

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

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 11/20/2020 |                                  |
| <sup>4</sup> API Number<br>30 - 025-46385                                                          | <sup>5</sup> Pool Name<br>JENNINGS; UPPER BONE SPRING SHALE |                                                                      | <sup>6</sup> Pool Code<br>97838  |
| <sup>7</sup> Property Code<br>313191                                                               | <sup>8</sup> Property Name<br>GEM 36 STATE COM              |                                                                      | <sup>9</sup> Well Number<br>105H |

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

| Ul or lot no. | Section | Township | Range | Lot Idn | Feet from the | North/South Line | Feet from the | East/West line | County |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| D             | 36      | 25S      | 32E   |         | 728           | NORTH            | 554           | WEST           | LEA    |

<sup>11</sup> Bottom Hole Location

| UL or lot no.          | Section                                        | Township                          | Range                             | Lot Idn | Feet from the                      | North/South line | Feet from the                       | East/West line | County |
|------------------------|------------------------------------------------|-----------------------------------|-----------------------------------|---------|------------------------------------|------------------|-------------------------------------|----------------|--------|
| M                      | 36                                             | 25S                               | 32E                               |         | 109                                | SOUTH            | 353                                 | WEST           | LEA    |
| <sup>12</sup> Lse Code | <sup>13</sup> Producing Method Code<br>FLOWING | <sup>14</sup> Gas Connection Date | <sup>15</sup> C-129 Permit Number |         | <sup>16</sup> C-129 Effective Date |                  | <sup>17</sup> C-129 Expiration Date |                |        |

III. Oil and Gas Transporters

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

IV. Well Completion Data

|                                       |                                        |                                    |                               |                                            |                       |
|---------------------------------------|----------------------------------------|------------------------------------|-------------------------------|--------------------------------------------|-----------------------|
| <sup>21</sup> Spud Date<br>10/23/2019 | <sup>22</sup> Ready Date<br>11/20/2020 | <sup>23</sup> TD<br>14,156'        | <sup>24</sup> PBTD<br>14,132' | <sup>25</sup> Perforations<br>9429-14,132' | <sup>26</sup> DHC, MC |
| <sup>27</sup> Hole Size               |                                        | <sup>28</sup> Casing & Tubing Size |                               | <sup>29</sup> Depth Set                    |                       |
| 17 1/2"                               |                                        | 13 3/8"                            |                               | 895'                                       |                       |
| 12 1/4"                               |                                        | 9 5/8"                             |                               | 4663'                                      |                       |
| 8 1/2"                                |                                        | 5 1/2"                             |                               | 14,156'                                    |                       |
|                                       |                                        |                                    |                               | 1470 SXS CL H TOC 3560' CBL                |                       |
|                                       |                                        |                                    |                               |                                            |                       |

V. Well Test Data

|                                          |                                               |                                       |                                     |                             |                                    |
|------------------------------------------|-----------------------------------------------|---------------------------------------|-------------------------------------|-----------------------------|------------------------------------|
| <sup>31</sup> Date New Oil<br>11/20/2020 | <sup>32</sup> Gas Delivery Date<br>11/20/2020 | <sup>33</sup> Test Date<br>11/25/2020 | <sup>34</sup> Test Length<br>24 HRS | <sup>35</sup> Tbg. Pressure | <sup>36</sup> Csg. Pressure<br>990 |
| <sup>37</sup> Choke Size<br>88           | <sup>38</sup> Oil<br>2752                     | <sup>39</sup> Water<br>2798           | <sup>40</sup> Gas<br>5198           |                             | <sup>41</sup> Test Method          |

|                                                                                                                                                                                                                                                                                                                                                                                        |                        |                           |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|---------------------------|--|
| <sup>42</sup> I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.<br>Signature:<br>Kay Maddox<br>Printed name:<br>Kay Maddox<br>Title:<br>SENIOR REGULATORY SPECIALIST<br>E-mail Address:<br>kay_maddox@eogresources.com<br>Date:<br>12/19/2020 | Phone:<br>432-638-8475 | OIL CONSERVATION DIVISION |  |
|                                                                                                                                                                                                                                                                                                                                                                                        | Approved by:           |                           |  |
|                                                                                                                                                                                                                                                                                                                                                                                        | Title:                 |                           |  |
|                                                                                                                                                                                                                                                                                                                                                                                        | Approval Date:         |                           |  |
|                                                                                                                                                                                                                                                                                                                                                                                        |                        |                           |  |

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

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

District III  
1000 Rio Brazos Road, Aztec, NM 87410  
Phone: (505) 334-6178 Fax: (505) 334-6170

District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505  
Phone: (505) 476-3460 Fax: (505) 476-3462

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

FORM C-102

Revised August 1, 2011

Submit one copy to appropriate

District Office

☐ AMENDED REPORT

## WELL LOCATION AND ACREAGE DEDICATION PLAT

|                                         |                                                   |                                                             |
|-----------------------------------------|---------------------------------------------------|-------------------------------------------------------------|
| <sup>1</sup> API Number<br>30-025-46385 | <sup>2</sup> Pool Code<br>97838                   | <sup>3</sup> Pool Name<br>JENNINGS; UPPER BONE SPRING SHALE |
| <sup>4</sup> Property Code<br>313191    | <sup>5</sup> Property Name<br>GEM 36 STATE COM    | <sup>6</sup> Well Number<br>105H                            |
| <sup>7</sup> GRID No.<br>7377           | <sup>8</sup> Operator Name<br>EOG RESOURCES, INC. | <sup>9</sup> Elevation<br>3390'                             |

<sup>10</sup>Surface Location

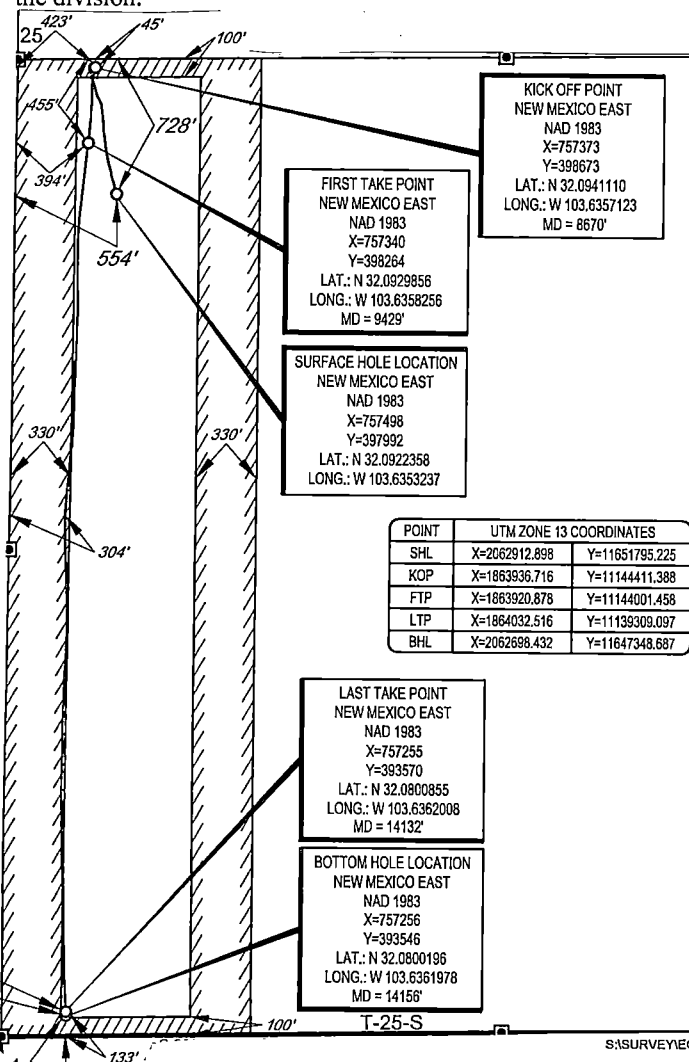
| UL or lot no. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| D             | 36      | 25-S     | 32-E  | -       | 728'          | NORTH            | 554'          | WEST           | LEA    |

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

| UL or lot no. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| M             | 36      | 25-S     | 32-E  | -       | 109'          | SOUTH            | 353'          | WEST           | LEA    |

|                                         |                               |                                  |                         |
|-----------------------------------------|-------------------------------|----------------------------------|-------------------------|
| <sup>12</sup> Dedicated Acres<br>160.00 | <sup>13</sup> Joint or Infill | <sup>14</sup> Consolidation Code | <sup>15</sup> Order No. |
|-----------------------------------------|-------------------------------|----------------------------------|-------------------------|

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

<sup>17</sup>OPERATOR CERTIFICATION

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

*Kay Maddox* 12/18/2020  
Signature Date

KAY MADDOX

Printed Name

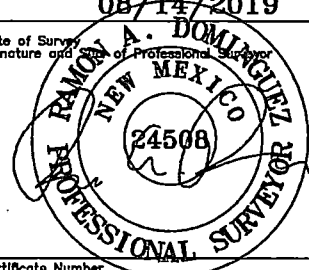
kay\_maddox@eogresources.com  
E-mail Address

<sup>18</sup>SURVEYOR CERTIFICATION

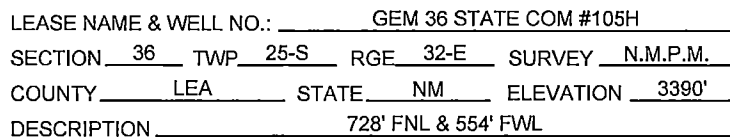
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true to the best of my belief.

08/14/2019

Date of Survey  
Signature and Seal of Professional Surveyor



Certificate Number



Ramon A. Dominguez, P.S. No. 24508  
OCTOBER 12, 2020



**TOPOGRAPHIC**  
LOYALTY INNOVATION LEGACY

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

|                                           |           |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|-------------------------------------------|-----------|--|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| GEM 36 STATE COM<br>#105H<br>AS-COMPLETED | REVISION: |  | NOTES:<br>1. ORIGINAL DOCUMENT SIZE: 8.5" X 11"<br>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.<br>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: 10/08/2020                          |           |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| FILE:AD_GEM_36_STATE_COM_105H             |           |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| DRAWN BY: A.V.F.                          |           |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| SHEET: 1 OF 1                             |           |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |



## **EOG Resources - Midland**

Lea County, NM (NAD 83 NME)

Gem 36 State Com

#105H

OH

Design: OH

## **Midland PVA**

01 December, 2019

|                  |                             |                                     |                      |
|------------------|-----------------------------|-------------------------------------|----------------------|
| <b>Company:</b>  | EOG Resources - Midland     | <b>Local Co-ordinate Reference:</b> | Well #105H           |
| <b>Project:</b>  | Lea County, NM (NAD 83 NME) | <b>TVD Reference:</b>               | KB = 25 @ 3415.0usft |
| <b>Site:</b>     | Gem 36 State Com            | <b>MD Reference:</b>                | KB = 25 @ 3415.0usft |
| <b>Well:</b>     | #105H                       | <b>North Reference:</b>             | Grid                 |
| <b>Wellbore:</b> | OH                          | <b>Survey Calculation Method:</b>   | Minimum Curvature    |
| <b>Design:</b>   | OH                          | <b>Database:</b>                    | EDM                  |

