.30                | 1.17                 | -0.56               | 19.6                   | -13.5                   |
| 12,924.0     | 92.09      | 175.83               | 10,871.6      | -2,044.8      | 692.7         | 1.06                | 1.04                 | 0.19                | 16.6                   | -9.3                    |
| 13,017.0     | 92.57      | 175.65               | 10,867.8      | -2,137.5      | 699.6         | 0.55                | 0.52                 | -0.19               | 12.5                   | -5.2                    |
| 13,112.0     | 91.21      | 176.27               | 10,864.7      | -2,232.2      | 706.3         | 1.57                | -1.43                | 0.65                | 9.0                    | -1.4                    |
| 13,206.0     | 90.77      | 176.00               | 10,863.0      | -2,326.0      | 712.6         | 0.55                | -0.47                | -0.29               | 7.0                    | 2.1                     |
| 13,301.0     | 91.38      | 176.27               | 10,861.2      | -2,420.7      | 719.0         | 0.70                | 0.64                 | 0.28                | 4.8                    | 5.7                     |
| 13,394.0     | 91.30      | 176.62               | 10,859.1      | -2,513.5      | 724.8         | 0.39                | -0.09                | 0.38                | 2.3                    | 8.7                     |
| 13,488.0     | 90.68      | 177.50               | 10,857.4      | -2,607.4      | 729.6         | 1.15                | -0.66                | 0.94                | 0.3                    | 10.7                    |
| 13,582.0     | 87.47      | 177.94               | 10,859.0      | -2,701.3      | 733.3         | 3.45                | -3.41                | 0.47                | 1.4                    | 11.6                    |
| 13,676.0     | 88.35      | 178.20               | 10,862.4      | -2,795.2      | 736.5         | 0.98                | 0.94                 | 0.28                | 4.5                    | 11.9                    |
| 13,771.0     | 89.23      | 178.55               | 10,864.4      | -2,890.1      | 739.2         | 1.00                | 0.93                 | 0.37                | 6.1                    | 11.8                    |
| 13,865.0     | 90.02      | 178.64               | 10,865.0      | -2,984.1      | 741.5         | 0.85                | 0.84                 | 0.10                | 6.4                    | 11.3                    |
| 13,959.0     | 90.99      | 178.82               | 10,864.2      | -3,078.1      | 743.6         | 1.05                | 1.03                 | 0.19                | 5.2                    | 10.5                    |
| 14,053.0     | 89.63      | 178.99               | 10,863.7      | -3,172.0      | 745.4         | 1.46                | -1.45                | 0.18                | 4.3                    | 9.5                     |
| 14,146.0     | 89.85      | 178.38               | 10,864.1      | -3,265.0      | 747.5         | 0.70                | 0.24                 | -0.66               | 4.4                    | 8.8                     |
| 14,240.0     | 90.29      | 178.29               | 10,864.0      | -3,359.0      | 750.2         | 0.48                | 0.47                 | -0.10               | 3.9                    | 8.7                     |



Final PVA



|                  |                             |                                     |                       |
|------------------|-----------------------------|-------------------------------------|-----------------------|
| <b>Company:</b>  | Midland                     | <b>Local Co-ordinate Reference:</b> | Well #503H            |
| <b>Project:</b>  | Lea County, NM (NAD 83 NME) | <b>TVD Reference:</b>               | KB = 32' @ 3362.0usft |
| <b>Site:</b>     | Quijote 2 State Com         | <b>MD Reference:</b>                | KB = 32' @ 3362.0usft |
| <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>                    | PEDM                  |

| Survey                                 |            |                      |               |               |               |                     |                      |                     |                        |                         |
|----------------------------------------|------------|----------------------|---------------|---------------|---------------|---------------------|----------------------|---------------------|------------------------|-------------------------|
| MD<br>(usft)                           | Inc<br>(°) | Azi (azimuth)<br>(°) | TVD<br>(usft) | N/S<br>(usft) | E/W<br>(usft) | DLeg<br>(°/100usft) | Build<br>(°/100usft) | Turn<br>(°/100usft) | High to Plan<br>(usft) | Right to Plan<br>(usft) |
| 14,334.0                               | 90.86      | 178.38               | 10,863.0      | -3,452.9      | 753.0         | 0.61                | 0.61                 | 0.10                | 2.6                    | 8.7                     |
| 14,428.0                               | 88.57      | 178.81               | 10,863.5      | -3,546.9      | 755.3         | 2.48                | -2.44                | 0.46                | 2.7                    | 8.1                     |
| 14,522.0                               | 88.84      | 178.64               | 10,865.6      | -3,640.9      | 757.4         | 0.34                | 0.29                 | -0.18               | 4.4                    | 7.4                     |
| 14,616.0                               | 88.97      | 178.46               | 10,867.4      | -3,734.8      | 759.7         | 0.24                | 0.14                 | -0.19               | 5.9                    | 7.0                     |
| 14,709.0                               | 89.54      | 178.46               | 10,868.6      | -3,827.8      | 762.2         | 0.61                | 0.61                 | 0.00                | 6.7                    | 6.7                     |
| 14,804.0                               | 88.53      | 178.02               | 10,870.2      | -3,922.7      | 765.2         | 1.16                | -1.06                | -0.46               | 8.0                    | 6.7                     |
| 14,898.0                               | 88.75      | 178.02               | 10,872.5      | -4,016.6      | 768.4         | 0.23                | 0.23                 | 0.00                | 9.8                    | 7.2                     |
| 14,992.0                               | 89.19      | 178.20               | 10,874.2      | -4,110.6      | 771.5         | 0.51                | 0.47                 | 0.19                | 11.1                   | 7.4                     |
| 15,087.0                               | 89.58      | 177.94               | 10,875.2      | -4,205.5      | 774.7         | 0.49                | 0.41                 | -0.27               | 11.8                   | 7.8                     |
| 15,181.0                               | 90.07      | 178.20               | 10,875.5      | -4,299.4      | 777.9         | 0.59                | 0.52                 | 0.28                | 11.7                   | 8.1                     |
| 15,275.0                               | 90.81      | 178.11               | 10,874.7      | -4,393.4      | 780.9         | 0.79                | 0.79                 | -0.10               | 10.6                   | 8.3                     |
| 15,370.0                               | 91.56      | 178.02               | 10,872.8      | -4,488.3      | 784.1         | 0.80                | 0.79                 | -0.09               | 8.3                    | 8.7                     |
| 15,463.0                               | 89.23      | 179.25               | 10,872.1      | -4,581.3      | 786.3         | 2.83                | -2.51                | 1.32                | 7.3                    | 8.1                     |
| 15,558.0                               | 89.45      | 179.25               | 10,873.2      | -4,676.3      | 787.6         | 0.23                | 0.23                 | 0.00                | 8.0                    | 6.5                     |
| 15,652.0                               | 89.89      | 178.64               | 10,873.8      | -4,770.2      | 789.3         | 0.80                | 0.47                 | -0.65               | 8.2                    | 5.4                     |
| 15,701.0                               | 89.89      | 178.64               | 10,873.9      | -4,819.2      | 790.5         | 0.00                | 0.00                 | 0.00                | 8.1                    | 5.1                     |
| <b>Last MWD Survey (MD=15701.0')</b>   |            |                      |               |               |               |                     |                      |                     |                        |                         |
| 15,755.0                               | 89.89      | 178.64               | 10,874.0      | -4,873.2      | 791.7         | 0.00                | 0.00                 | 0.00                | 8.0                    | 4.8                     |
| <b>Projection to Bit (MD=15755.0')</b> |            |                      |               |               |               |                     |                      |                     |                        |                         |

