

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 07/23/2022 |                                  |
| <sup>4</sup> API Number<br>30 - 025-47254                                                          | <sup>5</sup> Pool Name<br>WC025 G08 S243217P; UPPER WOLFCAMP |                                                                      | <sup>6</sup> Pool Code<br>98248  |
| <sup>7</sup> Property Code<br>328120                                                               | <sup>8</sup> Property Name<br>PEGASUS 3 FEDERAL COM          |                                                                      | <sup>9</sup> Well Number<br>711H |

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 |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| N             | 03      | 24S      | 32E   |         | 457'          | SOUTH            | 2475'         | 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 |
|------------------------|-------------------------------------|-----------------------------------|-----------------------------------|---------|------------------------------------|------------------|-------------------------------------|----------------|--------|
| B                      | 34                                  | 23S                               | 32E                               |         | 117'                               | NORTH            | 2302'                               | EAST           | LEA    |
| <sup>12</sup> Lse Code | <sup>13</sup> Producing Method Code | <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 |                |        |
|                        | FLOWING                             |                                   |                                   |         |                                    |                  |                                     |                |        |

III. Oil and Gas Transporters

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

IV. Well Completion Data

|                                       |                                        |                                    |                               |                                                |                              |
|---------------------------------------|----------------------------------------|------------------------------------|-------------------------------|------------------------------------------------|------------------------------|
| <sup>21</sup> Spud Date<br>02/16/2022 | <sup>22</sup> Ready Date<br>07/23/2022 | <sup>23</sup> TD<br>22,592'        | <sup>24</sup> PBTD<br>22,569' | <sup>25</sup> Perforations<br>12,612 - 22,569' | <sup>26</sup> DHC, MC        |
| <sup>27</sup> Hole Size               |                                        | <sup>28</sup> Casing & Tubing Size |                               | <sup>29</sup> Depth Set                        | <sup>30</sup> Sacks Cement   |
| 12 1/4"                               |                                        | 9 5/8"                             |                               | 1283'                                          | 450 SXS CL C/CIRC            |
| 8 3/4"                                |                                        | 7 5/8"                             |                               | 11,730'                                        | 1835 SXS CL C & H 79' ECHO   |
| 6 3/4"                                |                                        | 5 1/2"                             |                               | 22,577'                                        | 970 SXS CL H TOC 11,388' CBL |
|                                       |                                        |                                    |                               |                                                |                              |

V. Well Test Data

|                                          |                                               |                                       |                                     |                             |                                     |
|------------------------------------------|-----------------------------------------------|---------------------------------------|-------------------------------------|-----------------------------|-------------------------------------|
| <sup>31</sup> Date New Oil<br>07/23/2022 | <sup>32</sup> Gas Delivery Date<br>07/23/2022 | <sup>33</sup> Test Date<br>07/31/2022 | <sup>34</sup> Test Length<br>24 HRS | <sup>35</sup> Tbg. Pressure | <sup>36</sup> Csg. Pressure<br>2674 |
| <sup>37</sup> Choke Size                 | <sup>38</sup> Oil<br>4448                     | <sup>39</sup> Water<br>5909           | <sup>40</sup> Gas<br>10,569         |                             | <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>08/03/2022 | Phone:<br>432-638-8475 | OIL CONSERVATION DIVISION<br><br>Approved by:<br><br>Title:<br><br>Approval Date:<br><br> |
|                                                                                                                                                                                                                                                                                                                                                                                        |                        |                                                                                           |
|                                                                                                                                                                                                                                                                                                                                                                                        |                        |                                                                                           |
|                                                                                                                                                                                                                                                                                                                                                                                        |                        |                                                                                           |
|                                                                                                                                                                                                                                                                                                                                                                                        |                        |                                                                                           |

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

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

FORM C-102

Revised August 1, 2011

Submit one copy to appropriate

District Office

☐ AMENDED REPORT

## WELL LOCATION AND ACREAGE DEDICATION PLAT

|                                                 |                                                          |                                        |                                                                     |
|-------------------------------------------------|----------------------------------------------------------|----------------------------------------|---------------------------------------------------------------------|
| <sup>1</sup> API Number<br><b>30-025- 47254</b> |                                                          | <sup>2</sup> Pool Code<br><b>98248</b> | <sup>3</sup> Pool Name<br><b>WC025 G08 S243217P; UPPER WOLFCAMP</b> |
| <sup>4</sup> Property Code<br><b>328120</b>     | <sup>5</sup> Property Name<br><b>PEGASUS 3 FED COM</b>   |                                        | <sup>6</sup> Well Number<br><b>711H</b>                             |
| <sup>7</sup> OGRID No.<br><b>7377</b>           | <sup>8</sup> Operator Name<br><b>EOG RESOURCES, INC.</b> |                                        | <sup>9</sup> Elevation<br><b>3645'</b>                              |

<sup>10</sup>Surface Location

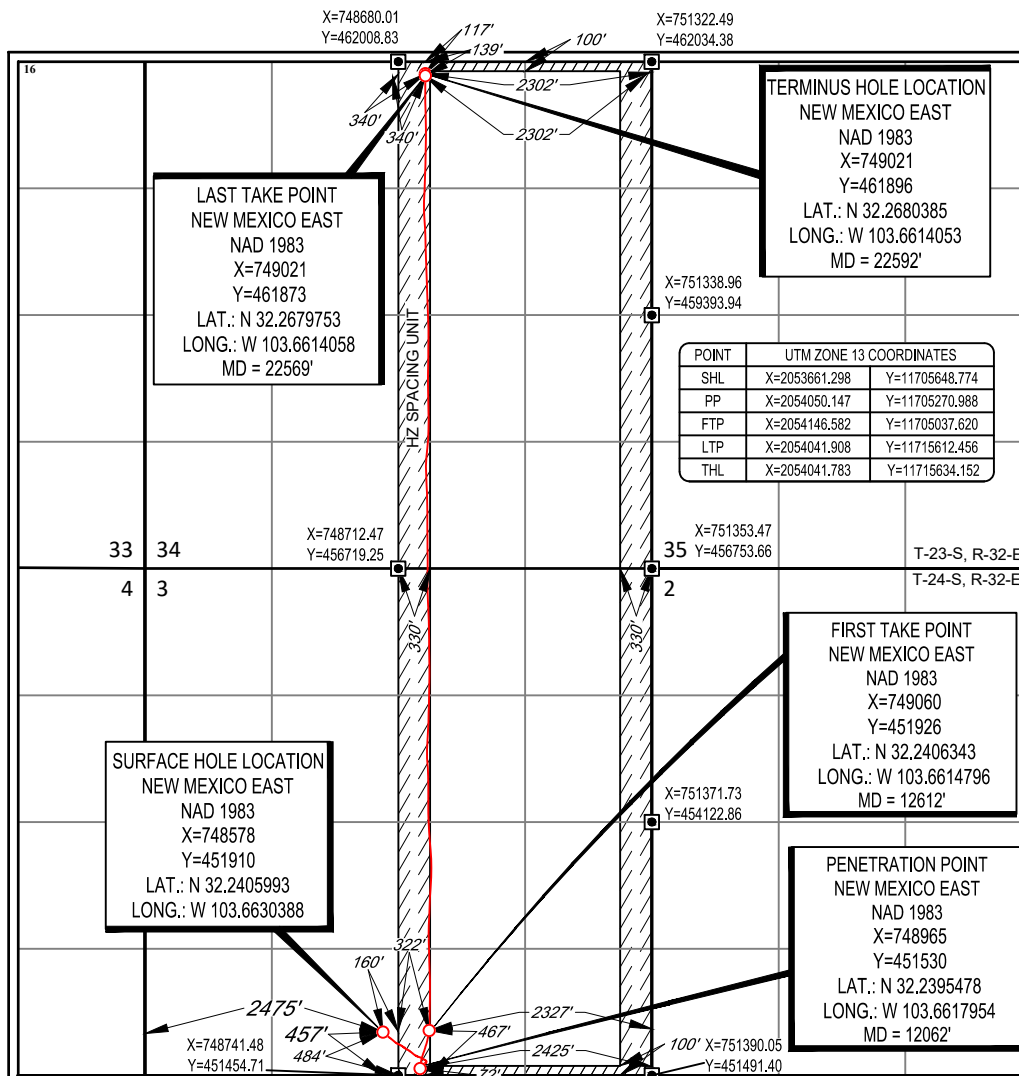
| UL or lot no. | Section  | Township    | Range       | Lot Idn  | Feet from the | North/South line | Feet from the | East/West line | County     |
|---------------|----------|-------------|-------------|----------|---------------|------------------|---------------|----------------|------------|
| <b>N</b>      | <b>3</b> | <b>24-S</b> | <b>32-E</b> | <b>-</b> | <b>457'</b>   | <b>SOUTH</b>     | <b>2475'</b>  | <b>WEST</b>    | <b>LEA</b> |

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

| UL or lot no. | Section   | Township    | Range       | Lot Idn  | Feet from the | North/South line | Feet from the | East/West line | County     |
|---------------|-----------|-------------|-------------|----------|---------------|------------------|---------------|----------------|------------|
| <b>B</b>      | <b>34</b> | <b>23-S</b> | <b>32-E</b> | <b>-</b> | <b>117'</b>   | <b>NORTH</b>     | <b>2302'</b>  | <b>EAST</b>    | <b>LEA</b> |

|                                                |                               |                                  |                         |
|------------------------------------------------|-------------------------------|----------------------------------|-------------------------|
| <sup>12</sup> Dedicated Acres<br><b>639.39</b> | <sup>13</sup> Joint or Infill | <sup>14</sup> Consolidation Code | <sup>15</sup> Order No. |
|------------------------------------------------|-------------------------------|----------------------------------|-------------------------|

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

<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* 07/23/2022  
Signature Date

KAY MADDOX

Printed Name

KAY\_MADDOX@EOGRESOURCES.COM

E-mail Address

<sup>18</sup>SURVEYOR CERTIFICATION

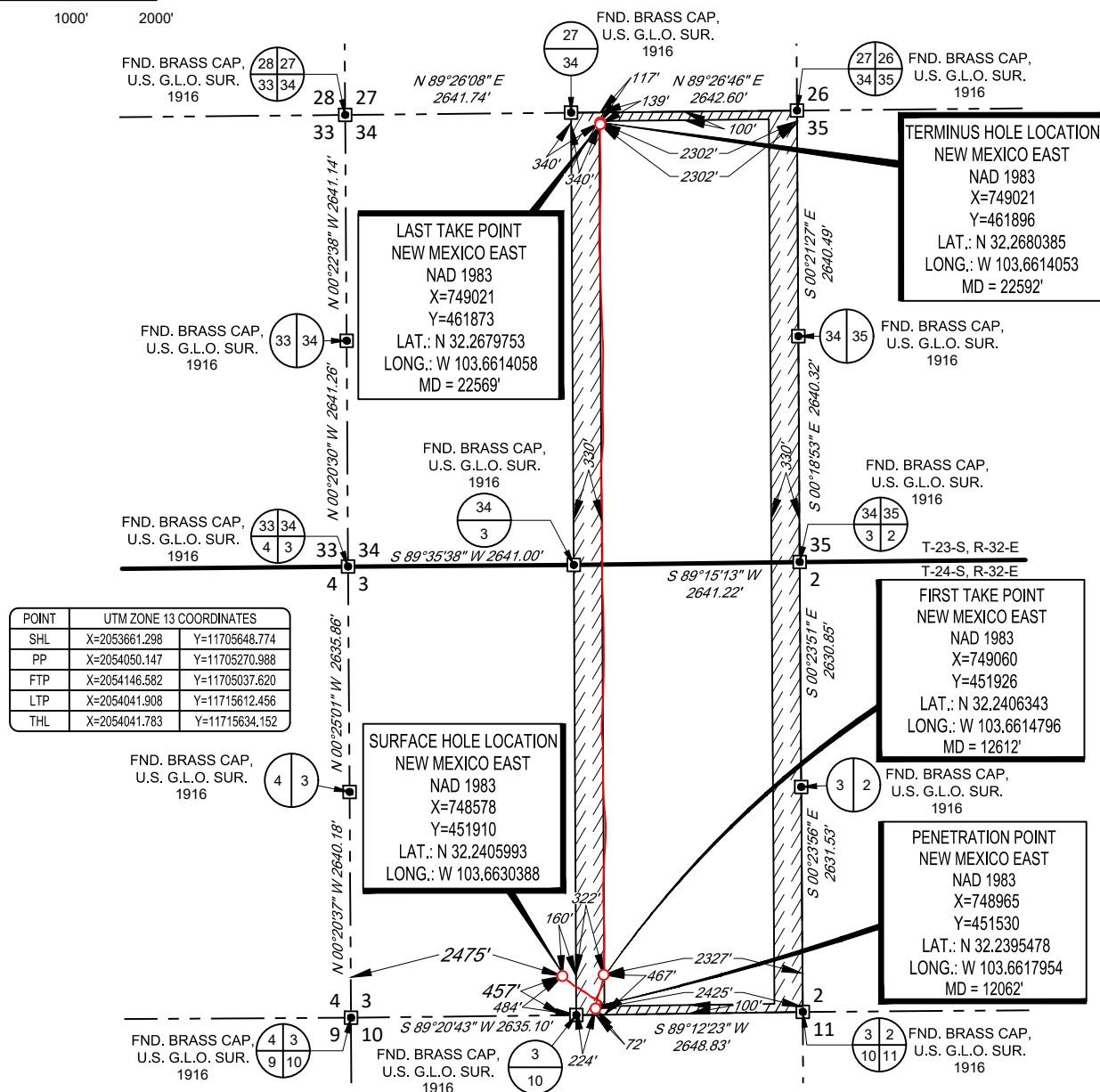
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true to the best of my belief.

01/27/2022

Date of Survey  
Signature and Seal of Professional Surveyor

**RAMON A. DOMINGUEZ**  
NEW MEXICO  
24508  
PROFESSIONAL SURVEYOR

Certificate Number

SECTION 3, TOWNSHIP 24-S, RANGE 32-E, N.M.P.M.  
LEA COUNTY, NEW MEXICOSCALE: 1" = 2000'  
0' 1000' 2000'

| POINT | UTM ZONE 13 COORDINATES |                |
|-------|-------------------------|----------------|
| SHL   | X=2053661.298           | Y=11705648.774 |
| PP    | X=2054050.147           | Y=11705270.988 |
| FTP   | X=2054146.582           | Y=11705037.620 |
| LTP   | X=2054041.908           | Y=11715612.456 |
| THL   | X=2054041.783           | Y=11715634.152 |

LEASE NAME & WELL NO.: PEGASUS 3 FED COM 711H  
 SECTION 3 TWP 24-S RGE 32-E SURVEY N.M.P.M.  
 COUNTY LEA STATE NM ELEVATION 3645'  
 DESCRIPTION 457' FSL & 2475' FWL



Ramon A. Dominguez, P.S. No. 24508  
 July 8, 2022



PEGASUS 3 FED COM  
 711H  
 AS-DRILLED

DATE: 07/08/22

FILE: AD\_PEGASUS\_3\_FED\_COM\_711H

DRAWN BY: EAH

SHEET: 2 OF 2

REVISION:

NOTES:

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



## Midland

Lea County, NM (NAD 83 NME)

Pegasus 3 Fed Com

#711H

OH

Design: OH

## Final PVA

12 May, 2022





Final PVA



|                  |                             |                                     |                       |
|------------------|-----------------------------|-------------------------------------|-----------------------|
| <b>Company:</b>  | Midland                     | <b>Local Co-ordinate Reference:</b> | Well #711H            |
| <b>Project:</b>  | Lea County, NM (NAD 83 NME) | <b>TVD Reference:</b>               | KB = 26' @ 3669.0usft |
| <b>Site:</b>     | Pegasus 3 Fed Com           | <b>MD Reference:</b>                | KB = 26' @ 3669.0usft |
| <b>Well:</b>     | #711H                       | <b>North Reference:</b>             | Grid                  |
| <b>Wellbore:</b> | OH                          | <b>Survey Calculation Method:</b>   | Minimum Curvature     |
| <b>Design:</b>   | OH                          | <b>Database:</b>                    | PEDM                  |

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

|                              |                   |                          |                   |
|------------------------------|-------------------|--------------------------|-------------------|
| <b>Site</b>                  | Pegasus 3 Fed Com |                          |                   |
| <b>Site Position:</b>        |                   | <b>Northing:</b>         | 451,857.00 usft   |
| <b>From:</b>                 | Map               | <b>Easting:</b>          | 747,693.00 usft   |
| <b>Position Uncertainty:</b> | 0.0 usft          | <b>Slot Radius:</b>      | 13-3/16 "         |
|                              |                   | <b>Latitude:</b>         | 32° 14' 25.685 N  |
|                              |                   | <b>Longitude:</b>        | 103° 39' 57.253 W |
|                              |                   | <b>Grid Convergence:</b> | 0.36 °            |

|                      |       |          |                     |                 |               |                   |
|----------------------|-------|----------|---------------------|-----------------|---------------|-------------------|
| Well                 |       | #711H    |                     |                 |               |                   |
| Well Position        | +N/-S | 0.0 usft | Northing:           | 451,910.00 usft | Latitude:     | 32° 14' 26.155 N  |
|                      | +E/-W | 0.0 usft | Easting:            | 748,578.00 usft | Longitude:    | 103° 39' 46.945 W |
| Position Uncertainty |       | 0.0 usft | Wellhead Elevation: | usft            | Ground Level: | 3,643.0 usft      |

|                  |                   |                    |                        |                      |                            |
|------------------|-------------------|--------------------|------------------------|----------------------|----------------------------|
| <b>Wellbore</b>  | OH                |                    |                        |                      |                            |
| <b>Magnetics</b> | <b>Model Name</b> | <b>Sample Date</b> | <b>Declination (°)</b> | <b>Dip Angle (°)</b> | <b>Field Strength (nT)</b> |
|                  | IGRF2020          | 11/15/2021         | 6.54                   | 59.89                | 47,449.39368996            |

|                          |                                |                     |                     |                          |
|--------------------------|--------------------------------|---------------------|---------------------|--------------------------|
| <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                 | 2.48                     |

|                       |                       |                          |                   |                                               |
|-----------------------|-----------------------|--------------------------|-------------------|-----------------------------------------------|
| <b>Survey Program</b> | <b>Date</b> 5/12/2022 |                          |                   |                                               |
| <b>From (usft)</b>    | <b>To (usft)</b>      | <b>Survey (Wellbore)</b> | <b>Tool Name</b>  | <b>Description</b>                            |
| 15.0                  | 22,592.0              | MS MWD (OH)              | MWD+IGRF+SAG+FDIR | OWSG MWD + IGRF or WMM + Sag Correction + FDI |



Final PVA



|                  |                             |                                     |                       |
|------------------|-----------------------------|-------------------------------------|-----------------------|
| <b>Company:</b>  | Midland                     | <b>Local Co-ordinate Reference:</b> | Well #711H            |
| <b>Project:</b>  | Lea County, NM (NAD 83 NME) | <b>TVD Reference:</b>               | KB = 26' @ 3669.0usft |
| <b>Site:</b>     | Pegasus 3 Fed Com           | <b>MD Reference:</b>                | KB = 26' @ 3669.0usft |
| <b>Well:</b>     | #711H                       | <b>North Reference:</b>             | Grid                  |
| <b>Wellbore:</b> | OH                          | <b>Survey Calculation Method:</b>   | Minimum Curvature     |
| <b>Design:</b>   | OH                          | <b>Database:</b>                    | PEDM                  |

| Survey       |            |                      |               |               |               |                     |                      |                     |                        |                         |  |
|--------------|------------|----------------------|---------------|---------------|---------------|---------------------|----------------------|---------------------|------------------------|-------------------------|--|
| MD<br>(usft) | Inc<br>(°) | Azi (azimuth)<br>(°) | TVD<br>(usft) | N/S<br>(usft) | E/W<br>(usft) | DLeg<br>(°/100usft) | Build<br>(°/100usft) | Turn<br>(°/100usft) | High to Plan<br>(usft) | Right to Plan<br>(usft) |  |
| 0.0          | 0.00       | 0.00                 | 0.0           | 0.0           | 0.0           | 0.00                | 0.00                 | 0.00                | 0.0                    | 0.0                     |  |
| 15.0         | 0.04       | 357.51               | 15.0          | 0.0           | 0.0           | 0.27                | 0.27                 | 0.00                | 0.0                    | 0.0                     |  |
| 29.0         | 0.08       | 357.49               | 29.0          | 0.0           | 0.0           | 0.29                | 0.29                 | -0.14               | 0.0                    | 0.0                     |  |
| 44.0         | 0.11       | 357.48               | 44.0          | 0.0           | 0.0           | 0.20                | 0.20                 | -0.07               | 0.0                    | 0.0                     |  |
| 58.0         | 0.15       | 357.46               | 58.0          | 0.1           | 0.0           | 0.29                | 0.29                 | -0.14               | -0.1                   | 0.0                     |  |
| 73.0         | 0.19       | 357.44               | 73.0          | 0.1           | 0.0           | 0.27                | 0.27                 | -0.13               | -0.1                   | 0.0                     |  |
| 88.0         | 0.23       | 357.43               | 88.0          | 0.2           | 0.0           | 0.27                | 0.27                 | -0.07               | -0.2                   | 0.0                     |  |
| 102.0        | 0.27       | 357.41               | 102.0         | 0.2           | 0.0           | 0.29                | 0.29                 | -0.14               | -0.2                   | 0.0                     |  |
| 117.0        | 0.30       | 357.39               | 117.0         | 0.3           | 0.0           | 0.20                | 0.20                 | -0.13               | -0.3                   | 0.0                     |  |
| 132.0        | 0.34       | 357.38               | 132.0         | 0.4           | 0.0           | 0.27                | 0.27                 | -0.07               | -0.4                   | 0.0                     |  |
| 146.0        | 0.38       | 357.36               | 146.0         | 0.5           | 0.0           | 0.29                | 0.29                 | -0.14               | -0.5                   | 0.0                     |  |
| 161.0        | 0.42       | 357.34               | 161.0         | 0.6           | 0.0           | 0.27                | 0.27                 | -0.13               | -0.6                   | 0.0                     |  |
| 175.0        | 0.45       | 357.33               | 175.0         | 0.7           | 0.0           | 0.21                | 0.21                 | -0.07               | -0.7                   | 0.0                     |  |
| 190.0        | 0.49       | 357.31               | 190.0         | 0.8           | 0.0           | 0.27                | 0.27                 | -0.13               | -0.8                   | 0.0                     |  |
| 204.0        | 0.45       | 354.39               | 204.0         | 0.9           | 0.0           | 0.33                | -0.29                | -20.86              | -0.9                   | 0.0                     |  |
| 218.0        | 0.42       | 350.97               | 218.0         | 1.0           | -0.1          | 0.28                | -0.21                | -24.43              | -1.0                   | -0.1                    |  |
| 233.0        | 0.43       | 351.91               | 233.0         | 1.1           | -0.1          | 0.08                | 0.07                 | 6.27                | -1.1                   | -0.1                    |  |
| 247.0        | 0.44       | 352.79               | 247.0         | 1.3           | -0.1          | 0.09                | 0.07                 | 6.29                | -1.3                   | -0.1                    |  |
| 262.0        | 0.45       | 353.62               | 262.0         | 1.4           | -0.1          | 0.08                | 0.07                 | 5.53                | -1.4                   | 0.0                     |  |
| 276.0        | 0.46       | 354.41               | 276.0         | 1.5           | -0.1          | 0.08                | 0.07                 | 5.64                | -1.5                   | 0.0                     |  |
| 291.0        | 0.48       | 355.16               | 291.0         | 1.6           | -0.1          | 0.14                | 0.13                 | 5.00                | -1.6                   | 0.0                     |  |
| 305.0        | 0.49       | 355.87               | 305.0         | 1.7           | -0.1          | 0.08                | 0.07                 | 5.07                | -1.7                   | 0.0                     |  |
| 319.0        | 0.47       | 357.30               | 319.0         | 1.8           | -0.1          | 0.17                | -0.14                | 10.21               | -1.8                   | 0.1                     |  |
| 334.0        | 0.45       | 358.85               | 334.0         | 2.0           | -0.1          | 0.16                | -0.13                | 10.33               | -2.0                   | 0.1                     |  |
| 348.0        | 0.43       | 0.54                 | 348.0         | 2.1           | -0.1          | 0.17                | -0.14                | 12.07               | -2.1                   | 0.2                     |  |
| 362.0        | 0.41       | 2.39                 | 362.0         | 2.2           | -0.1          | 0.17                | -0.14                | 13.21               | -2.2                   | 0.2                     |  |
| 377.0        | 0.39       | 4.42                 | 377.0         | 2.3           | -0.1          | 0.16                | -0.13                | 13.53               | -2.3                   | 0.3                     |  |



Final PVA



|                  |                             |                                     |                       |
|------------------|-----------------------------|-------------------------------------|-----------------------|
| <b>Company:</b>  | Midland                     | <b>Local Co-ordinate Reference:</b> | Well #711H            |
| <b>Project:</b>  | Lea County, NM (NAD 83 NME) | <b>TVD Reference:</b>               | KB = 26' @ 3669.0usft |
| <b>Site:</b>     | Pegasus 3 Fed Com           | <b>MD Reference:</b>                | KB = 26' @ 3669.0usft |
| <b>Well:</b>     | #711H                       | <b>North Reference:</b>             | Grid                  |
| <b>Wellbore:</b> | OH                          | <b>Survey Calculation Method:</b>   | Minimum Curvature     |
| <b>Design:</b>   | OH                          | <b>Database:</b>                    | PEDM                  |

| Survey       |            |                      |               |               |               |                     |                      |                     |                        |                         |  |
|--------------|------------|----------------------|---------------|---------------|---------------|---------------------|----------------------|---------------------|------------------------|-------------------------|--|
| MD<br>(usft) | Inc<br>(°) | Azi (azimuth)<br>(°) | TVD<br>(usft) | N/S<br>(usft) | E/W<br>(usft) | DLeg<br>(°/100usft) | Build<br>(°/100usft) | Turn<br>(°/100usft) | High to Plan<br>(usft) | Right to Plan<br>(usft) |  |
| 391.0        | 0.37       | 6.66                 | 391.0         | 2.4           | -0.1          | 0.18                | -0.14                | 16.00               | -2.3                   | 0.4                     |  |
| 405.0        | 0.36       | 3.96                 | 405.0         | 2.5           | -0.1          | 0.14                | -0.07                | -19.29              | -2.4                   | 0.3                     |  |
| 419.0        | 0.35       | 1.12                 | 419.0         | 2.5           | -0.1          | 0.14                | -0.07                | -20.29              | -2.5                   | 0.2                     |  |
| 433.0        | 0.34       | 358.14               | 433.0         | 2.6           | -0.1          | 0.15                | -0.07                | -21.29              | -2.6                   | 0.0                     |  |
| 447.0        | 0.34       | 355.02               | 447.0         | 2.7           | -0.1          | 0.13                | 0.00                 | -22.29              | -2.7                   | -0.1                    |  |
| 461.0        | 0.33       | 351.77               | 461.0         | 2.8           | -0.1          | 0.15                | -0.07                | -23.21              | -2.8                   | -0.3                    |  |
| 475.0        | 0.33       | 348.41               | 475.0         | 2.9           | -0.1          | 0.14                | 0.00                 | -24.00              | -2.8                   | -0.4                    |  |
| 489.0        | 0.33       | 347.76               | 489.0         | 2.9           | -0.2          | 0.03                | 0.00                 | -4.64               | -2.9                   | -0.5                    |  |
| 503.0        | 0.33       | 347.12               | 503.0         | 3.0           | -0.2          | 0.03                | 0.00                 | -4.57               | -3.0                   | -0.5                    |  |
| 518.0        | 0.34       | 346.49               | 518.0         | 3.1           | -0.2          | 0.07                | 0.07                 | -4.20               | -3.1                   | -0.5                    |  |
| 532.0        | 0.34       | 345.87               | 532.0         | 3.2           | -0.2          | 0.03                | 0.00                 | -4.43               | -3.1                   | -0.6                    |  |
| 546.0        | 0.34       | 345.25               | 546.0         | 3.3           | -0.2          | 0.03                | 0.00                 | -4.43               | -3.2                   | -0.6                    |  |
| 560.0        | 0.35       | 344.64               | 560.0         | 3.4           | -0.3          | 0.08                | 0.07                 | -4.36               | -3.3                   | -0.6                    |  |
| 575.0        | 0.33       | 342.30               | 575.0         | 3.4           | -0.3          | 0.16                | -0.13                | -15.60              | -3.4                   | -0.8                    |  |
| 589.0        | 0.31       | 339.70               | 589.0         | 3.5           | -0.3          | 0.18                | -0.14                | -18.57              | -3.4                   | -0.9                    |  |
| 604.0        | 0.30       | 336.80               | 604.0         | 3.6           | -0.3          | 0.12                | -0.07                | -19.33              | -3.4                   | -1.1                    |  |
| 618.0        | 0.28       | 333.56               | 618.0         | 3.6           | -0.4          | 0.18                | -0.14                | -23.14              | -3.4                   | -1.3                    |  |
| 633.0        | 0.27       | 329.96               | 633.0         | 3.7           | -0.4          | 0.13                | -0.07                | -24.00              | -3.4                   | -1.5                    |  |
| 647.0        | 0.25       | 325.95               | 647.0         | 3.8           | -0.4          | 0.19                | -0.14                | -28.64              | -3.4                   | -1.7                    |  |
| 661.0        | 0.28       | 318.65               | 661.0         | 3.8           | -0.5          | 0.32                | 0.21                 | -52.14              | -3.2                   | -2.2                    |  |
| 675.0        | 0.30       | 312.59               | 675.0         | 3.9           | -0.5          | 0.26                | 0.14                 | -43.29              | -3.0                   | -2.5                    |  |
| 689.0        | 0.34       | 307.59               | 689.0         | 3.9           | -0.6          | 0.35                | 0.29                 | -35.71              | -2.9                   | -2.7                    |  |
| 703.0        | 0.37       | 303.45               | 703.0         | 4.0           | -0.7          | 0.28                | 0.21                 | -29.57              | -2.7                   | -2.9                    |  |
| 717.0        | 0.40       | 300.00               | 717.0         | 4.0           | -0.7          | 0.27                | 0.21                 | -24.64              | -2.6                   | -3.1                    |  |
| 731.0        | 0.44       | 297.09               | 731.0         | 4.1           | -0.8          | 0.32                | 0.29                 | -20.79              | -2.6                   | -3.2                    |  |
| 745.0        | 0.48       | 294.62               | 745.0         | 4.1           | -0.9          | 0.32                | 0.29                 | -17.64              | -2.6                   | -3.4                    |  |
| 759.0        | 0.50       | 292.82               | 759.0         | 4.2           | -1.0          | 0.18                | 0.14                 | -12.86              | -2.6                   | -3.4                    |  |