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

|                              |                  |                          |                   |
|------------------------------|------------------|--------------------------|-------------------|
| <b>Site</b>                  | Gem 36 State Com |                          |                   |
| <b>Site Position:</b>        |                  | <b>Northing:</b>         | 393,686.00 usft   |
| <b>From:</b>                 | Map              | <b>Easting:</b>          | 759,213.00 usft   |
| <b>Position Uncertainty:</b> | 0.0 usft         | <b>Slot Radius:</b>      | 13-3/16 "         |
|                              |                  | <b>Latitude:</b>         | 32° 4' 49.331 N   |
|                              |                  | <b>Longitude:</b>        | 103° 37' 47.552 W |
|                              |                  | <b>Grid Convergence:</b> | 0.37 °            |

| Well                 |       | #105H    |                     |                 |               |                  |
|----------------------|-------|----------|---------------------|-----------------|---------------|------------------|
| Well Position        | +N/-S | 0.0 usft | Northing:           | 397,992.00 usft | Latitude:     | 32° 5' 32.051 N  |
|                      | +E/-W | 0.0 usft | Easting:            | 757,498.00 usft | Longitude:    | 103° 38' 7.161 W |
| Position Uncertainty |       | 0.0 usft | Wellhead Elevation: | usft            | Ground Level: | 3,390.0 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> |
|                  | IGRF2015          | 11/17/2019         | 6.71                   | 59.90                | 47,605.16682028            |

|                          |                                |                     |                     |                          |
|--------------------------|--------------------------------|---------------------|---------------------|--------------------------|
| <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                 | 183.42                   |

|                       |                  |                          |                  |                     |
|-----------------------|------------------|--------------------------|------------------|---------------------|
| <b>Survey Program</b> | <b>Date</b>      | 12/1/2019                |                  |                     |
| <b>From (usft)</b>    | <b>To (usft)</b> | <b>Survey (Wellbore)</b> | <b>Tool Name</b> | <b>Description</b>  |
| 195.0                 | 14,156.0         | Driltech MWD (OH)        | MWD              | OWSG MWD - Standard |



## Midland PVA

Company: EOG Resources - Midland  
Project: Lea County, NM (NAD 83 NME)  
Site: Gem 36 State Com  
Well: #105H  
Wellbore: OH  
Design: OH

Local Co-ordinate Reference: Well #105H  
TVD Reference: KB = 25 @ 3415.0usft  
MD Reference: KB = 25 @ 3415.0usft  
North Reference: Grid  
Survey Calculation Method: Minimum Curvature  
Database: EDM

| Survey       |            |                      |               |               |               |                     |                      |                     |                        |                         |
|--------------|------------|----------------------|---------------|---------------|---------------|---------------------|----------------------|---------------------|------------------------|-------------------------|
| MD<br>(usft) | Inc<br>(°) | Azi (azimuth)<br>(°) | TVD<br>(usft) | N/S<br>(usft) | E/W<br>(usft) | DLeg<br>(°/100usft) | Build<br>(°/100usft) | Turn<br>(°/100usft) | High to Plan<br>(usft) | Right to Plan<br>(usft) |
| 0.0          | 0.00       | 0.00                 | 0.0           | 0.0           | 0.0           | 0.00                | 0.00                 | 0.00                | 0.0                    | 0.0                     |
| 195.0        | 0.70       | 29.91                | 195.0         | 1.0           | 0.6           | 0.36                | 0.36                 | 0.00                | 0.0                    | 0.0                     |
| 311.0        | 0.70       | 208.68               | 311.0         | 1.0           | 0.6           | 1.21                | 0.00                 | 154.11              | 0.0                    | 0.0                     |
| 485.0        | 1.23       | 51.27                | 485.0         | 1.3           | 1.6           | 1.09                | 0.30                 | -90.47              | 0.0                    | 0.0                     |
| 573.0        | 1.41       | 66.65                | 573.0         | 2.3           | 3.3           | 0.45                | 0.20                 | 17.48               | 0.0                    | 0.0                     |
| 668.0        | 1.06       | 37.21                | 667.9         | 3.4           | 4.9           | 0.75                | -0.37                | -30.99              | 0.0                    | 0.0                     |
| 761.0        | 0.26       | 340.87               | 760.9         | 4.3           | 5.3           | 1.01                | -0.86                | -60.58              | 0.0                    | 0.0                     |
| 859.0        | 0.26       | 326.53               | 858.9         | 4.7           | 5.1           | 0.07                | 0.00                 | -14.63              | 0.0                    | 0.1                     |
| 952.0        | 0.26       | 267.73               | 951.9         | 4.9           | 4.8           | 0.27                | 0.00                 | -63.23              | -0.4                   | -0.1                    |
| 1,045.0      | 0.35       | 255.77               | 1,044.9       | 4.8           | 4.3           | 0.12                | 0.10                 | -12.86              | -0.8                   | -0.2                    |
| 1,138.0      | 0.44       | 240.74               | 1,137.9       | 4.6           | 3.7           | 0.15                | 0.10                 | -16.16              | -1.4                   | -0.5                    |
| 1,325.0      | 3.34       | 333.82               | 1,324.8       | 9.1           | 0.7           | 1.81                | 1.55                 | 49.78               | -5.9                   | 2.1                     |
| 1,418.0      | 5.80       | 337.69               | 1,417.5       | 15.9          | -2.3          | 2.66                | 2.65                 | 4.16                | -13.1                  | 2.7                     |
| 1,513.0      | 8.18       | 338.92               | 1,511.8       | 26.6          | -6.5          | 2.51                | 2.51                 | 1.29                | -24.2                  | 3.2                     |
| 1,606.0      | 11.26      | 341.82               | 1,603.5       | 41.4          | -11.7         | 3.35                | 3.31                 | 3.12                | -36.6                  | 5.1                     |
| 1,699.0      | 13.01      | 344.98               | 1,694.4       | 60.2          | -17.3         | 2.01                | 1.88                 | 3.40                | -49.8                  | 8.0                     |
| 1,794.0      | 12.84      | 345.33               | 1,787.0       | 80.7          | -22.7         | 0.20                | -0.18                | 0.37                | -61.8                  | 8.9                     |
| 1,887.0      | 12.75      | 345.69               | 1,877.7       | 100.7         | -27.9         | 0.13                | -0.10                | 0.39                | -70.2                  | 10.0                    |
| 1,981.0      | 12.49      | 345.51               | 1,969.4       | 120.6         | -33.0         | 0.28                | -0.28                | -0.19               | -75.4                  | 10.6                    |
| 2,074.0      | 12.22      | 346.21               | 2,060.2       | 139.8         | -37.8         | 0.33                | -0.29                | 0.75                | -76.8                  | 12.5                    |
| 2,167.0      | 12.05      | 346.30               | 2,151.2       | 158.8         | -42.5         | 0.18                | -0.18                | 0.10                | -77.0                  | 13.4                    |
| 2,261.0      | 12.31      | 348.41               | 2,243.0       | 178.2         | -46.8         | 0.55                | 0.28                 | 2.24                | -76.8                  | 16.6                    |
| 2,354.0      | 12.22      | 348.67               | 2,333.9       | 197.5         | -50.8         | 0.11                | -0.10                | 0.28                | -77.1                  | 17.0                    |
| 2,447.0      | 12.05      | 349.99               | 2,424.8       | 216.8         | -54.4         | 0.35                | -0.18                | 1.42                | -76.9                  | 18.5                    |
| 2,635.0      | 11.52      | 350.34               | 2,608.9       | 254.6         | -60.9         | 0.28                | -0.28                | 0.19                | -76.1                  | 18.0                    |
| 2,728.0      | 11.34      | 351.22               | 2,700.0       | 272.8         | -63.9         | 0.27                | -0.19                | 0.95                | -74.9                  | 18.4                    |
| 2,822.0      | 11.08      | 352.19               | 2,792.2       | 290.9         | -66.5         | 0.34                | -0.28                | 1.03                | -73.4                  | 18.6                    |



## Midland PVA

Company: EOG Resources - Midland  
Project: Lea County, NM (NAD 83 NME)  
Site: Gem 36 State Com  
Well: #105H  
Wellbore: OH  
Design: OH

Local Co-ordinate Reference: Well #105H  
TVD Reference: KB = 25 @ 3415.0usft  
MD Reference: KB = 25 @ 3415.0usft  
North Reference: Grid  
Survey Calculation Method: Minimum Curvature  
Database: EDM

| Survey       |            |                      |               |               |               |                     |                      |                     |                        |                         |
|--------------|------------|----------------------|---------------|---------------|---------------|---------------------|----------------------|---------------------|------------------------|-------------------------|
| MD<br>(usft) | Inc<br>(°) | Azi (azimuth)<br>(°) | TVD<br>(usft) | N/S<br>(usft) | E/W<br>(usft) | DLeg<br>(°/100usft) | Build<br>(°/100usft) | Turn<br>(°/100usft) | High to Plan<br>(usft) | Right to Plan<br>(usft) |
| 2,915.0      | 10.64      | 353.60               | 2,883.6       | 308.2         | -68.7         | 0.55                | -0.47                | 1.52                | -71.1                  | 18.9                    |
| 3,009.0      | 10.38      | 352.63               | 2,976.0       | 325.3         | -70.8         | 0.33                | -0.28                | -1.03               | -69.0                  | 16.2                    |
| 3,102.0      | 10.29      | 355.18               | 3,067.5       | 341.9         | -72.5         | 0.50                | -0.10                | 2.74                | -65.6                  | 17.4                    |
| 3,289.0      | 9.85       | 354.56               | 3,251.6       | 374.4         | -75.4         | 0.24                | -0.24                | -0.33               | -59.7                  | 12.6                    |
| 3,382.0      | 9.58       | 356.58               | 3,343.3       | 390.1         | -76.7         | 0.47                | -0.29                | 2.17                | -55.7                  | 12.2                    |
| 3,569.0      | 9.32       | 351.13               | 3,527.7       | 420.6         | -79.9         | 0.50                | -0.14                | -2.91               | -48.2                  | 3.9                     |
| 3,662.0      | 8.62       | 352.80               | 3,619.6       | 434.9         | -82.0         | 0.80                | -0.75                | 1.80                | -43.2                  | 4.1                     |
| 3,756.0      | 8.18       | 352.45               | 3,712.6       | 448.5         | -83.7         | 0.47                | -0.47                | -0.37               | -37.4                  | 2.5                     |
| 3,849.0      | 7.47       | 350.43               | 3,804.7       | 461.1         | -85.6         | 0.82                | -0.76                | -2.17               | -30.7                  | 0.4                     |
| 3,942.0      | 6.77       | 351.66               | 3,897.0       | 472.4         | -87.4         | 0.77                | -0.75                | 1.32                | -22.8                  | 0.1                     |
| 4,035.0      | 6.51       | 343.75               | 3,989.4       | 482.9         | -89.7         | 1.02                | -0.28                | -8.51               | -13.9                  | -2.0                    |
| 4,129.0      | 6.77       | 333.29               | 4,082.8       | 493.0         | -93.6         | 1.31                | 0.28                 | -11.13              | -5.1                   | -0.3                    |
| 4,223.0      | 5.98       | 330.13               | 4,176.2       | 502.2         | -98.6         | 0.92                | -0.84                | -3.36               | 3.1                    | 5.4                     |
| 4,316.0      | 5.80       | 330.66               | 4,268.7       | 510.5         | -103.3        | 0.20                | -0.19                | 0.57                | 12.1                   | 11.4                    |
| 4,410.0      | 5.45       | 333.12               | 4,362.2       | 518.6         | -107.6        | 0.45                | -0.37                | 2.62                | 22.3                   | 16.3                    |
| 4,504.0      | 5.10       | 337.34               | 4,455.8       | 526.4         | -111.3        | 0.56                | -0.37                | 4.49                | 34.1                   | 18.8                    |
| 4,597.0      | 5.01       | 344.37               | 4,548.5       | 534.2         | -114.0        | 0.67                | -0.10                | 7.56                | 47.3                   | 16.5                    |
| 4,677.0      | 4.84       | 342.43               | 4,628.2       | 540.8         | -115.9        | 0.30                | -0.21                | -2.42               | 56.5                   | 19.8                    |
| 4,770.0      | 5.89       | 341.55               | 4,720.8       | 549.0         | -118.6        | 1.13                | 1.13                 | -0.95               | 66.8                   | 22.9                    |
| 4,864.0      | 6.77       | 343.14               | 4,814.2       | 558.9         | -121.7        | 0.95                | 0.94                 | 1.69                | 74.2                   | 22.9                    |
| 4,958.0      | 6.68       | 343.49               | 4,907.6       | 569.4         | -124.9        | 0.11                | -0.10                | 0.37                | 77.5                   | 23.7                    |
| 5,052.0      | 6.42       | 341.91               | 5,000.9       | 579.7         | -128.1        | 0.34                | -0.28                | -1.68               | 77.0                   | 27.0                    |
| 5,144.0      | 6.24       | 339.53               | 5,092.4       | 589.3         | -131.4        | 0.35                | -0.20                | -2.59               | 73.2                   | 31.3                    |
| 5,238.0      | 5.89       | 347.44               | 5,185.9       | 598.7         | -134.3        | 0.96                | -0.37                | 8.41                | 71.7                   | 21.7                    |
| 5,332.0      | 6.07       | 346.13               | 5,279.3       | 608.3         | -136.5        | 0.24                | 0.19                 | -1.39               | 62.9                   | 23.4                    |
| 5,425.0      | 6.07       | 343.49               | 5,371.8       | 617.8         | -139.1        | 0.30                | 0.00                 | -2.84               | 52.0                   | 26.1                    |
| 5,518.0      | 6.07       | 343.22               | 5,464.3       | 627.2         | -141.9        | 0.03                | 0.00                 | -0.29               | 42.0                   | 26.3                    |