| Design Annotations          |                             |                   |                 |                                                                           |
|-----------------------------|-----------------------------|-------------------|-----------------|---------------------------------------------------------------------------|
| Measured<br>Depth<br>(usft) | Vertical<br>Depth<br>(usft) | Local Coordinates |                 | Comment                                                                   |
|                             |                             | +N/-S<br>(usft)   | +E/-W<br>(usft) |                                                                           |
| 10,275.0                    | 10,223.5                    | 269.6             | 596.6           | KOP, MD:10275.0', TVD:10223.5', N/S:269.6', E/W:596.6', INC:3.31          |
| 10,281.7                    | 10,230.2                    | 269.3             | 596.4           | FTP Crossing, MD:10281.7', TVD:10230.2', N/S:269.3', E/W:596.4', INC:3.42 |
| 15,701.0                    | 10,873.9                    | -4,819.2          | 790.5           | Last MWD Survey (MD=15701.0')                                             |
| 15,755.0                    | 10,874.0                    | -4,873.2          | 791.7           | Projection to Bit (MD=15755.0')                                           |



Final PVA



|                  |                             |                                     |                       |
|------------------|-----------------------------|-------------------------------------|-----------------------|
| <b>Company:</b>  | Midland                     | <b>Local Co-ordinate Reference:</b> | Well #503H            |
| <b>Project:</b>  | Lea County, NM (NAD 83 NME) | <b>TVD Reference:</b>               | KB = 32' @ 3362.0usft |
| <b>Site:</b>     | Quijote 2 State Com         | <b>MD Reference:</b>                | KB = 32' @ 3362.0usft |
| <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>                    | PEDM                  |

|                   |                    |             |
|-------------------|--------------------|-------------|
| Checked By: _____ | Approved By: _____ | Date: _____ |
|-------------------|--------------------|-------------|

Lea County, NM (NAD 83 NME)

Quijote 2 State Com #503H

Plan #1

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

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

WELL DETAILS: #503H

KB = 32' @ 3362.0usft 3330.0  
Northing 393054.00 Easting 754970.00 Latitude 32° 4' 43.348 N Longitude 103° 38' 36.914 W