Final PVA



|                  |                             |                                     |                       |
|------------------|-----------------------------|-------------------------------------|-----------------------|
| <b>Company:</b>  | Midland                     | <b>Local Co-ordinate Reference:</b> | Well #711H            |
| <b>Project:</b>  | Lea County, NM (NAD 83 NME) | <b>TVD Reference:</b>               | KB = 26' @ 3669.0usft |
| <b>Site:</b>     | Pegasus 3 Fed Com           | <b>MD Reference:</b>                | KB = 26' @ 3669.0usft |
| <b>Well:</b>     | #711H                       | <b>North Reference:</b>             | Grid                  |
| <b>Wellbore:</b> | OH                          | <b>Survey Calculation Method:</b>   | Minimum Curvature     |
| <b>Design:</b>   | OH                          | <b>Database:</b>                    | PEDM                  |

| Survey       |            |                      |               |               |               |                     |                      |                     |                        |                         |  |
|--------------|------------|----------------------|---------------|---------------|---------------|---------------------|----------------------|---------------------|------------------------|-------------------------|--|
| MD<br>(usft) | Inc<br>(°) | Azi (azimuth)<br>(°) | TVD<br>(usft) | N/S<br>(usft) | E/W<br>(usft) | DLeg<br>(°/100usft) | Build<br>(°/100usft) | Turn<br>(°/100usft) | High to Plan<br>(usft) | Right to Plan<br>(usft) |  |
| 772.0        | 0.53       | 291.20               | 772.0         | 4.2           | -1.1          | 0.26                | 0.23                 | -12.46              | -2.6                   | -3.5                    |  |
| 786.0        | 0.56       | 289.73               | 786.0         | 4.3           | -1.3          | 0.24                | 0.21                 | -10.50              | -2.6                   | -3.6                    |  |
| 800.0        | 0.58       | 288.39               | 800.0         | 4.3           | -1.4          | 0.17                | 0.14                 | -9.57               | -2.7                   | -3.6                    |  |
| 814.0        | 0.61       | 287.17               | 814.0         | 4.3           | -1.5          | 0.23                | 0.21                 | -8.71               | -2.8                   | -3.7                    |  |
| 827.0        | 0.64       | 286.06               | 827.0         | 4.4           | -1.7          | 0.25                | 0.23                 | -8.54               | -2.8                   | -3.7                    |  |
| 841.0        | 0.67       | 285.03               | 841.0         | 4.4           | -1.8          | 0.23                | 0.21                 | -7.36               | -2.9                   | -3.8                    |  |
| 855.0        | 0.69       | 284.84               | 855.0         | 4.5           | -2.0          | 0.14                | 0.14                 | -1.36               | -3.1                   | -3.8                    |  |
| 868.0        | 0.71       | 284.66               | 868.0         | 4.5           | -2.1          | 0.15                | 0.15                 | -1.38               | -3.2                   | -3.8                    |  |
| 882.0        | 0.73       | 284.48               | 882.0         | 4.6           | -2.3          | 0.14                | 0.14                 | -1.29               | -3.4                   | -3.8                    |  |
| 896.0        | 0.75       | 284.31               | 896.0         | 4.6           | -2.5          | 0.14                | 0.14                 | -1.21               | -3.6                   | -3.8                    |  |
| 910.0        | 0.77       | 284.14               | 910.0         | 4.6           | -2.7          | 0.14                | 0.14                 | -1.21               | -3.7                   | -3.9                    |  |
| 923.0        | 0.79       | 283.98               | 923.0         | 4.7           | -2.8          | 0.15                | 0.15                 | -1.23               | -3.9                   | -3.9                    |  |
| 937.0        | 0.81       | 283.82               | 937.0         | 4.7           | -3.0          | 0.14                | 0.14                 | -1.14               | -4.1                   | -3.9                    |  |
| 951.0        | 0.81       | 280.21               | 951.0         | 4.8           | -3.2          | 0.36                | 0.00                 | -25.79              | -4.0                   | -4.1                    |  |
| 964.0        | 0.82       | 276.63               | 964.0         | 4.8           | -3.4          | 0.40                | 0.08                 | -27.54              | -3.9                   | -4.4                    |  |
| 978.0        | 0.83       | 273.12               | 978.0         | 4.8           | -3.6          | 0.37                | 0.07                 | -25.07              | -3.9                   | -4.6                    |  |
| 991.0        | 0.84       | 269.69               | 991.0         | 4.8           | -3.8          | 0.39                | 0.08                 | -26.38              | -3.8                   | -4.8                    |  |
| 1,005.0      | 0.86       | 266.37               | 1,005.0       | 4.8           | -4.0          | 0.38                | 0.14                 | -23.71              | -3.7                   | -5.1                    |  |
| 1,018.0      | 0.87       | 263.18               | 1,018.0       | 4.8           | -4.2          | 0.38                | 0.08                 | -24.54              | -3.6                   | -5.3                    |  |
| 1,032.0      | 0.90       | 260.12               | 1,032.0       | 4.8           | -4.4          | 0.40                | 0.21                 | -21.86              | -3.5                   | -5.5                    |  |
| 1,046.0      | 0.92       | 259.36               | 1,046.0       | 4.7           | -4.6          | 0.17                | 0.14                 | -5.43               | -3.7                   | -5.5                    |  |
| 1,059.0      | 0.94       | 258.64               | 1,059.0       | 4.7           | -4.8          | 0.18                | 0.15                 | -5.54               | -3.8                   | -5.6                    |  |
| 1,073.0      | 0.96       | 257.94               | 1,073.0       | 4.6           | -5.1          | 0.17                | 0.14                 | -5.00               | -4.0                   | -5.6                    |  |
| 1,086.0      | 0.98       | 257.27               | 1,086.0       | 4.6           | -5.3          | 0.18                | 0.15                 | -5.15               | -4.1                   | -5.6                    |  |
| 1,100.0      | 1.00       | 256.62               | 1,100.0       | 4.5           | -5.5          | 0.16                | 0.14                 | -4.64               | -4.3                   | -5.7                    |  |
| 1,113.0      | 1.02       | 256.00               | 1,113.0       | 4.5           | -5.7          | 0.18                | 0.15                 | -4.77               | -4.5                   | -5.7                    |  |
| 1,127.0      | 1.04       | 255.40               | 1,126.9       | 4.4           | -6.0          | 0.16                | 0.14                 | -4.29               | -4.7                   | -5.8                    |  |



Final PVA



|                  |                             |                                     |                       |
|------------------|-----------------------------|-------------------------------------|-----------------------|
| <b>Company:</b>  | Midland                     | <b>Local Co-ordinate Reference:</b> | Well #711H            |
| <b>Project:</b>  | Lea County, NM (NAD 83 NME) | <b>TVD Reference:</b>               | KB = 26' @ 3669.0usft |
| <b>Site:</b>     | Pegasus 3 Fed Com           | <b>MD Reference:</b>                | KB = 26' @ 3669.0usft |
| <b>Well:</b>     | #711H                       | <b>North Reference:</b>             | Grid                  |
| <b>Wellbore:</b> | OH                          | <b>Survey Calculation Method:</b>   | Minimum Curvature     |
| <b>Design:</b>   | OH                          | <b>Database:</b>                    | PEDM                  |

| Survey       |            |                      |               |               |               |                     |                      |                     |                        |                         |
|--------------|------------|----------------------|---------------|---------------|---------------|---------------------|----------------------|---------------------|------------------------|-------------------------|
| MD<br>(usft) | Inc<br>(°) | Azi (azimuth)<br>(°) | TVD<br>(usft) | N/S<br>(usft) | E/W<br>(usft) | DLeg<br>(°/100usft) | Build<br>(°/100usft) | Turn<br>(°/100usft) | High to Plan<br>(usft) | Right to Plan<br>(usft) |
| 1,141.0      | 1.06       | 253.88               | 1,140.9       | 4.4           | -6.2          | 0.24                | 0.14                 | -10.86              | -4.8                   | -5.9                    |
| 1,154.0      | 1.09       | 252.35               | 1,153.9       | 4.3           | -6.5          | 0.32                | 0.23                 | -11.77              | -4.9                   | -6.0                    |
| 1,168.0      | 1.13       | 250.87               | 1,167.9       | 4.2           | -6.7          | 0.35                | 0.29                 | -10.57              | -5.0                   | -6.2                    |
| 1,181.0      | 1.16       | 249.52               | 1,180.9       | 4.1           | -7.0          | 0.31                | 0.23                 | -10.38              | -5.1                   | -6.3                    |
| 1,195.0      | 1.19       | 248.36               | 1,194.9       | 4.0           | -7.2          | 0.27                | 0.21                 | -8.29               | -5.2                   | -6.4                    |
| 1,208.0      | 1.23       | 247.47               | 1,207.9       | 3.9           | -7.5          | 0.34                | 0.31                 | -6.85               | -5.4                   | -6.5                    |
| 1,222.0      | 1.26       | 246.93               | 1,221.9       | 3.8           | -7.8          | 0.23                | 0.21                 | -3.86               | -5.7                   | -6.5                    |
| 1,235.0      | 1.30       | 246.72               | 1,234.9       | 3.7           | -8.0          | 0.31                | 0.31                 | -1.62               | -5.9                   | -6.6                    |
| 1,248.0      | 1.33       | 246.74               | 1,247.9       | 3.6           | -8.3          | 0.23                | 0.23                 | 0.15                | -6.2                   | -6.6                    |
| 1,261.0      | 1.35       | 246.83               | 1,260.9       | 3.4           | -8.6          | 0.15                | 0.15                 | 0.69                | -6.5                   | -6.5                    |
| 1,275.0      | 1.37       | 246.85               | 1,274.9       | 3.3           | -8.9          | 0.14                | 0.14                 | 0.14                | -6.9                   | -6.5                    |
| 1,288.0      | 1.38       | 246.66               | 1,287.9       | 3.2           | -9.2          | 0.08                | 0.08                 | -1.46               | -7.2                   | -6.6                    |
| 1,301.0      | 1.37       | 246.08               | 1,300.9       | 3.1           | -9.5          | 0.13                | -0.08                | -4.46               | -7.4                   | -6.6                    |
| 1,314.0      | 1.33       | 244.83               | 1,313.9       | 2.9           | -9.8          | 0.38                | -0.31                | -9.62               | -7.6                   | -6.8                    |
| 1,328.0      | 1.26       | 242.09               | 1,327.9       | 2.8           | -10.0         | 0.67                | -0.50                | -19.57              | -7.6                   | -7.3                    |
| 1,341.0      | 1.17       | 238.08               | 1,340.9       | 2.7           | -10.3         | 0.95                | -0.69                | -30.85              | -7.4                   | -8.0                    |
| 1,355.0      | 1.08       | 232.90               | 1,354.9       | 2.5           | -10.5         | 0.97                | -0.64                | -37.00              | -7.0                   | -8.8                    |
| 1,369.0      | 1.01       | 226.82               | 1,368.9       | 2.3           | -10.7         | 0.94                | -0.50                | -43.43              | -6.4                   | -9.8                    |
| 1,383.0      | 0.99       | 197.08               | 1,382.9       | 2.1           | -10.8         | 3.67                | -0.14                | -212.43             | -0.8                   | -12.1                   |
| 1,396.0      | 2.00       | 149.36               | 1,395.9       | 1.8           | -10.7         | 11.71               | 7.77                 | -367.08             | 8.5                    | -8.9                    |
| 1,410.0      | 2.70       | 139.65               | 1,409.9       | 1.4           | -10.4         | 5.73                | 5.00                 | -69.36              | 9.8                    | -7.5                    |
| 1,424.0      | 2.72       | 137.75               | 1,423.9       | 0.9           | -10.0         | 0.66                | 0.14                 | -13.57              | 10.0                   | -7.3                    |
| 1,437.0      | 2.75       | 135.90               | 1,436.8       | 0.4           | -9.5          | 0.72                | 0.23                 | -14.23              | 10.1                   | -7.1                    |
| 1,451.0      | 2.79       | 134.19               | 1,450.8       | -0.1          | -9.1          | 0.66                | 0.29                 | -12.21              | 10.4                   | -6.9                    |
| 1,464.0      | 2.85       | 132.67               | 1,463.8       | -0.5          | -8.6          | 0.74                | 0.46                 | -11.69              | 10.6                   | -6.8                    |
| 1,478.0      | 3.46       | 130.09               | 1,477.8       | -1.0          | -8.0          | 4.47                | 4.36                 | -18.43              | 11.0                   | -6.4                    |
| 1,491.0      | 4.81       | 126.23               | 1,490.8       | -1.6          | -7.3          | 10.60               | 10.38                | -29.69              | 11.3                   | -5.6                    |

|                  |                             |                                     |                       |
|------------------|-----------------------------|-------------------------------------|-----------------------|
| <b>Company:</b>  | Midland                     | <b>Local Co-ordinate Reference:</b> | Well #711H            |
| <b>Project:</b>  | Lea County, NM (NAD 83 NME) | <b>TVD Reference:</b>               | KB = 26' @ 3669.0usft |
| <b>Site:</b>     | Pegasus 3 Fed Com           | <b>MD Reference:</b>                | KB = 26' @ 3669.0usft |
| <b>Well:</b>     | #711H                       | <b>North Reference:</b>             | Grid                  |
| <b>Wellbore:</b> | OH                          | <b>Survey Calculation Method:</b>   | Minimum Curvature     |
| <b>Design:</b>   | OH                          | <b>Database:</b>                    | PEDM                  |

| Survey       |            |                      |               |               |               |                     |                      |                     |                        |                         |  |
|--------------|------------|----------------------|---------------|---------------|---------------|---------------------|----------------------|---------------------|------------------------|-------------------------|--|
| MD<br>(usft) | Inc<br>(°) | Azi (azimuth)<br>(°) | TVD<br>(usft) | N/S<br>(usft) | E/W<br>(usft) | DLeg<br>(°/100usft) | Build<br>(°/100usft) | Turn<br>(°/100usft) | High to Plan<br>(usft) | Right to Plan<br>(usft) |  |
| 1,505.0      | 5.26       | 124.30               | 1,504.7       | -2.3          | -6.3          | 3.43                | 3.21                 | -13.79              | 11.2                   | -5.3                    |  |
| 1,519.0      | 5.37       | 123.94               | 1,518.6       | -3.0          | -5.2          | 0.82                | 0.79                 | -2.57               | 10.9                   | -5.2                    |  |
| 1,532.0      | 5.50       | 123.69               | 1,531.6       | -3.7          | -4.2          | 1.02                | 1.00                 | -1.92               | 10.8                   | -5.1                    |  |
| 1,546.0      | 5.63       | 123.51               | 1,545.5       | -4.5          | -3.0          | 0.94                | 0.93                 | -1.29               | 10.6                   | -5.0                    |  |
| 1,560.0      | 5.75       | 123.41               | 1,559.4       | -5.2          | -1.9          | 0.86                | 0.86                 | -0.71               | 10.4                   | -4.9                    |  |
| 1,574.0      | 6.43       | 124.29               | 1,573.4       | -6.0          | -0.7          | 4.90                | 4.86                 | 6.29                | 10.2                   | -5.1                    |  |
| 1,587.0      | 7.80       | 125.56               | 1,586.3       | -7.0          | 0.7           | 10.61               | 10.54                | 9.77                | 9.7                    | -5.3                    |  |
| 1,601.0      | 7.88       | 125.72               | 1,600.1       | -8.1          | 2.2           | 0.59                | 0.57                 | 1.14                | 9.2                    | -5.3                    |  |
| 1,615.0      | 7.94       | 126.03               | 1,614.0       | -9.2          | 3.8           | 0.53                | 0.43                 | 2.21                | 8.7                    | -5.3                    |  |
| 1,628.0      | 7.97       | 126.41               | 1,626.9       | -10.3         | 5.2           | 0.47                | 0.23                 | 2.92                | 8.3                    | -5.4                    |  |
| 1,642.0      | 8.00       | 126.82               | 1,640.7       | -11.4         | 6.8           | 0.46                | 0.21                 | 2.93                | 8.0                    | -5.5                    |  |
| 1,656.0      | 8.01       | 127.22               | 1,654.6       | -12.6         | 8.3           | 0.40                | 0.07                 | 2.86                | 7.7                    | -5.6                    |  |
| 1,670.0      | 8.03       | 127.59               | 1,668.5       | -13.8         | 9.9           | 0.40                | 0.14                 | 2.64                | 7.4                    | -5.7                    |  |
| 1,683.0      | 8.04       | 127.86               | 1,681.3       | -14.9         | 11.3          | 0.30                | 0.08                 | 2.08                | 7.1                    | -5.8                    |  |
| 1,697.0      | 8.04       | 127.98               | 1,695.2       | -16.1         | 12.9          | 0.12                | 0.00                 | 0.86                | 6.9                    | -5.9                    |  |
| 1,711.0      | 8.05       | 127.85               | 1,709.1       | -17.3         | 14.4          | 0.15                | 0.07                 | -0.93               | 6.6                    | -5.9                    |  |
| 1,724.0      | 8.06       | 127.57               | 1,721.9       | -18.4         | 15.9          | 0.31                | 0.08                 | -2.15               | 6.4                    | -5.9                    |  |
| 1,738.0      | 8.06       | 127.20               | 1,735.8       | -19.6         | 17.4          | 0.37                | 0.00                 | -2.64               | 6.2                    | -6.0                    |  |
| 1,751.0      | 8.07       | 126.80               | 1,748.7       | -20.7         | 18.9          | 0.44                | 0.08                 | -3.08               | 6.0                    | -5.9                    |  |
| 1,765.0      | 8.07       | 126.41               | 1,762.5       | -21.9         | 20.5          | 0.39                | 0.00                 | -2.79               | 5.8                    | -5.9                    |  |
| 1,778.0      | 8.08       | 126.08               | 1,775.4       | -23.0         | 21.9          | 0.36                | 0.08                 | -2.54               | 5.6                    | -5.9                    |  |
| 1,792.0      | 8.07       | 125.85               | 1,789.3       | -24.1         | 23.5          | 0.24                | -0.07                | -1.64               | 5.3                    | -5.9                    |  |
| 1,806.0      | 8.06       | 125.81               | 1,803.1       | -25.3         | 25.1          | 0.08                | -0.07                | -0.29               | 5.1                    | -5.9                    |  |
| 1,819.0      | 8.05       | 125.88               | 1,816.0       | -26.3         | 26.6          | 0.11                | -0.08                | 0.54                | 4.8                    | -5.9                    |  |
| 1,833.0      | 8.03       | 126.02               | 1,829.9       | -27.5         | 28.2          | 0.20                | -0.14                | 1.00                | 4.5                    | -5.9                    |  |
| 1,846.0      | 8.01       | 126.18               | 1,842.7       | -28.6         | 29.6          | 0.23                | -0.15                | 1.23                | 4.3                    | -6.0                    |  |
| 1,860.0      | 7.99       | 126.33               | 1,856.6       | -29.7         | 31.2          | 0.21                | -0.14                | 1.07                | 4.0                    | -6.0                    |  |



Final PVA



|                  |                             |                                     |                       |
|------------------|-----------------------------|-------------------------------------|-----------------------|
| <b>Company:</b>  | Midland                     | <b>Local Co-ordinate Reference:</b> | Well #711H            |
| <b>Project:</b>  | Lea County, NM (NAD 83 NME) | <b>TVD Reference:</b>               | KB = 26' @ 3669.0usft |
| <b>Site:</b>     | Pegasus 3 Fed Com           | <b>MD Reference:</b>                | KB = 26' @ 3669.0usft |
| <b>Well:</b>     | #711H                       | <b>North Reference:</b>             | Grid                  |
| <b>Wellbore:</b> | OH                          | <b>Survey Calculation Method:</b>   | Minimum Curvature     |
| <b>Design:</b>   | OH                          | <b>Database:</b>                    | PEDM                  |

| Survey       |            |                      |               |               |               |                     |                      |                     |                        |                         |  |
|--------------|------------|----------------------|---------------|---------------|---------------|---------------------|----------------------|---------------------|------------------------|-------------------------|--|
| MD<br>(usft) | Inc<br>(°) | Azi (azimuth)<br>(°) | TVD<br>(usft) | N/S<br>(usft) | E/W<br>(usft) | DLeg<br>(°/100usft) | Build<br>(°/100usft) | Turn<br>(°/100usft) | High to Plan<br>(usft) | Right to Plan<br>(usft) |  |
| 1,873.0      | 7.97       | 126.44               | 1,869.5       | -30.8         | 32.7          | 0.19                | -0.15                | 0.85                | 3.8                    | -6.0                    |  |
| 1,887.0      | 7.95       | 126.45               | 1,883.3       | -31.9         | 34.2          | 0.14                | -0.14                | 0.07                | 3.6                    | -6.0                    |  |
| 1,901.0      | 7.93       | 126.29               | 1,897.2       | -33.1         | 35.8          | 0.21                | -0.14                | -1.14               | 3.4                    | -6.1                    |  |
| 1,914.0      | 7.91       | 126.02               | 1,910.1       | -34.1         | 37.2          | 0.32                | -0.15                | -2.08               | 3.2                    | -6.1                    |  |
| 1,928.0      | 7.89       | 125.70               | 1,923.9       | -35.3         | 38.8          | 0.35                | -0.14                | -2.29               | 3.0                    | -6.0                    |  |
| 1,942.0      | 7.87       | 125.34               | 1,937.8       | -36.4         | 40.4          | 0.38                | -0.14                | -2.57               | 2.8                    | -6.0                    |  |
| 1,956.0      | 7.86       | 124.98               | 1,951.7       | -37.5         | 41.9          | 0.36                | -0.07                | -2.57               | 2.6                    | -6.0                    |  |
| 1,969.0      | 7.86       | 124.64               | 1,964.6       | -38.5         | 43.4          | 0.36                | 0.00                 | -2.62               | 2.5                    | -6.0                    |  |
| 1,983.0      | 7.86       | 124.35               | 1,978.4       | -39.6         | 45.0          | 0.28                | 0.00                 | -2.07               | 2.3                    | -5.9                    |  |
| 1,997.0      | 7.89       | 124.13               | 1,992.3       | -40.7         | 46.5          | 0.30                | 0.21                 | -1.57               | 2.1                    | -5.9                    |  |
| 2,010.0      | 7.92       | 123.97               | 2,005.2       | -41.7         | 48.0          | 0.29                | 0.23                 | -1.23               | 1.9                    | -5.8                    |  |
| 2,024.0      | 7.95       | 123.86               | 2,019.0       | -42.7         | 49.6          | 0.24                | 0.21                 | -0.79               | 1.7                    | -5.8                    |  |
| 2,037.0      | 7.99       | 123.80               | 2,031.9       | -43.7         | 51.1          | 0.31                | 0.31                 | -0.46               | 1.5                    | -5.7                    |  |
| 2,051.0      | 8.04       | 123.78               | 2,045.8       | -44.8         | 52.7          | 0.36                | 0.36                 | -0.14               | 1.2                    | -5.6                    |  |
| 2,064.0      | 8.08       | 123.81               | 2,058.6       | -45.8         | 54.3          | 0.31                | 0.31                 | 0.23                | 1.0                    | -5.6                    |  |
| 2,078.0      | 8.12       | 123.92               | 2,072.5       | -46.9         | 55.9          | 0.31                | 0.29                 | 0.79                | 0.7                    | -5.5                    |  |
| 2,092.0      | 8.15       | 124.15               | 2,086.4       | -48.1         | 57.5          | 0.32                | 0.21                 | 1.64                | 0.4                    | -5.5                    |  |
| 2,105.0      | 8.18       | 124.44               | 2,099.2       | -49.1         | 59.1          | 0.39                | 0.23                 | 2.23                | 0.1                    | -5.5                    |  |
| 2,119.0      | 8.21       | 124.77               | 2,113.1       | -50.2         | 60.7          | 0.40                | 0.21                 | 2.36                | -0.2                   | -5.4                    |  |
| 2,133.0      | 8.23       | 125.13               | 2,127.0       | -51.4         | 62.4          | 0.39                | 0.14                 | 2.57                | -0.5                   | -5.4                    |  |
| 2,147.0      | 8.24       | 125.50               | 2,140.8       | -52.5         | 64.0          | 0.39                | 0.07                 | 2.64                | -0.9                   | -5.4                    |  |
| 2,160.0      | 8.24       | 125.86               | 2,153.7       | -53.6         | 65.5          | 0.40                | 0.00                 | 2.77                | -1.2                   | -5.4                    |  |
| 2,174.0      | 8.23       | 126.20               | 2,167.5       | -54.8         | 67.1          | 0.36                | -0.07                | 2.43                | -1.5                   | -5.4                    |  |
| 2,188.0      | 8.20       | 126.48               | 2,181.4       | -56.0         | 68.7          | 0.36                | -0.21                | 2.00                | -1.9                   | -5.4                    |  |
| 2,201.0      | 8.15       | 126.74               | 2,194.3       | -57.1         | 70.2          | 0.48                | -0.38                | 2.00                | -2.1                   | -5.4                    |  |
| 2,215.0      | 8.10       | 126.97               | 2,208.1       | -58.3         | 71.8          | 0.43                | -0.36                | 1.64                | -2.4                   | -5.4                    |  |
| 2,229.0      | 8.05       | 127.19               | 2,222.0       | -59.5         | 73.4          | 0.42                | -0.36                | 1.57                | -2.7                   | -5.5                    |  |

|                  |                             |                                     |                       |
|------------------|-----------------------------|-------------------------------------|-----------------------|
| <b>Company:</b>  | Midland                     | <b>Local Co-ordinate Reference:</b> | Well #711H            |
| <b>Project:</b>  | Lea County, NM (NAD 83 NME) | <b>TVD Reference:</b>               | KB = 26' @ 3669.0usft |
| <b>Site:</b>     | Pegasus 3 Fed Com           | <b>MD Reference:</b>                | KB = 26' @ 3669.0usft |
| <b>Well:</b>     | #711H                       | <b>North Reference:</b>             | Grid                  |
| <b>Wellbore:</b> | OH                          | <b>Survey Calculation Method:</b>   | Minimum Curvature     |
| <b>Design:</b>   | OH                          | <b>Database:</b>                    | PEDM                  |

| Survey       |            |                      |               |               |               |                     |                      |                     |                        |                         |  |
|--------------|------------|----------------------|---------------|---------------|---------------|---------------------|----------------------|---------------------|------------------------|-------------------------|--|
| MD<br>(usft) | Inc<br>(°) | Azi (azimuth)<br>(°) | TVD<br>(usft) | N/S<br>(usft) | E/W<br>(usft) | DLeg<br>(°/100usft) | Build<br>(°/100usft) | Turn<br>(°/100usft) | High to Plan<br>(usft) | Right to Plan<br>(usft) |  |
| 2,243.0      | 8.00       | 127.39               | 2,235.8       | -60.6         | 74.9          | 0.41                | -0.36                | 1.43                | -3.0                   | -5.5                    |  |
| 2,256.0      | 7.95       | 127.57               | 2,248.7       | -61.7         | 76.4          | 0.43                | -0.38                | 1.38                | -3.2                   | -5.6                    |  |
| 2,270.0      | 7.93       | 127.72               | 2,262.6       | -62.9         | 77.9          | 0.21                | -0.14                | 1.07                | -3.5                   | -5.6                    |  |
| 2,284.0      | 7.93       | 127.81               | 2,276.4       | -64.1         | 79.4          | 0.09                | 0.00                 | 0.64                | -3.7                   | -5.7                    |  |
| 2,297.0      | 7.95       | 127.88               | 2,289.3       | -65.2         | 80.8          | 0.17                | 0.15                 | 0.54                | -3.9                   | -5.7                    |  |
| 2,311.0      | 7.98       | 127.94               | 2,303.2       | -66.4         | 82.4          | 0.22                | 0.21                 | 0.43                | -4.2                   | -5.8                    |  |
| 2,324.0      | 8.02       | 127.98               | 2,316.1       | -67.5         | 83.8          | 0.31                | 0.31                 | 0.31                | -4.4                   | -5.8                    |  |
| 2,338.0      | 8.06       | 128.03               | 2,329.9       | -68.7         | 85.3          | 0.29                | 0.29                 | 0.36                | -4.7                   | -5.9                    |  |
| 2,351.0      | 8.10       | 128.10               | 2,342.8       | -69.8         | 86.8          | 0.32                | 0.31                 | 0.54                | -4.9                   | -6.0                    |  |
| 2,365.0      | 8.15       | 128.19               | 2,356.6       | -71.1         | 88.3          | 0.37                | 0.36                 | 0.64                | -5.2                   | -6.0                    |  |
| 2,379.0      | 8.18       | 128.32               | 2,370.5       | -72.3         | 89.9          | 0.25                | 0.21                 | 0.93                | -5.5                   | -6.1                    |  |
| 2,392.0      | 8.22       | 128.48               | 2,383.4       | -73.4         | 91.3          | 0.35                | 0.31                 | 1.23                | -5.8                   | -6.2                    |  |
| 2,406.0      | 8.25       | 128.65               | 2,397.2       | -74.7         | 92.9          | 0.28                | 0.21                 | 1.21                | -6.1                   | -6.2                    |  |
| 2,420.0      | 8.28       | 128.82               | 2,411.1       | -76.0         | 94.5          | 0.28                | 0.21                 | 1.21                | -6.5                   | -6.3                    |  |
| 2,434.0      | 8.32       | 129.00               | 2,424.9       | -77.2         | 96.1          | 0.34                | 0.29                 | 1.29                | -6.8                   | -6.4                    |  |
| 2,447.0      | 8.35       | 129.16               | 2,437.8       | -78.4         | 97.5          | 0.29                | 0.23                 | 1.23                | -7.1                   | -6.5                    |  |
| 2,461.0      | 8.39       | 129.30               | 2,451.7       | -79.7         | 99.1          | 0.32                | 0.29                 | 1.00                | -7.5                   | -6.5                    |  |
| 2,475.0      | 8.43       | 129.42               | 2,465.5       | -81.0         | 100.7         | 0.31                | 0.29                 | 0.86                | -7.8                   | -6.6                    |  |
| 2,488.0      | 8.47       | 129.51               | 2,478.4       | -82.2         | 102.2         | 0.32                | 0.31                 | 0.69                | -8.2                   | -6.7                    |  |
| 2,502.0      | 8.51       | 129.59               | 2,492.2       | -83.5         | 103.7         | 0.30                | 0.29                 | 0.57                | -8.6                   | -6.8                    |  |
| 2,516.0      | 8.56       | 129.67               | 2,506.1       | -84.9         | 105.3         | 0.37                | 0.36                 | 0.57                | -9.0                   | -6.9                    |  |
| 2,530.0      | 8.60       | 129.74               | 2,519.9       | -86.2         | 107.0         | 0.30                | 0.29                 | 0.50                | -9.4                   | -7.1                    |  |
| 2,543.0      | 8.63       | 129.82               | 2,532.7       | -87.4         | 108.4         | 0.25                | 0.23                 | 0.62                | -9.7                   | -7.2                    |  |
| 2,557.0      | 8.66       | 129.91               | 2,546.6       | -88.8         | 110.1         | 0.24                | 0.21                 | 0.64                | -10.1                  | -7.3                    |  |
| 2,571.0      | 8.67       | 130.01               | 2,560.4       | -90.1         | 111.7         | 0.13                | 0.07                 | 0.71                | -10.6                  | -7.4                    |  |
| 2,584.0      | 8.68       | 130.12               | 2,573.3       | -91.4         | 113.2         | 0.15                | 0.08                 | 0.85                | -11.0                  | -7.5                    |  |
| 2,598.0      | 8.69       | 130.25               | 2,587.1       | -92.8         | 114.8         | 0.16                | 0.07                 | 0.93                | -11.4                  | -7.6                    |  |