## Midland PVA

Company: EOG Resources - Midland  
Project: Lea County, NM (NAD 83 NME)  
Site: Gem 36 State Com  
Well: #105H  
Wellbore: OH  
Design: OH

Local Co-ordinate Reference: Well #105H  
TVD Reference: KB = 25 @ 3415.0usft  
MD Reference: KB = 25 @ 3415.0usft  
North Reference: Grid  
Survey Calculation Method: Minimum Curvature  
Database: EDM

| Survey                             |            |                      |               |               |               |                     |                      |                     |                        |                         |
|------------------------------------|------------|----------------------|---------------|---------------|---------------|---------------------|----------------------|---------------------|------------------------|-------------------------|
| MD<br>(usft)                       | Inc<br>(°) | Azi (azimuth)<br>(°) | TVD<br>(usft) | N/S<br>(usft) | E/W<br>(usft) | DLeg<br>(°/100usft) | Build<br>(°/100usft) | Turn<br>(°/100usft) | High to Plan<br>(usft) | Right to Plan<br>(usft) |
| 5,612.0                            | 5.98       | 342.87               | 5,557.8       | 636.6         | -144.8        | 0.10                | -0.10                | -0.37               | 32.0                   | 26.5                    |
| 5,705.0                            | 5.54       | 341.73               | 5,650.3       | 645.5         | -147.6        | 0.49                | -0.47                | -1.23               | 22.1                   | 27.0                    |
| 5,798.0                            | 5.36       | 341.82               | 5,742.9       | 653.9         | -150.4        | 0.19                | -0.19                | 0.10                | 13.3                   | 26.9                    |
| 5,891.0                            | 5.01       | 341.12               | 5,835.5       | 661.9         | -153.0        | 0.38                | -0.38                | -0.75               | 4.6                    | 27.0                    |
| 5,984.0                            | 4.75       | 342.43               | 5,928.2       | 669.4         | -155.5        | 0.30                | -0.28                | 1.41                | -2.6                   | 27.0                    |
| 6,077.0                            | 4.04       | 353.24               | 6,020.9       | 676.3         | -157.1        | 1.17                | -0.76                | 11.62               | -4.6                   | 27.7                    |
| 6,171.0                            | 3.52       | 359.75               | 6,114.7       | 682.5         | -157.5        | 0.72                | -0.55                | 6.93                | -7.6                   | 28.4                    |
| 6,264.0                            | 2.46       | 22.69                | 6,207.6       | 687.2         | -156.7        | 1.70                | -1.14                | 24.67               | -0.6                   | 30.3                    |
| 6,358.0                            | 2.55       | 19.26                | 6,301.5       | 691.0         | -155.2        | 0.19                | 0.10                 | -3.65               | -6.5                   | 30.1                    |
| 6,451.0                            | 2.55       | 20.40                | 6,394.4       | 694.9         | -153.8        | 0.05                | 0.00                 | 1.23                | -10.0                  | 30.2                    |
| 6,544.0                            | 2.29       | 59.43                | 6,487.3       | 697.8         | -151.5        | 1.76                | -0.28                | 41.97               | 7.8                    | 31.1                    |
| 6,637.0                            | 2.64       | 81.22                | 6,580.2       | 699.1         | -147.8        | 1.07                | 0.38                 | 23.43               | 14.9                   | 26.7                    |
| 6,731.0                            | 2.46       | 77.71                | 6,674.1       | 699.8         | -143.7        | 0.25                | -0.19                | -3.73               | 9.1                    | 27.4                    |
| 6,825.0                            | 2.37       | 78.50                | 6,768.1       | 700.6         | -139.8        | 0.10                | -0.10                | 0.84                | 5.5                    | 27.3                    |
| 6,918.0                            | 2.55       | 78.32                | 6,861.0       | 701.4         | -135.9        | 0.19                | 0.19                 | -0.19               | 1.4                    | 27.3                    |
| 7,010.0                            | 0.88       | 111.37               | 6,952.9       | 701.6         | -133.2        | 2.04                | -1.82                | 35.92               | 13.6                   | 23.2                    |
| 7,104.0                            | 0.53       | 148.02               | 7,046.9       | 701.0         | -132.3        | 0.59                | -0.37                | 38.99               | 23.8                   | 10.9                    |
| 7,197.0                            | 0.53       | 150.83               | 7,139.9       | 700.2         | -131.9        | 0.03                | 0.00                 | 3.02                | 23.4                   | 9.8                     |
| 7,291.0                            | 0.53       | 142.66               | 7,233.9       | 699.5         | -131.4        | 0.08                | 0.00                 | -8.69               | 21.0                   | 12.9                    |
| 7,384.0                            | 0.88       | 125.87               | 7,326.9       | 698.7         | -130.6        | 0.43                | 0.38                 | -18.05              | 15.2                   | 18.3                    |
| 7,477.0                            | 0.79       | 120.07               | 7,419.9       | 698.0         | -129.5        | 0.13                | -0.10                | -6.24               | 11.9                   | 19.7                    |
| 7,489.3                            | 0.78       | 121.33               | 7,432.2       | 697.9         | -129.3        | 0.16                | -0.07                | 10.28               | 12.2                   | 19.4                    |
| Brushy Top(Gem 36 State Com #105H) |            |                      |               |               |               |                     |                      |                     |                        |                         |
| 7,664.0                            | 0.70       | 142.04               | 7,606.9       | 696.5         | -127.6        | 0.16                | -0.05                | 11.85               | 16.1                   | 14.3                    |
| 7,757.0                            | 0.62       | 167.09               | 7,699.9       | 695.5         | -127.2        | 0.32                | -0.09                | 26.94               | 19.6                   | 6.4                     |
| 7,850.0                            | 0.79       | 161.82               | 7,792.9       | 694.4         | -126.9        | 0.20                | 0.18                 | -5.67               | 17.8                   | 8.1                     |
| 7,944.0                            | 0.79       | 150.48               | 7,886.9       | 693.2         | -126.3        | 0.17                | 0.00                 | -12.06              | 14.6                   | 11.3                    |



|                  |                             |                                     |                      |
|------------------|-----------------------------|-------------------------------------|----------------------|
| <b>Company:</b>  | EOG Resources - Midland     | <b>Local Co-ordinate Reference:</b> | Well #105H           |
| <b>Project:</b>  | Lea County, NM (NAD 83 NME) | <b>TVD Reference:</b>               | KB = 25 @ 3415.0usft |
| <b>Site:</b>     | Gem 36 State Com            | <b>MD Reference:</b>                | KB = 25 @ 3415.0usft |
| <b>Well:</b>     | #105H                       | <b>North Reference:</b>             | Grid                 |
| <b>Wellbore:</b> | OH                          | <b>Survey Calculation Method:</b>   | Minimum Curvature    |
| <b>Design:</b>   | OH                          | <b>Database:</b>                    | EDM                  |