SECTION DETAILS

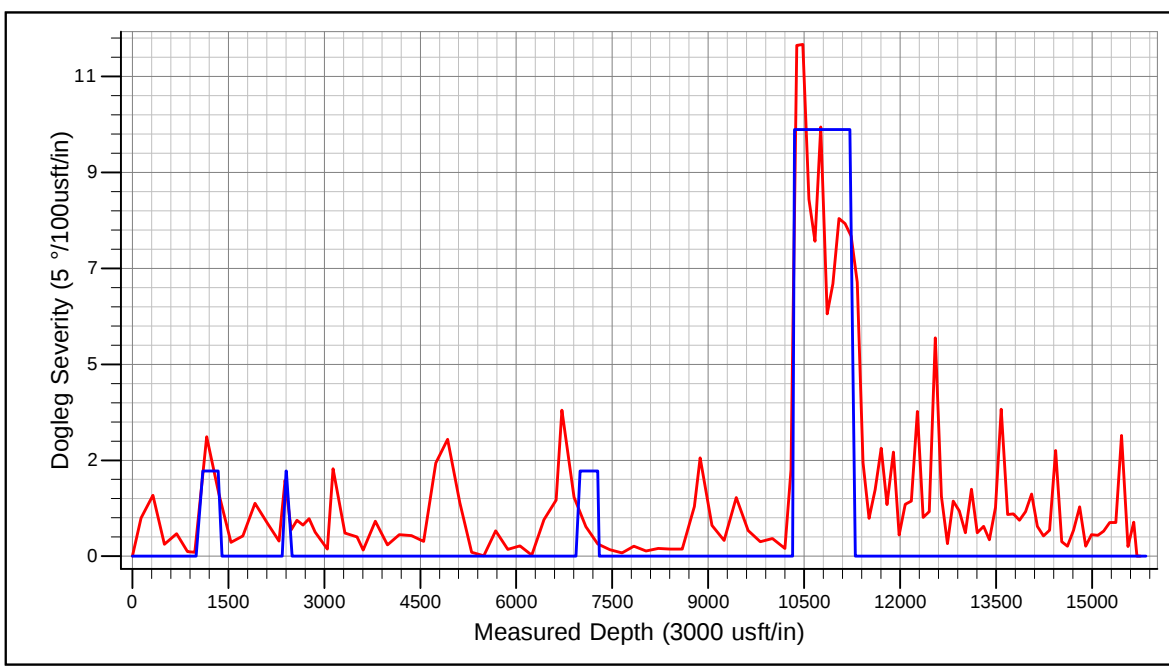
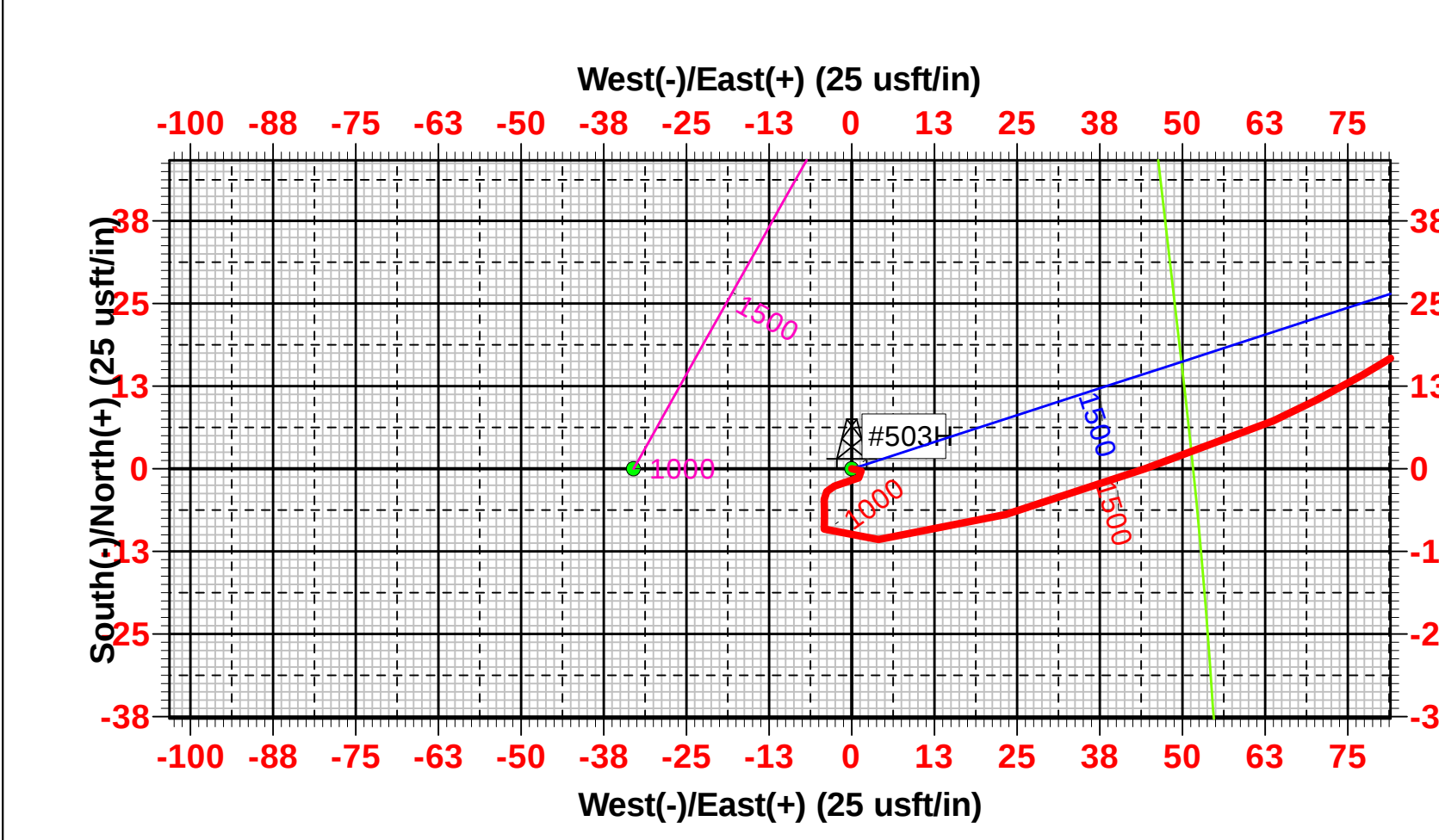
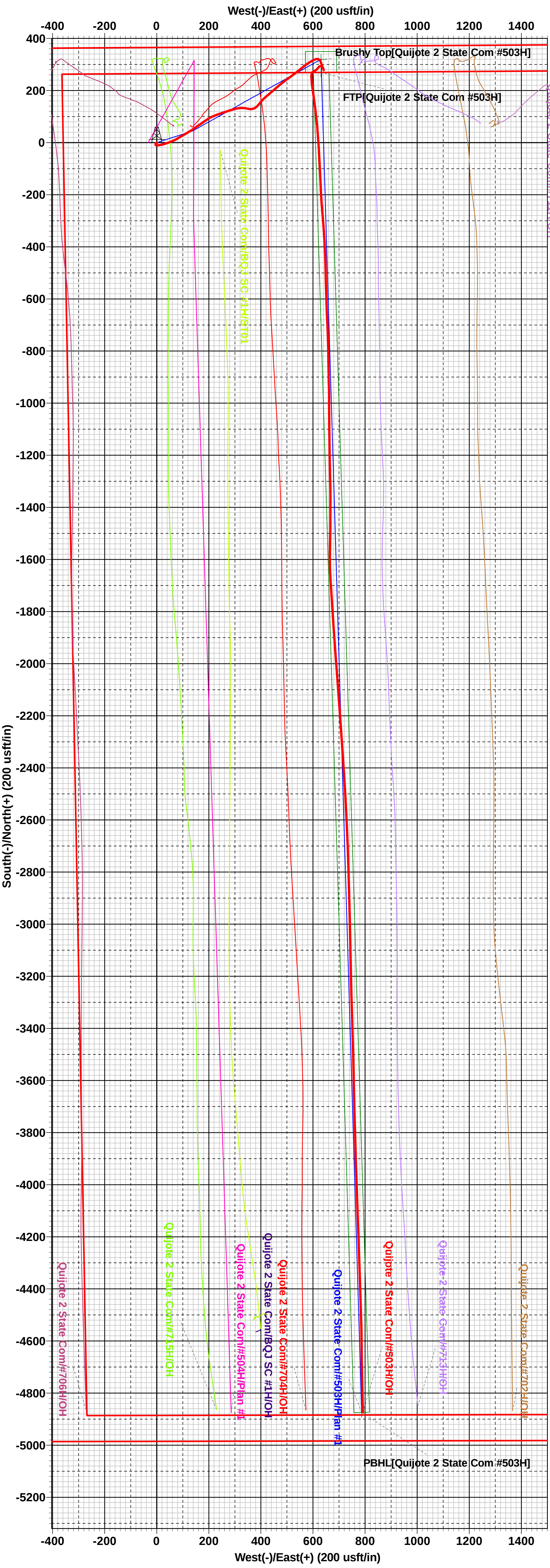
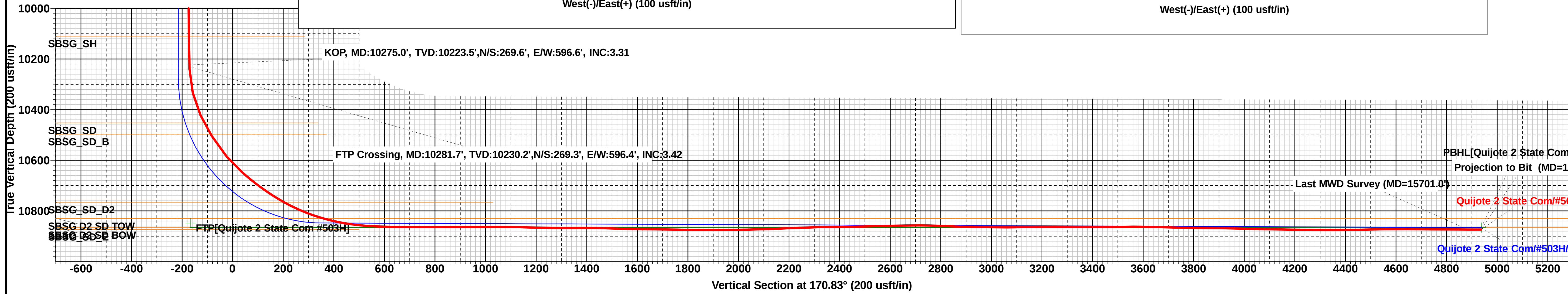
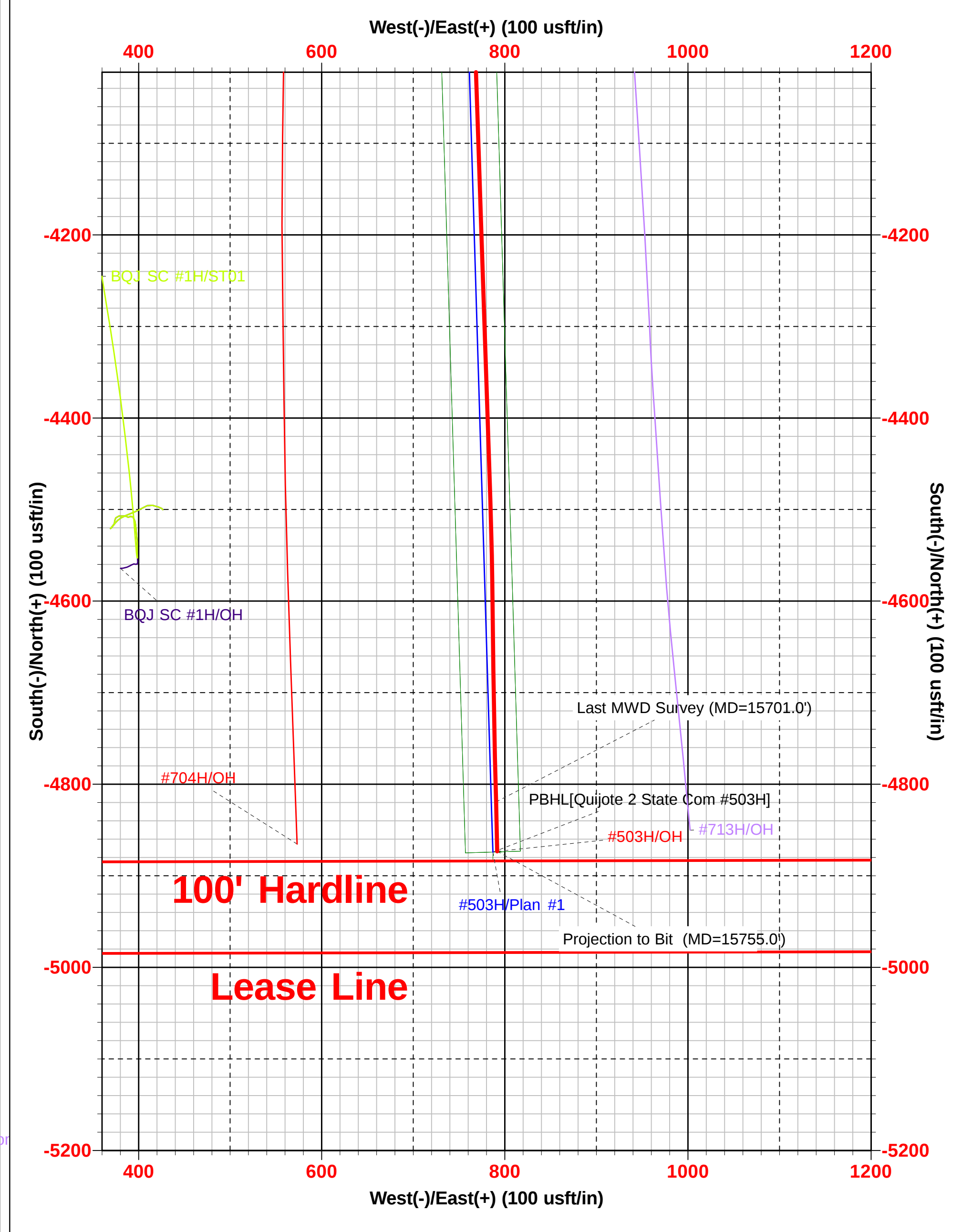
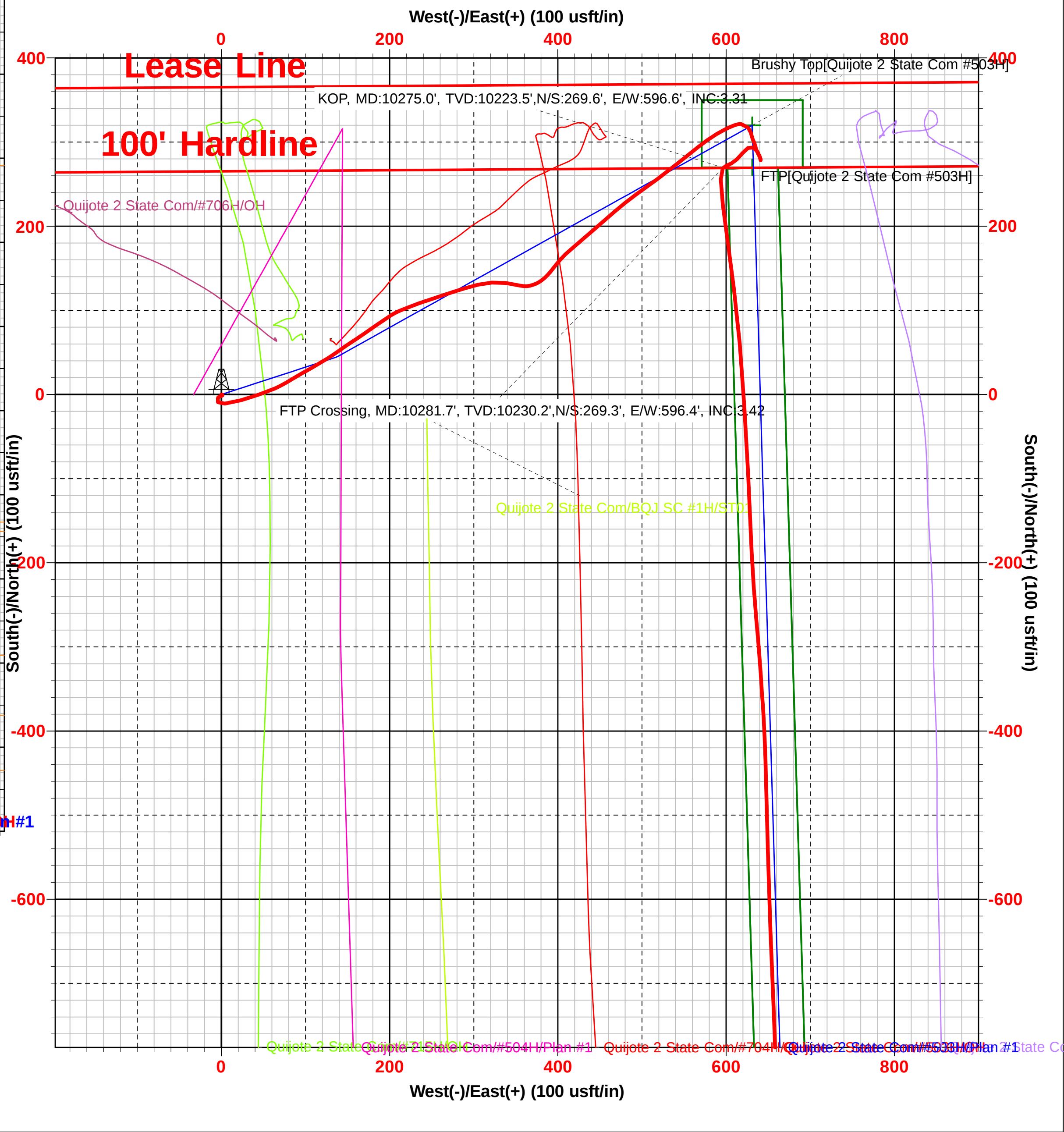
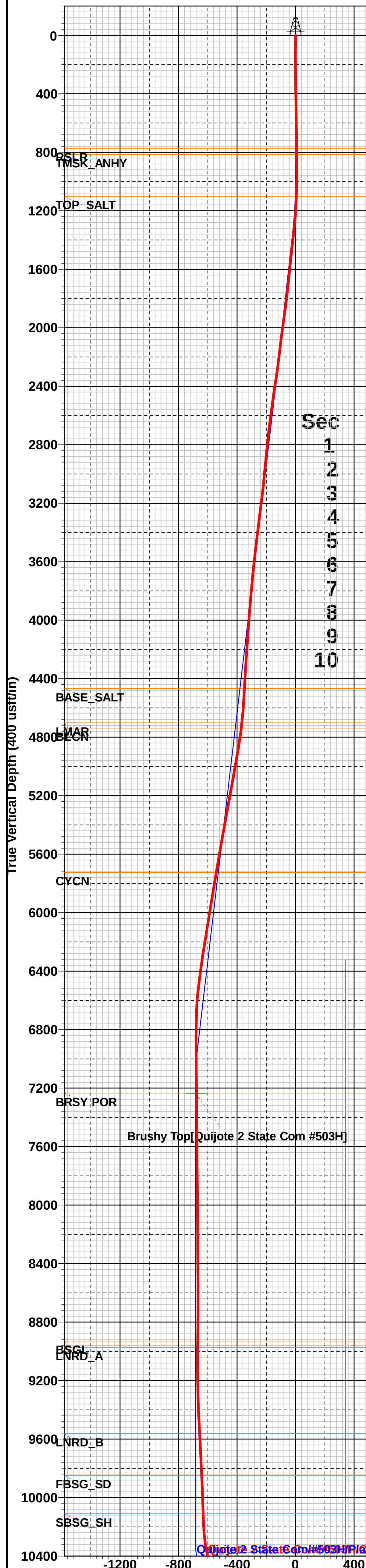
| Sec | MD      | Inc   | Azi    | TVD     | +N/-S   | +E/-W | Dleg  | TFace  | VSect  | Target                                |
|-----|---------|-------|--------|---------|---------|-------|-------|--------|--------|---------------------------------------|