Final PVA



|                  |                             |                                     |                       |
|------------------|-----------------------------|-------------------------------------|-----------------------|
| <b>Company:</b>  | Midland                     | <b>Local Co-ordinate Reference:</b> | Well #711H            |
| <b>Project:</b>  | Lea County, NM (NAD 83 NME) | <b>TVD Reference:</b>               | KB = 26' @ 3669.0usft |
| <b>Site:</b>     | Pegasus 3 Fed Com           | <b>MD Reference:</b>                | KB = 26' @ 3669.0usft |
| <b>Well:</b>     | #711H                       | <b>North Reference:</b>             | Grid                  |
| <b>Wellbore:</b> | OH                          | <b>Survey Calculation Method:</b>   | Minimum Curvature     |
| <b>Design:</b>   | OH                          | <b>Database:</b>                    | PEDM                  |

| Survey       |            |                      |               |               |               |                     |                      |                     |                        |                         |
|--------------|------------|----------------------|---------------|---------------|---------------|---------------------|----------------------|---------------------|------------------------|-------------------------|
| MD<br>(usft) | Inc<br>(°) | Azi (azimuth)<br>(°) | TVD<br>(usft) | N/S<br>(usft) | E/W<br>(usft) | DLeg<br>(°/100usft) | Build<br>(°/100usft) | Turn<br>(°/100usft) | High to Plan<br>(usft) | Right to Plan<br>(usft) |
| 2,611.0      | 8.69       | 130.38               | 2,600.0       | -94.0         | 116.3         | 0.15                | 0.00                 | 1.00                | -11.8                  | -7.7                    |
| 2,625.0      | 8.71       | 130.53               | 2,613.8       | -95.4         | 117.9         | 0.22                | 0.14                 | 1.07                | -12.3                  | -7.8                    |
| 2,638.0      | 8.74       | 130.70               | 2,626.7       | -96.7         | 119.4         | 0.30                | 0.23                 | 1.31                | -12.7                  | -7.9                    |
| 2,652.0      | 8.80       | 130.90               | 2,640.5       | -98.1         | 121.0         | 0.48                | 0.43                 | 1.43                | -13.1                  | -8.0                    |
| 2,666.0      | 8.89       | 131.14               | 2,654.3       | -99.5         | 122.6         | 0.69                | 0.64                 | 1.71                | -13.6                  | -8.1                    |
| 2,679.0      | 9.00       | 131.38               | 2,667.2       | -100.8        | 124.2         | 0.89                | 0.85                 | 1.85                | -14.1                  | -8.2                    |
| 2,693.0      | 9.11       | 131.61               | 2,681.0       | -102.3        | 125.8         | 0.83                | 0.79                 | 1.64                | -14.7                  | -8.3                    |
| 2,706.0      | 9.22       | 131.80               | 2,693.8       | -103.7        | 127.4         | 0.88                | 0.85                 | 1.46                | -15.2                  | -8.4                    |
| 2,720.0      | 9.32       | 131.92               | 2,707.6       | -105.2        | 129.0         | 0.73                | 0.71                 | 0.86                | -15.8                  | -8.6                    |
| 2,733.0      | 8.94       | 130.80               | 2,720.5       | -106.5        | 130.6         | 3.23                | -2.92                | -8.62               | -16.1                  | -9.1                    |
| 2,747.0      | 7.86       | 127.32               | 2,734.3       | -107.8        | 132.2         | 8.52                | -7.71                | -24.86              | -15.9                  | -10.1                   |
| 2,761.0      | 7.84       | 126.92               | 2,748.2       | -109.0        | 133.7         | 0.42                | -0.14                | -2.86               | -16.0                  | -10.3                   |
| 2,774.0      | 7.78       | 126.39               | 2,761.1       | -110.0        | 135.1         | 0.72                | -0.46                | -4.08               | -16.1                  | -10.5                   |
| 2,788.0      | 7.72       | 125.78               | 2,775.0       | -111.2        | 136.6         | 0.73                | -0.43                | -4.36               | -16.2                  | -10.6                   |
| 2,802.0      | 7.65       | 125.14               | 2,788.8       | -112.2        | 138.2         | 0.79                | -0.50                | -4.57               | -16.2                  | -10.8                   |
| 2,816.0      | 7.58       | 124.53               | 2,802.7       | -113.3        | 139.7         | 0.76                | -0.50                | -4.36               | -16.2                  | -11.0                   |
| 2,829.0      | 7.52       | 124.02               | 2,815.6       | -114.3        | 141.1         | 0.69                | -0.46                | -3.92               | -16.3                  | -11.1                   |
| 2,843.0      | 7.09       | 118.65               | 2,829.5       | -115.2        | 142.6         | 5.76                | -3.07                | -38.36              | -15.3                  | -12.4                   |
| 2,857.0      | 6.56       | 114.02               | 2,843.4       | -115.9        | 144.1         | 5.45                | -3.79                | -33.07              | -14.2                  | -13.3                   |
| 2,870.0      | 6.56       | 113.98               | 2,856.3       | -116.5        | 145.5         | 0.04                | 0.00                 | -0.31               | -14.1                  | -13.0                   |
| 2,884.0      | 6.58       | 114.02               | 2,870.2       | -117.2        | 146.9         | 0.15                | 0.14                 | 0.29                | -14.1                  | -12.6                   |
| 2,897.0      | 6.60       | 114.11               | 2,883.1       | -117.8        | 148.3         | 0.17                | 0.15                 | 0.69                | -14.0                  | -12.3                   |
| 2,911.0      | 6.63       | 114.23               | 2,897.0       | -118.5        | 149.8         | 0.24                | 0.21                 | 0.86                | -14.0                  | -11.9                   |
| 2,924.0      | 6.66       | 114.36               | 2,909.9       | -119.1        | 151.1         | 0.26                | 0.23                 | 1.00                | -14.0                  | -11.6                   |
| 2,938.0      | 6.69       | 114.47               | 2,923.8       | -119.7        | 152.6         | 0.23                | 0.21                 | 0.79                | -13.9                  | -11.2                   |
| 2,952.0      | 6.73       | 114.56               | 2,937.7       | -120.4        | 154.1         | 0.30                | 0.29                 | 0.64                | -13.9                  | -10.9                   |
| 2,965.0      | 6.76       | 114.64               | 2,950.7       | -121.1        | 155.5         | 0.24                | 0.23                 | 0.62                | -13.9                  | -10.6                   |



Final PVA



|                  |                             |                                     |                       |
|------------------|-----------------------------|-------------------------------------|-----------------------|
| <b>Company:</b>  | Midland                     | <b>Local Co-ordinate Reference:</b> | Well #711H            |
| <b>Project:</b>  | Lea County, NM (NAD 83 NME) | <b>TVD Reference:</b>               | KB = 26' @ 3669.0usft |
| <b>Site:</b>     | Pegasus 3 Fed Com           | <b>MD Reference:</b>                | KB = 26' @ 3669.0usft |
| <b>Well:</b>     | #711H                       | <b>North Reference:</b>             | Grid                  |
| <b>Wellbore:</b> | OH                          | <b>Survey Calculation Method:</b>   | Minimum Curvature     |
| <b>Design:</b>   | OH                          | <b>Database:</b>                    | PEDM                  |

| Survey       |            |                      |               |               |               |                     |                      |                     |                        |                         |
|--------------|------------|----------------------|---------------|---------------|---------------|---------------------|----------------------|---------------------|------------------------|-------------------------|
| MD<br>(usft) | Inc<br>(°) | Azi (azimuth)<br>(°) | TVD<br>(usft) | N/S<br>(usft) | E/W<br>(usft) | DLeg<br>(°/100usft) | Build<br>(°/100usft) | Turn<br>(°/100usft) | High to Plan<br>(usft) | Right to Plan<br>(usft) |
| 2,979.0      | 6.80       | 114.71               | 2,964.6       | -121.8        | 157.0         | 0.29                | 0.29                 | 0.50                | -13.9                  | -10.2                   |
| 2,993.0      | 6.83       | 114.78               | 2,978.5       | -122.4        | 158.5         | 0.22                | 0.21                 | 0.50                | -13.9                  | -9.9                    |
| 3,007.0      | 6.86       | 114.87               | 2,992.4       | -123.1        | 160.0         | 0.23                | 0.21                 | 0.64                | -13.9                  | -9.5                    |
| 3,020.0      | 6.89       | 114.98               | 3,005.3       | -123.8        | 161.4         | 0.25                | 0.23                 | 0.85                | -13.9                  | -9.2                    |
| 3,034.0      | 6.91       | 115.12               | 3,019.2       | -124.5        | 162.9         | 0.19                | 0.14                 | 1.00                | -13.9                  | -8.9                    |
| 3,047.0      | 6.93       | 115.31               | 3,032.1       | -125.2        | 164.4         | 0.23                | 0.15                 | 1.46                | -14.0                  | -8.5                    |
| 3,061.0      | 6.94       | 115.53               | 3,046.0       | -125.9        | 165.9         | 0.20                | 0.07                 | 1.57                | -14.0                  | -8.2                    |
| 3,074.0      | 6.94       | 115.78               | 3,058.9       | -126.6        | 167.3         | 0.23                | 0.00                 | 1.92                | -14.1                  | -7.8                    |
| 3,088.0      | 6.95       | 116.05               | 3,072.8       | -127.3        | 168.8         | 0.24                | 0.07                 | 1.93                | -14.1                  | -7.5                    |
| 3,101.0      | 6.95       | 116.34               | 3,085.7       | -128.0        | 170.2         | 0.27                | 0.00                 | 2.23                | -14.2                  | -7.2                    |
| 3,115.0      | 6.95       | 116.64               | 3,099.6       | -128.8        | 171.8         | 0.26                | 0.00                 | 2.14                | -14.2                  | -6.8                    |
| 3,128.0      | 6.95       | 116.97               | 3,112.5       | -129.5        | 173.2         | 0.31                | 0.00                 | 2.54                | -14.3                  | -6.5                    |
| 3,142.0      | 6.95       | 117.31               | 3,126.4       | -130.3        | 174.7         | 0.29                | 0.00                 | 2.43                | -14.3                  | -6.1                    |
| 3,155.0      | 6.94       | 117.67               | 3,139.3       | -131.0        | 176.1         | 0.34                | -0.08                | 2.77                | -14.3                  | -5.8                    |
| 3,169.0      | 6.94       | 118.04               | 3,153.2       | -131.8        | 177.6         | 0.32                | 0.00                 | 2.64                | -14.4                  | -5.5                    |
| 3,182.0      | 6.93       | 118.41               | 3,166.1       | -132.5        | 178.9         | 0.35                | -0.08                | 2.85                | -14.4                  | -5.2                    |
| 3,196.0      | 6.91       | 118.80               | 3,180.0       | -133.3        | 180.4         | 0.36                | -0.14                | 2.79                | -14.4                  | -4.9                    |
| 3,209.0      | 6.89       | 119.18               | 3,192.9       | -134.1        | 181.8         | 0.38                | -0.15                | 2.92                | -14.5                  | -4.6                    |
| 3,223.0      | 6.86       | 119.57               | 3,206.8       | -134.9        | 183.2         | 0.40                | -0.21                | 2.79                | -14.5                  | -4.3                    |
| 3,237.0      | 6.81       | 119.95               | 3,220.7       | -135.7        | 184.7         | 0.48                | -0.36                | 2.71                | -14.5                  | -4.1                    |
| 3,250.0      | 6.75       | 120.33               | 3,233.6       | -136.5        | 186.0         | 0.58                | -0.46                | 2.92                | -14.5                  | -3.8                    |
| 3,264.0      | 6.69       | 120.70               | 3,247.5       | -137.3        | 187.4         | 0.53                | -0.43                | 2.64                | -14.4                  | -3.6                    |
| 3,277.0      | 6.61       | 121.07               | 3,260.4       | -138.1        | 188.7         | 0.70                | -0.62                | 2.85                | -14.4                  | -3.4                    |
| 3,291.0      | 6.53       | 121.41               | 3,274.3       | -138.9        | 190.1         | 0.64                | -0.57                | 2.43                | -14.3                  | -3.1                    |
| 3,304.0      | 6.44       | 121.73               | 3,287.2       | -139.7        | 191.3         | 0.75                | -0.69                | 2.46                | -14.2                  | -2.9                    |
| 3,318.0      | 6.34       | 121.99               | 3,301.1       | -140.5        | 192.7         | 0.74                | -0.71                | 1.86                | -14.1                  | -2.8                    |
| 3,332.0      | 6.22       | 122.13               | 3,315.1       | -141.3        | 194.0         | 0.86                | -0.86                | 1.00                | -13.9                  | -2.6                    |



Final PVA



|                  |                             |                                     |                       |
|------------------|-----------------------------|-------------------------------------|-----------------------|
| <b>Company:</b>  | Midland                     | <b>Local Co-ordinate Reference:</b> | Well #711H            |
| <b>Project:</b>  | Lea County, NM (NAD 83 NME) | <b>TVD Reference:</b>               | KB = 26' @ 3669.0usft |
| <b>Site:</b>     | Pegasus 3 Fed Com           | <b>MD Reference:</b>                | KB = 26' @ 3669.0usft |
| <b>Well:</b>     | #711H                       | <b>North Reference:</b>             | Grid                  |
| <b>Wellbore:</b> | OH                          | <b>Survey Calculation Method:</b>   | Minimum Curvature     |
| <b>Design:</b>   | OH                          | <b>Database:</b>                    | PEDM                  |

| Survey       |            |                      |               |               |               |                     |                      |                     |                        |                         |
|--------------|------------|----------------------|---------------|---------------|---------------|---------------------|----------------------|---------------------|------------------------|-------------------------|
| MD<br>(usft) | Inc<br>(°) | Azi (azimuth)<br>(°) | TVD<br>(usft) | N/S<br>(usft) | E/W<br>(usft) | DLeg<br>(°/100usft) | Build<br>(°/100usft) | Turn<br>(°/100usft) | High to Plan<br>(usft) | Right to Plan<br>(usft) |
| 3,345.0      | 6.10       | 122.22               | 3,328.0       | -142.1        | 195.1         | 0.93                | -0.92                | 0.69                | -13.7                  | -2.5                    |
| 3,359.0      | 5.97       | 122.27               | 3,341.9       | -142.9        | 196.4         | 0.93                | -0.93                | 0.36                | -13.5                  | -2.4                    |
| 3,373.0      | 5.83       | 122.31               | 3,355.8       | -143.6        | 197.6         | 1.00                | -1.00                | 0.29                | -13.2                  | -2.3                    |
| 3,387.0      | 5.70       | 122.34               | 3,369.8       | -144.4        | 198.8         | 0.93                | -0.93                | 0.21                | -12.9                  | -2.2                    |
| 3,400.0      | 5.56       | 122.41               | 3,382.7       | -145.1        | 199.9         | 1.08                | -1.08                | 0.54                | -12.6                  | -2.1                    |
| 3,414.0      | 5.43       | 122.53               | 3,396.6       | -145.8        | 201.0         | 0.93                | -0.93                | 0.86                | -12.2                  | -2.0                    |
| 3,428.0      | 5.29       | 122.78               | 3,410.6       | -146.5        | 202.1         | 1.01                | -1.00                | 1.79                | -11.9                  | -1.8                    |
| 3,441.0      | 5.17       | 123.10               | 3,423.5       | -147.1        | 203.1         | 0.95                | -0.92                | 2.46                | -11.5                  | -1.7                    |
| 3,455.0      | 5.04       | 123.50               | 3,437.5       | -147.8        | 204.1         | 0.96                | -0.93                | 2.86                | -11.0                  | -1.5                    |
| 3,468.0      | 4.93       | 123.95               | 3,450.4       | -148.5        | 205.1         | 0.90                | -0.85                | 3.46                | -10.6                  | -1.4                    |
| 3,482.0      | 4.83       | 124.47               | 3,464.4       | -149.1        | 206.1         | 0.78                | -0.71                | 3.71                | -10.1                  | -1.3                    |
| 3,495.0      | 4.74       | 125.07               | 3,477.3       | -149.7        | 207.0         | 0.79                | -0.69                | 4.62                | -9.6                   | -1.1                    |
| 3,509.0      | 4.69       | 125.76               | 3,491.3       | -150.4        | 207.9         | 0.54                | -0.36                | 4.93                | -9.0                   | -1.0                    |
| 3,523.0      | 4.67       | 126.56               | 3,505.2       | -151.1        | 208.8         | 0.49                | -0.14                | 5.71                | -8.5                   | -0.9                    |
| 3,536.0      | 4.68       | 127.43               | 3,518.2       | -151.7        | 209.7         | 0.55                | 0.08                 | 6.69                | -8.0                   | -0.8                    |
| 3,550.0      | 4.71       | 128.31               | 3,532.1       | -152.4        | 210.6         | 0.56                | 0.21                 | 6.29                | -7.4                   | -0.8                    |
| 3,564.0      | 4.75       | 129.16               | 3,546.1       | -153.1        | 211.5         | 0.58                | 0.29                 | 6.07                | -6.9                   | -0.8                    |
| 3,578.0      | 4.80       | 129.95               | 3,560.0       | -153.9        | 212.4         | 0.59                | 0.36                 | 5.64                | -6.3                   | -0.8                    |
| 3,591.0      | 5.25       | 128.17               | 3,573.0       | -154.6        | 213.3         | 3.66                | 3.46                 | -13.69              | -5.9                   | -1.1                    |
| 3,605.0      | 6.06       | 125.35               | 3,586.9       | -155.4        | 214.4         | 6.11                | 5.79                 | -20.14              | -5.5                   | -1.4                    |
| 3,619.0      | 6.12       | 125.78               | 3,600.8       | -156.3        | 215.6         | 0.54                | 0.43                 | 3.07                | -5.3                   | -1.3                    |
| 3,632.0      | 6.18       | 126.17               | 3,613.8       | -157.1        | 216.7         | 0.56                | 0.46                 | 3.00                | -5.1                   | -1.3                    |
| 3,646.0      | 6.24       | 126.53               | 3,627.7       | -158.0        | 217.9         | 0.51                | 0.43                 | 2.57                | -4.9                   | -1.3                    |
| 3,660.0      | 6.29       | 126.86               | 3,641.6       | -158.9        | 219.1         | 0.44                | 0.36                 | 2.36                | -4.7                   | -1.3                    |
| 3,674.0      | 6.33       | 127.18               | 3,655.5       | -159.8        | 220.4         | 0.38                | 0.29                 | 2.29                | -4.6                   | -1.3                    |
| 3,687.0      | 6.34       | 127.47               | 3,668.4       | -160.7        | 221.5         | 0.26                | 0.08                 | 2.23                | -4.4                   | -1.3                    |
| 3,701.0      | 6.32       | 127.77               | 3,682.4       | -161.7        | 222.7         | 0.28                | -0.14                | 2.14                | -4.3                   | -1.4                    |



Final PVA



|                  |                             |                                     |                       |
|------------------|-----------------------------|-------------------------------------|-----------------------|
| <b>Company:</b>  | Midland                     | <b>Local Co-ordinate Reference:</b> | Well #711H            |
| <b>Project:</b>  | Lea County, NM (NAD 83 NME) | <b>TVD Reference:</b>               | KB = 26' @ 3669.0usft |
| <b>Site:</b>     | Pegasus 3 Fed Com           | <b>MD Reference:</b>                | KB = 26' @ 3669.0usft |
| <b>Well:</b>     | #711H                       | <b>North Reference:</b>             | Grid                  |
| <b>Wellbore:</b> | OH                          | <b>Survey Calculation Method:</b>   | Minimum Curvature     |
| <b>Design:</b>   | OH                          | <b>Database:</b>                    | PEDM                  |

| Survey       |            |                      |               |               |               |                     |                      |                     |                        |                         |  |
|--------------|------------|----------------------|---------------|---------------|---------------|---------------------|----------------------|---------------------|------------------------|-------------------------|--|
| MD<br>(usft) | Inc<br>(°) | Azi (azimuth)<br>(°) | TVD<br>(usft) | N/S<br>(usft) | E/W<br>(usft) | DLeg<br>(°/100usft) | Build<br>(°/100usft) | Turn<br>(°/100usft) | High to Plan<br>(usft) | Right to Plan<br>(usft) |  |
| 3,715.0      | 6.25       | 128.06               | 3,696.3       | -162.6        | 223.9         | 0.55                | -0.50                | 2.07                | -4.1                   | -1.4                    |  |
| 3,728.0      | 6.13       | 128.35               | 3,709.2       | -163.5        | 225.0         | 0.95                | -0.92                | 2.23                | -3.9                   | -1.5                    |  |
| 3,742.0      | 6.00       | 128.62               | 3,723.1       | -164.4        | 226.2         | 0.95                | -0.93                | 1.93                | -3.7                   | -1.5                    |  |
| 3,756.0      | 5.86       | 128.86               | 3,737.0       | -165.3        | 227.3         | 1.02                | -1.00                | 1.71                | -3.5                   | -1.6                    |  |
| 3,770.0      | 5.71       | 129.04               | 3,751.0       | -166.2        | 228.4         | 1.08                | -1.07                | 1.29                | -3.2                   | -1.7                    |  |
| 3,783.0      | 5.56       | 129.12               | 3,763.9       | -167.0        | 229.4         | 1.16                | -1.15                | 0.62                | -2.9                   | -1.8                    |  |
| 3,797.0      | 5.43       | 129.04               | 3,777.8       | -167.8        | 230.5         | 0.93                | -0.93                | -0.57               | -2.5                   | -1.9                    |  |
| 3,811.0      | 5.33       | 128.72               | 3,791.8       | -168.7        | 231.5         | 0.75                | -0.71                | -2.29               | -2.1                   | -2.0                    |  |
| 3,824.0      | 5.24       | 128.23               | 3,804.7       | -169.4        | 232.4         | 0.77                | -0.69                | -3.77               | -1.7                   | -2.1                    |  |
| 3,838.0      | 5.17       | 127.64               | 3,818.7       | -170.2        | 233.4         | 0.63                | -0.50                | -4.21               | -1.2                   | -2.2                    |  |
| 3,851.0      | 5.10       | 127.00               | 3,831.6       | -170.9        | 234.3         | 0.70                | -0.54                | -4.92               | -0.8                   | -2.2                    |  |
| 3,865.0      | 5.04       | 126.36               | 3,845.6       | -171.6        | 235.3         | 0.59                | -0.43                | -4.57               | -0.3                   | -2.3                    |  |
| 3,878.0      | 5.41       | 123.40               | 3,858.5       | -172.3        | 236.3         | 3.52                | 2.85                 | -22.77              | 0.2                    | -2.2                    |  |
| 3,892.0      | 6.33       | 118.78               | 3,872.4       | -173.0        | 237.5         | 7.38                | 6.57                 | -33.00              | 0.7                    | -2.1                    |  |
| 3,906.0      | 6.26       | 118.43               | 3,886.3       | -173.8        | 238.9         | 0.57                | -0.50                | -2.50               | 0.8                    | -1.9                    |  |
| 3,919.0      | 6.20       | 118.08               | 3,899.3       | -174.4        | 240.1         | 0.55                | -0.46                | -2.69               | 1.0                    | -1.6                    |  |
| 3,933.0      | 6.14       | 117.73               | 3,913.2       | -175.1        | 241.5         | 0.51                | -0.43                | -2.50               | 1.2                    | -1.4                    |  |
| 3,947.0      | 6.08       | 117.38               | 3,927.1       | -175.8        | 242.8         | 0.50                | -0.43                | -2.50               | 1.4                    | -1.2                    |  |
| 3,961.0      | 6.03       | 117.02               | 3,941.0       | -176.5        | 244.1         | 0.45                | -0.36                | -2.57               | 1.6                    | -0.9                    |  |
| 3,974.0      | 6.00       | 116.66               | 3,954.0       | -177.1        | 245.3         | 0.37                | -0.23                | -2.77               | 1.8                    | -0.7                    |  |
| 3,988.0      | 5.99       | 116.28               | 3,967.9       | -177.8        | 246.6         | 0.29                | -0.07                | -2.71               | 2.1                    | -0.4                    |  |
| 4,002.0      | 6.01       | 115.89               | 3,981.8       | -178.4        | 247.9         | 0.32                | 0.14                 | -2.79               | 2.3                    | -0.1                    |  |
| 4,015.0      | 6.05       | 115.51               | 3,994.7       | -179.0        | 249.2         | 0.43                | 0.31                 | -2.92               | 2.5                    | 0.2                     |  |
| 4,029.0      | 6.10       | 115.16               | 4,008.7       | -179.6        | 250.5         | 0.44                | 0.36                 | -2.50               | 2.7                    | 0.5                     |  |
| 4,043.0      | 6.16       | 114.89               | 4,022.6       | -180.3        | 251.9         | 0.48                | 0.43                 | -1.93               | 2.9                    | 0.9                     |  |
| 4,057.0      | 6.23       | 114.71               | 4,036.5       | -180.9        | 253.2         | 0.52                | 0.50                 | -1.29               | 3.0                    | 1.2                     |  |
| 4,070.0      | 6.31       | 114.69               | 4,049.4       | -181.5        | 254.5         | 0.62                | 0.62                 | -0.15               | 3.2                    | 1.5                     |  |



Final PVA



|                  |                             |                                     |                       |
|------------------|-----------------------------|-------------------------------------|-----------------------|
| <b>Company:</b>  | Midland                     | <b>Local Co-ordinate Reference:</b> | Well #711H            |
| <b>Project:</b>  | Lea County, NM (NAD 83 NME) | <b>TVD Reference:</b>               | KB = 26' @ 3669.0usft |
| <b>Site:</b>     | Pegasus 3 Fed Com           | <b>MD Reference:</b>                | KB = 26' @ 3669.0usft |
| <b>Well:</b>     | #711H                       | <b>North Reference:</b>             | Grid                  |
| <b>Wellbore:</b> | OH                          | <b>Survey Calculation Method:</b>   | Minimum Curvature     |
| <b>Design:</b>   | OH                          | <b>Database:</b>                    | PEDM                  |

| Survey       |            |                      |               |               |               |                     |                      |                     |                        |                         |
|--------------|------------|----------------------|---------------|---------------|---------------|---------------------|----------------------|---------------------|------------------------|-------------------------|
| MD<br>(usft) | Inc<br>(°) | Azi (azimuth)<br>(°) | TVD<br>(usft) | N/S<br>(usft) | E/W<br>(usft) | DLeg<br>(°/100usft) | Build<br>(°/100usft) | Turn<br>(°/100usft) | High to Plan<br>(usft) | Right to Plan<br>(usft) |
| 4,084.0      | 6.39       | 114.89               | 4,063.3       | -182.2        | 255.9         | 0.59                | 0.57                 | 1.43                | 3.3                    | 1.8                     |
| 4,098.0      | 6.48       | 115.42               | 4,077.2       | -182.8        | 257.3         | 0.77                | 0.64                 | 3.79                | 3.4                    | 2.1                     |
| 4,111.0      | 6.57       | 116.14               | 4,090.2       | -183.5        | 258.7         | 0.94                | 0.69                 | 5.54                | 3.5                    | 2.3                     |
| 4,125.0      | 6.66       | 116.98               | 4,104.1       | -184.2        | 260.1         | 0.94                | 0.64                 | 6.00                | 3.6                    | 2.5                     |
| 4,139.0      | 6.76       | 117.86               | 4,118.0       | -184.9        | 261.6         | 1.02                | 0.71                 | 6.29                | 3.7                    | 2.7                     |
| 4,153.0      | 6.85       | 118.76               | 4,131.9       | -185.7        | 263.0         | 1.00                | 0.64                 | 6.43                | 3.8                    | 2.9                     |
| 4,166.0      | 6.95       | 119.63               | 4,144.8       | -186.5        | 264.4         | 1.11                | 0.77                 | 6.69                | 3.9                    | 3.0                     |
| 4,180.0      | 7.04       | 120.44               | 4,158.7       | -187.3        | 265.9         | 0.95                | 0.64                 | 5.79                | 3.9                    | 3.1                     |
| 4,194.0      | 7.11       | 121.21               | 4,172.6       | -188.2        | 267.3         | 0.84                | 0.50                 | 5.50                | 3.9                    | 3.2                     |
| 4,207.0      | 7.17       | 121.91               | 4,185.5       | -189.1        | 268.7         | 0.81                | 0.46                 | 5.38                | 3.9                    | 3.3                     |
| 4,221.0      | 7.23       | 122.56               | 4,199.4       | -190.0        | 270.2         | 0.72                | 0.43                 | 4.64                | 3.9                    | 3.3                     |
| 4,234.0      | 7.27       | 123.17               | 4,212.2       | -190.9        | 271.6         | 0.67                | 0.31                 | 4.69                | 3.9                    | 3.4                     |
| 4,248.0      | 7.31       | 123.76               | 4,226.1       | -191.9        | 273.1         | 0.61                | 0.29                 | 4.21                | 3.9                    | 3.4                     |
| 4,261.0      | 7.33       | 124.32               | 4,239.0       | -192.8        | 274.4         | 0.57                | 0.15                 | 4.31                | 3.8                    | 3.4                     |
| 4,275.0      | 7.32       | 124.86               | 4,252.9       | -193.8        | 275.9         | 0.50                | -0.07                | 3.86                | 3.8                    | 3.4                     |
| 4,289.0      | 7.27       | 125.36               | 4,266.8       | -194.8        | 277.4         | 0.58                | -0.36                | 3.57                | 3.7                    | 3.4                     |
| 4,302.0      | 7.20       | 125.83               | 4,279.7       | -195.8        | 278.7         | 0.71                | -0.54                | 3.62                | 3.7                    | 3.4                     |
| 4,316.0      | 7.12       | 126.29               | 4,293.6       | -196.8        | 280.1         | 0.70                | -0.57                | 3.29                | 3.7                    | 3.3                     |
| 4,329.0      | 7.05       | 126.71               | 4,306.5       | -197.8        | 281.4         | 0.67                | -0.54                | 3.23                | 3.7                    | 3.3                     |
| 4,343.0      | 6.98       | 127.09               | 4,320.4       | -198.8        | 282.8         | 0.60                | -0.50                | 2.71                | 3.7                    | 3.2                     |
| 4,356.0      | 6.95       | 127.40               | 4,333.3       | -199.8        | 284.0         | 0.37                | -0.23                | 2.38                | 3.7                    | 3.1                     |
| 4,370.0      | 6.96       | 127.61               | 4,347.2       | -200.8        | 285.4         | 0.20                | 0.07                 | 1.50                | 3.7                    | 3.1                     |
| 4,384.0      | 7.05       | 127.66               | 4,361.1       | -201.8        | 286.7         | 0.64                | 0.64                 | 0.36                | 3.7                    | 3.0                     |
| 4,397.0      | 7.18       | 127.62               | 4,374.0       | -202.8        | 288.0         | 1.00                | 1.00                 | -0.31               | 3.7                    | 3.0                     |
| 4,411.0      | 7.34       | 127.53               | 4,387.9       | -203.9        | 289.4         | 1.15                | 1.14                 | -0.64               | 3.6                    | 2.9                     |
| 4,425.0      | 7.52       | 127.43               | 4,401.8       | -205.0        | 290.8         | 1.29                | 1.29                 | -0.71               | 3.5                    | 2.9                     |
| 4,439.0      | 7.71       | 127.33               | 4,415.6       | -206.1        | 292.3         | 1.36                | 1.36                 | -0.71               | 3.4                    | 2.8                     |