| Survey                                                                           |            |                      |               |               |               |                     |                      |                     |                        |                         |
|----------------------------------------------------------------------------------|------------|----------------------|---------------|---------------|---------------|---------------------|----------------------|---------------------|------------------------|-------------------------|
| MD<br>(usft)                                                                     | Inc<br>(°) | Azi (azimuth)<br>(°) | TVD<br>(usft) | N/S<br>(usft) | E/W<br>(usft) | DLeg<br>(°/100usft) | Build<br>(°/100usft) | Turn<br>(°/100usft) | High to Plan<br>(usft) | Right to Plan<br>(usft) |
| 8,037.0                                                                          | 0.79       | 154.00               | 7,979.8       | 692.1         | -125.7        | 0.05                | 0.00                 | 3.78                | 13.9                   | 10.4                    |
| 8,130.0                                                                          | 0.79       | 162.17               | 8,072.8       | 690.9         | -125.3        | 0.12                | 0.00                 | 8.78                | 14.0                   | 8.4                     |
| 8,224.0                                                                          | 0.79       | 165.42               | 8,166.8       | 689.7         | -124.9        | 0.05                | 0.00                 | 3.46                | 13.2                   | 7.7                     |
| 8,317.0                                                                          | 0.97       | 175.09               | 8,259.8       | 688.3         | -124.7        | 0.25                | 0.19                 | 10.40               | 12.9                   | 5.4                     |
| 8,411.0                                                                          | 1.06       | 181.42               | 8,353.8       | 686.6         | -124.6        | 0.15                | 0.10                 | 6.73                | 11.7                   | 4.1                     |
| 8,503.0                                                                          | 1.14       | 178.69               | 8,445.8       | 684.8         | -124.6        | 0.10                | 0.09                 | -2.97               | 9.7                    | 4.6                     |
| 8,596.0                                                                          | 1.14       | 176.76               | 8,538.8       | 683.0         | -124.6        | 0.04                | 0.00                 | -2.08               | 7.7                    | 4.9                     |
| 8,634.0                                                                          | 0.88       | 186.87               | 8,576.8       | 682.3         | -124.6        | 0.83                | -0.68                | 26.61               | 7.8                    | 3.5                     |
| 8,670.0                                                                          | 2.10       | 192.36               | 8,612.7       | 681.4         | -124.7        | 3.41                | 3.39                 | 15.25               | 7.2                    | 2.8                     |
| <b>KOP, MD:8670.0', TVD:8612.7', N/S:681.4', E/W:-124.7', INC:2.10</b>           |            |                      |               |               |               |                     |                      |                     |                        |                         |
| 8,727.0                                                                          | 4.04       | 194.25               | 8,669.7       | 678.4         | -125.5        | 3.41                | 3.40                 | 3.32                | 5.1                    | 2.5                     |
| 8,821.0                                                                          | 14.68      | 193.37               | 8,762.3       | 663.6         | -129.0        | 11.32               | 11.32                | -0.94               | 2.4                    | 1.3                     |
| 8,913.0                                                                          | 23.74      | 189.33               | 8,849.1       | 633.9         | -134.8        | 9.95                | 9.85                 | -4.39               | -1.1                   | 0.0                     |
| 8,934.7                                                                          | 25.51      | 187.38               | 8,868.8       | 625.0         | -136.1        | 9.00                | 8.18                 | -9.00               | -1.8                   | 0.0                     |
| <b>FTP Crossing, MD:8934.7', TVD:8868.8', N/S:625.0', E/W:-136.1', INC:25.51</b> |            |                      |               |               |               |                     |                      |                     |                        |                         |
| 9,007.0                                                                          | 31.57      | 182.38               | 8,932.3       | 590.6         | -138.9        | 9.00                | 8.38                 | -6.91               | -3.3                   | 1.7                     |
| 9,101.0                                                                          | 37.37      | 181.95               | 9,009.7       | 537.4         | -140.8        | 6.18                | 6.17                 | -0.46               | -1.4                   | 7.3                     |
| 9,191.8                                                                          | 46.79      | 180.92               | 9,077.0       | 476.7         | -142.3        | 10.41               | 10.38                | -1.13               | 3.0                    | 14.7                    |
| <b>FTP (Gem 36 State Com #105H)</b>                                              |            |                      |               |               |               |                     |                      |                     |                        |                         |
| 9,195.0                                                                          | 47.13      | 180.89               | 9,079.2       | 474.3         | -142.4        | 10.41               | 10.39                | -0.94               | 3.1                    | 15.0                    |
| 9,289.0                                                                          | 57.60      | 183.79               | 9,136.6       | 400.1         | -145.5        | 11.40               | 11.14                | 3.09                | 7.2                    | 22.2                    |
| 9,383.0                                                                          | 67.97      | 185.72               | 9,179.5       | 316.9         | -152.5        | 11.18               | 11.03                | 2.05                | 9.2                    | 26.7                    |
| 9,476.0                                                                          | 83.89      | 186.16               | 9,202.0       | 227.5         | -161.8        | 17.12               | 17.12                | 0.47                | 4.6                    | 29.8                    |
| 9,571.0                                                                          | 88.72      | 186.52               | 9,208.2       | 133.3         | -172.3        | 5.10                | 5.08                 | 0.38                | -2.1                   | 32.5                    |
| 9,664.0                                                                          | 87.93      | 186.69               | 9,210.9       | 40.9          | -183.0        | 0.87                | -0.85                | 0.18                | -0.3                   | 33.7                    |
| 9,758.0                                                                          | 90.04      | 186.60               | 9,212.5       | -52.4         | -193.9        | 2.25                | 2.24                 | -0.10               | 1.2                    | 30.4                    |
| 9,852.0                                                                          | 88.81      | 185.29               | 9,213.5       | -145.9        | -203.6        | 1.91                | -1.31                | -1.39               | 1.9                    | 23.5                    |
| 9,946.0                                                                          | 90.40      | 181.42               | 9,214.1       | -239.7        | -209.1        | 4.45                | 1.69                 | -4.12               | 2.3                    | 18.9                    |

|                  |                             |                                     |                      |
|------------------|-----------------------------|-------------------------------------|----------------------|
| <b>Company:</b>  | EOG Resources - Midland     | <b>Local Co-ordinate Reference:</b> | Well #105H           |
| <b>Project:</b>  | Lea County, NM (NAD 83 NME) | <b>TVD Reference:</b>               | KB = 25 @ 3415.0usft |
| <b>Site:</b>     | Gem 36 State Com            | <b>MD Reference:</b>                | KB = 25 @ 3415.0usft |
| <b>Well:</b>     | #105H                       | <b>North Reference:</b>             | Grid                 |
| <b>Wellbore:</b> | OH                          | <b>Survey Calculation Method:</b>   | Minimum Curvature    |
| <b>Design:</b>   | OH                          | <b>Database:</b>                    | EDM                  |

| Survey                               |            |                      |               |               |               |                     |                      |                     |                        |                         |
|--------------------------------------|------------|----------------------|---------------|---------------|---------------|---------------------|----------------------|---------------------|------------------------|-------------------------|
| MD<br>(usft)                         | Inc<br>(°) | Azi (azimuth)<br>(°) | TVD<br>(usft) | N/S<br>(usft) | E/W<br>(usft) | DLeg<br>(°/100usft) | Build<br>(°/100usft) | Turn<br>(°/100usft) | High to Plan<br>(usft) | Right to Plan<br>(usft) |
| 10,039.0                             | 90.57      | 180.89               | 9,213.4       | -332.7        | -211.0        | 0.60                | 0.18                 | -0.57               | 1.4                    | 17.8                    |
| 10,039.1                             | 90.57      | 180.89               | 9,213.4       | -332.8        | -211.0        | 0.00                | 0.00                 | 0.00                | 1.3                    | 17.8                    |
| <b>TGT#1(Gem 36 State Com #105H)</b> |            |                      |               |               |               |                     |                      |                     |                        |                         |
| 10,133.0                             | 88.46      | 178.52               | 9,214.1       | -426.7        | -210.5        | 3.38                | -2.25                | -2.52               | 1.3                    | 19.2                    |
| 10,226.0                             | 87.49      | 178.69               | 9,217.4       | -519.6        | -208.2        | 1.06                | -1.04                | 0.18                | 3.7                    | 22.3                    |
| 10,320.0                             | 89.08      | 181.15               | 9,220.2       | -613.5        | -208.1        | 3.12                | 1.69                 | 2.62                | 5.6                    | 23.2                    |
| 10,413.0                             | 89.08      | 181.59               | 9,221.7       | -706.5        | -210.3        | 0.47                | 0.00                 | 0.47                | 6.2                    | 21.9                    |
| 10,506.0                             | 88.90      | 181.59               | 9,223.4       | -799.4        | -212.9        | 0.19                | -0.19                | 0.00                | 6.9                    | 20.1                    |
| 10,600.0                             | 88.46      | 181.77               | 9,225.5       | -893.4        | -215.6        | 0.51                | -0.47                | 0.19                | 8.1                    | 18.2                    |
| 10,693.0                             | 88.02      | 181.95               | 9,228.4       | -986.3        | -218.7        | 0.51                | -0.47                | 0.19                | 10.1                   | 16.0                    |
| 10,786.0                             | 87.93      | 181.77               | 9,231.7       | -1,079.2      | -221.7        | 0.22                | -0.10                | -0.19               | 12.4                   | 13.9                    |
| 10,880.0                             | 87.23      | 182.03               | 9,235.7       | -1,173.0      | -224.8        | 0.79                | -0.74                | 0.28                | 15.5                   | 11.6                    |
| 10,974.0                             | 88.20      | 180.98               | 9,239.4       | -1,266.9      | -227.3        | 1.52                | 1.03                 | -1.12               | 18.3                   | 10.0                    |
| 11,066.3                             | 88.98      | 185.21               | 9,241.7       | -1,359.0      | -232.2        | 4.66                | 0.84                 | 4.59                | 19.7                   | 5.8                     |
| <b>TGT#2(Gem 36 State Com #105H)</b> |            |                      |               |               |               |                     |                      |                     |                        |                         |
| 11,068.0                             | 88.99      | 185.29               | 9,241.7       | -1,360.7      | -232.4        | 4.66                | 0.84                 | 4.58                | 19.7                   | 5.7                     |
| 11,161.0                             | 89.43      | 186.69               | 9,243.0       | -1,453.2      | -242.1        | 1.58                | 0.47                 | 1.51                | 20.4                   | -3.2                    |
| 11,254.0                             | 88.37      | 184.85               | 9,244.8       | -1,545.7      | -251.5        | 2.28                | -1.14                | -1.98               | 21.6                   | -11.7                   |
| 11,348.0                             | 88.64      | 184.67               | 9,247.2       | -1,639.4      | -259.3        | 0.35                | 0.29                 | -0.19               | 23.4                   | -18.6                   |
| 11,442.0                             | 88.37      | 181.15               | 9,249.7       | -1,733.2      | -264.0        | 3.75                | -0.29                | -3.74               | 25.2                   | -22.6                   |
| 11,535.0                             | 88.29      | 177.99               | 9,252.4       | -1,826.2      | -263.3        | 3.40                | -0.09                | -3.40               | 27.4                   | -21.0                   |
| 11,628.0                             | 88.20      | 177.73               | 9,255.2       | -1,919.0      | -259.9        | 0.30                | -0.10                | -0.28               | 29.6                   | -16.7                   |
| 11,721.0                             | 87.76      | 176.85               | 9,258.5       | -2,011.9      | -255.5        | 1.06                | -0.47                | -0.95               | 32.3                   | -11.4                   |
| 11,814.0                             | 86.61      | 178.52               | 9,263.1       | -2,104.7      | -251.7        | 2.18                | -1.24                | 1.80                | 36.2                   | -6.9                    |
| 11,908.0                             | 86.26      | 177.99               | 9,268.9       | -2,198.5      | -248.8        | 0.67                | -0.37                | -0.56               | 41.5                   | -3.2                    |
| 12,001.0                             | 86.17      | 179.92               | 9,275.1       | -2,291.2      | -247.2        | 2.07                | -0.10                | 2.08                | 47.0                   | -0.6                    |
| 12,095.0                             | 88.81      | 182.38               | 9,279.2       | -2,385.1      | -249.0        | 3.84                | 2.81                 | 2.62                | 50.5                   | -1.7                    |



## Midland PVA

Company: EOG Resources - Midland  
Project: Lea County, NM (NAD 83 NME)  
Site: Gem 36 State Com  
Well: #105H  
Wellbore: OH  
Design: OH