| 1   | 0.0     | 0.00  | 0.00   | 0.0     | 0.0     | 0.0   | 0.00  | 0.00   | 0.0    |                                       |
| 2   | 1000.0  | 0.00  | 0.00   | 1000.0  | 0.0     | 0.0   | 0.00  | 0.00   | 0.0    |                                       |
| 3   | 1343.5  | 6.87  | 72.00  | 1342.7  | 6.4     | 19.6  | 2.00  | 72.00  | -3.2   |                                       |
| 4   | 2343.5  | 6.87  | 72.00  | 2335.5  | 43.3    | 133.3 | 0.00  | 0.00   | -21.5  |                                       |
| 5   | 2410.1  | 6.87  | 60.85  | 2401.6  | 46.5    | 140.6 | 2.00  | -95.52 | -23.5  |                                       |
| 6   | 6932.3  | 6.87  | 60.85  | 6891.3  | 310.0   | 613.0 | 0.00  | 0.00   | -208.3 |                                       |
| 7   | 7275.8  | 0.00  | 0.00   | 7234.0  | 320.0   | 631.0 | 2.00  | 180.00 | -215.3 | Brushy Top[Quijote 2 State Com #503H] |
| 8   | 10316.8 | 0.00  | 0.00   | 10275.0 | 320.0   | 631.0 | 0.00  | 0.00   | -215.3 |                                       |
| 9   | 11214.5 | 89.78 | 178.28 | 10848.0 | -250.5  | 648.1 | 10.00 | 178.28 | 350.6  |                                       |
| 10  | 15840.2 | 89.78 | 178.28 | 10866.0 | -4874.0 | 787.0 | 0.00  | 0.00   | 4937.1 | PBHL[Quijote 2 State Com #503H]       |