Final PVA



|                  |                             |                                     |                       |
|------------------|-----------------------------|-------------------------------------|-----------------------|
| <b>Company:</b>  | Midland                     | <b>Local Co-ordinate Reference:</b> | Well #711H            |
| <b>Project:</b>  | Lea County, NM (NAD 83 NME) | <b>TVD Reference:</b>               | KB = 26' @ 3669.0usft |
| <b>Site:</b>     | Pegasus 3 Fed Com           | <b>MD Reference:</b>                | KB = 26' @ 3669.0usft |
| <b>Well:</b>     | #711H                       | <b>North Reference:</b>             | Grid                  |
| <b>Wellbore:</b> | OH                          | <b>Survey Calculation Method:</b>   | Minimum Curvature     |
| <b>Design:</b>   | OH                          | <b>Database:</b>                    | PEDM                  |

| Survey       |            |                      |               |               |               |                     |                      |                     |                        |                         |  |
|--------------|------------|----------------------|---------------|---------------|---------------|---------------------|----------------------|---------------------|------------------------|-------------------------|--|
| MD<br>(usft) | Inc<br>(°) | Azi (azimuth)<br>(°) | TVD<br>(usft) | N/S<br>(usft) | E/W<br>(usft) | DLeg<br>(°/100usft) | Build<br>(°/100usft) | Turn<br>(°/100usft) | High to Plan<br>(usft) | Right to Plan<br>(usft) |  |
| 4,452.0      | 7.89       | 127.28               | 4,428.5       | -207.2        | 293.7         | 1.39                | 1.38                 | -0.38               | 3.2                    | 2.8                     |  |
| 4,466.0      | 8.06       | 127.28               | 4,442.4       | -208.4        | 295.2         | 1.21                | 1.21                 | 0.00                | 3.0                    | 2.7                     |  |
| 4,480.0      | 8.21       | 127.37               | 4,456.2       | -209.6        | 296.8         | 1.08                | 1.07                 | 0.64                | 2.7                    | 2.7                     |  |
| 4,493.0      | 8.34       | 127.52               | 4,469.1       | -210.7        | 298.3         | 1.01                | 1.00                 | 1.15                | 2.4                    | 2.6                     |  |
| 4,507.0      | 8.46       | 127.72               | 4,482.9       | -211.9        | 299.9         | 0.88                | 0.86                 | 1.43                | 2.1                    | 2.5                     |  |
| 4,520.0      | 8.58       | 127.94               | 4,495.8       | -213.1        | 301.4         | 0.96                | 0.92                 | 1.69                | 1.7                    | 2.5                     |  |
| 4,534.0      | 8.70       | 128.19               | 4,509.6       | -214.4        | 303.1         | 0.90                | 0.86                 | 1.79                | 1.3                    | 2.4                     |  |
| 4,547.0      | 8.82       | 128.45               | 4,522.5       | -215.7        | 304.7         | 0.97                | 0.92                 | 2.00                | 0.9                    | 2.3                     |  |
| 4,561.0      | 8.94       | 128.74               | 4,536.3       | -217.0        | 306.3         | 0.91                | 0.86                 | 2.07                | 0.5                    | 2.2                     |  |
| 4,575.0      | 9.08       | 129.06               | 4,550.2       | -218.4        | 308.1         | 1.06                | 1.00                 | 2.29                | 0.0                    | 2.1                     |  |
| 4,588.0      | 9.23       | 129.39               | 4,563.0       | -219.7        | 309.7         | 1.22                | 1.15                 | 2.54                | -0.5                   | 2.0                     |  |
| 4,602.0      | 9.37       | 129.70               | 4,576.8       | -221.1        | 311.4         | 1.06                | 1.00                 | 2.21                | -1.0                   | 1.9                     |  |
| 4,615.0      | 9.49       | 129.98               | 4,589.6       | -222.5        | 313.0         | 0.99                | 0.92                 | 2.15                | -1.6                   | 1.8                     |  |
| 4,629.0      | 9.59       | 130.21               | 4,603.4       | -224.0        | 314.8         | 0.76                | 0.71                 | 1.64                | -2.2                   | 1.7                     |  |
| 4,642.0      | 9.66       | 130.36               | 4,616.3       | -225.4        | 316.5         | 0.57                | 0.54                 | 1.15                | -2.8                   | 1.6                     |  |
| 4,656.0      | 9.66       | 130.40               | 4,630.1       | -226.9        | 318.3         | 0.05                | 0.00                 | 0.29                | -3.4                   | 1.4                     |  |
| 4,670.0      | 9.58       | 130.24               | 4,643.9       | -228.4        | 320.0         | 0.60                | -0.57                | -1.14               | -4.1                   | 1.3                     |  |
| 4,683.0      | 9.44       | 129.96               | 4,656.7       | -229.8        | 321.7         | 1.13                | -1.08                | -2.15               | -4.7                   | 1.1                     |  |
| 4,697.0      | 9.28       | 129.59               | 4,670.5       | -231.3        | 323.4         | 1.22                | -1.14                | -2.64               | -5.3                   | 1.0                     |  |
| 4,710.0      | 9.10       | 129.17               | 4,683.3       | -232.6        | 325.0         | 1.48                | -1.38                | -3.23               | -5.8                   | 0.8                     |  |
| 4,724.0      | 8.92       | 128.72               | 4,697.2       | -234.0        | 326.7         | 1.38                | -1.29                | -3.21               | -6.3                   | 0.7                     |  |
| 4,737.0      | 8.43       | 128.88               | 4,710.0       | -235.2        | 328.3         | 3.77                | -3.77                | 1.23                | -6.6                   | 0.6                     |  |
| 4,751.0      | 7.11       | 130.13               | 4,723.9       | -236.4        | 329.7         | 9.50                | -9.43                | 8.93                | -6.8                   | 0.7                     |  |
| 4,765.0      | 5.81       | 124.81               | 4,737.8       | -237.4        | 331.0         | 10.21               | -9.29                | -38.00              | -6.7                   | 0.0                     |  |
| 4,778.0      | 5.59       | 123.63               | 4,750.7       | -238.1        | 332.0         | 1.92                | -1.69                | -9.08               | -6.4                   | -0.1                    |  |
| 4,792.0      | 5.46       | 122.88               | 4,764.7       | -238.8        | 333.2         | 1.06                | -0.93                | -5.36               | -6.1                   | -0.1                    |  |
| 4,805.0      | 5.33       | 122.08               | 4,777.6       | -239.5        | 334.2         | 1.16                | -1.00                | -6.15               | -5.7                   | -0.1                    |  |

|                  |                             |                                     |                       |
|------------------|-----------------------------|-------------------------------------|-----------------------|
| <b>Company:</b>  | Midland                     | <b>Local Co-ordinate Reference:</b> | Well #711H            |
| <b>Project:</b>  | Lea County, NM (NAD 83 NME) | <b>TVD Reference:</b>               | KB = 26' @ 3669.0usft |
| <b>Site:</b>     | Pegasus 3 Fed Com           | <b>MD Reference:</b>                | KB = 26' @ 3669.0usft |
| <b>Well:</b>     | #711H                       | <b>North Reference:</b>             | Grid                  |
| <b>Wellbore:</b> | OH                          | <b>Survey Calculation Method:</b>   | Minimum Curvature     |
| <b>Design:</b>   | OH                          | <b>Database:</b>                    | PEDM                  |

| Survey       |            |                      |               |               |               |                     |                      |                     |                        |                         |  |
|--------------|------------|----------------------|---------------|---------------|---------------|---------------------|----------------------|---------------------|------------------------|-------------------------|--|
| MD<br>(usft) | Inc<br>(°) | Azi (azimuth)<br>(°) | TVD<br>(usft) | N/S<br>(usft) | E/W<br>(usft) | DLeg<br>(°/100usft) | Build<br>(°/100usft) | Turn<br>(°/100usft) | High to Plan<br>(usft) | Right to Plan<br>(usft) |  |
| 4,819.0      | 5.20       | 121.25               | 4,791.5       | -240.2        | 335.3         | 1.08                | -0.93                | -5.93               | -5.3                   | -0.1                    |  |
| 4,832.0      | 5.08       | 120.45               | 4,804.5       | -240.8        | 336.3         | 1.08                | -0.92                | -6.15               | -4.9                   | 0.0                     |  |
| 4,846.0      | 4.96       | 119.72               | 4,818.4       | -241.4        | 337.4         | 0.97                | -0.86                | -5.21               | -4.4                   | 0.1                     |  |
| 4,860.0      | 4.86       | 119.28               | 4,832.4       | -242.0        | 338.4         | 0.76                | -0.71                | -3.14               | -3.9                   | 0.2                     |  |
| 4,873.0      | 4.77       | 118.96               | 4,845.3       | -242.5        | 339.4         | 0.72                | -0.69                | -2.46               | -3.4                   | 0.4                     |  |
| 4,887.0      | 4.69       | 118.70               | 4,859.3       | -243.0        | 340.4         | 0.59                | -0.57                | -1.86               | -2.9                   | 0.6                     |  |
| 4,901.0      | 4.62       | 118.49               | 4,873.2       | -243.6        | 341.4         | 0.51                | -0.50                | -1.50               | -2.3                   | 0.8                     |  |
| 4,915.0      | 4.55       | 118.32               | 4,887.2       | -244.1        | 342.3         | 0.51                | -0.50                | -1.21               | -1.7                   | 1.0                     |  |
| 4,928.0      | 4.50       | 118.15               | 4,900.2       | -244.6        | 343.3         | 0.40                | -0.38                | -1.31               | -1.2                   | 1.2                     |  |
| 4,942.0      | 4.47       | 118.00               | 4,914.1       | -245.1        | 344.2         | 0.23                | -0.21                | -1.07               | -0.6                   | 1.4                     |  |
| 4,956.0      | 4.45       | 117.84               | 4,928.1       | -245.6        | 345.2         | 0.17                | -0.14                | -1.14               | 0.0                    | 1.6                     |  |
| 4,969.0      | 4.45       | 117.68               | 4,941.0       | -246.1        | 346.1         | 0.10                | 0.00                 | -1.23               | 0.6                    | 1.9                     |  |
| 4,983.0      | 4.46       | 117.53               | 4,955.0       | -246.6        | 347.0         | 0.11                | 0.07                 | -1.07               | 1.2                    | 2.1                     |  |
| 4,996.0      | 4.48       | 117.37               | 4,967.9       | -247.1        | 347.9         | 0.18                | 0.15                 | -1.23               | 1.7                    | 2.3                     |  |
| 5,010.0      | 4.50       | 117.21               | 4,981.9       | -247.6        | 348.9         | 0.17                | 0.14                 | -1.14               | 2.3                    | 2.6                     |  |
| 5,023.0      | 4.53       | 117.04               | 4,994.9       | -248.0        | 349.8         | 0.25                | 0.23                 | -1.31               | 2.8                    | 2.8                     |  |
| 5,037.0      | 4.55       | 116.87               | 5,008.8       | -248.5        | 350.8         | 0.17                | 0.14                 | -1.21               | 3.4                    | 3.1                     |  |
| 5,051.0      | 4.58       | 116.70               | 5,022.8       | -249.0        | 351.8         | 0.24                | 0.21                 | -1.21               | 4.0                    | 3.4                     |  |
| 5,064.0      | 4.60       | 116.51               | 5,035.7       | -249.5        | 352.7         | 0.19                | 0.15                 | -1.46               | 4.5                    | 3.6                     |  |
| 5,078.0      | 4.63       | 116.32               | 5,049.7       | -250.0        | 353.7         | 0.24                | 0.21                 | -1.36               | 5.0                    | 3.9                     |  |
| 5,091.0      | 4.65       | 116.11               | 5,062.6       | -250.5        | 354.7         | 0.20                | 0.15                 | -1.62               | 5.5                    | 4.2                     |  |
| 5,105.0      | 4.68       | 115.88               | 5,076.6       | -251.0        | 355.7         | 0.25                | 0.21                 | -1.64               | 6.1                    | 4.5                     |  |
| 5,118.0      | 4.70       | 115.62               | 5,089.6       | -251.4        | 356.7         | 0.22                | 0.15                 | -2.00               | 6.5                    | 4.8                     |  |
| 5,132.0      | 4.72       | 115.31               | 5,103.5       | -251.9        | 357.7         | 0.23                | 0.14                 | -2.21               | 7.1                    | 5.1                     |  |
| 5,146.0      | 4.74       | 114.93               | 5,117.5       | -252.4        | 358.7         | 0.27                | 0.14                 | -2.71               | 7.5                    | 5.5                     |  |
| 5,159.0      | 4.75       | 114.51               | 5,130.4       | -252.9        | 359.7         | 0.28                | 0.08                 | -3.23               | 8.0                    | 5.9                     |  |
| 5,173.0      | 4.77       | 114.05               | 5,144.4       | -253.3        | 360.8         | 0.31                | 0.14                 | -3.29               | 8.4                    | 6.3                     |  |

|                  |                             |                                     |                       |
|------------------|-----------------------------|-------------------------------------|-----------------------|
| <b>Company:</b>  | Midland                     | <b>Local Co-ordinate Reference:</b> | Well #711H            |
| <b>Project:</b>  | Lea County, NM (NAD 83 NME) | <b>TVD Reference:</b>               | KB = 26' @ 3669.0usft |
| <b>Site:</b>     | Pegasus 3 Fed Com           | <b>MD Reference:</b>                | KB = 26' @ 3669.0usft |
| <b>Well:</b>     | #711H                       | <b>North Reference:</b>             | Grid                  |
| <b>Wellbore:</b> | OH                          | <b>Survey Calculation Method:</b>   | Minimum Curvature     |
| <b>Design:</b>   | OH                          | <b>Database:</b>                    | PEDM                  |

| Survey       |            |                      |               |               |               |                     |                      |                     |                        |                         |
|--------------|------------|----------------------|---------------|---------------|---------------|---------------------|----------------------|---------------------|------------------------|-------------------------|
| MD<br>(usft) | Inc<br>(°) | Azi (azimuth)<br>(°) | TVD<br>(usft) | N/S<br>(usft) | E/W<br>(usft) | DLeg<br>(°/100usft) | Build<br>(°/100usft) | Turn<br>(°/100usft) | High to Plan<br>(usft) | Right to Plan<br>(usft) |
| 5,186.0      | 4.78       | 113.58               | 5,157.3       | -253.8        | 361.8         | 0.31                | 0.08                 | -3.62               | 8.9                    | 6.7                     |
| 5,200.0      | 4.79       | 113.10               | 5,171.3       | -254.2        | 362.8         | 0.29                | 0.07                 | -3.43               | 9.3                    | 7.1                     |
| 5,213.0      | 4.80       | 112.61               | 5,184.2       | -254.7        | 363.8         | 0.32                | 0.08                 | -3.77               | 9.7                    | 7.5                     |
| 5,227.0      | 4.81       | 112.12               | 5,198.2       | -255.1        | 364.9         | 0.30                | 0.07                 | -3.50               | 10.1                   | 8.0                     |
| 5,241.0      | 4.81       | 111.63               | 5,212.1       | -255.6        | 366.0         | 0.29                | 0.00                 | -3.50               | 10.5                   | 8.5                     |
| 5,254.0      | 4.82       | 111.15               | 5,225.1       | -256.0        | 367.0         | 0.32                | 0.08                 | -3.69               | 10.9                   | 9.0                     |
| 5,268.0      | 4.82       | 110.66               | 5,239.0       | -256.4        | 368.1         | 0.29                | 0.00                 | -3.50               | 11.3                   | 9.5                     |
| 5,282.0      | 4.83       | 110.17               | 5,253.0       | -256.8        | 369.2         | 0.30                | 0.07                 | -3.50               | 11.7                   | 10.1                    |
| 5,296.0      | 4.84       | 109.67               | 5,266.9       | -257.2        | 370.3         | 0.31                | 0.07                 | -3.57               | 12.1                   | 10.6                    |
| 5,309.0      | 4.86       | 109.17               | 5,279.9       | -257.5        | 371.4         | 0.36                | 0.15                 | -3.85               | 12.4                   | 11.2                    |
| 5,323.0      | 5.68       | 109.25               | 5,293.8       | -258.0        | 372.6         | 5.86                | 5.86                 | 0.57                | 12.8                   | 11.6                    |
| 5,337.0      | 6.41       | 109.20               | 5,307.8       | -258.5        | 374.0         | 5.21                | 5.21                 | -0.36               | 12.9                   | 12.1                    |
| 5,350.0      | 6.49       | 108.71               | 5,320.7       | -258.9        | 375.4         | 0.75                | 0.62                 | -3.77               | 12.9                   | 12.7                    |
| 5,364.0      | 6.58       | 108.20               | 5,334.6       | -259.4        | 376.9         | 0.76                | 0.64                 | -3.64               | 12.8                   | 13.3                    |
| 5,378.0      | 6.67       | 107.69               | 5,348.5       | -259.9        | 378.4         | 0.77                | 0.64                 | -3.64               | 12.7                   | 13.9                    |
| 5,392.0      | 6.76       | 107.21               | 5,362.4       | -260.4        | 380.0         | 0.76                | 0.64                 | -3.43               | 12.6                   | 14.6                    |
| 5,405.0      | 6.84       | 106.76               | 5,375.3       | -260.9        | 381.5         | 0.74                | 0.62                 | -3.46               | 12.4                   | 15.2                    |
| 5,419.0      | 6.89       | 106.36               | 5,389.2       | -261.4        | 383.1         | 0.49                | 0.36                 | -2.86               | 12.3                   | 15.8                    |
| 5,433.0      | 6.92       | 106.02               | 5,403.1       | -261.8        | 384.7         | 0.36                | 0.21                 | -2.43               | 12.1                   | 16.5                    |
| 5,446.0      | 6.92       | 105.74               | 5,416.0       | -262.2        | 386.2         | 0.26                | 0.00                 | -2.15               | 11.9                   | 17.1                    |
| 5,460.0      | 6.91       | 105.51               | 5,429.9       | -262.7        | 387.8         | 0.21                | -0.07                | -1.64               | 11.8                   | 17.7                    |
| 5,473.0      | 6.90       | 105.34               | 5,442.8       | -263.1        | 389.3         | 0.18                | -0.08                | -1.31               | 11.7                   | 18.3                    |
| 5,487.0      | 6.90       | 105.23               | 5,456.7       | -263.6        | 390.9         | 0.09                | 0.00                 | -0.79               | 11.5                   | 18.9                    |
| 5,500.0      | 6.91       | 105.22               | 5,469.6       | -264.0        | 392.4         | 0.08                | 0.08                 | -0.08               | 11.5                   | 19.4                    |
| 5,514.0      | 6.78       | 105.90               | 5,483.5       | -264.4        | 394.1         | 1.09                | -0.93                | 4.86                | 11.6                   | 19.9                    |
| 5,528.0      | 6.27       | 108.40               | 5,497.4       | -264.9        | 395.6         | 4.17                | -3.64                | 17.86               | 12.5                   | 19.9                    |
| 5,541.0      | 6.34       | 109.17               | 5,510.3       | -265.3        | 396.9         | 0.84                | 0.54                 | 5.92                | 12.9                   | 20.2                    |



Final PVA



|                  |                             |                                     |                       |
|------------------|-----------------------------|-------------------------------------|-----------------------|
| <b>Company:</b>  | Midland                     | <b>Local Co-ordinate Reference:</b> | Well #711H            |
| <b>Project:</b>  | Lea County, NM (NAD 83 NME) | <b>TVD Reference:</b>               | KB = 26' @ 3669.0usft |
| <b>Site:</b>     | Pegasus 3 Fed Com           | <b>MD Reference:</b>                | KB = 26' @ 3669.0usft |
| <b>Well:</b>     | #711H                       | <b>North Reference:</b>             | Grid                  |
| <b>Wellbore:</b> | OH                          | <b>Survey Calculation Method:</b>   | Minimum Curvature     |
| <b>Design:</b>   | OH                          | <b>Database:</b>                    | PEDM                  |

| Survey       |            |                      |               |               |               |                     |                      |                     |                        |                         |
|--------------|------------|----------------------|---------------|---------------|---------------|---------------------|----------------------|---------------------|------------------------|-------------------------|
| MD<br>(usft) | Inc<br>(°) | Azi (azimuth)<br>(°) | TVD<br>(usft) | N/S<br>(usft) | E/W<br>(usft) | DLeg<br>(°/100usft) | Build<br>(°/100usft) | Turn<br>(°/100usft) | High to Plan<br>(usft) | Right to Plan<br>(usft) |
| 5,555.0      | 6.49       | 109.82               | 5,524.3       | -265.9        | 398.4         | 1.19                | 1.07                 | 4.64                | 13.2                   | 20.5                    |
| 5,568.0      | 6.64       | 110.49               | 5,537.2       | -266.4        | 399.8         | 1.30                | 1.15                 | 5.15                | 13.5                   | 20.8                    |
| 5,582.0      | 6.78       | 111.09               | 5,551.1       | -267.0        | 401.3         | 1.12                | 1.00                 | 4.29                | 13.7                   | 21.1                    |
| 5,595.0      | 6.93       | 113.31               | 5,564.0       | -267.5        | 402.8         | 2.34                | 1.15                 | 17.08               | 14.5                   | 20.9                    |
| 5,609.0      | 7.24       | 120.48               | 5,577.9       | -268.3        | 404.3         | 6.69                | 2.21                 | 51.21               | 16.9                   | 19.2                    |
| 5,623.0      | 7.51       | 124.75               | 5,591.8       | -269.3        | 405.8         | 4.36                | 1.93                 | 30.50               | 18.2                   | 18.0                    |
| 5,636.0      | 7.54       | 124.84               | 5,604.6       | -270.3        | 407.2         | 0.25                | 0.23                 | 0.69                | 18.1                   | 18.0                    |
| 5,650.0      | 7.56       | 124.89               | 5,618.5       | -271.3        | 408.7         | 0.15                | 0.14                 | 0.36                | 18.0                   | 18.0                    |
| 5,664.0      | 7.57       | 124.89               | 5,632.4       | -272.4        | 410.2         | 0.07                | 0.07                 | 0.00                | 17.9                   | 18.0                    |
| 5,678.0      | 7.58       | 124.86               | 5,646.3       | -273.4        | 411.7         | 0.08                | 0.07                 | -0.21               | 17.7                   | 18.1                    |
| 5,691.0      | 7.57       | 124.81               | 5,659.2       | -274.4        | 413.1         | 0.09                | -0.08                | -0.38               | 17.6                   | 18.1                    |
| 5,705.0      | 7.56       | 124.74               | 5,673.0       | -275.5        | 414.7         | 0.10                | -0.07                | -0.50               | 17.4                   | 18.2                    |
| 5,719.0      | 7.55       | 124.64               | 5,686.9       | -276.5        | 416.2         | 0.12                | -0.07                | -0.71               | 17.3                   | 18.2                    |
| 5,732.0      | 7.53       | 124.52               | 5,699.8       | -277.5        | 417.6         | 0.20                | -0.15                | -0.92               | 17.1                   | 18.3                    |
| 5,746.0      | 7.50       | 124.37               | 5,713.7       | -278.5        | 419.1         | 0.26                | -0.21                | -1.07               | 16.9                   | 18.4                    |
| 5,759.0      | 7.47       | 124.21               | 5,726.6       | -279.5        | 420.5         | 0.28                | -0.23                | -1.23               | 16.8                   | 18.5                    |
| 5,773.0      | 7.45       | 124.02               | 5,740.5       | -280.5        | 422.0         | 0.23                | -0.14                | -1.36               | 16.6                   | 18.6                    |
| 5,786.0      | 7.42       | 123.80               | 5,753.4       | -281.4        | 423.4         | 0.32                | -0.23                | -1.69               | 16.4                   | 18.7                    |
| 5,800.0      | 7.39       | 123.52               | 5,767.2       | -282.4        | 424.9         | 0.34                | -0.21                | -2.00               | 16.2                   | 18.8                    |
| 5,814.0      | 7.36       | 123.16               | 5,781.1       | -283.4        | 426.4         | 0.39                | -0.21                | -2.57               | 16.0                   | 19.0                    |
| 5,827.0      | 7.33       | 122.74               | 5,794.0       | -284.3        | 427.8         | 0.47                | -0.23                | -3.23               | 15.8                   | 19.2                    |
| 5,841.0      | 7.30       | 122.30               | 5,807.9       | -285.3        | 429.3         | 0.45                | -0.21                | -3.14               | 15.6                   | 19.4                    |
| 5,855.0      | 7.26       | 121.84               | 5,821.8       | -286.2        | 430.8         | 0.50                | -0.29                | -3.29               | 15.3                   | 19.6                    |
| 5,869.0      | 7.23       | 121.38               | 5,835.7       | -287.1        | 432.3         | 0.47                | -0.21                | -3.29               | 15.1                   | 19.8                    |
| 5,882.0      | 7.19       | 120.94               | 5,848.6       | -288.0        | 433.7         | 0.52                | -0.31                | -3.38               | 14.9                   | 20.1                    |
| 5,896.0      | 7.15       | 120.52               | 5,862.5       | -288.9        | 435.2         | 0.47                | -0.29                | -3.00               | 14.7                   | 20.3                    |
| 5,910.0      | 7.10       | 120.16               | 5,876.4       | -289.8        | 436.7         | 0.48                | -0.36                | -2.57               | 14.5                   | 20.6                    |

|                  |                             |                                     |                       |
|------------------|-----------------------------|-------------------------------------|-----------------------|
| <b>Company:</b>  | Midland                     | <b>Local Co-ordinate Reference:</b> | Well #711H            |
| <b>Project:</b>  | Lea County, NM (NAD 83 NME) | <b>TVD Reference:</b>               | KB = 26' @ 3669.0usft |
| <b>Site:</b>     | Pegasus 3 Fed Com           | <b>MD Reference:</b>                | KB = 26' @ 3669.0usft |
| <b>Well:</b>     | #711H                       | <b>North Reference:</b>             | Grid                  |
| <b>Wellbore:</b> | OH                          | <b>Survey Calculation Method:</b>   | Minimum Curvature     |
| <b>Design:</b>   | OH                          | <b>Database:</b>                    | PEDM                  |

| Survey       |            |                      |               |               |               |                     |                      |                     |                        |                         |  |
|--------------|------------|----------------------|---------------|---------------|---------------|---------------------|----------------------|---------------------|------------------------|-------------------------|--|
| MD<br>(usft) | Inc<br>(°) | Azi (azimuth)<br>(°) | TVD<br>(usft) | N/S<br>(usft) | E/W<br>(usft) | DLeg<br>(°/100usft) | Build<br>(°/100usft) | Turn<br>(°/100usft) | High to Plan<br>(usft) | Right to Plan<br>(usft) |  |
| 5,923.0      | 7.05       | 119.85               | 5,889.3       | -290.6        | 438.1         | 0.48                | -0.38                | -2.38               | 14.4                   | 20.8                    |  |
| 5,937.0      | 6.99       | 119.61               | 5,903.2       | -291.4        | 439.6         | 0.48                | -0.43                | -1.71               | 14.3                   | 21.1                    |  |
| 5,950.0      | 6.94       | 119.45               | 5,916.1       | -292.2        | 440.9         | 0.41                | -0.38                | -1.23               | 14.2                   | 21.3                    |  |
| 5,964.0      | 6.87       | 119.42               | 5,930.0       | -293.0        | 442.4         | 0.50                | -0.50                | -0.21               | 14.2                   | 21.5                    |  |
| 5,977.0      | 6.68       | 120.52               | 5,942.9       | -293.8        | 443.7         | 1.77                | -1.46                | 8.46                | 14.6                   | 21.3                    |  |
| 5,991.0      | 6.28       | 123.62               | 5,956.8       | -294.6        | 445.1         | 3.79                | -2.86                | 22.14               | 15.6                   | 20.6                    |  |
| 6,005.0      | 6.19       | 124.38               | 5,970.7       | -295.5        | 446.3         | 0.87                | -0.64                | 5.43                | 15.9                   | 20.4                    |  |
| 6,018.0      | 6.10       | 125.36               | 5,983.6       | -296.3        | 447.5         | 1.06                | -0.69                | 7.54                | 16.1                   | 20.2                    |  |
| 6,032.0      | 6.01       | 126.52               | 5,997.5       | -297.1        | 448.7         | 1.08                | -0.64                | 8.29                | 16.4                   | 19.9                    |  |
| 6,045.0      | 5.93       | 127.79               | 6,010.5       | -297.9        | 449.7         | 1.19                | -0.62                | 9.77                | 16.6                   | 19.5                    |  |
| 6,059.0      | 5.85       | 129.15               | 6,024.4       | -298.8        | 450.9         | 1.15                | -0.57                | 9.71                | 16.8                   | 19.0                    |  |
| 6,072.0      | 5.56       | 133.45               | 6,037.3       | -299.7        | 451.8         | 3.97                | -2.23                | 33.08               | 18.0                   | 17.6                    |  |
| 6,086.0      | 4.81       | 147.20               | 6,051.3       | -300.6        | 452.7         | 10.33               | -5.36                | 98.21               | 21.4                   | 12.6                    |  |
| 6,100.0      | 4.51       | 152.91               | 6,065.2       | -301.6        | 453.2         | 3.94                | -2.14                | 40.79               | 22.3                   | 10.0                    |  |
| 6,113.0      | 4.46       | 155.06               | 6,078.2       | -302.5        | 453.7         | 1.35                | -0.38                | 16.54               | 22.4                   | 8.8                     |  |
| 6,127.0      | 4.43       | 157.32               | 6,092.1       | -303.5        | 454.1         | 1.27                | -0.21                | 16.14               | 22.4                   | 7.4                     |  |
| 6,140.0      | 4.41       | 159.59               | 6,105.1       | -304.5        | 454.5         | 1.35                | -0.15                | 17.46               | 22.3                   | 6.2                     |  |
| 6,154.0      | 4.40       | 161.77               | 6,119.1       | -305.5        | 454.8         | 1.20                | -0.07                | 15.57               | 22.0                   | 4.9                     |  |
| 6,167.0      | 4.20       | 165.52               | 6,132.0       | -306.4        | 455.1         | 2.65                | -1.54                | 28.85               | 21.8                   | 3.1                     |  |
| 6,181.0      | 3.33       | 178.07               | 6,146.0       | -307.3        | 455.2         | 8.52                | -6.21                | 89.64               | 21.4                   | -2.1                    |  |
| 6,195.0      | 2.39       | 186.74               | 6,160.0       | -308.0        | 455.2         | 7.37                | -6.71                | 61.93               | 20.4                   | -5.7                    |  |
| 6,208.0      | 2.40       | 189.39               | 6,173.0       | -308.6        | 455.1         | 0.86                | 0.08                 | 20.38               | 19.8                   | -7.0                    |  |
| 6,222.0      | 2.43       | 191.90               | 6,187.0       | -309.1        | 455.0         | 0.79                | 0.21                 | 17.93               | 19.0                   | -8.3                    |  |
| 6,236.0      | 2.45       | 194.20               | 6,200.9       | -309.7        | 454.9         | 0.71                | 0.14                 | 16.43               | 18.2                   | -9.3                    |  |
| 6,250.0      | 2.48       | 196.23               | 6,214.9       | -310.3        | 454.7         | 0.66                | 0.21                 | 14.50               | 17.3                   | -10.2                   |  |
| 6,263.0      | 2.45       | 198.83               | 6,227.9       | -310.8        | 454.6         | 0.89                | -0.23                | 20.00               | 16.3                   | -11.1                   |  |
| 6,277.0      | 2.02       | 207.84               | 6,241.9       | -311.3        | 454.4         | 3.96                | -3.07                | 64.36               | 13.9                   | -13.6                   |  |



Final PVA



|                  |                             |                                     |                       |
|------------------|-----------------------------|-------------------------------------|-----------------------|
| <b>Company:</b>  | Midland                     | <b>Local Co-ordinate Reference:</b> | Well #711H            |
| <b>Project:</b>  | Lea County, NM (NAD 83 NME) | <b>TVD Reference:</b>               | KB = 26' @ 3669.0usft |
| <b>Site:</b>     | Pegasus 3 Fed Com           | <b>MD Reference:</b>                | KB = 26' @ 3669.0usft |
| <b>Well:</b>     | #711H                       | <b>North Reference:</b>             | Grid                  |
| <b>Wellbore:</b> | OH                          | <b>Survey Calculation Method:</b>   | Minimum Curvature     |
| <b>Design:</b>   | OH                          | <b>Database:</b>                    | PEDM                  |

| Survey       |            |                      |               |               |               |                     |                      |                     |                        |                         |  |
|--------------|------------|----------------------|---------------|---------------|---------------|---------------------|----------------------|---------------------|------------------------|-------------------------|--|
| MD<br>(usft) | Inc<br>(°) | Azi (azimuth)<br>(°) | TVD<br>(usft) | N/S<br>(usft) | E/W<br>(usft) | DLeg<br>(°/100usft) | Build<br>(°/100usft) | Turn<br>(°/100usft) | High to Plan<br>(usft) | Right to Plan<br>(usft) |  |
| 6,291.0      | 1.46       | 214.85               | 6,255.9       | -311.7        | 454.1         | 4.27                | -4.00                | 50.07               | 11.7                   | -15.3                   |  |
| 6,304.0      | 1.47       | 215.78               | 6,268.9       | -312.0        | 454.0         | 0.20                | 0.08                 | 7.15                | 11.1                   | -15.4                   |  |
| 6,318.0      | 1.47       | 216.33               | 6,282.9       | -312.3        | 453.7         | 0.10                | 0.00                 | 3.93                | 10.6                   | -15.6                   |  |
| 6,332.0      | 1.48       | 216.65               | 6,296.9       | -312.5        | 453.5         | 0.09                | 0.07                 | 2.29                | 10.1                   | -15.6                   |  |
| 6,346.0      | 1.48       | 216.87               | 6,310.9       | -312.8        | 453.3         | 0.04                | 0.00                 | 1.57                | 9.7                    | -15.6                   |  |
| 6,359.0      | 1.49       | 217.11               | 6,323.9       | -313.1        | 453.1         | 0.09                | 0.08                 | 1.85                | 9.3                    | -15.7                   |  |
| 6,373.0      | 1.20       | 227.29               | 6,337.9       | -313.3        | 452.9         | 2.68                | -2.07                | 72.71               | 6.1                    | -17.1                   |  |
| 6,387.0      | 1.04       | 238.01               | 6,351.9       | -313.5        | 452.7         | 1.88                | -1.14                | 76.57               | 2.5                    | -17.9                   |  |
| 6,400.0      | 1.06       | 238.86               | 6,364.9       | -313.6        | 452.5         | 0.19                | 0.15                 | 6.54                | 2.0                    | -17.9                   |  |
| 6,414.0      | 1.08       | 239.72               | 6,378.9       | -313.8        | 452.3         | 0.18                | 0.14                 | 6.14                | 1.5                    | -17.9                   |  |
| 6,428.0      | 1.10       | 240.53               | 6,392.9       | -313.9        | 452.0         | 0.18                | 0.14                 | 5.79                | 1.0                    | -17.9                   |  |
| 6,442.0      | 1.15       | 240.85               | 6,406.9       | -314.0        | 451.8         | 0.36                | 0.36                 | 2.29                | 0.6                    | -17.9                   |  |
| 6,455.0      | 1.20       | 241.08               | 6,419.9       | -314.2        | 451.5         | 0.39                | 0.38                 | 1.77                | 0.3                    | -17.9                   |  |
| 6,469.0      | 1.25       | 241.30               | 6,433.9       | -314.3        | 451.3         | 0.36                | 0.36                 | 1.57                | -0.1                   | -17.9                   |  |
| 6,483.0      | 1.27       | 241.69               | 6,447.9       | -314.5        | 451.0         | 0.16                | 0.14                 | 2.79                | -0.5                   | -17.9                   |  |
| 6,496.0      | 1.28       | 242.00               | 6,460.8       | -314.6        | 450.8         | 0.09                | 0.08                 | 2.38                | -0.9                   | -17.9                   |  |
| 6,510.0      | 1.30       | 242.21               | 6,474.8       | -314.7        | 450.5         | 0.15                | 0.14                 | 1.50                | -1.3                   | -17.9                   |  |
| 6,524.0      | 1.31       | 242.31               | 6,488.8       | -314.9        | 450.2         | 0.07                | 0.07                 | 0.71                | -1.7                   | -17.9                   |  |
| 6,538.0      | 1.33       | 242.27               | 6,502.8       | -315.0        | 449.9         | 0.14                | 0.14                 | -0.29               | -2.0                   | -17.9                   |  |
| 6,551.0      | 1.34       | 242.06               | 6,515.8       | -315.2        | 449.6         | 0.09                | 0.08                 | -1.62               | -2.2                   | -17.9                   |  |
| 6,565.0      | 1.35       | 241.62               | 6,529.8       | -315.3        | 449.4         | 0.10                | 0.07                 | -3.14               | -2.4                   | -18.0                   |  |
| 6,579.0      | 1.35       | 240.84               | 6,543.8       | -315.5        | 449.1         | 0.13                | 0.00                 | -5.57               | -2.5                   | -18.0                   |  |
| 6,592.0      | 1.35       | 239.86               | 6,556.8       | -315.7        | 448.8         | 0.18                | 0.00                 | -7.54               | -2.5                   | -18.0                   |  |
| 6,606.0      | 1.35       | 238.71               | 6,570.8       | -315.8        | 448.5         | 0.19                | 0.00                 | -8.21               | -2.4                   | -18.1                   |  |
| 6,619.0      | 1.34       | 237.44               | 6,583.8       | -316.0        | 448.3         | 0.24                | -0.08                | -9.77               | -2.4                   | -18.1                   |  |
| 6,633.0      | 1.34       | 236.06               | 6,597.8       | -316.2        | 448.0         | 0.23                | 0.00                 | -9.86               | -2.2                   | -18.2                   |  |
| 6,646.0      | 1.33       | 234.61               | 6,610.8       | -316.3        | 447.7         | 0.27                | -0.08                | -11.15              | -2.1                   | -18.2                   |  |