Local Co-ordinate Reference: Well #105H  
TVD Reference: KB = 25 @ 3415.0usft  
MD Reference: KB = 25 @ 3415.0usft  
North Reference: Grid  
Survey Calculation Method: Minimum Curvature  
Database: EDM

| Survey                          |            |                      |               |               |               |                     |                      |                     |                        |                         |
|---------------------------------|------------|----------------------|---------------|---------------|---------------|---------------------|----------------------|---------------------|------------------------|-------------------------|
| MD<br>(usft)                    | Inc<br>(°) | Azi (azimuth)<br>(°) | TVD<br>(usft) | N/S<br>(usft) | E/W<br>(usft) | DLeg<br>(°/100usft) | Build<br>(°/100usft) | Turn<br>(°/100usft) | High to Plan<br>(usft) | Right to Plan<br>(usft) |
| 12,188.0                        | 88.64      | 182.30               | 9,281.3       | -2,478.0      | -252.8        | 0.20                | -0.18                | -0.09               | 52.0                   | -4.6                    |
| 12,281.0                        | 88.90      | 183.44               | 9,283.3       | -2,570.9      | -257.5        | 1.26                | 0.28                 | 1.23                | 53.4                   | -8.5                    |
| 12,375.0                        | 89.16      | 180.54               | 9,284.8       | -2,664.8      | -260.8        | 3.10                | 0.28                 | -3.09               | 54.4                   | -10.9                   |
| 12,469.0                        | 90.22      | 182.03               | 9,285.4       | -2,758.8      | -262.9        | 1.95                | 1.13                 | 1.59                | 54.3                   | -12.1                   |
| 12,562.0                        | 90.04      | 181.59               | 9,285.1       | -2,851.7      | -265.8        | 0.51                | -0.19                | -0.47               | 53.5                   | -14.2                   |
| 12,655.0                        | 90.48      | 180.80               | 9,284.7       | -2,944.7      | -267.7        | 0.97                | 0.47                 | -0.85               | 52.4                   | -15.3                   |
| 12,750.0                        | 90.48      | 180.63               | 9,283.9       | -3,039.7      | -268.9        | 0.18                | 0.00                 | -0.18               | 51.0                   | -15.6                   |
| 12,843.0                        | 89.52      | 180.71               | 9,283.9       | -3,132.7      | -270.0        | 1.04                | -1.03                | 0.09                | 50.4                   | -15.9                   |
| 12,936.0                        | 89.08      | 180.71               | 9,285.1       | -3,225.7      | -271.2        | 0.47                | -0.47                | 0.00                | 51.0                   | -16.2                   |
| 13,029.0                        | 87.67      | 178.52               | 9,287.7       | -3,318.6      | -270.5        | 2.80                | -1.52                | -2.35               | 53.0                   | -14.7                   |
| 13,123.0                        | 87.93      | 179.40               | 9,291.3       | -3,412.5      | -268.8        | 0.98                | 0.28                 | 0.94                | 56.0                   | -12.2                   |
| 13,217.0                        | 87.76      | 179.22               | 9,294.8       | -3,506.5      | -267.7        | 0.26                | -0.18                | -0.19               | 58.9                   | -10.2                   |
| 13,311.0                        | 87.14      | 178.08               | 9,299.0       | -3,600.3      | -265.5        | 1.38                | -0.66                | -1.21               | 62.5                   | -7.1                    |
| 13,404.0                        | 86.17      | 177.90               | 9,304.5       | -3,693.1      | -262.2        | 1.06                | -1.04                | -0.19               | 67.3                   | -3.0                    |
| 13,497.0                        | 87.85      | 178.78               | 9,309.3       | -3,786.0      | -259.5        | 2.04                | 1.81                 | 0.95                | 71.6                   | 0.5                     |
| 13,591.0                        | 88.72      | 179.66               | 9,312.1       | -3,879.9      | -258.3        | 1.32                | 0.93                 | 0.94                | 73.8                   | 2.6                     |
| 13,684.0                        | 89.34      | 179.05               | 9,313.7       | -3,972.9      | -257.2        | 0.94                | 0.67                 | -0.66               | 74.7                   | 4.5                     |
| 13,778.0                        | 88.99      | 178.87               | 9,315.1       | -4,066.9      | -255.5        | 0.42                | -0.37                | -0.19               | 75.5                   | 7.1                     |
| 13,871.0                        | 89.16      | 178.78               | 9,316.6       | -4,159.8      | -253.6        | 0.21                | 0.18                 | -0.10               | 76.4                   | 9.8                     |
| 13,964.0                        | 88.90      | 177.46               | 9,318.1       | -4,252.8      | -250.6        | 1.45                | -0.28                | -1.42               | 77.4                   | 13.7                    |
| Last MWD Survey (MD=13964.0')   |            |                      |               |               |               |                     |                      |                     |                        |                         |
| 14,153.9                        | 88.90      | 177.46               | 9,321.8       | -4,442.4      | -242.1        | 0.00                | 0.00                 | 0.00                | 79.8                   | 23.8                    |
| PBHL (Gem 36 State Com #105H)   |            |                      |               |               |               |                     |                      |                     |                        |                         |
| 14,156.0                        | 88.90      | 177.46               | 9,321.8       | -4,444.5      | -242.1        | 0.00                | 0.00                 | 0.00                | 79.8                   | 23.9                    |
| Projection to Bit (MD=14156.0') |            |                      |               |               |               |                     |                      |                     |                        |                         |



Midland PVA

**Company:** EOG Resources - Midland  
**Project:** Lea County, NM (NAD 83 NME)  
**Site:** Gem 36 State Com  
**Well:** #105H  
**Wellbore:** OH  
**Design:** OH

**Local Co-ordinate Reference:** Well #105H  
**TVD Reference:** KB = 25 @ 3415.0usft  
**MD Reference:** KB = 25 @ 3415.0usft  
**North Reference:** Grid  
**Survey Calculation Method:** Minimum Curvature  
**Database:** EDM

## Design Annotations

| Measured<br>Depth<br>(usft) | Vertical<br>Depth<br>(usft) | Local Coordinates |                 | Comment                                                                   |
|-----------------------------|-----------------------------|-------------------|-----------------|---------------------------------------------------------------------------|
|                             |                             | +N/-S<br>(usft)   | +E/-W<br>(usft) |                                                                           |
| 8,670.0                     | 8,612.7                     | 681.4             | -124.7          | KOP, MD:8670.0', TVD:8612.7', N/S:681.4', E/W:-124.7', INC:2.10           |
| 8,934.7                     | 8,868.8                     | 625.0             | -136.1          | FTP Crossing, MD:8934.7', TVD:8868.8', N/S:625.0', E/W:-136.1', INC:25.51 |
| 13,964.0                    | 9,318.1                     | -4,252.8          | -250.6          | Last MWD Survey (MD=13964.0')                                             |
| 14,156.0                    | 9,321.8                     | -4,444.5          | -242.1          | Projection to Bit (MD=14156.0')                                           |

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

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

Kay Maddox 12/28/2020





Lea County, NM (NAD 83 NME)

Gem 36 State Com #105H

Plan #2

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: #105H

KB = 25 @ 3415.0usft  
Northing 397992.00 Easting 757498.00 Latitude 32° 5' 32.051 N Longitude 103° 38' 7.161 W