CASING DETAILS

No casing data is available

WELLBORE TARGET DETAILS (MAP CO-ORDINATES)

| Name                                  | TVD     | +N/-S   | +E/-W | Northing  | Easting   |
|---------------------------------------|---------|---------|-------|-----------|-----------|
| Brushy Top[Quijote 2 State Com #503H] | 7234.0  | 320.0   | 631.0 | 393374.00 | 755601.00 |
| PBHL[Quijote 2 State Com #503H]       | 10866.0 | -4874.0 | 787.0 | 388180.00 | 755757.00 |
| FTP[Quijote 2 State Com #503H]        | 10848.0 | 270.0   | 631.0 | 393324.00 | 755601.00 |



Intent ☐ As Drilled ☐

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

## Kick Off Point (KOP)

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

## First Take Point (FTP)

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

## Last Take Point (LTP)

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

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

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

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

KZ 06/29/2018

|                                                                                                                                                                                                                                                                                                                                                                                           |                                           |                                                                                                                                                                                       |                                                               |                          |                                             |                                                             |                                                                      |                                                                    |          |               |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------|--------------------------|---------------------------------------------|-------------------------------------------------------------|----------------------------------------------------------------------|--------------------------------------------------------------------|----------|---------------|
| Submit To Appropriate District Office<br>Two Copies<br><u>District I</u><br>1625 N. French Dr., Hobbs, NM 88240<br><u>District II</u><br>811 S. First St., Artesia, NM 88210<br><u>District III</u><br>1000 Rio Brazos Rd., Aztec, NM 87410<br><u>District IV</u><br>1220 S. St. Francis Dr., Santa Fe, NM 87505                                                                          |                                           | <b>State of New Mexico</b><br><b>Energy, Minerals and Natural Resources</b><br><br><b>Oil Conservation Division</b><br><b>1220 South St. Francis Dr.</b><br><b>Santa Fe, NM 87505</b> |                                                               |                          | <b>Form C-105</b><br>Revised August 1, 2011 |                                                             |                                                                      |                                                                    |          |               |
| WELL COMPLETION OR RECOMPLETION REPORT AND LOG                                                                                                                                                                                                                                                                                                                                            |                                           |                                                                                                                                                                                       |                                                               |                          |                                             |                                                             |                                                                      |                                                                    |          |               |
| 4. Reason for filing:<br><br><input checked="" type="checkbox"/> <b>COMPLETION REPORT</b> (Fill in boxes #1 through #31 for State and Fee wells only)<br><br><input type="checkbox"/> <b>C-144 CLOSURE ATTACHMENT</b> (Fill in boxes #1 through #9, #15 Date Rig Released and #32 and/or #33; attach this and the plat to the C-144 closure report in accordance with 19.15.17.13.K NMAC) |                                           |                                                                                                                                                                                       |                                                               |                          |                                             |                                                             |                                                                      | 5. Lease Name or Unit Agreement Name<br><b>QUIJOTE 2 STATE COM</b> |          |               |
|                                                                                                                                                                                                                                                                                                                                                                                           |                                           |                                                                                                                                                                                       |                                                               |                          |                                             |                                                             |                                                                      | 6. Well Number:<br><br><b>503H</b>                                 |          |               |
| 7. Type of Completion:<br><input checked="" type="checkbox"/> NEW WELL <input type="checkbox"/> WORKOVER <input type="checkbox"/> DEEPENING <input type="checkbox"/> PLUGBACK <input type="checkbox"/> DIFFERENT RESERVOIR <input type="checkbox"/> OTHER _____                                                                                                                           |                                           |                                                                                                                                                                                       |                                                               |                          |                                             |                                                             |                                                                      |                                                                    |          |               |
| 8. Name of Operator<br><b>EOG RESOURCES INC</b>                                                                                                                                                                                                                                                                                                                                           |                                           |                                                                                                                                                                                       |                                                               |                          |                                             |                                                             | 9. OGRID<br><b>7377</b>                                              |                                                                    |          |               |
| 10. Address of Operator<br><b>PO BOX 2267 MIDLAND, TEXAS 79702</b>                                                                                                                                                                                                                                                                                                                        |                                           |                                                                                                                                                                                       |                                                               |                          |                                             |                                                             | 11. Pool name or Wildcat<br><b>Jennings; Upper Bone Spring Shale</b> |                                                                    |          |               |
| 12. Location                                                                                                                                                                                                                                                                                                                                                                              | Unit Ltr                                  | Section                                                                                                                                                                               | Township                                                      | Range                    | Lot                                         | Feet from the                                               | N/S Line                                                             | Feet from the                                                      | E/W Line | County        |
| <b>Surface:</b>                                                                                                                                                                                                                                                                                                                                                                           | B                                         | 2                                                                                                                                                                                     | 26S                                                           | 32E                      |                                             | 365'                                                        | NORTH                                                                | 1941'                                                              | EAST     | LEA           |
| <b>BH:</b>                                                                                                                                                                                                                                                                                                                                                                                | P                                         | 2                                                                                                                                                                                     | 26S                                                           | 32E                      |                                             | 110'                                                        | SOUTH                                                                | 1305'                                                              | EAST     | LEA           |
| 13. Date Spudded<br><b>02/28/2022</b>                                                                                                                                                                                                                                                                                                                                                     | 14. Date T.D. Reached<br><b>03/8/2022</b> |                                                                                                                                                                                       | 15. Date Rig Released<br><b>3/8/2022</b>                      |                          |                                             | 16. Date Completed (Ready to Produce)<br><b>7/6/2022</b>    |                                                                      | 17. Elevations (DF and RKB, RT, GR, etc.)<br><b>3330GL</b>         |          |               |
| 18. Total Measured Depth of Well<br><b>MD 15,755' TVD 10,874'</b>                                                                                                                                                                                                                                                                                                                         |                                           |                                                                                                                                                                                       | 19. Plug Back Measured Depth<br><b>MD 15,728' TVD 10,874'</b> |                          |                                             | 20. Was Directional Survey Made?<br><b>YES</b>              |                                                                      | 21. Type Electric and Other Logs Run<br><b>None</b>                |          |               |
| 22. Producing Interval(s), of this completion - Top, Bottom, Name<br><b>2ND BONE SPRINGS 11,090'-15,728'</b>                                                                                                                                                                                                                                                                              |                                           |                                                                                                                                                                                       |                                                               |                          |                                             |                                                             |                                                                      |                                                                    |          |               |
| <b>23. CASING RECORD (Report all strings set in well)</b>                                                                                                                                                                                                                                                                                                                                 |                                           |                                                                                                                                                                                       |                                                               |                          |                                             |                                                             |                                                                      |                                                                    |          |               |
| CASING SIZE                                                                                                                                                                                                                                                                                                                                                                               |                                           | WEIGHT LB./FT.                                                                                                                                                                        |                                                               | DEPTH SET                |                                             | HOLE SIZE                                                   |                                                                      | CEMENTING RECORD                                                   |          | AMOUNT PULLED |
| 13 3/8"                                                                                                                                                                                                                                                                                                                                                                                   |                                           | 54.5# J-55                                                                                                                                                                            |                                                               | 910'                     |                                             | 16"                                                         |                                                                      | 535 CL C/CIRC                                                      |          |               |
| 9 5/8"                                                                                                                                                                                                                                                                                                                                                                                    |                                           | 40# J55                                                                                                                                                                               |                                                               | 4,613'                   |                                             | 12 1/4"                                                     |                                                                      | 1665 C/CIRC                                                        |          |               |
| 5 1/2"                                                                                                                                                                                                                                                                                                                                                                                    |                                           | 20# HCP 110                                                                                                                                                                           |                                                               | 15,737'                  |                                             | 7 7/8"                                                      |                                                                      | 599 CL H/CIRC                                                      |          |               |