Final PVA



|                  |                             |                                     |                       |
|------------------|-----------------------------|-------------------------------------|-----------------------|
| <b>Company:</b>  | Midland                     | <b>Local Co-ordinate Reference:</b> | Well #711H            |
| <b>Project:</b>  | Lea County, NM (NAD 83 NME) | <b>TVD Reference:</b>               | KB = 26' @ 3669.0usft |
| <b>Site:</b>     | Pegasus 3 Fed Com           | <b>MD Reference:</b>                | KB = 26' @ 3669.0usft |
| <b>Well:</b>     | #711H                       | <b>North Reference:</b>             | Grid                  |
| <b>Wellbore:</b> | OH                          | <b>Survey Calculation Method:</b>   | Minimum Curvature     |
| <b>Design:</b>   | OH                          | <b>Database:</b>                    | PEDM                  |

| Survey       |            |                      |               |               |               |                     |                      |                     |                        |                         |
|--------------|------------|----------------------|---------------|---------------|---------------|---------------------|----------------------|---------------------|------------------------|-------------------------|
| MD<br>(usft) | Inc<br>(°) | Azi (azimuth)<br>(°) | TVD<br>(usft) | N/S<br>(usft) | E/W<br>(usft) | DLeg<br>(°/100usft) | Build<br>(°/100usft) | Turn<br>(°/100usft) | High to Plan<br>(usft) | Right to Plan<br>(usft) |
| 6,660.0      | 1.33       | 233.08               | 6,624.8       | -316.5        | 447.5         | 0.25                | 0.00                 | -10.93              | -1.9                   | -18.3                   |
| 6,674.0      | 1.31       | 231.59               | 6,638.8       | -316.7        | 447.2         | 0.28                | -0.14                | -10.64              | -1.8                   | -18.3                   |
| 6,687.0      | 1.29       | 230.04               | 6,651.8       | -316.9        | 447.0         | 0.31                | -0.15                | -11.92              | -1.6                   | -18.4                   |
| 6,701.0      | 1.28       | 228.41               | 6,665.8       | -317.1        | 446.8         | 0.27                | -0.07                | -11.64              | -1.4                   | -18.4                   |
| 6,715.0      | 1.26       | 226.70               | 6,679.8       | -317.3        | 446.5         | 0.31                | -0.14                | -12.21              | -1.1                   | -18.5                   |
| 6,729.0      | 1.25       | 224.91               | 6,693.8       | -317.5        | 446.3         | 0.29                | -0.07                | -12.79              | -0.8                   | -18.5                   |
| 6,742.0      | 1.24       | 223.05               | 6,706.8       | -317.7        | 446.1         | 0.32                | -0.08                | -14.31              | -0.5                   | -18.5                   |
| 6,756.0      | 1.24       | 221.15               | 6,720.8       | -318.0        | 445.9         | 0.29                | 0.00                 | -13.57              | -0.2                   | -18.5                   |
| 6,770.0      | 1.24       | 219.19               | 6,734.8       | -318.2        | 445.7         | 0.30                | 0.00                 | -14.00              | 0.1                    | -18.5                   |
| 6,783.0      | 1.25       | 217.18               | 6,747.8       | -318.4        | 445.5         | 0.34                | 0.08                 | -15.46              | 0.5                    | -18.5                   |
| 6,797.0      | 1.27       | 215.18               | 6,761.8       | -318.7        | 445.4         | 0.35                | 0.14                 | -14.29              | 0.8                    | -18.5                   |
| 6,810.0      | 1.29       | 213.20               | 6,774.8       | -318.9        | 445.2         | 0.37                | 0.15                 | -15.23              | 1.2                    | -18.5                   |
| 6,824.0      | 1.31       | 211.26               | 6,788.8       | -319.2        | 445.0         | 0.35                | 0.14                 | -13.86              | 1.5                    | -18.4                   |
| 6,837.0      | 1.33       | 209.35               | 6,801.8       | -319.4        | 444.9         | 0.37                | 0.15                 | -14.69              | 1.8                    | -18.4                   |
| 6,851.0      | 1.35       | 207.46               | 6,815.8       | -319.7        | 444.7         | 0.35                | 0.14                 | -13.50              | 2.1                    | -18.3                   |
| 6,865.0      | 1.35       | 205.47               | 6,829.8       | -320.0        | 444.6         | 0.33                | 0.00                 | -14.21              | 2.4                    | -18.2                   |
| 6,878.0      | 1.34       | 203.50               | 6,842.7       | -320.3        | 444.4         | 0.36                | -0.08                | -15.15              | 2.7                    | -18.1                   |
| 6,892.0      | 1.34       | 201.58               | 6,856.7       | -320.6        | 444.3         | 0.32                | 0.00                 | -13.71              | 3.0                    | -18.0                   |
| 6,906.0      | 1.34       | 199.77               | 6,870.7       | -320.9        | 444.2         | 0.30                | 0.00                 | -12.93              | 3.2                    | -17.9                   |
| 6,920.0      | 1.34       | 198.12               | 6,884.7       | -321.2        | 444.1         | 0.28                | 0.00                 | -11.79              | 3.4                    | -17.9                   |
| 6,933.0      | 1.34       | 196.75               | 6,897.7       | -321.5        | 444.0         | 0.25                | 0.00                 | -10.54              | 3.5                    | -17.8                   |
| 6,947.0      | 1.34       | 195.79               | 6,911.7       | -321.8        | 443.9         | 0.16                | 0.00                 | -6.86               | 3.5                    | -17.7                   |
| 6,961.0      | 1.35       | 195.43               | 6,925.7       | -322.1        | 443.8         | 0.09                | 0.07                 | -2.57               | 3.3                    | -17.7                   |
| 6,974.0      | 1.37       | 195.44               | 6,938.7       | -322.4        | 443.7         | 0.15                | 0.15                 | 0.08                | 3.0                    | -17.7                   |
| 6,988.0      | 1.38       | 195.67               | 6,952.7       | -322.8        | 443.6         | 0.08                | 0.07                 | 1.64                | 2.6                    | -17.7                   |
| 7,002.0      | 1.40       | 195.99               | 6,966.7       | -323.1        | 443.6         | 0.15                | 0.14                 | 2.29                | 2.1                    | -17.7                   |
| 7,016.0      | 1.42       | 196.33               | 6,980.7       | -323.4        | 443.5         | 0.15                | 0.14                 | 2.43                | 1.7                    | -17.7                   |



Final PVA



|                  |                             |                                     |                       |
|------------------|-----------------------------|-------------------------------------|-----------------------|
| <b>Company:</b>  | Midland                     | <b>Local Co-ordinate Reference:</b> | Well #711H            |
| <b>Project:</b>  | Lea County, NM (NAD 83 NME) | <b>TVD Reference:</b>               | KB = 26' @ 3669.0usft |
| <b>Site:</b>     | Pegasus 3 Fed Com           | <b>MD Reference:</b>                | KB = 26' @ 3669.0usft |
| <b>Well:</b>     | #711H                       | <b>North Reference:</b>             | Grid                  |
| <b>Wellbore:</b> | OH                          | <b>Survey Calculation Method:</b>   | Minimum Curvature     |
| <b>Design:</b>   | OH                          | <b>Database:</b>                    | PEDM                  |

| Survey       |            |                      |               |               |               |                     |                      |                     |                        |                         |  |
|--------------|------------|----------------------|---------------|---------------|---------------|---------------------|----------------------|---------------------|------------------------|-------------------------|--|
| MD<br>(usft) | Inc<br>(°) | Azi (azimuth)<br>(°) | TVD<br>(usft) | N/S<br>(usft) | E/W<br>(usft) | DLeg<br>(°/100usft) | Build<br>(°/100usft) | Turn<br>(°/100usft) | High to Plan<br>(usft) | Right to Plan<br>(usft) |  |
| 7,029.0      | 1.44       | 196.60               | 6,993.7       | -323.7        | 443.4         | 0.16                | 0.15                 | 2.08                | 1.3                    | -17.7                   |  |
| 7,043.0      | 1.45       | 196.69               | 7,007.7       | -324.1        | 443.3         | 0.07                | 0.07                 | 0.64                | 0.9                    | -17.7                   |  |
| 7,057.0      | 1.46       | 196.53               | 7,021.7       | -324.4        | 443.2         | 0.08                | 0.07                 | -1.14               | 0.6                    | -17.7                   |  |
| 7,070.0      | 1.47       | 196.20               | 7,034.7       | -324.7        | 443.1         | 0.10                | 0.08                 | -2.54               | 0.3                    | -17.7                   |  |
| 7,084.0      | 1.47       | 195.79               | 7,048.7       | -325.1        | 443.0         | 0.08                | 0.00                 | -2.93               | 0.1                    | -17.7                   |  |
| 7,097.0      | 1.48       | 195.37               | 7,061.7       | -325.4        | 442.9         | 0.11                | 0.08                 | -3.23               | -0.1                   | -17.7                   |  |
| 7,111.0      | 1.49       | 195.04               | 7,075.7       | -325.7        | 442.8         | 0.09                | 0.07                 | -2.36               | -0.4                   | -17.7                   |  |
| 7,124.0      | 1.51       | 194.85               | 7,088.7       | -326.1        | 442.7         | 0.16                | 0.15                 | -1.46               | -0.6                   | -17.7                   |  |
| 7,138.0      | 1.54       | 194.92               | 7,102.7       | -326.4        | 442.6         | 0.21                | 0.21                 | 0.50                | -1.0                   | -17.7                   |  |
| 7,152.0      | 1.58       | 195.34               | 7,116.7       | -326.8        | 442.5         | 0.30                | 0.29                 | 3.00                | -1.5                   | -17.7                   |  |
| 7,165.0      | 1.63       | 195.95               | 7,129.7       | -327.1        | 442.4         | 0.41                | 0.38                 | 4.69                | -2.1                   | -17.7                   |  |
| 7,179.0      | 1.69       | 196.63               | 7,143.7       | -327.5        | 442.3         | 0.45                | 0.43                 | 4.86                | -2.7                   | -17.7                   |  |
| 7,192.0      | 1.75       | 197.30               | 7,156.6       | -327.9        | 442.2         | 0.49                | 0.46                 | 5.15                | -3.3                   | -17.6                   |  |
| 7,206.0      | 1.81       | 197.90               | 7,170.6       | -328.3        | 442.0         | 0.45                | 0.43                 | 4.29                | -3.9                   | -17.6                   |  |
| 7,219.0      | 1.87       | 198.39               | 7,183.6       | -328.7        | 441.9         | 0.48                | 0.46                 | 3.77                | -4.5                   | -17.6                   |  |
| 7,233.0      | 1.92       | 198.69               | 7,197.6       | -329.2        | 441.8         | 0.36                | 0.36                 | 2.14                | -5.0                   | -17.5                   |  |
| 7,247.0      | 1.96       | 198.86               | 7,211.6       | -329.6        | 441.6         | 0.29                | 0.29                 | 1.21                | -5.6                   | -17.5                   |  |
| 7,260.0      | 2.00       | 198.85               | 7,224.6       | -330.0        | 441.5         | 0.31                | 0.31                 | -0.08               | -6.0                   | -17.5                   |  |
| 7,274.0      | 2.02       | 198.74               | 7,238.6       | -330.5        | 441.3         | 0.15                | 0.14                 | -0.79               | -6.5                   | -17.5                   |  |
| 7,288.0      | 2.05       | 198.58               | 7,252.6       | -331.0        | 441.2         | 0.22                | 0.21                 | -1.14               | -6.9                   | -17.6                   |  |
| 7,302.0      | 2.06       | 198.40               | 7,266.6       | -331.4        | 441.0         | 0.09                | 0.07                 | -1.29               | -7.4                   | -17.6                   |  |
| 7,315.0      | 2.08       | 198.22               | 7,279.6       | -331.9        | 440.8         | 0.16                | 0.15                 | -1.38               | -7.8                   | -17.6                   |  |
| 7,329.0      | 2.08       | 198.07               | 7,293.6       | -332.4        | 440.7         | 0.04                | 0.00                 | -1.07               | -8.2                   | -17.6                   |  |
| 7,343.0      | 2.08       | 197.99               | 7,307.6       | -332.9        | 440.5         | 0.02                | 0.00                 | -0.57               | -8.7                   | -17.6                   |  |
| 7,356.0      | 2.07       | 197.96               | 7,320.5       | -333.3        | 440.4         | 0.08                | -0.08                | -0.23               | -9.2                   | -17.6                   |  |
| 7,370.0      | 2.05       | 197.96               | 7,334.5       | -333.8        | 440.2         | 0.14                | -0.14                | 0.00                | -9.7                   | -17.6                   |  |
| 7,384.0      | 2.03       | 197.99               | 7,348.5       | -334.3        | 440.1         | 0.14                | -0.14                | 0.21                | -10.2                  | -17.6                   |  |



Final PVA



|                  |                             |                                     |                       |
|------------------|-----------------------------|-------------------------------------|-----------------------|
| <b>Company:</b>  | Midland                     | <b>Local Co-ordinate Reference:</b> | Well #711H            |
| <b>Project:</b>  | Lea County, NM (NAD 83 NME) | <b>TVD Reference:</b>               | KB = 26' @ 3669.0usft |
| <b>Site:</b>     | Pegasus 3 Fed Com           | <b>MD Reference:</b>                | KB = 26' @ 3669.0usft |
| <b>Well:</b>     | #711H                       | <b>North Reference:</b>             | Grid                  |
| <b>Wellbore:</b> | OH                          | <b>Survey Calculation Method:</b>   | Minimum Curvature     |
| <b>Design:</b>   | OH                          | <b>Database:</b>                    | PEDM                  |

| Survey       |            |                      |               |               |               |                     |                      |                     |                        |                         |
|--------------|------------|----------------------|---------------|---------------|---------------|---------------------|----------------------|---------------------|------------------------|-------------------------|
| MD<br>(usft) | Inc<br>(°) | Azi (azimuth)<br>(°) | TVD<br>(usft) | N/S<br>(usft) | E/W<br>(usft) | DLeg<br>(°/100usft) | Build<br>(°/100usft) | Turn<br>(°/100usft) | High to Plan<br>(usft) | Right to Plan<br>(usft) |
| 7,398.0      | 2.01       | 198.04               | 7,362.5       | -334.7        | 439.9         | 0.14                | -0.14                | 0.36                | -10.7                  | -17.6                   |
| 7,411.0      | 1.99       | 198.12               | 7,375.5       | -335.2        | 439.8         | 0.16                | -0.15                | 0.62                | -11.2                  | -17.6                   |
| 7,425.0      | 1.97       | 198.23               | 7,389.5       | -335.6        | 439.6         | 0.15                | -0.14                | 0.79                | -11.7                  | -17.6                   |
| 7,439.0      | 1.95       | 198.37               | 7,403.5       | -336.1        | 439.5         | 0.15                | -0.14                | 1.00                | -12.2                  | -17.6                   |
| 7,452.0      | 1.93       | 198.53               | 7,416.5       | -336.5        | 439.3         | 0.16                | -0.15                | 1.23                | -12.7                  | -17.5                   |
| 7,466.0      | 1.90       | 198.70               | 7,430.5       | -336.9        | 439.2         | 0.22                | -0.21                | 1.21                | -13.2                  | -17.5                   |
| 7,479.0      | 1.88       | 198.87               | 7,443.5       | -337.3        | 439.1         | 0.16                | -0.15                | 1.31                | -13.7                  | -17.4                   |
| 7,493.0      | 1.86       | 199.04               | 7,457.5       | -337.8        | 438.9         | 0.15                | -0.14                | 1.21                | -14.2                  | -17.4                   |
| 7,506.0      | 1.84       | 199.18               | 7,470.5       | -338.2        | 438.8         | 0.16                | -0.15                | 1.08                | -14.7                  | -17.4                   |
| 7,520.0      | 1.81       | 199.29               | 7,484.5       | -338.6        | 438.6         | 0.22                | -0.21                | 0.79                | -15.2                  | -17.3                   |
| 7,534.0      | 1.79       | 199.33               | 7,498.4       | -339.0        | 438.5         | 0.14                | -0.14                | 0.29                | -15.6                  | -17.3                   |
| 7,547.0      | 1.77       | 199.31               | 7,511.4       | -339.4        | 438.3         | 0.15                | -0.15                | -0.15               | -16.0                  | -17.3                   |
| 7,561.0      | 1.75       | 199.22               | 7,525.4       | -339.8        | 438.2         | 0.14                | -0.14                | -0.64               | -16.4                  | -17.4                   |
| 7,575.0      | 1.73       | 199.03               | 7,539.4       | -340.2        | 438.1         | 0.15                | -0.14                | -1.36               | -16.8                  | -17.4                   |
| 7,589.0      | 1.72       | 198.72               | 7,553.4       | -340.6        | 437.9         | 0.10                | -0.07                | -2.21               | -17.1                  | -17.5                   |
| 7,602.0      | 1.71       | 198.23               | 7,566.4       | -341.0        | 437.8         | 0.14                | -0.08                | -3.77               | -17.3                  | -17.7                   |
| 7,616.0      | 1.71       | 197.48               | 7,580.4       | -341.4        | 437.7         | 0.16                | 0.00                 | -5.36               | -17.5                  | -17.9                   |
| 7,630.0      | 1.72       | 196.33               | 7,594.4       | -341.8        | 437.6         | 0.26                | 0.07                 | -8.21               | -17.6                  | -18.2                   |
| 7,643.0      | 1.74       | 194.99               | 7,607.4       | -342.1        | 437.4         | 0.35                | 0.15                 | -10.31              | -17.6                  | -18.7                   |
| 7,657.0      | 1.77       | 193.57               | 7,621.4       | -342.6        | 437.3         | 0.38                | 0.21                 | -10.14              | -17.5                  | -19.1                   |
| 7,670.0      | 1.79       | 192.19               | 7,634.4       | -342.9        | 437.3         | 0.36                | 0.15                 | -10.62              | -17.5                  | -19.5                   |
| 7,684.0      | 1.82       | 190.91               | 7,648.4       | -343.4        | 437.2         | 0.36                | 0.21                 | -9.14               | -17.5                  | -19.9                   |
| 7,697.0      | 1.85       | 189.82               | 7,661.4       | -343.8        | 437.1         | 0.35                | 0.23                 | -8.38               | -17.5                  | -20.2                   |
| 7,711.0      | 1.86       | 189.00               | 7,675.4       | -344.2        | 437.0         | 0.20                | 0.07                 | -5.86               | -17.6                  | -20.5                   |
| 7,725.0      | 1.86       | 188.61               | 7,689.4       | -344.7        | 436.9         | 0.09                | 0.00                 | -2.79               | -18.0                  | -20.6                   |
| 7,738.0      | 1.85       | 188.52               | 7,702.3       | -345.1        | 436.9         | 0.08                | -0.08                | -0.69               | -18.4                  | -20.6                   |
| 7,752.0      | 1.84       | 188.63               | 7,716.3       | -345.5        | 436.8         | 0.08                | -0.07                | 0.79                | -18.8                  | -20.6                   |



Final PVA



|                  |                             |                                     |                       |
|------------------|-----------------------------|-------------------------------------|-----------------------|
| <b>Company:</b>  | Midland                     | <b>Local Co-ordinate Reference:</b> | Well #711H            |
| <b>Project:</b>  | Lea County, NM (NAD 83 NME) | <b>TVD Reference:</b>               | KB = 26' @ 3669.0usft |
| <b>Site:</b>     | Pegasus 3 Fed Com           | <b>MD Reference:</b>                | KB = 26' @ 3669.0usft |
| <b>Well:</b>     | #711H                       | <b>North Reference:</b>             | Grid                  |
| <b>Wellbore:</b> | OH                          | <b>Survey Calculation Method:</b>   | Minimum Curvature     |
| <b>Design:</b>   | OH                          | <b>Database:</b>                    | PEDM                  |

| Survey       |            |                      |               |               |               |                     |                      |                     |                        |                         |
|--------------|------------|----------------------|---------------|---------------|---------------|---------------------|----------------------|---------------------|------------------------|-------------------------|
| MD<br>(usft) | Inc<br>(°) | Azi (azimuth)<br>(°) | TVD<br>(usft) | N/S<br>(usft) | E/W<br>(usft) | DLeg<br>(°/100usft) | Build<br>(°/100usft) | Turn<br>(°/100usft) | High to Plan<br>(usft) | Right to Plan<br>(usft) |
| 7,766.0      | 1.82       | 188.85               | 7,730.3       | -346.0        | 436.7         | 0.15                | -0.14                | 1.57                | -19.4                  | -20.5                   |
| 7,780.0      | 1.81       | 189.12               | 7,744.3       | -346.4        | 436.7         | 0.09                | -0.07                | 1.93                | -19.9                  | -20.4                   |
| 7,793.0      | 1.79       | 189.38               | 7,757.3       | -346.8        | 436.6         | 0.17                | -0.15                | 2.00                | -20.4                  | -20.3                   |
| 7,807.0      | 1.78       | 189.54               | 7,771.3       | -347.3        | 436.5         | 0.08                | -0.07                | 1.14                | -20.9                  | -20.3                   |
| 7,821.0      | 1.77       | 189.48               | 7,785.3       | -347.7        | 436.5         | 0.07                | -0.07                | -0.43               | -21.3                  | -20.3                   |
| 7,834.0      | 1.76       | 189.31               | 7,798.3       | -348.1        | 436.4         | 0.09                | -0.08                | -1.31               | -21.7                  | -20.4                   |
| 7,848.0      | 1.76       | 189.09               | 7,812.3       | -348.5        | 436.3         | 0.05                | 0.00                 | -1.57               | -22.0                  | -20.4                   |
| 7,862.0      | 1.75       | 188.84               | 7,826.3       | -348.9        | 436.3         | 0.09                | -0.07                | -1.79               | -22.3                  | -20.5                   |
| 7,876.0      | 1.75       | 188.61               | 7,840.3       | -349.3        | 436.2         | 0.05                | 0.00                 | -1.64               | -22.7                  | -20.6                   |
| 7,889.0      | 1.75       | 188.43               | 7,853.3       | -349.7        | 436.1         | 0.04                | 0.00                 | -1.38               | -23.0                  | -20.7                   |
| 7,903.0      | 1.76       | 188.34               | 7,867.3       | -350.2        | 436.1         | 0.07                | 0.07                 | -0.64               | -23.4                  | -20.7                   |
| 7,917.0      | 1.77       | 188.39               | 7,881.3       | -350.6        | 436.0         | 0.07                | 0.07                 | 0.36                | -23.9                  | -20.7                   |
| 7,930.0      | 1.78       | 188.54               | 7,894.3       | -351.0        | 436.0         | 0.08                | 0.08                 | 1.15                | -24.3                  | -20.7                   |
| 7,944.0      | 1.80       | 188.77               | 7,908.3       | -351.4        | 435.9         | 0.15                | 0.14                 | 1.64                | -24.8                  | -20.6                   |
| 7,957.0      | 1.81       | 189.05               | 7,921.2       | -351.8        | 435.8         | 0.10                | 0.08                 | 2.15                | -25.4                  | -20.4                   |
| 7,971.0      | 1.83       | 189.39               | 7,935.2       | -352.3        | 435.8         | 0.16                | 0.14                 | 2.43                | -25.9                  | -20.3                   |
| 7,984.0      | 1.86       | 189.79               | 7,948.2       | -352.7        | 435.7         | 0.25                | 0.23                 | 3.08                | -26.5                  | -20.1                   |
| 7,998.0      | 1.88       | 190.26               | 7,962.2       | -353.1        | 435.6         | 0.18                | 0.14                 | 3.36                | -27.1                  | -19.9                   |
| 8,012.0      | 1.90       | 190.87               | 7,976.2       | -353.6        | 435.5         | 0.20                | 0.14                 | 4.36                | -27.8                  | -19.6                   |
| 8,025.0      | 1.93       | 191.54               | 7,989.2       | -354.0        | 435.4         | 0.29                | 0.23                 | 5.15                | -28.4                  | -19.3                   |
| 8,039.0      | 1.96       | 192.22               | 8,003.2       | -354.5        | 435.3         | 0.27                | 0.21                 | 4.86                | -29.1                  | -18.9                   |
| 8,053.0      | 1.99       | 192.88               | 8,017.2       | -354.9        | 435.2         | 0.27                | 0.21                 | 4.71                | -29.8                  | -18.6                   |
| 8,067.0      | 2.02       | 193.49               | 8,031.2       | -355.4        | 435.1         | 0.26                | 0.21                 | 4.36                | -30.5                  | -18.3                   |
| 8,080.0      | 2.05       | 194.02               | 8,044.2       | -355.9        | 435.0         | 0.27                | 0.23                 | 4.08                | -31.1                  | -18.0                   |
| 8,094.0      | 2.07       | 194.41               | 8,058.2       | -356.4        | 434.9         | 0.17                | 0.14                 | 2.79                | -31.8                  | -17.8                   |
| 8,108.0      | 2.09       | 194.63               | 8,072.2       | -356.9        | 434.8         | 0.15                | 0.14                 | 1.57                | -32.3                  | -17.6                   |
| 8,121.0      | 2.11       | 194.73               | 8,085.1       | -357.3        | 434.6         | 0.16                | 0.15                 | 0.77                | -32.9                  | -17.6                   |



Final PVA



|                  |                             |                                     |                       |
|------------------|-----------------------------|-------------------------------------|-----------------------|
| <b>Company:</b>  | Midland                     | <b>Local Co-ordinate Reference:</b> | Well #711H            |
| <b>Project:</b>  | Lea County, NM (NAD 83 NME) | <b>TVD Reference:</b>               | KB = 26' @ 3669.0usft |
| <b>Site:</b>     | Pegasus 3 Fed Com           | <b>MD Reference:</b>                | KB = 26' @ 3669.0usft |
| <b>Well:</b>     | #711H                       | <b>North Reference:</b>             | Grid                  |
| <b>Wellbore:</b> | OH                          | <b>Survey Calculation Method:</b>   | Minimum Curvature     |
| <b>Design:</b>   | OH                          | <b>Database:</b>                    | PEDM                  |

| Survey       |            |                      |               |               |               |                     |                      |                     |                        |                         |
|--------------|------------|----------------------|---------------|---------------|---------------|---------------------|----------------------|---------------------|------------------------|-------------------------|
| MD<br>(usft) | Inc<br>(°) | Azi (azimuth)<br>(°) | TVD<br>(usft) | N/S<br>(usft) | E/W<br>(usft) | DLeg<br>(°/100usft) | Build<br>(°/100usft) | Turn<br>(°/100usft) | High to Plan<br>(usft) | Right to Plan<br>(usft) |
| 8,135.0      | 2.13       | 194.76               | 8,099.1       | -357.8        | 434.5         | 0.14                | 0.14                 | 0.21                | -33.4                  | -17.6                   |
| 8,149.0      | 2.15       | 194.76               | 8,113.1       | -358.3        | 434.4         | 0.14                | 0.14                 | 0.00                | -33.9                  | -17.6                   |
| 8,163.0      | 2.17       | 194.77               | 8,127.1       | -358.8        | 434.2         | 0.14                | 0.14                 | 0.07                | -34.4                  | -17.6                   |
| 8,176.0      | 2.19       | 194.80               | 8,140.1       | -359.3        | 434.1         | 0.15                | 0.15                 | 0.23                | -34.9                  | -17.5                   |
| 8,190.0      | 2.21       | 194.90               | 8,154.1       | -359.8        | 434.0         | 0.15                | 0.14                 | 0.71                | -35.5                  | -17.5                   |
| 8,204.0      | 2.22       | 195.08               | 8,168.1       | -360.3        | 433.8         | 0.09                | 0.07                 | 1.29                | -36.1                  | -17.4                   |
| 8,217.0      | 2.24       | 195.34               | 8,181.1       | -360.8        | 433.7         | 0.17                | 0.15                 | 2.00                | -36.7                  | -17.2                   |
| 8,231.0      | 2.26       | 195.65               | 8,195.1       | -361.4        | 433.6         | 0.17                | 0.14                 | 2.21                | -37.3                  | -17.0                   |
| 8,244.0      | 2.27       | 195.99               | 8,208.1       | -361.9        | 433.4         | 0.13                | 0.08                 | 2.62                | -37.9                  | -16.8                   |
| 8,258.0      | 2.28       | 196.37               | 8,222.0       | -362.4        | 433.3         | 0.13                | 0.07                 | 2.71                | -38.6                  | -16.5                   |
| 8,271.0      | 2.29       | 196.79               | 8,235.0       | -362.9        | 433.1         | 0.15                | 0.08                 | 3.23                | -39.2                  | -16.2                   |
| 8,285.0      | 2.30       | 197.26               | 8,249.0       | -363.4        | 433.0         | 0.15                | 0.07                 | 3.36                | -39.9                  | -15.9                   |
| 8,299.0      | 2.29       | 197.79               | 8,263.0       | -364.0        | 432.8         | 0.17                | -0.07                | 3.79                | -40.6                  | -15.5                   |
| 8,312.0      | 2.28       | 198.37               | 8,276.0       | -364.5        | 432.6         | 0.19                | -0.08                | 4.46                | -41.3                  | -15.1                   |
| 8,326.0      | 2.27       | 198.97               | 8,290.0       | -365.0        | 432.4         | 0.18                | -0.07                | 4.29                | -42.0                  | -14.7                   |
| 8,340.0      | 2.26       | 199.58               | 8,304.0       | -365.5        | 432.3         | 0.19                | -0.07                | 4.36                | -42.7                  | -14.2                   |
| 8,354.0      | 2.25       | 200.17               | 8,318.0       | -366.0        | 432.1         | 0.18                | -0.07                | 4.21                | -43.4                  | -13.8                   |
| 8,367.0      | 2.24       | 200.72               | 8,331.0       | -366.5        | 431.9         | 0.18                | -0.08                | 4.23                | -44.1                  | -13.4                   |
| 8,381.0      | 2.25       | 201.18               | 8,344.9       | -367.0        | 431.7         | 0.15                | 0.07                 | 3.29                | -44.7                  | -13.0                   |
| 8,395.0      | 2.26       | 201.52               | 8,358.9       | -367.5        | 431.5         | 0.12                | 0.07                 | 2.43                | -45.4                  | -12.8                   |
| 8,408.0      | 2.28       | 201.78               | 8,371.9       | -368.0        | 431.3         | 0.17                | 0.15                 | 2.00                | -45.9                  | -12.5                   |
| 8,422.0      | 2.30       | 202.00               | 8,385.9       | -368.5        | 431.1         | 0.16                | 0.14                 | 1.57                | -46.5                  | -12.4                   |
| 8,435.0      | 2.33       | 202.21               | 8,398.9       | -369.0        | 430.9         | 0.24                | 0.23                 | 1.62                | -47.1                  | -12.2                   |
| 8,449.0      | 2.35       | 202.43               | 8,412.9       | -369.5        | 430.7         | 0.16                | 0.14                 | 1.57                | -47.7                  | -12.0                   |
| 8,462.0      | 2.38       | 202.70               | 8,425.9       | -370.0        | 430.5         | 0.25                | 0.23                 | 2.08                | -48.3                  | -11.8                   |
| 8,476.0      | 2.40       | 203.04               | 8,439.9       | -370.6        | 430.3         | 0.18                | 0.14                 | 2.43                | -49.0                  | -11.5                   |
| 8,490.0      | 2.42       | 203.51               | 8,453.9       | -371.1        | 430.0         | 0.20                | 0.14                 | 3.36                | -49.7                  | -11.1                   |