SECTION DETAILS

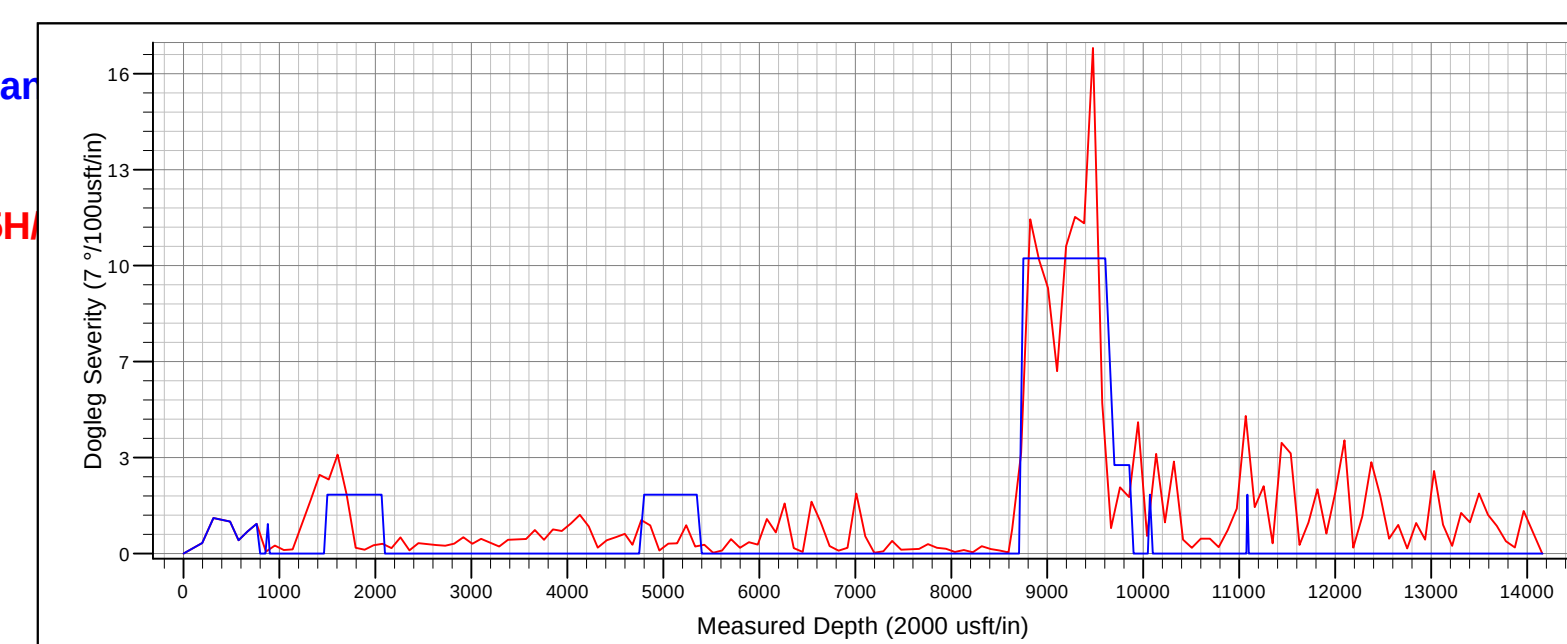
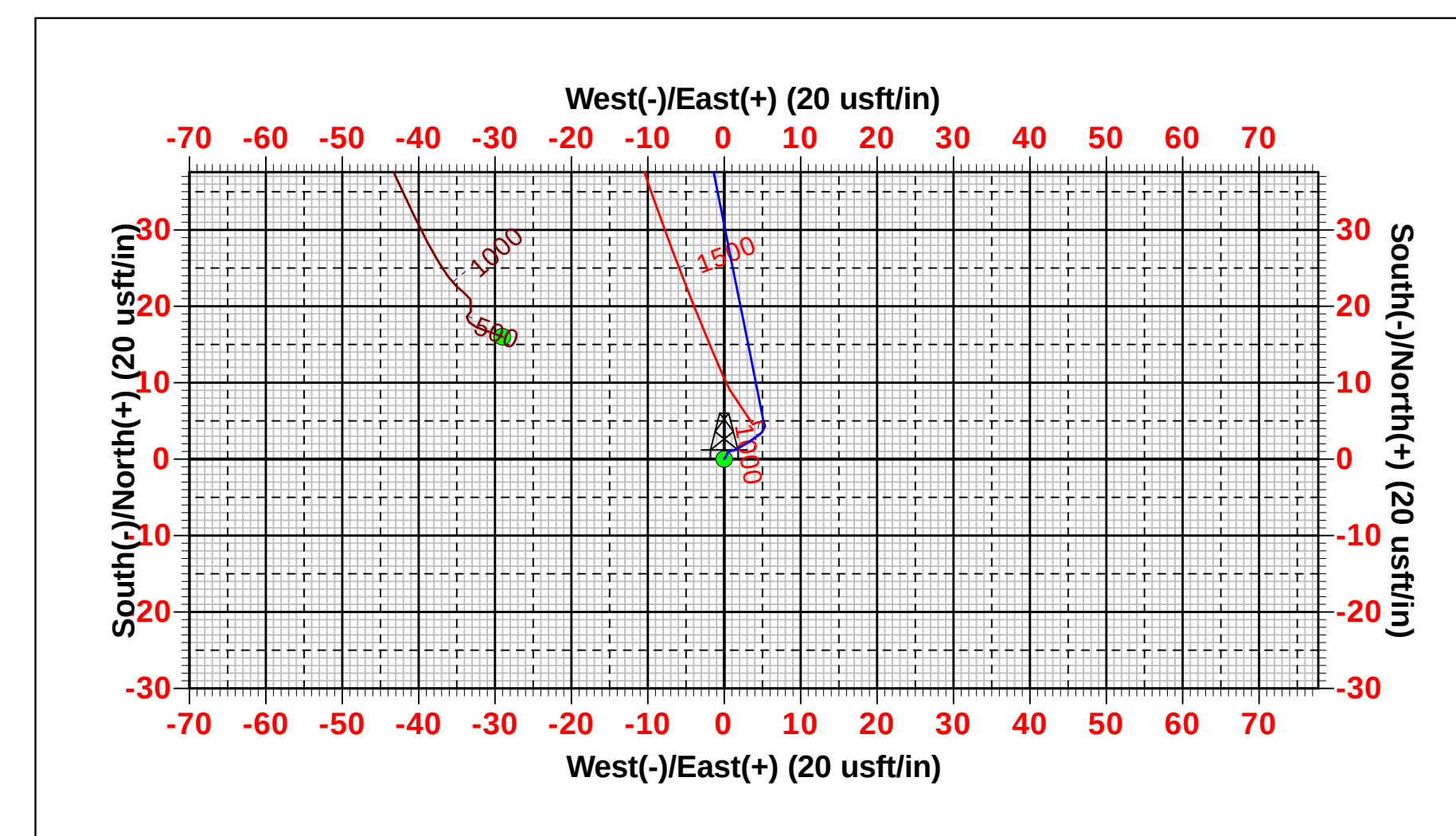
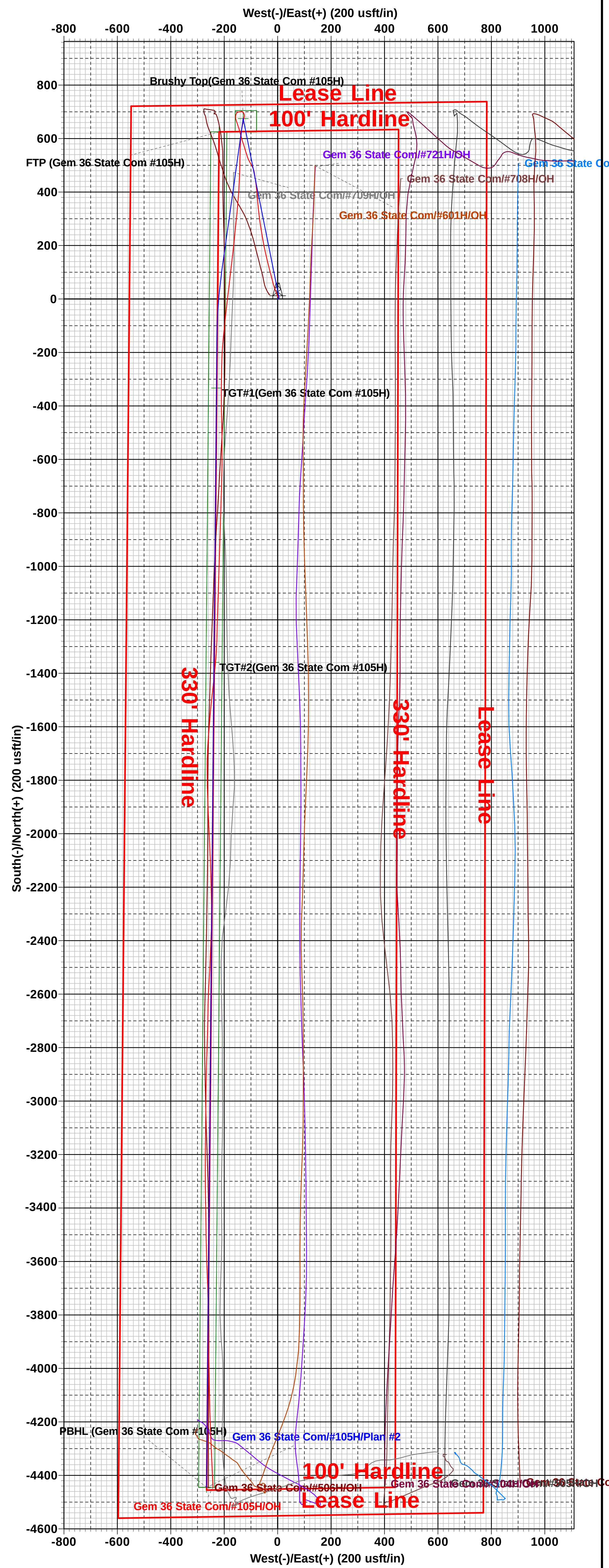
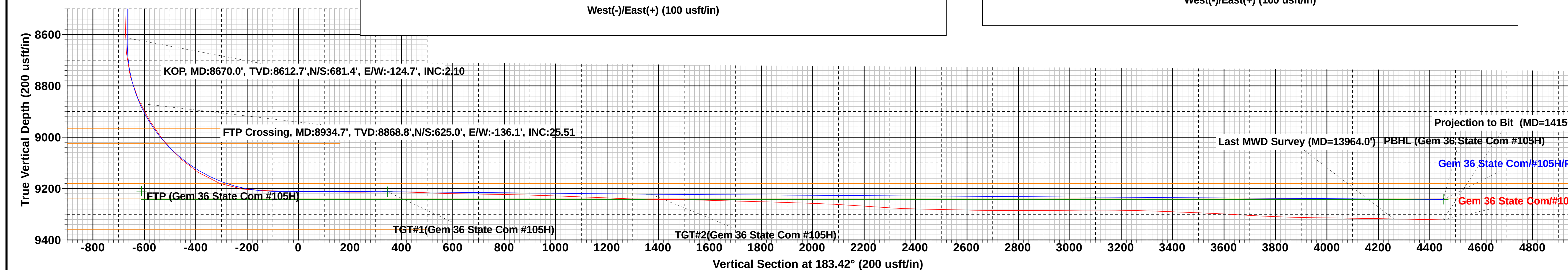
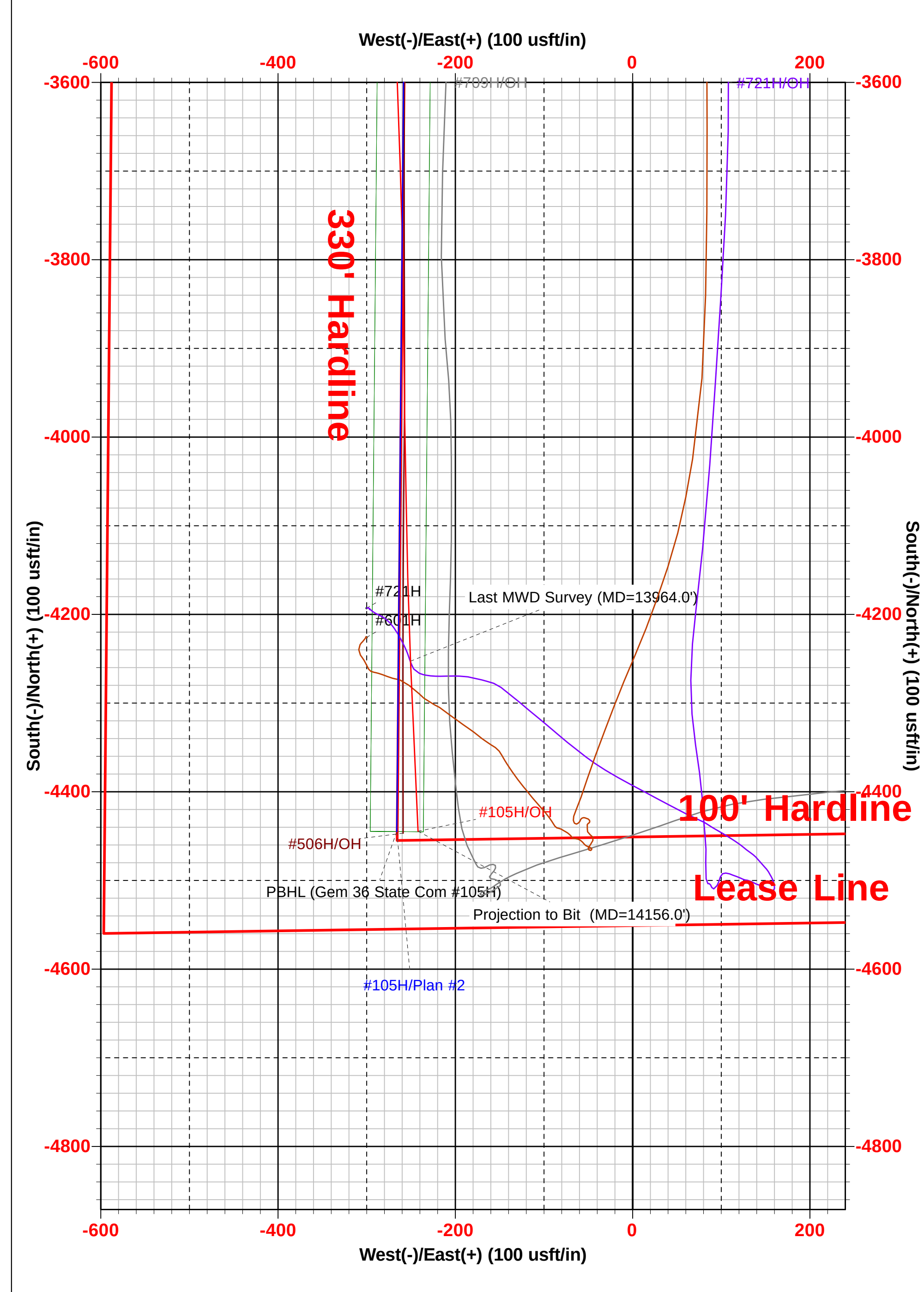
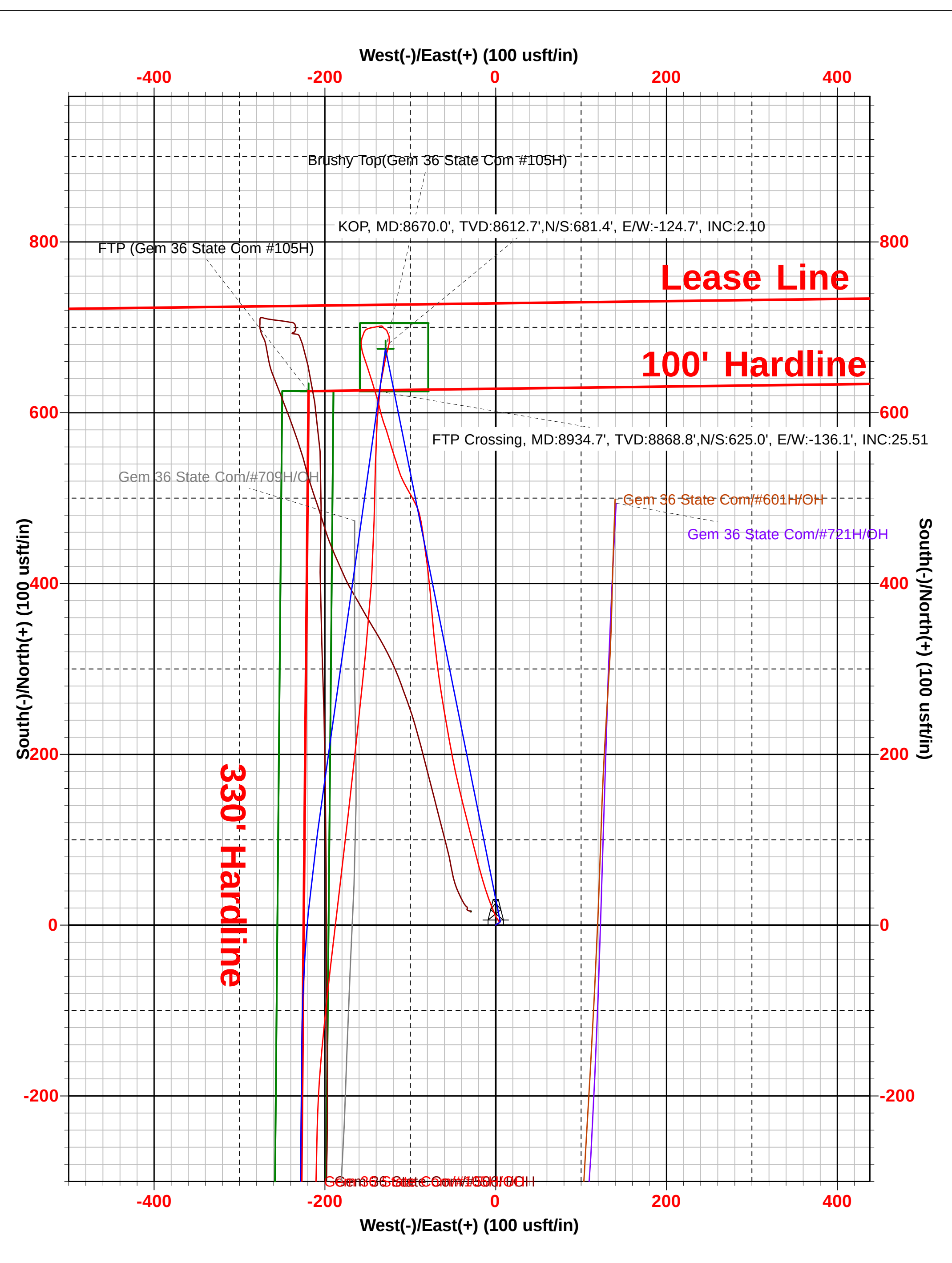
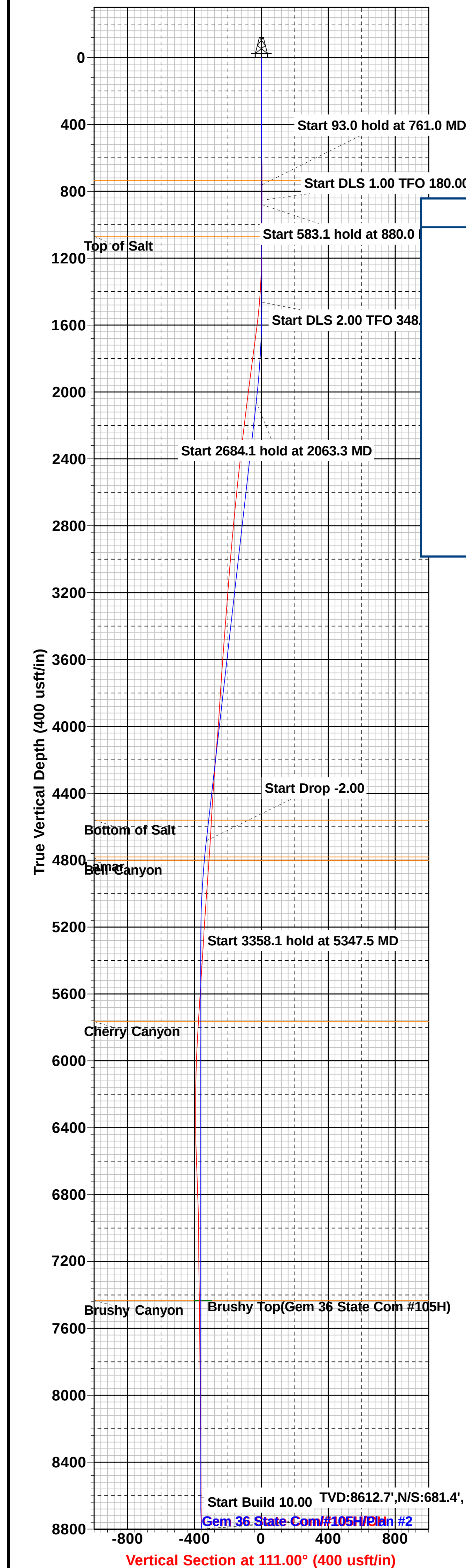
| Sec | MD      | Inc   | Azi    | TVD    | +N/-S   | +E/-W  | Dleg  | TFace  | VSect  | Target                        | Annotation |
|-----|---------|-------|--------|--------|---------|--------|-------|--------|--------|-------------------------------|------------|
| 1   | 761.0   | 0.26  | 340.87 | 760.9  | 4.3     | 5.3    | 0.00  | 0.00   | -4.6   |                               |            |
| 2   | 854.0   | 0.26  | 340.87 | 853.9  | 4.7     | 5.2    | 0.00  | 0.00   | -5.0   |                               |            |
| 3   | 880.0   | 0.00  | 0.00   | 879.9  | 4.8     | 5.2    | 1.00  | 180.00 | -5.1   |                               |            |
| 4   | 1463.1  | 0.00  | 0.00   | 1463.0 | 4.8     | 5.2    | 0.00  | 0.00   | -5.1   |                               |            |
| 5   | 2063.3  | 12.00 | 348.68 | 2058.8 | 66.2    | -7.1   | 2.00  | 348.68 | -65.7  |                               |            |
| 6   | 4747.3  | 12.00 | 348.68 | 4684.2 | 613.6   | -116.7 | 0.00  | 0.00   | -605.5 |                               |            |
| 7   | 5347.5  | 0.00  | 0.00   | 5280.0 | 675.0   | -129.0 | 2.00  | 180.00 | -666.1 |                               |            |
| 8   | 8705.6  | 0.00  | 0.00   | 8638.1 | 675.0   | -129.0 | 0.00  | 0.00   | -666.1 |                               |            |
| 9   | 9604.4  | 89.88 | 188.00 | 9211.1 | 108.8   | -208.6 | 10.00 | 188.00 | -96.2  |                               |            |
| 10  | 9854.2  | 89.88 | 180.51 | 9211.6 | -140.1  | -227.1 | 3.00  | -90.03 | 153.4  |                               |            |
| 11  | 10047.0 | 89.88 | 180.51 | 9212.0 | -332.9  | -228.8 | 0.00  | 0.00   | 346.0  | TGT#1(Gem 36 State Com #105H) |            |
| 12  | 10069.0 | 89.44 | 180.52 | 9212.1 | -354.9  | -229.0 | 2.00  | 178.35 | 368.0  | TGT#2(Gem 36 State Com #105H) |            |
| 13  | 11073.4 | 89.44 | 180.52 | 9222.0 | -1359.2 | -238.1 | 0.00  | 0.00   | 1371.0 |                               |            |
| 14  | 11083.0 | 89.63 | 180.52 | 9222.1 | -1368.8 | -238.2 | 2.00  | -0.04  | 1380.6 |                               |            |
| 15  | 14159.4 | 89.63 | 180.52 | 9242.0 | -4445.0 | -266.0 | 0.00  | 0.00   | 4453.0 | PBHL (Gem 36 State Com #105H) |            |