|                                                                                                                                                                                                                                                                                                                                                                                           |                                           |                                                                                                                                                                                       |                                                               |                          |                                             |                                                             |                                                                      |                                                                    |          |               |
|                                                                                                                                                                                                                                                                                                                                                                                           |                                           |                                                                                                                                                                                       |                                                               |                          |                                             |                                                             |                                                                      |                                                                    |          |               |
| <b>24. LINER RECORD</b>                                                                                                                                                                                                                                                                                                                                                                   |                                           |                                                                                                                                                                                       |                                                               |                          |                                             | <b>25. TUBING RECORD</b>                                    |                                                                      |                                                                    |          |               |
| SIZE                                                                                                                                                                                                                                                                                                                                                                                      | TOP                                       | BOTTOM                                                                                                                                                                                | SACKS CEMENT                                                  | SCREEN                   | SIZE                                        | DEPTH SET                                                   | PACKER SET                                                           |                                                                    |          |               |
|                                                                                                                                                                                                                                                                                                                                                                                           |                                           |                                                                                                                                                                                       |                                                               |                          |                                             |                                                             |                                                                      |                                                                    |          |               |
|                                                                                                                                                                                                                                                                                                                                                                                           |                                           |                                                                                                                                                                                       |                                                               |                          |                                             |                                                             |                                                                      |                                                                    |          |               |
| 26. Perforation record (interval, size, and number)<br><br><b>11,090'-15,728'      3 1/8", 942 holes</b>                                                                                                                                                                                                                                                                                  |                                           |                                                                                                                                                                                       |                                                               |                          |                                             | 27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.             |                                                                      |                                                                    |          |               |
|                                                                                                                                                                                                                                                                                                                                                                                           |                                           |                                                                                                                                                                                       |                                                               |                          |                                             | DEPTH INTERVAL                                              |                                                                      | AMOUNT AND KIND MATERIAL USED                                      |          |               |
|                                                                                                                                                                                                                                                                                                                                                                                           |                                           |                                                                                                                                                                                       |                                                               |                          |                                             | 11,090'-15,728'                                             |                                                                      | FRAC W/10,530,766 lbs proppant, 159,281 bbls load fld              |          |               |
|                                                                                                                                                                                                                                                                                                                                                                                           |                                           |                                                                                                                                                                                       |                                                               |                          |                                             |                                                             |                                                                      |                                                                    |          |               |
| <b>28. PRODUCTION</b>                                                                                                                                                                                                                                                                                                                                                                     |                                           |                                                                                                                                                                                       |                                                               |                          |                                             |                                                             |                                                                      |                                                                    |          |               |
| Date First Production<br><b>7/6/2022</b>                                                                                                                                                                                                                                                                                                                                                  |                                           | Production Method ( <i>Flowing, gas lift, pumping - Size and type pump</i> )<br><b>Flowing</b>                                                                                        |                                                               |                          |                                             | Well Status ( <i>Prod. or Shut-in</i> )<br><b>Producing</b> |                                                                      |                                                                    |          |               |
| Date of Test<br><b>7/10/2022</b>                                                                                                                                                                                                                                                                                                                                                          | Hours Tested<br><b>24</b>                 | Choke Size<br><b>90</b>                                                                                                                                                               | Prod'n For Test Period                                        | Oil - Bbl<br><b>4857</b> | Gas - MCF<br><b>7293</b>                    | Water - Bbl.<br><b>5295</b>                                 | Gas - Oil Ratio<br><b>1502</b>                                       |                                                                    |          |               |
| Flow Tubing Press.                                                                                                                                                                                                                                                                                                                                                                        | Casing Pressure<br><b>710</b>             | Calculated 24-Hour Rate                                                                                                                                                               | Oil - Bbl.                                                    | Gas - MCF                | Water - Bbl.                                | Oil Gravity - API - ( <i>Corr.</i> )<br><b>47</b>           |                                                                      |                                                                    |          |               |
| 29. Disposition of Gas ( <i>Sold, used for fuel, vented, etc.</i> )<br><b>SOLD</b>                                                                                                                                                                                                                                                                                                        |                                           |                                                                                                                                                                                       |                                                               |                          |                                             |                                                             |                                                                      | 30. Test Witnessed By                                              |          |               |
| 31. List Attachments<br><b>C-102, C-104, C-103, Directional Survey, H spacing,</b>                                                                                                                                                                                                                                                                                                        |                                           |                                                                                                                                                                                       |                                                               |                          |                                             |                                                             |                                                                      |                                                                    |          |               |
| 32. If a temporary pit was used at the well, attach a plat with the location of the temporary pit.                                                                                                                                                                                                                                                                                        |                                           |                                                                                                                                                                                       |                                                               |                          |                                             |                                                             |                                                                      |                                                                    |          |               |
| 33. If an on-site burial was used at the well, report the exact location of the on-site burial:                                                                                                                                                                                                                                                                                           |                                           |                                                                                                                                                                                       |                                                               |                          |                                             |                                                             |                                                                      |                                                                    |          |               |
| Latitude _____ Longitude _____ NAD 1927 1983                                                                                                                                                                                                                                                                                                                                              |                                           |                                                                                                                                                                                       |                                                               |                          |                                             |                                                             |                                                                      |                                                                    |          |               |
| I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief<br>Printed Name <b>Kristina Agee</b> Title <b>Senior Regulatory Administrator</b> Date <b>8/24/2022</b><br>Signature <i>Kristina Agee</i><br>E-mail Address <b>kristina_agee@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 773'    | T. Canyon Brushy 7234' | T. Ojo Alamo            | T. Penn A"       |
| T. Salt 1,102'          | T. Strawn              | T. Kirtland             | T. Penn. "B"     |
| B. Salt 4,648'          | 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 9,848'  | T. Entrada              |                  |
| T. Wolfcamp             | T. 2nd BS Sand 10,766' | T. Wingate              |                  |
| T. Penn                 | T.                     | T. Chinle               |                  |
| T. Cisco (Bough C)      | T.                     | T. Permian              |                  |