Final PVA



|                  |                             |                                     |                       |
|------------------|-----------------------------|-------------------------------------|-----------------------|
| <b>Company:</b>  | Midland                     | <b>Local Co-ordinate Reference:</b> | Well #711H            |
| <b>Project:</b>  | Lea County, NM (NAD 83 NME) | <b>TVD Reference:</b>               | KB = 26' @ 3669.0usft |
| <b>Site:</b>     | Pegasus 3 Fed Com           | <b>MD Reference:</b>                | KB = 26' @ 3669.0usft |
| <b>Well:</b>     | #711H                       | <b>North Reference:</b>             | Grid                  |
| <b>Wellbore:</b> | OH                          | <b>Survey Calculation Method:</b>   | Minimum Curvature     |
| <b>Design:</b>   | OH                          | <b>Database:</b>                    | PEDM                  |

| Survey       |            |                      |               |               |               |                     |                      |                     |                        |                         |
|--------------|------------|----------------------|---------------|---------------|---------------|---------------------|----------------------|---------------------|------------------------|-------------------------|
| MD<br>(usft) | Inc<br>(°) | Azi (azimuth)<br>(°) | TVD<br>(usft) | N/S<br>(usft) | E/W<br>(usft) | DLeg<br>(°/100usft) | Build<br>(°/100usft) | Turn<br>(°/100usft) | High to Plan<br>(usft) | Right to Plan<br>(usft) |
| 8,503.0      | 2.44       | 204.05               | 8,466.8       | -371.6        | 429.8         | 0.23                | 0.15                 | 4.15                | -50.3                  | -10.6                   |
| 8,517.0      | 2.46       | 204.62               | 8,480.8       | -372.2        | 429.6         | 0.23                | 0.14                 | 4.07                | -51.0                  | -10.1                   |
| 8,531.0      | 2.47       | 205.21               | 8,494.8       | -372.7        | 429.3         | 0.19                | 0.07                 | 4.21                | -51.7                  | -9.6                    |
| 8,545.0      | 2.49       | 205.77               | 8,508.8       | -373.3        | 429.0         | 0.22                | 0.14                 | 4.00                | -52.4                  | -9.1                    |
| 8,558.0      | 2.51       | 206.28               | 8,521.8       | -373.8        | 428.8         | 0.23                | 0.15                 | 3.92                | -53.1                  | -8.6                    |
| 8,572.0      | 2.54       | 206.71               | 8,535.8       | -374.3        | 428.5         | 0.25                | 0.21                 | 3.07                | -53.7                  | -8.2                    |
| 8,586.0      | 2.57       | 207.02               | 8,549.8       | -374.9        | 428.2         | 0.24                | 0.21                 | 2.21                | -54.4                  | -7.9                    |
| 8,599.0      | 2.61       | 207.25               | 8,562.8       | -375.4        | 428.0         | 0.32                | 0.31                 | 1.77                | -55.0                  | -7.7                    |
| 8,613.0      | 2.65       | 207.42               | 8,576.7       | -376.0        | 427.7         | 0.29                | 0.29                 | 1.21                | -55.7                  | -7.5                    |
| 8,627.0      | 2.69       | 207.56               | 8,590.7       | -376.5        | 427.4         | 0.29                | 0.29                 | 1.00                | -56.4                  | -7.4                    |
| 8,641.0      | 2.73       | 207.68               | 8,604.7       | -377.1        | 427.1         | 0.29                | 0.29                 | 0.86                | -57.0                  | -7.3                    |
| 8,654.0      | 2.76       | 207.79               | 8,617.7       | -377.7        | 426.8         | 0.23                | 0.23                 | 0.85                | -57.7                  | -7.2                    |
| 8,668.0      | 2.80       | 207.90               | 8,631.7       | -378.3        | 426.5         | 0.29                | 0.29                 | 0.79                | -58.4                  | -7.1                    |
| 8,682.0      | 2.82       | 208.01               | 8,645.7       | -378.9        | 426.1         | 0.15                | 0.14                 | 0.79                | -59.1                  | -6.9                    |
| 8,695.0      | 2.84       | 208.12               | 8,658.6       | -379.5        | 425.8         | 0.16                | 0.15                 | 0.85                | -59.7                  | -6.8                    |
| 8,709.0      | 2.86       | 208.25               | 8,672.6       | -380.1        | 425.5         | 0.15                | 0.14                 | 0.93                | -60.4                  | -6.7                    |
| 8,722.0      | 2.88       | 208.40               | 8,685.6       | -380.6        | 425.2         | 0.16                | 0.15                 | 1.15                | -61.1                  | -6.5                    |
| 8,736.0      | 2.89       | 208.57               | 8,699.6       | -381.3        | 424.9         | 0.09                | 0.07                 | 1.21                | -61.8                  | -6.4                    |
| 8,749.0      | 2.91       | 208.78               | 8,712.6       | -381.8        | 424.5         | 0.17                | 0.15                 | 1.62                | -62.5                  | -6.1                    |
| 8,763.0      | 2.93       | 209.04               | 8,726.6       | -382.5        | 424.2         | 0.17                | 0.14                 | 1.86                | -63.2                  | -5.8                    |
| 8,777.0      | 2.94       | 209.37               | 8,740.5       | -383.1        | 423.9         | 0.14                | 0.07                 | 2.36                | -64.0                  | -5.5                    |
| 8,790.0      | 2.96       | 209.77               | 8,753.5       | -383.7        | 423.5         | 0.22                | 0.15                 | 3.08                | -64.7                  | -5.0                    |
| 8,804.0      | 2.97       | 210.23               | 8,767.5       | -384.3        | 423.2         | 0.18                | 0.07                 | 3.29                | -65.5                  | -4.5                    |
| 8,818.0      | 2.99       | 210.75               | 8,781.5       | -384.9        | 422.8         | 0.24                | 0.14                 | 3.71                | -66.2                  | -3.9                    |
| 8,832.0      | 3.00       | 211.34               | 8,795.5       | -385.5        | 422.4         | 0.23                | 0.07                 | 4.21                | -67.0                  | -3.2                    |
| 8,845.0      | 3.01       | 212.05               | 8,808.4       | -386.1        | 422.1         | 0.30                | 0.08                 | 5.46                | -67.7                  | -2.4                    |
| 8,859.0      | 3.02       | 212.93               | 8,822.4       | -386.8        | 421.7         | 0.34                | 0.07                 | 6.29                | -68.5                  | -1.3                    |



Final PVA



|                  |                             |                                     |                       |
|------------------|-----------------------------|-------------------------------------|-----------------------|
| <b>Company:</b>  | Midland                     | <b>Local Co-ordinate Reference:</b> | Well #711H            |
| <b>Project:</b>  | Lea County, NM (NAD 83 NME) | <b>TVD Reference:</b>               | KB = 26' @ 3669.0usft |
| <b>Site:</b>     | Pegasus 3 Fed Com           | <b>MD Reference:</b>                | KB = 26' @ 3669.0usft |
| <b>Well:</b>     | #711H                       | <b>North Reference:</b>             | Grid                  |
| <b>Wellbore:</b> | OH                          | <b>Survey Calculation Method:</b>   | Minimum Curvature     |
| <b>Design:</b>   | OH                          | <b>Database:</b>                    | PEDM                  |

| Survey       |            |                      |               |               |               |                     |                      |                     |                        |                         |
|--------------|------------|----------------------|---------------|---------------|---------------|---------------------|----------------------|---------------------|------------------------|-------------------------|
| MD<br>(usft) | Inc<br>(°) | Azi (azimuth)<br>(°) | TVD<br>(usft) | N/S<br>(usft) | E/W<br>(usft) | DLeg<br>(°/100usft) | Build<br>(°/100usft) | Turn<br>(°/100usft) | High to Plan<br>(usft) | Right to Plan<br>(usft) |
| 8,872.0      | 3.03       | 214.04               | 8,835.4       | -387.3        | 421.3         | 0.46                | 0.08                 | 8.54                | -69.2                  | 0.0                     |
| 8,886.0      | 3.03       | 215.28               | 8,849.4       | -387.9        | 420.9         | 0.47                | 0.00                 | 8.86                | -69.9                  | 1.5                     |
| 8,899.0      | 3.02       | 216.59               | 8,862.4       | -388.5        | 420.5         | 0.54                | -0.08                | 10.08               | -70.5                  | 3.1                     |
| 8,913.0      | 3.02       | 217.89               | 8,876.4       | -389.1        | 420.0         | 0.49                | 0.00                 | 9.29                | -71.2                  | 4.7                     |
| 8,926.0      | 3.02       | 219.13               | 8,889.3       | -389.6        | 419.6         | 0.50                | 0.00                 | 9.54                | -71.7                  | 6.3                     |
| 8,940.0      | 3.02       | 220.23               | 8,903.3       | -390.2        | 419.1         | 0.41                | 0.00                 | 7.86                | -72.3                  | 7.7                     |
| 8,953.0      | 3.02       | 221.08               | 8,916.3       | -390.7        | 418.7         | 0.34                | 0.00                 | 6.54                | -72.9                  | 8.7                     |
| 8,967.0      | 3.01       | 221.51               | 8,930.3       | -391.3        | 418.2         | 0.18                | -0.07                | 3.07                | -73.6                  | 9.3                     |
| 8,980.0      | 3.00       | 221.69               | 8,943.3       | -391.8        | 417.7         | 0.11                | -0.08                | 1.38                | -74.2                  | 9.5                     |
| 8,994.0      | 3.00       | 221.72               | 8,957.2       | -392.3        | 417.2         | 0.01                | 0.00                 | 0.21                | -75.0                  | 9.6                     |
| 9,007.0      | 2.98       | 221.68               | 8,970.2       | -392.8        | 416.8         | 0.15                | -0.15                | -0.31               | -75.6                  | 9.5                     |
| 9,021.0      | 2.96       | 221.63               | 8,984.2       | -393.4        | 416.3         | 0.14                | -0.14                | -0.36               | -76.4                  | 9.4                     |
| 9,034.0      | 2.93       | 221.64               | 8,997.2       | -393.9        | 415.9         | 0.23                | -0.23                | 0.08                | -77.0                  | 9.5                     |
| 9,048.0      | 2.88       | 221.79               | 9,011.2       | -394.4        | 415.4         | 0.36                | -0.36                | 1.07                | -77.7                  | 9.7                     |
| 9,062.0      | 2.81       | 222.31               | 9,025.2       | -394.9        | 414.9         | 0.53                | -0.50                | 3.71                | -78.3                  | 10.4                    |
| 9,075.0      | 2.72       | 223.06               | 9,038.1       | -395.4        | 414.5         | 0.75                | -0.69                | 5.77                | -78.8                  | 11.4                    |
| 9,089.0      | 2.63       | 223.97               | 9,052.1       | -395.8        | 414.1         | 0.71                | -0.64                | 6.50                | -79.3                  | 12.7                    |
| 9,102.0      | 2.56       | 224.99               | 9,065.1       | -396.3        | 413.6         | 0.65                | -0.54                | 7.85                | -79.6                  | 14.1                    |
| 9,116.0      | 2.51       | 226.03               | 9,079.1       | -396.7        | 413.2         | 0.49                | -0.36                | 7.43                | -80.0                  | 15.5                    |
| 9,129.0      | 2.50       | 227.01               | 9,092.1       | -397.1        | 412.8         | 0.34                | -0.08                | 7.54                | -80.3                  | 16.9                    |
| 9,143.0      | 2.20       | 227.01               | 9,106.1       | -397.5        | 412.4         | 2.14                | -2.14                | 0.00                | -80.8                  | 16.9                    |
| 9,157.0      | 1.94       | 229.81               | 9,120.1       | -397.8        | 412.0         | 1.99                | -1.86                | 20.00               | -80.4                  | 20.8                    |
| 9,170.0      | 2.13       | 230.99               | 9,133.1       | -398.1        | 411.6         | 1.50                | 1.46                 | 9.08                | -80.4                  | 22.5                    |
| 9,184.0      | 2.36       | 231.99               | 9,147.0       | -398.4        | 411.2         | 1.67                | 1.64                 | 7.14                | -80.6                  | 23.9                    |
| 9,197.0      | 2.61       | 232.72               | 9,160.0       | -398.8        | 410.8         | 1.94                | 1.92                 | 5.62                | -80.8                  | 24.9                    |
| 9,211.0      | 2.86       | 233.17               | 9,174.0       | -399.2        | 410.2         | 1.79                | 1.79                 | 3.21                | -81.3                  | 25.6                    |
| 9,224.0      | 3.10       | 233.30               | 9,187.0       | -399.6        | 409.7         | 1.85                | 1.85                 | 1.00                | -81.9                  | 25.8                    |



Final PVA



|                  |                             |                                     |                       |
|------------------|-----------------------------|-------------------------------------|-----------------------|
| <b>Company:</b>  | Midland                     | <b>Local Co-ordinate Reference:</b> | Well #711H            |
| <b>Project:</b>  | Lea County, NM (NAD 83 NME) | <b>TVD Reference:</b>               | KB = 26' @ 3669.0usft |
| <b>Site:</b>     | Pegasus 3 Fed Com           | <b>MD Reference:</b>                | KB = 26' @ 3669.0usft |
| <b>Well:</b>     | #711H                       | <b>North Reference:</b>             | Grid                  |
| <b>Wellbore:</b> | OH                          | <b>Survey Calculation Method:</b>   | Minimum Curvature     |
| <b>Design:</b>   | OH                          | <b>Database:</b>                    | PEDM                  |

| Survey       |            |                      |               |               |               |                     |                      |                     |                        |                         |
|--------------|------------|----------------------|---------------|---------------|---------------|---------------------|----------------------|---------------------|------------------------|-------------------------|
| MD<br>(usft) | Inc<br>(°) | Azi (azimuth)<br>(°) | TVD<br>(usft) | N/S<br>(usft) | E/W<br>(usft) | DLeg<br>(°/100usft) | Build<br>(°/100usft) | Turn<br>(°/100usft) | High to Plan<br>(usft) | Right to Plan<br>(usft) |
| 9,238.0      | 3.31       | 233.05               | 9,201.0       | -400.1        | 409.1         | 1.50                | 1.50                 | -1.79               | -82.8                  | 25.4                    |
| 9,252.0      | 3.46       | 232.17               | 9,215.0       | -400.6        | 408.4         | 1.13                | 1.07                 | -6.29               | -84.0                  | 24.1                    |
| 9,265.0      | 3.56       | 231.01               | 9,227.9       | -401.1        | 407.8         | 0.94                | 0.77                 | -8.92               | -85.3                  | 22.4                    |
| 9,279.0      | 3.64       | 229.72               | 9,241.9       | -401.6        | 407.1         | 0.81                | 0.57                 | -9.21               | -86.7                  | 20.5                    |
| 9,292.0      | 3.70       | 228.39               | 9,254.9       | -402.2        | 406.5         | 0.80                | 0.46                 | -10.23              | -87.9                  | 18.4                    |
| 9,306.0      | 3.75       | 227.11               | 9,268.8       | -402.8        | 405.8         | 0.69                | 0.36                 | -9.14               | -89.2                  | 16.5                    |
| 9,319.0      | 3.77       | 225.95               | 9,281.8       | -403.4        | 405.2         | 0.61                | 0.15                 | -8.92               | -90.4                  | 14.6                    |
| 9,333.0      | 3.78       | 225.01               | 9,295.8       | -404.0        | 404.5         | 0.45                | 0.07                 | -6.71               | -91.6                  | 13.1                    |
| 9,347.0      | 3.75       | 224.54               | 9,309.8       | -404.7        | 403.9         | 0.31                | -0.21                | -3.36               | -92.6                  | 12.4                    |
| 9,360.0      | 3.70       | 224.35               | 9,322.7       | -405.3        | 403.3         | 0.40                | -0.38                | -1.46               | -93.5                  | 12.1                    |
| 9,374.0      | 3.65       | 224.36               | 9,336.7       | -405.9        | 402.7         | 0.36                | -0.36                | 0.07                | -94.3                  | 12.1                    |
| 9,387.0      | 3.59       | 224.49               | 9,349.7       | -406.5        | 402.1         | 0.47                | -0.46                | 1.00                | -95.0                  | 12.3                    |
| 9,401.0      | 3.55       | 224.70               | 9,363.6       | -407.1        | 401.5         | 0.30                | -0.29                | 1.50                | -95.8                  | 12.6                    |
| 9,414.0      | 3.38       | 224.72               | 9,376.6       | -407.7        | 400.9         | 1.31                | -1.31                | 0.15                | -96.4                  | 12.6                    |
| 9,428.0      | 2.87       | 223.96               | 9,390.6       | -408.2        | 400.4         | 3.65                | -3.64                | -5.43               | -97.1                  | 11.3                    |
| 9,442.0      | 2.37       | 222.88               | 9,404.6       | -408.7        | 399.9         | 3.59                | -3.57                | -7.71               | -97.8                  | 9.4                     |
| 9,455.0      | 2.06       | 222.09               | 9,417.6       | -409.1        | 399.6         | 2.40                | -2.38                | -6.08               | -98.2                  | 8.0                     |
| 9,469.0      | 2.11       | 222.79               | 9,431.6       | -409.4        | 399.3         | 0.40                | 0.36                 | 5.00                | -98.3                  | 9.2                     |
| 9,482.0      | 2.17       | 223.52               | 9,444.6       | -409.8        | 398.9         | 0.51                | 0.46                 | 5.62                | -98.4                  | 10.4                    |
| 9,496.0      | 2.23       | 224.24               | 9,458.5       | -410.2        | 398.6         | 0.47                | 0.43                 | 5.14                | -98.4                  | 11.5                    |
| 9,509.0      | 2.27       | 224.92               | 9,471.5       | -410.5        | 398.2         | 0.37                | 0.31                 | 5.23                | -98.5                  | 12.6                    |
| 9,523.0      | 2.30       | 225.56               | 9,485.5       | -410.9        | 397.8         | 0.28                | 0.21                 | 4.57                | -98.5                  | 13.7                    |
| 9,537.0      | 2.28       | 226.04               | 9,499.5       | -411.3        | 397.4         | 0.20                | -0.14                | 3.43                | -98.5                  | 14.4                    |
| 9,550.0      | 2.23       | 226.36               | 9,512.5       | -411.7        | 397.0         | 0.40                | -0.38                | 2.46                | -98.5                  | 14.8                    |
| 9,564.0      | 2.18       | 226.54               | 9,526.5       | -412.0        | 396.6         | 0.36                | -0.36                | 1.29                | -98.5                  | 15.0                    |
| 9,578.0      | 2.12       | 226.58               | 9,540.5       | -412.4        | 396.3         | 0.43                | -0.43                | 0.29                | -98.5                  | 15.0                    |
| 9,592.0      | 2.08       | 226.44               | 9,554.5       | -412.8        | 395.9         | 0.29                | -0.29                | -1.00               | -98.6                  | 14.7                    |



Final PVA



|                  |                             |                                     |                       |
|------------------|-----------------------------|-------------------------------------|-----------------------|
| <b>Company:</b>  | Midland                     | <b>Local Co-ordinate Reference:</b> | Well #711H            |
| <b>Project:</b>  | Lea County, NM (NAD 83 NME) | <b>TVD Reference:</b>               | KB = 26' @ 3669.0usft |
| <b>Site:</b>     | Pegasus 3 Fed Com           | <b>MD Reference:</b>                | KB = 26' @ 3669.0usft |
| <b>Well:</b>     | #711H                       | <b>North Reference:</b>             | Grid                  |
| <b>Wellbore:</b> | OH                          | <b>Survey Calculation Method:</b>   | Minimum Curvature     |
| <b>Design:</b>   | OH                          | <b>Database:</b>                    | PEDM                  |

| Survey       |            |                      |               |               |               |                     |                      |                     |                        |                         |
|--------------|------------|----------------------|---------------|---------------|---------------|---------------------|----------------------|---------------------|------------------------|-------------------------|
| MD<br>(usft) | Inc<br>(°) | Azi (azimuth)<br>(°) | TVD<br>(usft) | N/S<br>(usft) | E/W<br>(usft) | DLeg<br>(°/100usft) | Build<br>(°/100usft) | Turn<br>(°/100usft) | High to Plan<br>(usft) | Right to Plan<br>(usft) |
| 9,605.0      | 1.91       | 229.96               | 9,567.5       | -413.1        | 395.5         | 1.61                | -1.31                | 27.08               | -97.5                  | 20.6                    |
| 9,619.0      | 1.58       | 241.47               | 9,581.5       | -413.3        | 395.2         | 3.43                | -2.36                | 82.21               | -91.5                  | 39.4                    |
| 9,633.0      | 1.42       | 252.39               | 9,595.5       | -413.4        | 394.9         | 2.33                | -1.14                | 78.00               | -82.4                  | 55.8                    |
| 9,646.0      | 1.51       | 250.69               | 9,608.5       | -413.6        | 394.5         | 0.77                | 0.69                 | -13.08              | -83.9                  | 53.0                    |
| 9,660.0      | 1.62       | 249.00               | 9,622.4       | -413.7        | 394.2         | 0.85                | 0.79                 | -12.07              | -85.5                  | 50.2                    |
| 9,674.0      | 1.73       | 247.54               | 9,636.4       | -413.8        | 393.8         | 0.84                | 0.79                 | -10.43              | -86.7                  | 47.8                    |
| 9,688.0      | 1.82       | 246.43               | 9,650.4       | -414.0        | 393.4         | 0.69                | 0.64                 | -7.93               | -87.7                  | 45.8                    |
| 9,701.0      | 1.80       | 250.52               | 9,663.4       | -414.2        | 393.0         | 1.01                | -0.15                | 31.46               | -84.2                  | 51.7                    |
| 9,715.0      | 1.66       | 263.66               | 9,677.4       | -414.3        | 392.6         | 3.00                | -1.00                | 93.86               | -70.4                  | 69.2                    |
| 9,729.0      | 1.64       | 264.22               | 9,691.4       | -414.3        | 392.2         | 0.18                | -0.14                | 4.00                | -69.8                  | 69.5                    |
| 9,742.0      | 1.61       | 265.39               | 9,704.4       | -414.3        | 391.9         | 0.34                | -0.23                | 9.00                | -68.5                  | 70.5                    |
| 9,756.0      | 1.56       | 266.97               | 9,718.4       | -414.4        | 391.5         | 0.47                | -0.36                | 11.29               | -66.6                  | 72.0                    |
| 9,770.0      | 1.52       | 268.75               | 9,732.4       | -414.4        | 391.1         | 0.45                | -0.29                | 12.71               | -64.4                  | 73.7                    |
| 9,784.0      | 1.48       | 270.47               | 9,746.4       | -414.4        | 390.7         | 0.43                | -0.29                | 12.29               | -62.3                  | 75.2                    |
| 9,797.0      | 1.44       | 271.77               | 9,759.4       | -414.4        | 390.4         | 0.40                | -0.31                | 10.00               | -60.7                  | 76.2                    |
| 9,811.0      | 1.43       | 272.12               | 9,773.4       | -414.4        | 390.0         | 0.09                | -0.07                | 2.50                | -60.3                  | 76.1                    |
| 9,825.0      | 1.45       | 270.94               | 9,787.4       | -414.3        | 389.7         | 0.26                | 0.14                 | -8.43               | -62.0                  | 74.5                    |
| 9,838.0      | 1.49       | 269.15               | 9,800.4       | -414.3        | 389.4         | 0.47                | 0.31                 | -13.77              | -64.3                  | 72.1                    |
| 9,852.0      | 1.55       | 267.16               | 9,814.4       | -414.4        | 389.0         | 0.57                | 0.43                 | -14.21              | -66.9                  | 69.5                    |
| 9,865.0      | 1.61       | 265.27               | 9,827.4       | -414.4        | 388.6         | 0.61                | 0.46                 | -14.54              | -69.2                  | 66.9                    |
| 9,879.0      | 1.68       | 263.63               | 9,841.4       | -414.4        | 388.2         | 0.60                | 0.50                 | -11.71              | -71.2                  | 64.5                    |
| 9,892.0      | 1.74       | 262.41               | 9,854.4       | -414.5        | 387.8         | 0.54                | 0.46                 | -9.38               | -72.6                  | 62.6                    |
| 9,906.0      | 1.79       | 261.73               | 9,868.4       | -414.5        | 387.4         | 0.39                | 0.36                 | -4.86               | -73.5                  | 61.4                    |
| 9,920.0      | 1.82       | 261.68               | 9,882.3       | -414.6        | 387.0         | 0.21                | 0.21                 | -0.36               | -73.7                  | 61.0                    |
| 9,933.0      | 1.83       | 262.23               | 9,895.3       | -414.6        | 386.6         | 0.16                | 0.08                 | 4.23                | -73.2                  | 61.3                    |
| 9,947.0      | 1.83       | 263.19               | 9,909.3       | -414.7        | 386.1         | 0.22                | 0.00                 | 6.86                | -72.3                  | 62.2                    |
| 9,960.0      | 1.83       | 264.45               | 9,922.3       | -414.7        | 385.7         | 0.31                | 0.00                 | 9.69                | -71.0                  | 63.4                    |

|                  |                             |                                     |                       |
|------------------|-----------------------------|-------------------------------------|-----------------------|
| <b>Company:</b>  | Midland                     | <b>Local Co-ordinate Reference:</b> | Well #711H            |
| <b>Project:</b>  | Lea County, NM (NAD 83 NME) | <b>TVD Reference:</b>               | KB = 26' @ 3669.0usft |
| <b>Site:</b>     | Pegasus 3 Fed Com           | <b>MD Reference:</b>                | KB = 26' @ 3669.0usft |
| <b>Well:</b>     | #711H                       | <b>North Reference:</b>             | Grid                  |
| <b>Wellbore:</b> | OH                          | <b>Survey Calculation Method:</b>   | Minimum Curvature     |
| <b>Design:</b>   | OH                          | <b>Database:</b>                    | PEDM                  |

| Survey       |            |                      |               |               |               |                     |                      |                     |                        |                         |
|--------------|------------|----------------------|---------------|---------------|---------------|---------------------|----------------------|---------------------|------------------------|-------------------------|
| MD<br>(usft) | Inc<br>(°) | Azi (azimuth)<br>(°) | TVD<br>(usft) | N/S<br>(usft) | E/W<br>(usft) | DLeg<br>(°/100usft) | Build<br>(°/100usft) | Turn<br>(°/100usft) | High to Plan<br>(usft) | Right to Plan<br>(usft) |
| 9,974.0      | 1.83       | 265.91               | 9,936.3       | -414.8        | 385.3         | 0.33                | 0.00                 | 10.43               | -69.6                  | 64.8                    |
| 9,987.0      | 1.66       | 265.35               | 9,949.3       | -414.8        | 384.9         | 1.31                | -1.31                | -4.31               | -70.3                  | 63.8                    |
| 10,001.0     | 1.27       | 260.40               | 9,963.3       | -414.9        | 384.5         | 2.93                | -2.79                | -35.36              | -75.6                  | 57.1                    |
| 10,015.0     | 0.90       | 250.86               | 9,977.3       | -414.9        | 384.3         | 2.93                | -2.64                | -68.14              | -83.9                  | 43.5                    |
| 10,028.0     | 0.59       | 230.08               | 9,990.3       | -415.0        | 384.1         | 3.13                | -2.38                | -159.85             | -93.6                  | 10.8                    |
| 10,042.0     | 0.47       | 200.92               | 10,004.3      | -415.1        | 384.0         | 2.08                | -0.86                | -208.29             | -86.6                  | -36.1                   |
| 10,056.0     | 0.63       | 209.06               | 10,018.3      | -415.2        | 384.0         | 1.27                | 1.14                 | 58.14               | -90.5                  | -23.4                   |
| 10,070.0     | 0.80       | 213.77               | 10,032.3      | -415.4        | 383.9         | 1.28                | 1.21                 | 33.64               | -91.8                  | -15.9                   |
| 10,083.0     | 0.98       | 216.80               | 10,045.3      | -415.5        | 383.8         | 1.43                | 1.38                 | 23.31               | -92.3                  | -11.1                   |
| 10,097.0     | 1.16       | 218.90               | 10,059.3      | -415.7        | 383.6         | 1.32                | 1.29                 | 15.00               | -92.4                  | -7.7                    |
| 10,111.0     | 1.09       | 209.91               | 10,073.3      | -416.0        | 383.5         | 1.35                | -0.50                | -64.21              | -89.9                  | -22.1                   |
| 10,124.0     | 1.14       | 188.93               | 10,086.3      | -416.2        | 383.4         | 3.15                | 0.38                 | -161.38             | -75.9                  | -52.6                   |
| 10,138.0     | 1.32       | 171.41               | 10,100.3      | -416.5        | 383.4         | 2.96                | 1.29                 | -125.14             | -56.5                  | -72.7                   |
| 10,151.0     | 1.26       | 176.79               | 10,113.3      | -416.8        | 383.4         | 1.04                | -0.46                | 41.38               | -63.0                  | -66.8                   |
| 10,165.0     | 1.17       | 189.31               | 10,127.3      | -417.1        | 383.4         | 2.00                | -0.64                | 89.43               | -75.8                  | -51.4                   |
| 10,178.0     | 1.16       | 204.95               | 10,140.3      | -417.3        | 383.3         | 2.44                | -0.08                | 120.31              | -86.7                  | -28.9                   |
| 10,192.0     | 1.27       | 221.02               | 10,154.3      | -417.6        | 383.2         | 2.55                | 0.79                 | 114.79              | -91.1                  | -3.9                    |
| 10,206.0     | 1.18       | 240.44               | 10,168.3      | -417.8        | 382.9         | 3.02                | -0.64                | 138.71              | -87.1                  | 26.5                    |
| 10,219.0     | 1.24       | 260.40               | 10,181.3      | -417.9        | 382.7         | 3.26                | 0.46                 | 153.54              | -72.8                  | 54.3                    |
| 10,233.0     | 1.38       | 273.32               | 10,195.3      | -417.9        | 382.4         | 2.33                | 1.00                 | 92.29               | -58.9                  | 68.8                    |
| 10,247.0     | 1.52       | 279.52               | 10,209.3      | -417.8        | 382.0         | 1.50                | 1.00                 | 44.29               | -51.3                  | 74.3                    |
| 10,261.0     | 1.55       | 285.94               | 10,223.3      | -417.7        | 381.6         | 1.25                | 0.21                 | 45.86               | -42.9                  | 79.2                    |
| 10,274.0     | 1.46       | 291.89               | 10,236.3      | -417.6        | 381.3         | 1.39                | -0.69                | 45.77               | -34.7                  | 82.8                    |
| 10,288.0     | 1.46       | 294.06               | 10,250.2      | -417.5        | 381.0         | 0.39                | 0.00                 | 15.50               | -31.8                  | 83.5                    |
| 10,302.0     | 1.49       | 296.69               | 10,264.2      | -417.3        | 380.7         | 0.53                | 0.21                 | 18.79               | -28.2                  | 84.4                    |
| 10,315.0     | 1.53       | 298.45               | 10,277.2      | -417.2        | 380.4         | 0.47                | 0.31                 | 13.54               | -25.9                  | 84.8                    |
| 10,329.0     | 1.59       | 299.62               | 10,291.2      | -417.0        | 380.0         | 0.49                | 0.43                 | 8.36                | -24.6                  | 84.9                    |