CASING DETAILS

No casing data is available

WELLBORE TARGET DETAILS (MAP CO-ORDINATES)

| Name                               | TVD    | +N/-S   | +E/-W  | Northing  | Easting   |
|------------------------------------|--------|---------|--------|-----------|-----------|
| TGT#1(Gem 36 State Com #105H)      | 9212.0 | -332.9  | -228.8 | 397659.10 | 757269.21 |
| TGT#2(Gem 36 State Com #105H)      | 9222.0 | -1359.2 | -238.1 | 396632.80 | 757259.92 |
| PBHL (Gem 36 State Com #105H)      | 9242.0 | -4445.0 | -266.0 | 393547.00 | 757232.00 |
| Brushy Top(Gem 36 State Com #105H) | 7432.0 | 675.0   | -129.0 | 398667.00 | 757369.00 |
| FTP (Gem 36 State Com #105H)       | 9210.0 | 625.0   | -219.0 | 398617.00 | 757279.00 |





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

Office  
 District I – (575) 393-6161  
 1625 N. French Dr., Hobbs, NM 88240  
 District II – (575) 748-1283  
 811 S. First St., Artesia, NM 88210  
 District III – (505) 334-6178  
 1000 Rio Brazos Rd., Aztec, NM 87410  
 District IV – (505) 476-3460  
 1220 S. St. Francis Dr., Santa Fe, NM  
 87505

State of New Mexico  
 Energy, Minerals and Natural Resources

Form C-103  
 Revised July 18, 2013

OIL CONSERVATION DIVISION  
 1220 South St. Francis Dr.  
 Santa Fe, NM 87505

|                                                                                                                                                                                                                        |  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| WELL API NO.<br>30-025-46385                                                                                                                                                                                           |  |
| 5. Indicate Type of Lease<br>STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>                                                                                                                    |  |
| 6. State Oil & Gas Lease No.                                                                                                                                                                                           |  |
| 7. Lease Name or Unit Agreement Name<br>GEM 36 STATE COM                                                                                                                                                               |  |
| 8. Well Number 105H                                                                                                                                                                                                    |  |
| 9. OGRID Number 7377                                                                                                                                                                                                   |  |
| 10. Pool name or Wildcat<br>JENNINGS; UPPER BONE SPRNG SHALE                                                                                                                                                           |  |
| SUNDRY NOTICES AND REPORTS ON WELLS<br>(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)                 |  |
| 1. Type of Well: Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other                                                                                                                  |  |
| 2. Name of Operator<br>EOG RESOURCES INC                                                                                                                                                                               |  |
| 3. Address of Operator<br>PO BOX 2267 MIDLAND, TX 79702                                                                                                                                                                |  |
| 4. Well Location<br>Unit Letter <u>D</u> : <u>728'</u> feet from the <u>NORTH</u> line and <u>554'</u> feet from the <u>WEST</u> line<br>Section <u>36</u> Township <u>25S</u> Range <u>32E</u> NMPM County <u>LEA</u> |  |
| 11. Elevation (Show whether DR, RKB, RT, GR, etc.)<br>3390' GR                                                                                                                                                         |  |