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

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

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

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

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

Sante Fe Main Office  
Phone: (505) 476-3441

General Information  
Phone: (505) 629-6116

Online Phone Directory  
<https://www.emnrd.nm.gov/ocd/contact-us>

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

ACKNOWLEDGMENTS

Action 137667

**ACKNOWLEDGMENTS**

|                                                                             |                                                    |
|-----------------------------------------------------------------------------|----------------------------------------------------|
| Operator:<br>EOG RESOURCES INC<br>5509 Champions Drive<br>Midland, TX 79706 | OGRID:<br>7377                                     |
|                                                                             | Action Number:<br>137667                           |
|                                                                             | Action Type:<br>[C-104] Completion Packet (C-104C) |

**ACKNOWLEDGMENTS**

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

Sante Fe Main Office  
Phone: (505) 476-3441

General Information  
Phone: (505) 629-6116

Online Phone Directory  
<https://www.emnrd.nm.gov/oed/contact-us>

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

CONDITIONS

Action 137667

CONDITIONS

|                                                                             |                                                    |
|-----------------------------------------------------------------------------|----------------------------------------------------|
| Operator:<br>EOG RESOURCES INC<br>5509 Champions Drive<br>Midland, TX 79706 | OGRID:<br>7377                                     |
|                                                                             | Action Number:<br>137667                           |
|                                                                             | Action Type:<br>[C-104] Completion Packet (C-104C) |

CONDITIONS

| Created By | Condition | Condition Date |
|------------|-----------|----------------|
| plmartinez | None      | 9/24/2025      |