Final PVA



|                  |                             |                                     |                       |
|------------------|-----------------------------|-------------------------------------|-----------------------|
| <b>Company:</b>  | Midland                     | <b>Local Co-ordinate Reference:</b> | Well #711H            |
| <b>Project:</b>  | Lea County, NM (NAD 83 NME) | <b>TVD Reference:</b>               | KB = 26' @ 3669.0usft |
| <b>Site:</b>     | Pegasus 3 Fed Com           | <b>MD Reference:</b>                | KB = 26' @ 3669.0usft |
| <b>Well:</b>     | #711H                       | <b>North Reference:</b>             | Grid                  |
| <b>Wellbore:</b> | OH                          | <b>Survey Calculation Method:</b>   | Minimum Curvature     |
| <b>Design:</b>   | OH                          | <b>Database:</b>                    | PEDM                  |

| Survey       |            |                      |               |               |               |                     |                      |                     |                        |                         |
|--------------|------------|----------------------|---------------|---------------|---------------|---------------------|----------------------|---------------------|------------------------|-------------------------|
| MD<br>(usft) | Inc<br>(°) | Azi (azimuth)<br>(°) | TVD<br>(usft) | N/S<br>(usft) | E/W<br>(usft) | DLeg<br>(°/100usft) | Build<br>(°/100usft) | Turn<br>(°/100usft) | High to Plan<br>(usft) | Right to Plan<br>(usft) |
| 10,342.0     | 1.64       | 300.35               | 10,304.2      | -416.8        | 379.7         | 0.42                | 0.38                 | 5.62                | -23.8                  | 84.7                    |
| 10,356.0     | 1.69       | 300.79               | 10,318.2      | -416.6        | 379.4         | 0.37                | 0.36                 | 3.14                | -23.5                  | 84.4                    |
| 10,369.0     | 1.73       | 300.99               | 10,331.2      | -416.4        | 379.0         | 0.31                | 0.31                 | 1.54                | -23.6                  | 84.1                    |
| 10,383.0     | 1.76       | 301.00               | 10,345.2      | -416.2        | 378.7         | 0.21                | 0.21                 | 0.07                | -24.0                  | 83.6                    |
| 10,397.0     | 1.76       | 300.77               | 10,359.2      | -416.0        | 378.3         | 0.05                | 0.00                 | -1.64               | -24.8                  | 83.0                    |
| 10,410.0     | 1.75       | 300.60               | 10,372.2      | -415.8        | 377.9         | 0.09                | -0.08                | -1.31               | -25.4                  | 82.5                    |
| 10,424.0     | 1.72       | 300.46               | 10,386.2      | -415.5        | 377.6         | 0.22                | -0.21                | -1.00               | -26.0                  | 81.9                    |
| 10,437.0     | 1.69       | 300.36               | 10,399.2      | -415.4        | 377.2         | 0.23                | -0.23                | -0.77               | -26.5                  | 81.5                    |
| 10,451.0     | 1.66       | 300.36               | 10,413.2      | -415.1        | 376.9         | 0.21                | -0.21                | 0.00                | -26.9                  | 81.0                    |
| 10,464.0     | 1.63       | 300.52               | 10,426.2      | -415.0        | 376.6         | 0.23                | -0.23                | 1.23                | -27.0                  | 80.6                    |
| 10,478.0     | 1.07       | 329.37               | 10,440.2      | -414.7        | 376.3         | 6.17                | -4.00                | 206.07              | 14.8                   | 83.3                    |
| 10,492.0     | 0.48       | 340.06               | 10,454.2      | -414.6        | 376.2         | 4.32                | -4.21                | 76.36               | 29.5                   | 78.7                    |
| 10,505.0     | 0.64       | 340.41               | 10,467.2      | -414.5        | 376.2         | 1.23                | 1.23                 | 2.69                | 29.6                   | 78.2                    |
| 10,519.0     | 0.81       | 340.61               | 10,481.2      | -414.3        | 376.1         | 1.21                | 1.21                 | 1.43                | 29.4                   | 77.7                    |
| 10,533.0     | 0.97       | 340.74               | 10,495.2      | -414.1        | 376.1         | 1.14                | 1.14                 | 0.93                | 29.0                   | 77.3                    |
| 10,547.0     | 1.13       | 340.83               | 10,509.2      | -413.8        | 376.0         | 1.14                | 1.14                 | 0.64                | 28.6                   | 76.8                    |
| 10,560.0     | 1.11       | 353.57               | 10,522.2      | -413.6        | 375.9         | 1.92                | -0.15                | 98.00               | 44.3                   | 68.4                    |
| 10,574.0     | 1.35       | 28.49                | 10,536.2      | -413.3        | 376.0         | 5.52                | 1.71                 | 249.43              | 74.7                   | 30.7                    |
| 10,588.0     | 1.80       | 46.36                | 10,550.2      | -413.0        | 376.2         | 4.72                | 3.21                 | 127.64              | 79.7                   | 6.5                     |
| 10,601.0     | 1.85       | 47.42                | 10,563.1      | -412.7        | 376.5         | 0.46                | 0.38                 | 8.15                | 78.9                   | 5.1                     |
| 10,615.0     | 1.90       | 48.46                | 10,577.1      | -412.4        | 376.9         | 0.43                | 0.36                 | 7.43                | 78.1                   | 3.8                     |
| 10,628.0     | 1.95       | 49.48                | 10,590.1      | -412.1        | 377.2         | 0.47                | 0.38                 | 7.85                | 77.3                   | 2.5                     |
| 10,642.0     | 2.00       | 50.48                | 10,604.1      | -411.8        | 377.6         | 0.43                | 0.36                 | 7.14                | 76.4                   | 1.3                     |
| 10,655.0     | 2.04       | 51.50                | 10,617.1      | -411.5        | 377.9         | 0.41                | 0.31                 | 7.85                | 75.5                   | 0.1                     |
| 10,669.0     | 2.06       | 52.56                | 10,631.1      | -411.2        | 378.3         | 0.31                | 0.14                 | 7.57                | 74.5                   | -1.1                    |
| 10,683.0     | 2.05       | 53.78                | 10,645.1      | -410.9        | 378.7         | 0.32                | -0.07                | 8.71                | 73.5                   | -2.5                    |
| 10,696.0     | 2.02       | 55.06                | 10,658.1      | -410.7        | 379.1         | 0.42                | -0.23                | 9.85                | 72.6                   | -4.0                    |



Final PVA



|                  |                             |                                     |                       |
|------------------|-----------------------------|-------------------------------------|-----------------------|
| <b>Company:</b>  | Midland                     | <b>Local Co-ordinate Reference:</b> | Well #711H            |
| <b>Project:</b>  | Lea County, NM (NAD 83 NME) | <b>TVD Reference:</b>               | KB = 26' @ 3669.0usft |
| <b>Site:</b>     | Pegasus 3 Fed Com           | <b>MD Reference:</b>                | KB = 26' @ 3669.0usft |
| <b>Well:</b>     | #711H                       | <b>North Reference:</b>             | Grid                  |
| <b>Wellbore:</b> | OH                          | <b>Survey Calculation Method:</b>   | Minimum Curvature     |
| <b>Design:</b>   | OH                          | <b>Database:</b>                    | PEDM                  |

| Survey       |            |                      |               |               |               |                     |                      |                     |                        |                         |
|--------------|------------|----------------------|---------------|---------------|---------------|---------------------|----------------------|---------------------|------------------------|-------------------------|
| MD<br>(usft) | Inc<br>(°) | Azi (azimuth)<br>(°) | TVD<br>(usft) | N/S<br>(usft) | E/W<br>(usft) | DLeg<br>(°/100usft) | Build<br>(°/100usft) | Turn<br>(°/100usft) | High to Plan<br>(usft) | Right to Plan<br>(usft) |
| 10,710.0     | 1.98       | 56.36                | 10,672.1      | -410.4        | 379.5         | 0.43                | -0.29                | 9.29                | 71.5                   | -5.5                    |
| 10,724.0     | 1.93       | 57.62                | 10,686.1      | -410.1        | 379.9         | 0.47                | -0.36                | 9.00                | 70.5                   | -6.8                    |
| 10,738.0     | 1.89       | 58.76                | 10,700.1      | -409.9        | 380.3         | 0.39                | -0.29                | 8.14                | 69.4                   | -8.0                    |
| 10,751.0     | 1.85       | 59.66                | 10,713.1      | -409.7        | 380.7         | 0.38                | -0.31                | 6.92                | 68.5                   | -8.9                    |
| 10,765.0     | 1.82       | 60.13                | 10,727.0      | -409.4        | 381.1         | 0.24                | -0.21                | 3.36                | 67.5                   | -9.3                    |
| 10,779.0     | 1.82       | 59.89                | 10,741.0      | -409.2        | 381.4         | 0.05                | 0.00                 | -1.71               | 66.7                   | -8.8                    |
| 10,792.0     | 1.83       | 59.24                | 10,754.0      | -409.0        | 381.8         | 0.18                | 0.08                 | -5.00               | 66.0                   | -7.8                    |
| 10,806.0     | 1.85       | 58.34                | 10,768.0      | -408.8        | 382.2         | 0.25                | 0.14                 | -6.43               | 65.2                   | -6.6                    |
| 10,819.0     | 1.88       | 57.33                | 10,781.0      | -408.6        | 382.5         | 0.34                | 0.23                 | -7.77               | 64.5                   | -5.3                    |
| 10,833.0     | 1.91       | 56.31                | 10,795.0      | -408.3        | 382.9         | 0.32                | 0.21                 | -7.29               | 63.6                   | -3.9                    |
| 10,846.0     | 1.93       | 55.34                | 10,808.0      | -408.1        | 383.3         | 0.29                | 0.15                 | -7.46               | 62.9                   | -2.7                    |
| 10,860.0     | 1.96       | 54.54                | 10,822.0      | -407.8        | 383.7         | 0.29                | 0.21                 | -5.71               | 62.0                   | -1.6                    |
| 10,874.0     | 1.97       | 53.90                | 10,836.0      | -407.5        | 384.1         | 0.17                | 0.07                 | -4.57               | 61.0                   | -0.8                    |
| 10,887.0     | 1.98       | 53.47                | 10,849.0      | -407.2        | 384.4         | 0.14                | 0.08                 | -3.31               | 60.2                   | -0.2                    |
| 10,901.0     | 1.98       | 53.19                | 10,863.0      | -406.9        | 384.8         | 0.07                | 0.00                 | -2.00               | 59.2                   | 0.3                     |
| 10,914.0     | 1.96       | 53.04                | 10,876.0      | -406.7        | 385.2         | 0.16                | -0.15                | -1.15               | 58.4                   | 0.6                     |
| 10,928.0     | 1.94       | 53.04                | 10,890.0      | -406.4        | 385.6         | 0.14                | -0.14                | 0.00                | 57.4                   | 0.8                     |
| 10,941.0     | 1.89       | 53.22                | 10,903.0      | -406.1        | 385.9         | 0.39                | -0.38                | 1.38                | 56.6                   | 0.7                     |
| 10,955.0     | 1.81       | 53.68                | 10,916.9      | -405.9        | 386.3         | 0.58                | -0.57                | 3.29                | 55.7                   | 0.4                     |
| 10,969.0     | 1.69       | 54.52                | 10,930.9      | -405.6        | 386.6         | 0.88                | -0.86                | 6.00                | 54.8                   | -0.2                    |
| 10,982.0     | 1.54       | 55.76                | 10,943.9      | -405.4        | 386.9         | 1.18                | -1.15                | 9.54                | 54.0                   | -1.2                    |
| 10,996.0     | 1.37       | 57.43                | 10,957.9      | -405.2        | 387.2         | 1.25                | -1.21                | 11.93               | 53.2                   | -2.6                    |
| 11,010.0     | 1.19       | 59.62                | 10,971.9      | -405.0        | 387.5         | 1.33                | -1.29                | 15.64               | 52.3                   | -4.4                    |
| 11,024.0     | 1.02       | 62.43                | 10,985.9      | -404.9        | 387.7         | 1.27                | -1.21                | 20.07               | 51.3                   | -6.7                    |
| 11,037.0     | 0.86       | 65.92                | 10,998.9      | -404.8        | 387.9         | 1.31                | -1.23                | 26.85               | 50.2                   | -9.6                    |
| 11,051.0     | 0.72       | 69.98                | 11,012.9      | -404.7        | 388.1         | 1.08                | -1.00                | 29.00               | 48.8                   | -12.8                   |
| 11,065.0     | 0.63       | 69.66                | 11,026.9      | -404.7        | 388.2         | 0.64                | -0.64                | -2.29               | 48.4                   | -12.3                   |



Final PVA



|                  |                             |                                     |                       |
|------------------|-----------------------------|-------------------------------------|-----------------------|
| <b>Company:</b>  | Midland                     | <b>Local Co-ordinate Reference:</b> | Well #711H            |
| <b>Project:</b>  | Lea County, NM (NAD 83 NME) | <b>TVD Reference:</b>               | KB = 26' @ 3669.0usft |
| <b>Site:</b>     | Pegasus 3 Fed Com           | <b>MD Reference:</b>                | KB = 26' @ 3669.0usft |
| <b>Well:</b>     | #711H                       | <b>North Reference:</b>             | Grid                  |
| <b>Wellbore:</b> | OH                          | <b>Survey Calculation Method:</b>   | Minimum Curvature     |
| <b>Design:</b>   | OH                          | <b>Database:</b>                    | PEDM                  |

| Survey       |            |                      |               |               |               |                     |                      |                     |                        |                         |
|--------------|------------|----------------------|---------------|---------------|---------------|---------------------|----------------------|---------------------|------------------------|-------------------------|
| MD<br>(usft) | Inc<br>(°) | Azi (azimuth)<br>(°) | TVD<br>(usft) | N/S<br>(usft) | E/W<br>(usft) | DLeg<br>(°/100usft) | Build<br>(°/100usft) | Turn<br>(°/100usft) | High to Plan<br>(usft) | Right to Plan<br>(usft) |
| 11,078.0     | 0.55       | 69.25                | 11,039.9      | -404.6        | 388.4         | 0.62                | -0.62                | -3.15               | 47.9                   | -11.7                   |
| 11,092.0     | 0.47       | 68.70                | 11,053.9      | -404.6        | 388.5         | 0.57                | -0.57                | -3.93               | 47.5                   | -10.9                   |
| 11,105.0     | 0.39       | 67.92                | 11,066.9      | -404.6        | 388.6         | 0.62                | -0.62                | -6.00               | 47.2                   | -10.0                   |
| 11,119.0     | 0.30       | 66.72                | 11,080.9      | -404.5        | 388.6         | 0.64                | -0.64                | -8.57               | 46.9                   | -8.8                    |
| 11,132.0     | 0.22       | 64.65                | 11,093.9      | -404.5        | 388.7         | 0.62                | -0.62                | -15.92              | 46.8                   | -6.8                    |
| 11,146.0     | 0.14       | 60.15                | 11,107.9      | -404.5        | 388.7         | 0.58                | -0.57                | -32.14              | 46.7                   | -2.9                    |
| 11,160.0     | 0.27       | 338.88               | 11,121.9      | -404.4        | 388.7         | 2.03                | 0.93                 | -580.50             | 9.7                    | 45.3                    |
| 11,173.0     | 0.54       | 324.01               | 11,134.9      | -404.4        | 388.7         | 2.21                | 2.08                 | -114.38             | -2.5                   | 45.8                    |
| 11,187.0     | 0.82       | 319.13               | 11,148.9      | -404.2        | 388.6         | 2.04                | 2.00                 | -34.86              | -6.7                   | 45.0                    |
| 11,200.0     | 1.10       | 316.74               | 11,161.9      | -404.1        | 388.4         | 2.18                | 2.15                 | -18.38              | -8.9                   | 44.2                    |
| 11,214.0     | 1.38       | 315.33               | 11,175.9      | -403.9        | 388.2         | 2.01                | 2.00                 | -10.07              | -10.4                  | 43.5                    |
| 11,227.0     | 1.67       | 314.40               | 11,188.9      | -403.6        | 388.0         | 2.24                | 2.23                 | -7.15               | -11.6                  | 42.9                    |
| 11,241.0     | 1.95       | 313.73               | 11,202.9      | -403.3        | 387.7         | 2.01                | 2.00                 | -4.79               | -12.6                  | 42.3                    |
| 11,255.0     | 1.87       | 313.50               | 11,216.9      | -403.0        | 387.3         | 0.57                | -0.57                | -1.64               | -13.3                  | 41.8                    |
| 11,268.0     | 1.79       | 313.26               | 11,229.9      | -402.7        | 387.0         | 0.62                | -0.62                | -1.85               | -14.0                  | 41.3                    |
| 11,282.0     | 1.71       | 312.81               | 11,243.9      | -402.4        | 386.7         | 0.58                | -0.57                | -3.21               | -14.8                  | 40.7                    |
| 11,295.0     | 1.62       | 311.90               | 11,256.9      | -402.2        | 386.4         | 0.72                | -0.69                | -7.00               | -15.9                  | 40.0                    |
| 11,309.0     | 1.53       | 310.14               | 11,270.9      | -401.9        | 386.1         | 0.73                | -0.64                | -12.57              | -17.5                  | 39.0                    |
| 11,322.0     | 1.45       | 313.18               | 11,283.9      | -401.7        | 385.9         | 0.86                | -0.62                | 23.38               | -15.9                  | 39.4                    |
| 11,336.0     | 1.74       | 349.75               | 11,297.9      | -401.3        | 385.7         | 7.41                | 2.07                 | 261.21              | 10.1                   | 40.9                    |
| 11,350.0     | 1.71       | 7.32                 | 11,311.8      | -400.9        | 385.7         | 3.77                | -0.21                | 125.50              | 21.1                   | 35.8                    |
| 11,363.0     | 1.61       | 358.79               | 11,324.8      | -400.6        | 385.7         | 2.05                | -0.77                | -65.62              | 14.8                   | 38.3                    |
| 11,377.0     | 1.55       | 348.18               | 11,338.8      | -400.2        | 385.7         | 2.13                | -0.43                | -75.79              | 6.8                    | 40.0                    |
| 11,391.0     | 1.57       | 336.83               | 11,352.8      | -399.8        | 385.6         | 2.21                | 0.14                 | -81.07              | -1.8                   | 40.1                    |
| 11,405.0     | 1.66       | 326.46               | 11,366.8      | -399.5        | 385.4         | 2.18                | 0.64                 | -74.07              | -9.6                   | 38.6                    |
| 11,418.0     | 1.82       | 318.37               | 11,379.8      | -399.2        | 385.2         | 2.25                | 1.23                 | -62.23              | -15.4                  | 36.4                    |
| 11,432.0     | 2.02       | 313.16               | 11,393.8      | -398.8        | 384.8         | 1.89                | 1.43                 | -37.21              | -19.2                  | 34.4                    |



Final PVA



|                  |                             |                                     |                       |
|------------------|-----------------------------|-------------------------------------|-----------------------|
| <b>Company:</b>  | Midland                     | <b>Local Co-ordinate Reference:</b> | Well #711H            |
| <b>Project:</b>  | Lea County, NM (NAD 83 NME) | <b>TVD Reference:</b>               | KB = 26' @ 3669.0usft |
| <b>Site:</b>     | Pegasus 3 Fed Com           | <b>MD Reference:</b>                | KB = 26' @ 3669.0usft |
| <b>Well:</b>     | #711H                       | <b>North Reference:</b>             | Grid                  |
| <b>Wellbore:</b> | OH                          | <b>Survey Calculation Method:</b>   | Minimum Curvature     |
| <b>Design:</b>   | OH                          | <b>Database:</b>                    | PEDM                  |

| Survey       |            |                      |               |               |               |                     |                      |                     |                        |                         |  |
|--------------|------------|----------------------|---------------|---------------|---------------|---------------------|----------------------|---------------------|------------------------|-------------------------|--|
| MD<br>(usft) | Inc<br>(°) | Azi (azimuth)<br>(°) | TVD<br>(usft) | N/S<br>(usft) | E/W<br>(usft) | DLeg<br>(°/100usft) | Build<br>(°/100usft) | Turn<br>(°/100usft) | High to Plan<br>(usft) | Right to Plan<br>(usft) |  |
| 11,446.0     | 2.06       | 306.93               | 11,407.8      | -398.5        | 384.4         | 1.61                | 0.29                 | -44.50              | -23.4                  | 31.6                    |  |
| 11,459.0     | 2.16       | 301.77               | 11,420.8      | -398.2        | 384.0         | 1.65                | 0.77                 | -39.69              | -26.6                  | 28.9                    |  |
| 11,473.0     | 2.29       | 297.66               | 11,434.8      | -398.0        | 383.6         | 1.47                | 0.93                 | -29.36              | -29.1                  | 26.4                    |  |
| 11,486.0     | 2.43       | 294.47               | 11,447.8      | -397.7        | 383.1         | 1.48                | 1.08                 | -24.54              | -31.0                  | 24.3                    |  |
| 11,500.0     | 2.57       | 292.08               | 11,461.8      | -397.5        | 382.5         | 1.25                | 1.00                 | -17.07              | -32.5                  | 22.5                    |  |
| 11,513.0     | 2.68       | 290.41               | 11,474.7      | -397.3        | 382.0         | 1.03                | 0.85                 | -12.85              | -33.6                  | 21.1                    |  |
| 11,527.0     | 2.74       | 289.49               | 11,488.7      | -397.0        | 381.4         | 0.53                | 0.43                 | -6.57               | -34.5                  | 20.1                    |  |
| 11,541.0     | 2.71       | 289.55               | 11,502.7      | -396.8        | 380.7         | 0.22                | -0.21                | 0.43                | -35.0                  | 19.7                    |  |
| 11,554.0     | 2.64       | 290.36               | 11,515.7      | -396.6        | 380.2         | 0.61                | -0.54                | 6.23                | -35.2                  | 19.7                    |  |
| 11,568.0     | 2.54       | 291.77               | 11,529.7      | -396.4        | 379.6         | 0.85                | -0.71                | 10.07               | -35.3                  | 20.1                    |  |
| 11,581.0     | 2.44       | 293.70               | 11,542.7      | -396.2        | 379.0         | 1.00                | -0.77                | 14.85               | -35.1                  | 20.9                    |  |
| 11,595.0     | 2.35       | 296.03               | 11,556.7      | -395.9        | 378.5         | 0.95                | -0.64                | 16.64               | -34.7                  | 21.8                    |  |
| 11,608.0     | 1.89       | 317.61               | 11,569.7      | -395.6        | 378.1         | 7.02                | -3.54                | 166.00              | -24.8                  | 32.7                    |  |
| 11,622.0     | 1.89       | 354.71               | 11,583.6      | -395.2        | 378.0         | 8.59                | 0.00                 | 265.00              | -0.9                   | 40.9                    |  |
| 11,634.0     | 2.37       | 22.64                | 11,595.6      | -394.8        | 378.0         | 9.40                | 4.00                 | 232.75              | 17.5                   | 36.6                    |  |
| 11,647.0     | 2.38       | 28.53                | 11,608.6      | -394.3        | 378.3         | 1.88                | 0.08                 | 45.31               | 20.2                   | 34.6                    |  |
| 11,659.0     | 2.37       | 32.86                | 11,620.6      | -393.9        | 378.5         | 1.50                | -0.08                | 36.08               | 21.9                   | 32.9                    |  |
| 11,672.0     | 2.38       | 37.19                | 11,633.6      | -393.5        | 378.8         | 1.38                | 0.08                 | 33.31               | 23.3                   | 31.2                    |  |
| 11,684.0     | 2.38       | 41.03                | 11,645.6      | -393.1        | 379.1         | 1.33                | 0.00                 | 32.00               | 24.4                   | 29.7                    |  |
| 11,698.0     | 2.32       | 43.80                | 11,659.6      | -392.7        | 379.5         | 0.92                | -0.43                | 19.79               | 24.8                   | 28.6                    |  |
| 11,712.0     | 2.25       | 45.69                | 11,673.6      | -392.3        | 379.9         | 0.73                | -0.50                | 13.50               | 24.7                   | 27.8                    |  |
| 11,726.0     | 2.18       | 46.99                | 11,687.6      | -391.9        | 380.3         | 0.62                | -0.50                | 9.29                | 24.3                   | 27.4                    |  |
| 11,740.0     | 2.11       | 47.88                | 11,701.6      | -391.5        | 380.7         | 0.55                | -0.50                | 6.36                | 23.7                   | 27.1                    |  |
| 11,755.0     | 2.05       | 48.51                | 11,716.5      | -391.2        | 381.1         | 0.43                | -0.40                | 4.20                | 23.0                   | 27.0                    |  |
| 11,769.0     | 1.98       | 48.94                | 11,730.5      | -390.8        | 381.5         | 0.51                | -0.50                | 3.07                | 22.3                   | 27.0                    |  |
| 11,783.0     | 1.92       | 49.22                | 11,744.5      | -390.5        | 381.8         | 0.43                | -0.43                | 2.00                | 21.4                   | 27.0                    |  |
| 11,797.0     | 1.87       | 49.38                | 11,758.5      | -390.2        | 382.2         | 0.36                | -0.36                | 1.14                | 20.6                   | 27.0                    |  |



Final PVA



|                  |                             |                                     |                       |
|------------------|-----------------------------|-------------------------------------|-----------------------|
| <b>Company:</b>  | Midland                     | <b>Local Co-ordinate Reference:</b> | Well #711H            |
| <b>Project:</b>  | Lea County, NM (NAD 83 NME) | <b>TVD Reference:</b>               | KB = 26' @ 3669.0usft |
| <b>Site:</b>     | Pegasus 3 Fed Com           | <b>MD Reference:</b>                | KB = 26' @ 3669.0usft |
| <b>Well:</b>     | #711H                       | <b>North Reference:</b>             | Grid                  |
| <b>Wellbore:</b> | OH                          | <b>Survey Calculation Method:</b>   | Minimum Curvature     |
| <b>Design:</b>   | OH                          | <b>Database:</b>                    | PEDM                  |

| Survey                                                                    |            |                      |               |               |               |                     |                      |                     |                        |                         |  |
|---------------------------------------------------------------------------|------------|----------------------|---------------|---------------|---------------|---------------------|----------------------|---------------------|------------------------|-------------------------|--|
| MD<br>(usft)                                                              | Inc<br>(°) | Azi (azimuth)<br>(°) | TVD<br>(usft) | N/S<br>(usft) | E/W<br>(usft) | DLeg<br>(°/100usft) | Build<br>(°/100usft) | Turn<br>(°/100usft) | High to Plan<br>(usft) | Right to Plan<br>(usft) |  |
| 11,811.0                                                                  | 1.83       | 49.41                | 11,772.5      | -389.9        | 382.5         | 0.29                | -0.29                | 0.21                | 19.7                   | 27.2                    |  |
| 11,825.0                                                                  | 1.81       | 49.36                | 11,786.5      | -389.6        | 382.9         | 0.14                | -0.14                | -0.36               | 18.8                   | 27.3                    |  |
| 11,838.0                                                                  | 1.80       | 49.19                | 11,799.5      | -389.4        | 383.2         | 0.09                | -0.08                | -1.31               | 17.9                   | 27.5                    |  |
| 11,852.0                                                                  | 1.80       | 48.92                | 11,813.5      | -389.1        | 383.5         | 0.06                | 0.00                 | -1.93               | 16.8                   | 27.7                    |  |
| 11,866.0                                                                  | 1.80       | 48.54                | 11,827.5      | -388.8        | 383.8         | 0.09                | 0.00                 | -2.71               | 15.7                   | 27.9                    |  |
| 11,880.0                                                                  | 1.80       | 48.03                | 11,841.5      | -388.5        | 384.2         | 0.11                | 0.00                 | -3.64               | 14.6                   | 28.2                    |  |
| 11,893.0                                                                  | 1.79       | 47.34                | 11,854.5      | -388.2        | 384.5         | 0.18                | -0.08                | -5.31               | 13.4                   | 28.5                    |  |
| 11,907.0                                                                  | 1.79       | 46.37                | 11,868.5      | -387.9        | 384.8         | 0.22                | 0.00                 | -6.93               | 12.0                   | 28.8                    |  |
| 11,921.0                                                                  | 1.75       | 45.14                | 11,882.5      | -387.6        | 385.1         | 0.39                | -0.29                | -8.79               | 10.5                   | 29.1                    |  |
| 11,934.0                                                                  | 1.72       | 43.68                | 11,895.5      | -387.4        | 385.4         | 0.41                | -0.23                | -11.23              | 9.0                    | 29.4                    |  |
| 11,948.0                                                                  | 1.69       | 42.09                | 11,909.4      | -387.0        | 385.7         | 0.40                | -0.21                | -11.36              | 7.7                    | 29.5                    |  |
| 11,961.0                                                                  | 1.68       | 40.51                | 11,922.4      | -386.8        | 385.9         | 0.37                | -0.08                | -12.15              | 6.8                    | 29.4                    |  |
| 11,975.0                                                                  | 1.69       | 39.13                | 11,936.4      | -386.4        | 386.2         | 0.30                | 0.07                 | -9.86               | 6.3                    | 29.1                    |  |
| 11,988.0                                                                  | 1.74       | 38.18                | 11,949.4      | -386.1        | 386.4         | 0.44                | 0.38                 | -7.31               | 6.4                    | 28.7                    |  |
| 12,002.0                                                                  | 2.14       | 24.50                | 11,963.4      | -385.7        | 386.7         | 4.35                | 2.86                 | -97.71              | 0.6                    | 28.9                    |  |
| 12,016.0                                                                  | 3.25       | 6.68                 | 11,977.4      | -385.1        | 386.8         | 9.84                | 7.93                 | -127.29             | -6.9                   | 27.8                    |  |
| 12,029.0                                                                  | 3.76       | 6.64                 | 11,990.4      | -384.3        | 386.9         | 3.92                | 3.92                 | -0.31               | -5.5                   | 28.0                    |  |
| 12,043.0                                                                  | 7.03       | 356.28               | 12,004.3      | -383.0        | 386.9         | 24.28               | 23.36                | -74.00              | -9.0                   | 27.3                    |  |
| 12,056.0                                                                  | 9.55       | 358.77               | 12,017.2      | -381.1        | 386.8         | 19.58               | 19.38                | 19.15               | -6.8                   | 28.4                    |  |
| 12,062.0                                                                  | 10.01      | 0.55                 | 12,023.1      | -380.1        | 386.8         | 9.20                | 7.69                 | 29.72               | -5.5                   | 28.9                    |  |
| <b>KOP, MD:12062.0', TVD:12023.1', N/S:-380.1', E/W:386.8', INC:10.01</b> |            |                      |               |               |               |                     |                      |                     |                        |                         |  |
| 12,070.0                                                                  | 10.64      | 2.69                 | 12,031.0      | -378.7        | 386.9         | 9.20                | 7.86                 | 26.71               | -3.8                   | 29.5                    |  |
| 12,083.0                                                                  | 13.56      | 6.42                 | 12,043.7      | -376.0        | 387.1         | 23.24               | 22.46                | 28.69               | -0.9                   | 30.2                    |  |
| 12,097.0                                                                  | 17.08      | 8.40                 | 12,057.2      | -372.3        | 387.6         | 25.42               | 25.14                | 14.14               | 0.7                    | 30.7                    |  |
| 12,111.0                                                                  | 20.56      | 10.13                | 12,070.4      | -367.8        | 388.3         | 25.17               | 24.86                | 12.36               | 1.8                    | 31.0                    |  |
| 12,124.0                                                                  | 23.97      | 10.92                | 12,082.5      | -363.0        | 389.2         | 26.33               | 26.23                | 6.08                | 2.0                    | 31.3                    |  |
| 12,138.0                                                                  | 27.09      | 8.72                 | 12,095.1      | -357.1        | 390.2         | 23.29               | 22.29                | -15.71              | 0.3                    | 31.7                    |  |