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

| NOTICE OF INTENTION TO:                        | SUBSEQUENT REPORT OF:                                        |
|------------------------------------------------|--------------------------------------------------------------|
| PERFORM REMEDIAL WORK <input type="checkbox"/> | REMEDIAL WORK <input type="checkbox"/>                       |
| TEMPORARILY ABANDON <input type="checkbox"/>   | ALTERING CASING <input type="checkbox"/>                     |
| PULL OR ALTER CASING <input type="checkbox"/>  | COMMENCE DRILLING OPNS. <input type="checkbox"/>             |
| DOWNHOLE COMMINGLE <input type="checkbox"/>    | P AND A <input type="checkbox"/>                             |
| CLOSED-LOOP SYSTEM <input type="checkbox"/>    | CASING/CEMENT JOB <input type="checkbox"/>                   |
| OTHER: <input type="checkbox"/>                | OTHER: <u>Completion</u> <input checked="" type="checkbox"/> |

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

11/23/2019 RIG RELEASED  
 12/05/2019 MIRU PREP TO FRAC, TEST VOID TO 5000 PSI, SEALS & FLANGES TO 8500 PSI  
 09/21/2020 BEGIN PERF AND FRAC  
 09/26/2020 FINISH 16 STAGES PERF & FRAC, 9429 - 14,132' 960 3 1/8" SHOTS, FRAC 11,358,498 PROPPANT, 216,245 BBLS LOAD FLUID  
 10/07/2020 DRILLED OUT PLUGS AND CLEANED OUT WELLBORE  
 11/20/2020 OPENED WELL TO FLOWBACK - DATE OF FIRST PRODUCTION

WILL RUN TBG AND GAS LIFT VALVES WITHIN 3-6 MONTHS, WILL SUBMIT SUNDRY

Spud Date:

10/23/2019

Rig Release Date:

11/23/2019

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE KAY MADDOX TITLE Regulatory Analyst DATE 12/19/2020

Type or print name Kay Maddox E-mail address: kay\_maddox@eogresources.com PHONE: 432-638-8475

**For State Use Only**

APPROVED BY: \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

Conditions of Approval (if any):

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                            |                                                                                                                                                                                       |                                                              |                          |                                             |                                                            |                                                                      |                                                                 |            |               |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------|--------------------------|---------------------------------------------|------------------------------------------------------------|----------------------------------------------------------------------|-----------------------------------------------------------------|------------|---------------|
| 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>GEM 36 STATE COM</b> |            |               |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                            |                                                                                                                                                                                       |                                                              |                          |                                             |                                                            |                                                                      | 6. Well Number:<br><br><b>105H</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>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | D                                          | 36                                                                                                                                                                                    | 25S                                                          | 32E                      |                                             | 728'                                                       | NORTH                                                                | 554'                                                            | WEST       | LEA           |
| <b>BH:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | M                                          | 36                                                                                                                                                                                    | 25S                                                          | 32E                      |                                             | 109'                                                       | SOUTH                                                                | 353'                                                            | WEST       | LEA           |
| 13. Date Spudded<br><b>10/23/2019</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 14. Date T.D. Reached<br><b>11/23/2019</b> |                                                                                                                                                                                       | 15. Date Rig Released<br><b>11/23/2019</b>                   |                          |                                             | 16. Date Completed (Ready to Produce)<br><b>11/20/2020</b> |                                                                      | 17. Elevations (DF and RKB, RT, GR, etc.)<br><b>3390' GR</b>    |            |               |
| 18. Total Measured Depth of Well<br><b>MD 14,156' TVD 9,321'</b>                                                                                                                                                                                                                                                                                                                                                                                                                                |                                            |                                                                                                                                                                                       | 19. Plug Back Measured Depth<br><b>MD 14,132' TVD 9,321'</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>UPPER BONE SPRING SHALE 9429 - 14,132'</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                                                                                                                                                                            |                                                              | 895'                     |                                             | 17 1/2"                                                    |                                                                      | 735 SXS CL C/CIRC                                               |            |               |
| 9 5/8"                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                            | 40# J-55                                                                                                                                                                              |                                                              | 4,663'                   |                                             | 12 1/4'                                                    |                                                                      | 1355 SXS CL C/CIRC                                              |            |               |
| 5 1/2"                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                            | 20# ICYP 110                                                                                                                                                                          |                                                              | 14,156'                  |                                             | 8 3/4'                                                     |                                                                      | 1470 SXS CL/H TOC @ 3560' CBL                                   |            |               |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                            |                                                                                                                                                                                       |                                                              |                          |                                             |                                                            |                                                                      |                                                                 |            |               |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                            |                                                                                                                                                                                       |                                                              |                          |                                             |                                                            |                                                                      |                                                                 |            |               |
| <b>24. LINER RECORD</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                            |                                                                                                                                                                                       |                                                              |                          |                                             | <b>25. TUBING RECORD</b>                                   |                                                                      |                                                                 |            |               |
| SIZE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | TOP                                        | BOTTOM                                                                                                                                                                                | SACKS CEMENT                                                 | SCREEN                   |                                             | SIZE                                                       | DEPTH SET                                                            |                                                                 | PACKER SET |               |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                            |                                                                                                                                                                                       |                                                              |                          |                                             |                                                            |                                                                      |                                                                 |            |               |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                            |                                                                                                                                                                                       |                                                              |                          |                                             |                                                            |                                                                      |                                                                 |            |               |
| 26. Perforation record (interval, size, and number)<br><br><b>9,429 - 14,132'    3 1/8" 960 holes</b>                                                                                                                                                                                                                                                                                                                                                                                           |                                            |                                                                                                                                                                                       |                                                              |                          |                                             | 27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.            |                                                                      |                                                                 |            |               |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                            |                                                                                                                                                                                       |                                                              |                          |                                             | DEPTH INTERVAL                                             |                                                                      | AMOUNT AND KIND MATERIAL USED                                   |            |               |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                            |                                                                                                                                                                                       |                                                              |                          |                                             | 9,429 - 14,132'                                            |                                                                      | Frac w/ 11,358,498 lbs proppant; 216,245 bbls load fld          |            |               |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                            |                                                                                                                                                                                       |                                                              |                          |                                             |                                                            |                                                                      |                                                                 |            |               |
| <b>28. PRODUCTION</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                            |                                                                                                                                                                                       |                                                              |                          |                                             |                                                            |                                                                      |                                                                 |            |               |
| Date First Production<br><b>11/20/2020</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                            | Production Method (Flowing, gas lift, pumping - Size and type pump)<br><b>FLOWING</b>                                                                                                 |                                                              |                          |                                             | Well Status (Prod. or Shut-in)<br><b>PRODUCING</b>         |                                                                      |                                                                 |            |               |
| Date of Test<br><b>11/25/2020</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Hours Tested<br><b>24</b>                  | Choke Size<br><b>88</b>                                                                                                                                                               | Prod'n For Test Period                                       | Oil - Bbl<br><b>2752</b> | Gas - MCF<br><b>5198</b>                    | Water - Bbl.<br><b>2798</b>                                | Gas - Oil Ratio<br><b>1889</b>                                       |                                                                 |            |               |
| Flow Tubing Press.                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Casing Pressure<br><b>990</b>              | Calculated 24-Hour Rate                                                                                                                                                               | Oil - Bbl.                                                   | Gas - MCF                | Water - Bbl.                                | Oil Gravity - API - (Corr.)<br><b>47</b>                   |                                                                      |                                                                 |            |               |
| 29. Disposition of Gas (Sold, used for fuel, vented, etc.)<br><b>SOLD</b>                                                                                                                                                                                                                                                                                                                                                                                                                       |                                            |                                                                                                                                                                                       |                                                              |                          |                                             |                                                            | 30. Test Witnessed By                                                |                                                                 |            |               |
| 31. List Attachments<br><b>C-102, C-103, C-104, Directional Survey, As-Completed plat</b>                                                                                                                                                                                                                                                                                                                                                                                                       |                                            |                                                                                                                                                                                       |                                                              |                          |                                             |                                                            |                                                                      |                                                                 |            |               |
| 32. If a temporary pit was used at the well, attach a plat with the location of the temporary pit.                                                                                                                                                                                                                                                                                                                                                                                              |                                            |                                                                                                                                                                                       |                                                              |                          |                                             |                                                            |                                                                      |                                                                 |            |               |
| 33. If an on-site burial was used at the well, report the exact location of the on-site burial:<br><div style="text-align: right;">Latitude _____ Longitude _____ NAD 1927 1983</div>                                                                                                                                                                                                                                                                                                           |                                            |                                                                                                                                                                                       |                                                              |                          |                                             |                                                            |                                                                      |                                                                 |            |               |
| I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief<br><div style="display: flex; justify-content: space-between;"> <div>           Printed<br/>           Signature <b>Kay Maddox</b><br/>           E-mail Address <b>kay_maddox@eogresources.com</b> </div> <div>           Name <b>Kay Maddox</b><br/>           Title <b>Regulatory Analyst</b> </div> <div>           Date <b>12/19/2020</b> </div> </div> |                                            |                                                                                                                                                                                       |                                                              |                          |                                             |                                                            |                                                                      |                                                                 |            |               |



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 <u>RUSTLER 735'</u> | T. Canyon <u>BRUSHY 7,432'</u>     | T. Ojo Alamo            | T. Penn A "      |
| T. Salt <u>1,069'</u>       | T. Strawn                          | T. Kirtland             | T. Penn. "B"     |
| B. Salt <u>4,561</u>        | 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. <u>BONE SPRING SHALE 9,025'</u> | T. Entrada              |                  |
| T. Wolfcamp                 | T.                                 | T. Wingate              |                  |
| T. Penn                     | T.                                 | T. Chinle               |                  |
| T. Cisco (Bough C)          | T.                                 | T. Permian              |                  |

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

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

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

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

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

**District I**

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

**District II**

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

**District III**

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

**District IV**

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

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

CONDITIONS

Action 12749

**CONDITIONS OF APPROVAL**

|              |                   |               |                  |        |      |                |       |              |           |
|--------------|-------------------|---------------|------------------|--------|------|----------------|-------|--------------|-----------|
| Operator:    | EOG RESOURCES INC | P.O. Box 2267 | Midland, TX79702 | OGRID: | 7377 | Action Number: | 12749 | Action Type: | C-104C    |
| OCD Reviewer |                   |               |                  |        |      |                |       |              | Condition |
| plmartinez   |                   |               |                  |        |      |                |       |              | None      |