Final PVA



|                  |                             |                                     |                       |
|------------------|-----------------------------|-------------------------------------|-----------------------|
| <b>Company:</b>  | Midland                     | <b>Local Co-ordinate Reference:</b> | Well #711H            |
| <b>Project:</b>  | Lea County, NM (NAD 83 NME) | <b>TVD Reference:</b>               | KB = 26' @ 3669.0usft |
| <b>Site:</b>     | Pegasus 3 Fed Com           | <b>MD Reference:</b>                | KB = 26' @ 3669.0usft |
| <b>Well:</b>     | #711H                       | <b>North Reference:</b>             | Grid                  |
| <b>Wellbore:</b> | OH                          | <b>Survey Calculation Method:</b>   | Minimum Curvature     |
| <b>Design:</b>   | OH                          | <b>Database:</b>                    | PEDM                  |

| Survey                                                                      |            |                      |               |               |               |                     |                      |                     |                        |                         |  |
|-----------------------------------------------------------------------------|------------|----------------------|---------------|---------------|---------------|---------------------|----------------------|---------------------|------------------------|-------------------------|--|
| MD<br>(usft)                                                                | Inc<br>(°) | Azi (azimuth)<br>(°) | TVD<br>(usft) | N/S<br>(usft) | E/W<br>(usft) | DLeg<br>(°/100usft) | Build<br>(°/100usft) | Turn<br>(°/100usft) | High to Plan<br>(usft) | Right to Plan<br>(usft) |  |
| 12,151.0                                                                    | 28.20      | 7.99                 | 12,106.6      | -351.1        | 391.1         | 8.93                | 8.54                 | -5.62               | -0.8                   | 32.3                    |  |
| 12,165.0                                                                    | 29.43      | 7.56                 | 12,118.9      | -344.4        | 392.0         | 8.91                | 8.79                 | -3.07               | -1.7                   | 32.9                    |  |
| 12,178.0                                                                    | 31.93      | 8.26                 | 12,130.0      | -337.8        | 392.9         | 19.43               | 19.23                | 5.38                | -2.0                   | 33.6                    |  |
| 12,192.0                                                                    | 35.15      | 9.24                 | 12,141.7      | -330.2        | 394.1         | 23.32               | 23.00                | 7.00                | -2.5                   | 34.4                    |  |
| 12,206.0                                                                    | 38.48      | 9.74                 | 12,152.9      | -321.9        | 395.5         | 23.88               | 23.79                | 3.57                | -3.6                   | 35.0                    |  |
| 12,219.0                                                                    | 41.70      | 11.01                | 12,162.9      | -313.7        | 397.0         | 25.55               | 24.77                | 9.77                | -4.6                   | 35.6                    |  |
| 12,233.0                                                                    | 44.84      | 11.28                | 12,173.1      | -304.3        | 398.9         | 22.47               | 22.43                | 1.93                | -6.6                   | 36.1                    |  |
| 12,246.0                                                                    | 46.29      | 11.06                | 12,182.2      | -295.2        | 400.7         | 11.22               | 11.15                | -1.69               | -8.8                   | 36.6                    |  |
| 12,260.0                                                                    | 46.66      | 12.07                | 12,191.8      | -285.2        | 402.7         | 5.86                | 2.64                 | 7.21                | -10.6                  | 37.2                    |  |
| 12,273.0                                                                    | 47.87      | 14.64                | 12,200.6      | -275.9        | 404.9         | 17.25               | 9.31                 | 19.77               | -11.3                  | 37.7                    |  |
| 12,287.0                                                                    | 50.29      | 16.56                | 12,209.8      | -265.7        | 407.7         | 20.15               | 17.29                | 13.71               | -12.5                  | 37.9                    |  |
| 12,301.0                                                                    | 53.48      | 17.25                | 12,218.4      | -255.2        | 411.0         | 23.11               | 22.79                | 4.93                | -14.5                  | 37.7                    |  |
| 12,314.0                                                                    | 56.29      | 17.97                | 12,225.9      | -245.1        | 414.2         | 22.08               | 21.62                | 5.54                | -16.7                  | 37.4                    |  |
| 12,328.0                                                                    | 56.35      | 18.25                | 12,233.7      | -234.0        | 417.8         | 1.72                | 0.43                 | 2.00                | -19.3                  | 36.9                    |  |
| 12,341.0                                                                    | 56.40      | 18.56                | 12,240.9      | -223.7        | 421.2         | 2.02                | 0.38                 | 2.38                | -21.3                  | 36.3                    |  |
| 12,355.0                                                                    | 56.45      | 18.89                | 12,248.6      | -212.7        | 425.0         | 2.00                | 0.36                 | 2.36                | -23.1                  | 35.7                    |  |
| 12,368.0                                                                    | 56.52      | 19.23                | 12,255.8      | -202.4        | 428.5         | 2.25                | 0.54                 | 2.62                | -24.4                  | 34.9                    |  |
| 12,382.0                                                                    | 56.59      | 19.55                | 12,263.5      | -191.4        | 432.4         | 1.97                | 0.50                 | 2.29                | -25.5                  | 33.8                    |  |
| 12,396.0                                                                    | 58.72      | 17.82                | 12,271.0      | -180.2        | 436.2         | 18.45               | 15.21                | -12.36              | -27.0                  | 32.2                    |  |
| 12,409.0                                                                    | 61.67      | 16.79                | 12,277.5      | -169.4        | 439.5         | 23.71               | 22.69                | -7.92               | -28.5                  | 30.9                    |  |
| 12,418.1                                                                    | 63.11      | 16.59                | 12,281.7      | -161.7        | 441.8         | 15.97               | 15.86                | -2.16               | -29.5                  | 30.1                    |  |
| FTP Crossing, MD:12418.1', TVD:12281.7', N/S:-161.7', E/W:441.8', INC:63.11 |            |                      |               |               |               |                     |                      |                     |                        |                         |  |
| 12,423.0                                                                    | 63.89      | 16.49                | 12,283.9      | -157.5        | 443.1         | 15.97               | 15.86                | -2.12               | -30.1                  | 29.7                    |  |
| 12,436.0                                                                    | 64.03      | 16.79                | 12,289.6      | -146.3        | 446.4         | 2.34                | 1.08                 | 2.31                | -31.3                  | 28.5                    |  |
| 12,450.0                                                                    | 64.17      | 17.11                | 12,295.7      | -134.3        | 450.1         | 2.29                | 1.00                 | 2.29                | -32.2                  | 27.0                    |  |
| 12,463.0                                                                    | 64.33      | 17.40                | 12,301.3      | -123.1        | 453.6         | 2.36                | 1.23                 | 2.23                | -32.8                  | 25.4                    |  |
| 12,477.0                                                                    | 65.53      | 16.43                | 12,307.3      | -111.0        | 457.3         | 10.62               | 8.57                 | -6.93               | -33.4                  | 23.2                    |  |

|                  |                             |                                     |                       |
|------------------|-----------------------------|-------------------------------------|-----------------------|
| <b>Company:</b>  | Midland                     | <b>Local Co-ordinate Reference:</b> | Well #711H            |
| <b>Project:</b>  | Lea County, NM (NAD 83 NME) | <b>TVD Reference:</b>               | KB = 26' @ 3669.0usft |
| <b>Site:</b>     | Pegasus 3 Fed Com           | <b>MD Reference:</b>                | KB = 26' @ 3669.0usft |
| <b>Well:</b>     | #711H                       | <b>North Reference:</b>             | Grid                  |
| <b>Wellbore:</b> | OH                          | <b>Survey Calculation Method:</b>   | Minimum Curvature     |
| <b>Design:</b>   | OH                          | <b>Database:</b>                    | PEDM                  |

| Survey       |            |                      |               |               |               |                     |                      |                     |                        |                         |
|--------------|------------|----------------------|---------------|---------------|---------------|---------------------|----------------------|---------------------|------------------------|-------------------------|
| MD<br>(usft) | Inc<br>(°) | Azi (azimuth)<br>(°) | TVD<br>(usft) | N/S<br>(usft) | E/W<br>(usft) | DLeg<br>(°/100usft) | Build<br>(°/100usft) | Turn<br>(°/100usft) | High to Plan<br>(usft) | Right to Plan<br>(usft) |
| 12,491.0     | 68.09      | 14.49                | 12,312.8      | -98.6         | 460.7         | 22.28               | 18.29                | -13.86              | -34.2                  | 21.0                    |
| 12,504.0     | 71.14      | 12.98                | 12,317.3      | -86.7         | 463.6         | 25.86               | 23.46                | -11.62              | -35.0                  | 19.2                    |
| 12,518.0     | 72.87      | 12.14                | 12,321.6      | -73.7         | 466.5         | 13.61               | 12.36                | -6.00               | -35.9                  | 17.6                    |
| 12,531.0     | 73.08      | 12.24                | 12,325.4      | -61.6         | 469.1         | 1.77                | 1.62                 | 0.77                | -36.6                  | 16.2                    |
| 12,545.0     | 73.30      | 12.34                | 12,329.5      | -48.5         | 471.9         | 1.71                | 1.57                 | 0.71                | -36.9                  | 14.5                    |
| 12,558.0     | 73.56      | 12.23                | 12,333.2      | -36.3         | 474.6         | 2.16                | 2.00                 | -0.85               | -36.9                  | 12.8                    |
| 12,572.0     | 74.54      | 9.61                 | 12,337.0      | -23.1         | 477.1         | 19.31               | 7.00                 | -18.71              | -36.8                  | 10.8                    |
| 12,586.0     | 77.20      | 7.67                 | 12,340.5      | -9.7          | 479.2         | 23.27               | 19.00                | -13.86              | -36.6                  | 9.2                     |
| 12,599.0     | 79.88      | 6.03                 | 12,343.0      | 3.0           | 480.7         | 24.04               | 20.62                | -12.62              | -36.6                  | 8.2                     |
| 12,613.0     | 80.70      | 5.63                 | 12,345.4      | 16.7          | 482.1         | 6.50                | 5.86                 | -2.86               | -36.5                  | 7.3                     |
| 12,626.0     | 80.77      | 5.68                 | 12,347.5      | 29.5          | 483.4         | 0.66                | 0.54                 | 0.38                | -36.2                  | 6.5                     |
| 12,640.0     | 80.85      | 5.73                 | 12,349.7      | 43.2          | 484.7         | 0.67                | 0.57                 | 0.36                | -35.5                  | 5.4                     |
| 12,653.0     | 81.37      | 4.73                 | 12,351.7      | 56.0          | 485.9         | 8.59                | 4.00                 | -7.69               | -34.5                  | 4.4                     |
| 12,667.0     | 82.69      | 2.33                 | 12,353.7      | 69.8          | 486.8         | 19.42               | 9.43                 | -17.14              | -33.3                  | 3.6                     |
| 12,681.0     | 84.99      | 0.42                 | 12,355.2      | 83.8          | 487.1         | 21.30               | 16.43                | -13.64              | -32.1                  | 3.2                     |
| 12,694.0     | 87.05      | 0.33                 | 12,356.1      | 96.7          | 487.2         | 15.86               | 15.85                | -0.69               | -31.2                  | 3.0                     |
| 12,708.0     | 87.43      | 0.41                 | 12,356.8      | 110.7         | 487.3         | 2.77                | 2.71                 | 0.57                | -30.5                  | 2.8                     |
| 12,722.0     | 87.84      | 0.49                 | 12,357.3      | 124.7         | 487.4         | 2.98                | 2.93                 | 0.57                | -29.9                  | 2.7                     |
| 12,736.0     | 88.27      | 0.58                 | 12,357.8      | 138.7         | 487.5         | 3.14                | 3.07                 | 0.64                | -29.5                  | 2.4                     |
| 12,749.0     | 88.68      | 0.66                 | 12,358.2      | 151.7         | 487.7         | 3.21                | 3.15                 | 0.62                | -29.1                  | 2.2                     |
| 12,763.0     | 89.05      | 0.73                 | 12,358.4      | 165.7         | 487.8         | 2.69                | 2.64                 | 0.50                | -28.8                  | 2.0                     |
| 12,857.0     | 87.94      | 1.41                 | 12,360.9      | 259.6         | 489.6         | 1.38                | -1.18                | 0.72                | -26.4                  | -0.3                    |
| 12,953.0     | 85.57      | 0.76                 | 12,366.3      | 355.5         | 491.4         | 2.56                | -2.47                | -0.68               | -20.9                  | -2.7                    |
| 13,048.0     | 85.62      | 359.63               | 12,373.6      | 450.2         | 491.7         | 1.19                | 0.05                 | -1.19               | -13.6                  | -3.6                    |
| 13,143.0     | 89.49      | 359.78               | 12,377.7      | 545.1         | 491.2         | 4.08                | 4.07                 | 0.16                | -9.6                   | -3.6                    |
| 13,238.0     | 90.51      | 355.74               | 12,377.7      | 640.0         | 487.5         | 4.39                | 1.07                 | -4.25               | -9.6                   | -0.5                    |
| 13,333.0     | 87.60      | 359.60               | 12,379.3      | 734.8         | 483.7         | 5.09                | -3.06                | 4.06                | -8.0                   | 2.9                     |



Final PVA



|                  |                             |                                     |                       |
|------------------|-----------------------------|-------------------------------------|-----------------------|
| <b>Company:</b>  | Midland                     | <b>Local Co-ordinate Reference:</b> | Well #711H            |
| <b>Project:</b>  | Lea County, NM (NAD 83 NME) | <b>TVD Reference:</b>               | KB = 26' @ 3669.0usft |
| <b>Site:</b>     | Pegasus 3 Fed Com           | <b>MD Reference:</b>                | KB = 26' @ 3669.0usft |
| <b>Well:</b>     | #711H                       | <b>North Reference:</b>             | Grid                  |
| <b>Wellbore:</b> | OH                          | <b>Survey Calculation Method:</b>   | Minimum Curvature     |
| <b>Design:</b>   | OH                          | <b>Database:</b>                    | PEDM                  |

| Survey       |            |                      |               |               |               |                     |                      |                     |                        |                         |  |
|--------------|------------|----------------------|---------------|---------------|---------------|---------------------|----------------------|---------------------|------------------------|-------------------------|--|
| MD<br>(usft) | Inc<br>(°) | Azi (azimuth)<br>(°) | TVD<br>(usft) | N/S<br>(usft) | E/W<br>(usft) | DLeg<br>(°/100usft) | Build<br>(°/100usft) | Turn<br>(°/100usft) | High to Plan<br>(usft) | Right to Plan<br>(usft) |  |
| 13,428.0     | 90.59      | 359.08               | 12,380.8      | 829.8         | 482.6         | 3.19                | 3.15                 | -0.55               | -6.5                   | 3.4                     |  |
| 13,524.0     | 90.29      | 356.88               | 12,380.0      | 925.8         | 479.2         | 2.31                | -0.31                | -2.29               | -7.2                   | 6.2                     |  |
| 13,619.0     | 92.31      | 0.75                 | 12,377.9      | 1,020.7       | 477.2         | 4.59                | 2.13                 | 4.07                | -9.4                   | 7.6                     |  |
| 13,714.0     | 91.69      | 2.15                 | 12,374.5      | 1,115.6       | 479.6         | 1.61                | -0.65                | 1.47                | -12.7                  | 4.7                     |  |
| 13,810.0     | 92.09      | 3.03                 | 12,371.4      | 1,211.4       | 484.0         | 1.01                | 0.42                 | 0.92                | -15.9                  | -0.2                    |  |
| 13,905.0     | 87.60      | 1.54                 | 12,371.6      | 1,306.3       | 487.7         | 4.98                | -4.73                | -1.57               | -15.6                  | -4.5                    |  |
| 14,001.0     | 88.48      | 2.86                 | 12,374.9      | 1,402.2       | 491.4         | 1.65                | 0.92                 | 1.37                | -12.3                  | -8.8                    |  |
| 14,096.0     | 91.52      | 5.49                 | 12,374.9      | 1,496.9       | 498.3         | 4.23                | 3.20                 | 2.77                | -12.3                  | -16.2                   |  |
| 14,213.0     | 88.31      | 0.83                 | 12,375.1      | 1,613.7       | 504.8         | 4.84                | -2.74                | -3.98               | -12.2                  | -23.4                   |  |
| 14,309.0     | 88.35      | 1.01                 | 12,377.9      | 1,709.7       | 506.3         | 0.19                | 0.04                 | 0.19                | -9.4                   | -25.4                   |  |
| 14,404.0     | 89.32      | 357.06               | 12,379.8      | 1,804.6       | 504.7         | 4.28                | 1.02                 | -4.16               | -7.4                   | -24.4                   |  |
| 14,500.0     | 91.60      | 355.12               | 12,379.1      | 1,900.4       | 498.2         | 3.12                | 2.37                 | -2.02               | -8.2                   | -18.4                   |  |
| 14,595.0     | 93.19      | 354.51               | 12,375.1      | 1,994.9       | 489.6         | 1.79                | 1.67                 | -0.64               | -12.2                  | -10.3                   |  |
| 14,691.0     | 91.38      | 356.62               | 12,371.3      | 2,090.5       | 482.2         | 2.89                | -1.89                | 2.20                | -16.0                  | -3.5                    |  |
| 14,786.0     | 89.41      | 357.23               | 12,370.6      | 2,185.4       | 477.1         | 2.17                | -2.07                | 0.64                | -16.6                  | 1.0                     |  |
| 14,881.0     | 89.19      | 359.96               | 12,371.8      | 2,280.3       | 474.8         | 2.88                | -0.23                | 2.87                | -15.5                  | 2.8                     |  |
| 14,977.0     | 90.51      | 0.13                 | 12,372.0      | 2,376.3       | 474.8         | 1.39                | 1.37                 | 0.18                | -15.2                  | 2.2                     |  |
| 15,072.0     | 88.88      | 359.34               | 12,372.5      | 2,471.3       | 474.4         | 1.91                | -1.72                | -0.83               | -14.7                  | 2.1                     |  |
| 15,167.0     | 91.38      | 359.69               | 12,372.3      | 2,566.3       | 473.6         | 2.66                | 2.63                 | 0.37                | -14.9                  | 2.3                     |  |
| 15,263.0     | 89.49      | 359.78               | 12,371.6      | 2,662.3       | 473.2         | 1.97                | -1.97                | 0.09                | -15.6                  | 2.2                     |  |
| 15,358.0     | 87.60      | 354.68               | 12,374.0      | 2,757.1       | 468.6         | 5.72                | -1.99                | -5.37               | -13.2                  | 6.2                     |  |
| 15,454.0     | 87.52      | 356.44               | 12,378.1      | 2,852.7       | 461.1         | 1.83                | -0.08                | 1.83                | -9.2                   | 13.1                    |  |
| 15,549.0     | 92.62      | 2.86                 | 12,378.0      | 2,947.7       | 460.6         | 8.63                | 5.37                 | 6.76                | -9.3                   | 13.1                    |  |
| 15,644.0     | 90.81      | 3.03                 | 12,375.1      | 3,042.5       | 465.4         | 1.91                | -1.91                | 0.18                | -12.1                  | 7.7                     |  |
| 15,740.0     | 91.12      | 3.38                 | 12,373.5      | 3,138.3       | 470.8         | 0.49                | 0.32                 | 0.36                | -13.7                  | 1.8                     |  |
| 15,834.0     | 89.98      | 1.89                 | 12,372.6      | 3,232.2       | 475.1         | 2.00                | -1.21                | -1.59               | -14.6                  | -3.1                    |  |
| 15,929.0     | 88.88      | 1.71                 | 12,373.5      | 3,327.2       | 478.1         | 1.17                | -1.16                | -0.19               | -13.6                  | -6.6                    |  |



Final PVA



|                  |                             |                                     |                       |
|------------------|-----------------------------|-------------------------------------|-----------------------|
| <b>Company:</b>  | Midland                     | <b>Local Co-ordinate Reference:</b> | Well #711H            |
| <b>Project:</b>  | Lea County, NM (NAD 83 NME) | <b>TVD Reference:</b>               | KB = 26' @ 3669.0usft |
| <b>Site:</b>     | Pegasus 3 Fed Com           | <b>MD Reference:</b>                | KB = 26' @ 3669.0usft |
| <b>Well:</b>     | #711H                       | <b>North Reference:</b>             | Grid                  |
| <b>Wellbore:</b> | OH                          | <b>Survey Calculation Method:</b>   | Minimum Curvature     |
| <b>Design:</b>   | OH                          | <b>Database:</b>                    | PEDM                  |

| Survey       |            |                      |               |               |               |                     |                      |                     |                        |                         |
|--------------|------------|----------------------|---------------|---------------|---------------|---------------------|----------------------|---------------------|------------------------|-------------------------|
| MD<br>(usft) | Inc<br>(°) | Azi (azimuth)<br>(°) | TVD<br>(usft) | N/S<br>(usft) | E/W<br>(usft) | DLeg<br>(°/100usft) | Build<br>(°/100usft) | Turn<br>(°/100usft) | High to Plan<br>(usft) | Right to Plan<br>(usft) |
| 16,025.0     | 89.32      | 1.63                 | 12,375.1      | 3,423.1       | 480.9         | 0.47                | 0.46                 | -0.08               | -12.1                  | -9.9                    |
| 16,120.0     | 89.89      | 1.19                 | 12,375.7      | 3,518.1       | 483.2         | 0.76                | 0.60                 | -0.46               | -11.5                  | -12.8                   |
| 16,215.0     | 89.54      | 0.39                 | 12,376.2      | 3,613.1       | 484.6         | 0.92                | -0.37                | -0.84               | -11.0                  | -14.7                   |
| 16,311.0     | 90.20      | 0.92                 | 12,376.4      | 3,709.1       | 485.7         | 0.88                | 0.69                 | 0.55                | -10.8                  | -16.3                   |
| 16,406.0     | 87.69      | 358.55               | 12,378.1      | 3,804.0       | 485.2         | 3.63                | -2.64                | -2.49               | -9.0                   | -16.5                   |
| 16,502.0     | 90.81      | 359.78               | 12,379.4      | 3,900.0       | 483.8         | 3.49                | 3.25                 | 1.28                | -7.8                   | -15.6                   |
| 16,597.0     | 89.67      | 359.60               | 12,379.0      | 3,995.0       | 483.3         | 1.21                | -1.20                | -0.19               | -8.2                   | -15.6                   |
| 16,692.0     | 88.70      | 358.81               | 12,380.4      | 4,090.0       | 482.0         | 1.32                | -1.02                | -0.83               | -6.8                   | -14.9                   |
| 16,788.0     | 90.81      | 359.52               | 12,380.8      | 4,186.0       | 480.6         | 2.32                | 2.20                 | 0.74                | -6.4                   | -14.0                   |
| 16,883.0     | 89.71      | 358.90               | 12,380.3      | 4,280.9       | 479.3         | 1.33                | -1.16                | -0.65               | -6.8                   | -13.3                   |
| 17,010.0     | 86.59      | 356.44               | 12,384.4      | 4,407.7       | 474.1         | 3.13                | -2.46                | -1.94               | -2.7                   | -8.8                    |
| 17,074.0     | 87.60      | 357.58               | 12,387.7      | 4,471.6       | 470.8         | 2.38                | 1.58                 | 1.78                | 0.5                    | -5.9                    |
| 17,169.0     | 91.38      | 358.55               | 12,388.5      | 4,566.5       | 467.6         | 4.11                | 3.98                 | 1.02                | 1.4                    | -3.2                    |
| 17,264.0     | 92.62      | 359.60               | 12,385.2      | 4,661.4       | 466.0         | 1.71                | 1.31                 | 1.11                | -1.9                   | -2.2                    |
| 17,359.0     | 94.20      | 0.04                 | 12,379.6      | 4,756.3       | 465.7         | 1.73                | 1.66                 | 0.46                | -7.6                   | -2.5                    |
| 17,454.0     | 92.48      | 1.80                 | 12,374.0      | 4,851.1       | 467.3         | 2.59                | -1.81                | 1.85                | -13.1                  | -4.6                    |
| 17,550.0     | 90.42      | 359.08               | 12,371.6      | 4,947.0       | 468.0         | 3.55                | -2.15                | -2.83               | -15.6                  | -5.8                    |
| 17,645.0     | 86.90      | 359.16               | 12,373.8      | 5,042.0       | 466.5         | 3.71                | -3.71                | 0.08                | -13.3                  | -4.9                    |
| 17,740.0     | 86.42      | 359.08               | 12,379.3      | 5,136.8       | 465.1         | 0.51                | -0.51                | -0.08               | -7.8                   | -4.0                    |
| 17,836.0     | 91.21      | 0.22                 | 12,381.3      | 5,232.8       | 464.5         | 5.13                | 4.99                 | 1.19                | -5.8                   | -4.0                    |
| 17,931.0     | 88.79      | 0.13                 | 12,381.3      | 5,327.7       | 464.8         | 2.55                | -2.55                | -0.09               | -5.8                   | -4.8                    |
| 18,021.0     | 88.88      | 359.34               | 12,383.2      | 5,417.7       | 464.4         | 0.88                | 0.10                 | -0.88               | -4.0                   | -4.9                    |
| 18,116.0     | 88.70      | 358.90               | 12,385.2      | 5,512.7       | 462.9         | 0.50                | -0.19                | -0.46               | -2.0                   | -4.0                    |
| 18,212.0     | 89.71      | 358.11               | 12,386.5      | 5,608.6       | 460.4         | 1.34                | 1.05                 | -0.82               | -0.6                   | -2.1                    |
| 18,307.0     | 91.52      | 357.41               | 12,385.5      | 5,703.6       | 456.7         | 2.04                | 1.91                 | -0.74               | -1.6                   | 1.1                     |
| 18,402.0     | 91.91      | 356.88               | 12,382.6      | 5,798.4       | 452.0         | 0.69                | 0.41                 | -0.56               | -4.5                   | 5.3                     |
| 18,498.0     | 94.51      | 0.48                 | 12,377.3      | 5,894.2       | 449.8         | 4.62                | 2.71                 | 3.75                | -9.8                   | 6.9                     |



Final PVA



|                  |                             |                                     |                       |
|------------------|-----------------------------|-------------------------------------|-----------------------|
| <b>Company:</b>  | Midland                     | <b>Local Co-ordinate Reference:</b> | Well #711H            |
| <b>Project:</b>  | Lea County, NM (NAD 83 NME) | <b>TVD Reference:</b>               | KB = 26' @ 3669.0usft |
| <b>Site:</b>     | Pegasus 3 Fed Com           | <b>MD Reference:</b>                | KB = 26' @ 3669.0usft |
| <b>Well:</b>     | #711H                       | <b>North Reference:</b>             | Grid                  |
| <b>Wellbore:</b> | OH                          | <b>Survey Calculation Method:</b>   | Minimum Curvature     |
| <b>Design:</b>   | OH                          | <b>Database:</b>                    | PEDM                  |

| Survey       |            |                      |               |               |               |                     |                      |                     |                        |                         |
|--------------|------------|----------------------|---------------|---------------|---------------|---------------------|----------------------|---------------------|------------------------|-------------------------|
| MD<br>(usft) | Inc<br>(°) | Azi (azimuth)<br>(°) | TVD<br>(usft) | N/S<br>(usft) | E/W<br>(usft) | DLeg<br>(°/100usft) | Build<br>(°/100usft) | Turn<br>(°/100usft) | High to Plan<br>(usft) | Right to Plan<br>(usft) |
| 18,593.0     | 92.40      | 5.58                 | 12,371.5      | 5,988.9       | 454.8         | 5.80                | -2.22                | 5.37                | -15.6                  | 1.4                     |
| 18,689.0     | 86.59      | 5.93                 | 12,372.4      | 6,084.3       | 464.4         | 6.06                | -6.05                | 0.36                | -14.8                  | -8.8                    |
| 18,785.0     | 86.99      | 3.56                 | 12,377.8      | 6,179.8       | 472.3         | 2.50                | 0.42                 | -2.47               | -9.4                   | -17.3                   |
| 18,880.0     | 86.99      | 1.45                 | 12,382.7      | 6,274.6       | 476.5         | 2.22                | 0.00                 | -2.22               | -4.4                   | -22.0                   |
| 18,975.0     | 90.42      | 359.43               | 12,384.9      | 6,369.6       | 477.2         | 4.19                | 3.61                 | -2.13               | -2.2                   | -23.3                   |
| 19,070.0     | 90.68      | 358.90               | 12,384.0      | 6,464.6       | 475.8         | 0.62                | 0.27                 | -0.56               | -3.1                   | -22.4                   |
| 19,166.0     | 91.60      | 358.46               | 12,382.1      | 6,560.5       | 473.6         | 1.06                | 0.96                 | -0.46               | -5.0                   | -20.8                   |
| 19,261.0     | 91.21      | 359.34               | 12,379.7      | 6,655.5       | 471.8         | 1.01                | -0.41                | 0.93                | -7.4                   | -19.5                   |
| 19,356.0     | 90.90      | 0.13                 | 12,378.0      | 6,750.4       | 471.3         | 0.89                | -0.33                | 0.83                | -9.1                   | -19.6                   |
| 19,452.0     | 88.40      | 0.31                 | 12,378.6      | 6,846.4       | 471.7         | 2.61                | -2.60                | 0.19                | -8.5                   | -20.5                   |
| 19,547.0     | 89.41      | 1.19                 | 12,380.4      | 6,941.4       | 473.0         | 1.41                | 1.06                 | 0.93                | -6.7                   | -22.3                   |
| 19,643.0     | 89.41      | 0.39                 | 12,381.4      | 7,037.4       | 474.3         | 0.83                | 0.00                 | -0.83               | -5.7                   | -24.2                   |
| 19,738.0     | 89.41      | 0.39                 | 12,382.4      | 7,132.4       | 474.9         | 0.00                | 0.00                 | 0.00                | -4.7                   | -25.4                   |
| 19,834.0     | 89.58      | 1.63                 | 12,383.2      | 7,228.4       | 476.6         | 1.30                | 0.18                 | 1.29                | -3.9                   | -27.6                   |
| 19,930.0     | 90.42      | 358.11               | 12,383.2      | 7,324.4       | 476.4         | 3.77                | 0.87                 | -3.67               | -3.9                   | -28.0                   |
| 20,025.0     | 90.81      | 357.93               | 12,382.2      | 7,419.3       | 473.1         | 0.45                | 0.41                 | -0.19               | -4.9                   | -25.2                   |
| 20,121.0     | 89.54      | 357.85               | 12,381.9      | 7,515.2       | 469.6         | 1.33                | -1.32                | -0.08               | -5.2                   | -22.3                   |
| 20,215.0     | 90.20      | 357.49               | 12,382.1      | 7,609.1       | 465.8         | 0.80                | 0.70                 | -0.38               | -5.0                   | -19.0                   |
| 20,311.0     | 89.10      | 357.93               | 12,382.7      | 7,705.1       | 461.9         | 1.23                | -1.15                | 0.46                | -4.4                   | -15.7                   |
| 20,405.0     | 89.58      | 357.93               | 12,383.8      | 7,799.0       | 458.5         | 0.51                | 0.51                 | 0.00                | -3.3                   | -12.9                   |
| 20,500.0     | 89.98      | 358.11               | 12,384.1      | 7,893.9       | 455.2         | 0.46                | 0.42                 | 0.19                | -2.9                   | -10.1                   |
| 20,595.0     | 90.11      | 358.02               | 12,384.1      | 7,988.9       | 452.0         | 0.17                | 0.14                 | -0.09               | -3.0                   | -7.5                    |
| 20,689.0     | 89.98      | 358.29               | 12,384.0      | 8,082.8       | 449.0         | 0.32                | -0.14                | 0.29                | -3.1                   | -5.0                    |
| 20,784.0     | 88.31      | 358.73               | 12,385.4      | 8,177.8       | 446.5         | 1.82                | -1.76                | 0.46                | -1.6                   | -3.1                    |
| 20,879.0     | 88.44      | 358.02               | 12,388.1      | 8,272.7       | 443.9         | 0.76                | 0.14                 | -0.75               | 1.1                    | -0.9                    |
| 20,973.0     | 88.88      | 357.49               | 12,390.3      | 8,366.6       | 440.2         | 0.73                | 0.47                 | -0.56               | 3.3                    | 2.2                     |
| 21,068.0     | 88.22      | 356.00               | 12,392.7      | 8,461.4       | 434.8         | 1.71                | -0.69                | -1.57               | 5.7                    | 7.1                     |

|                  |                             |                                     |                       |
|------------------|-----------------------------|-------------------------------------|-----------------------|
| <b>Company:</b>  | Midland                     | <b>Local Co-ordinate Reference:</b> | Well #711H            |
| <b>Project:</b>  | Lea County, NM (NAD 83 NME) | <b>TVD Reference:</b>               | KB = 26' @ 3669.0usft |
| <b>Site:</b>     | Pegasus 3 Fed Com           | <b>MD Reference:</b>                | KB = 26' @ 3669.0usft |
| <b>Well:</b>     | #711H                       | <b>North Reference:</b>             | Grid                  |
| <b>Wellbore:</b> | OH                          | <b>Survey Calculation Method:</b>   | Minimum Curvature     |
| <b>Design:</b>   | OH                          | <b>Database:</b>                    | PEDM                  |

| Survey                          |            |                      |               |               |               |                     |                      |                     |                        |                         |  |
|---------------------------------|------------|----------------------|---------------|---------------|---------------|---------------------|----------------------|---------------------|------------------------|-------------------------|--|
| MD<br>(usft)                    | Inc<br>(°) | Azi (azimuth)<br>(°) | TVD<br>(usft) | N/S<br>(usft) | E/W<br>(usft) | DLeg<br>(°/100usft) | Build<br>(°/100usft) | Turn<br>(°/100usft) | High to Plan<br>(usft) | Right to Plan<br>(usft) |  |
| 21,163.0                        | 89.49      | 357.58               | 12,394.6      | 8,556.3       | 429.5         | 2.13                | 1.34                 | 1.66                | 7.6                    | 11.8                    |  |
| 21,258.0                        | 92.40      | 3.12                 | 12,393.0      | 8,651.2       | 430.0         | 6.59                | 3.06                 | 5.83                | 6.0                    | 10.7                    |  |
| 21,353.0                        | 91.30      | 2.50                 | 12,390.0      | 8,746.0       | 434.7         | 1.33                | -1.16                | -0.65               | 2.9                    | 5.5                     |  |
| 21,448.0                        | 90.68      | 1.63                 | 12,388.3      | 8,840.9       | 438.1         | 1.12                | -0.65                | -0.92               | 1.3                    | 1.5                     |  |
| 21,543.0                        | 89.71      | 1.80                 | 12,388.0      | 8,935.9       | 441.0         | 1.04                | -1.02                | 0.18                | 1.0                    | -1.9                    |  |
| 21,638.0                        | 90.51      | 1.98                 | 12,387.8      | 9,030.9       | 444.1         | 0.86                | 0.84                 | 0.19                | 0.8                    | -5.5                    |  |
| 21,732.0                        | 89.49      | 0.13                 | 12,387.8      | 9,124.8       | 445.8         | 2.25                | -1.09                | -1.97               | 0.8                    | -7.8                    |  |
| 21,827.0                        | 88.40      | 1.89                 | 12,389.6      | 9,219.8       | 447.5         | 2.18                | -1.15                | 1.85                | 2.5                    | -10.0                   |  |
| 21,922.0                        | 89.10      | 0.48                 | 12,391.6      | 9,314.7       | 449.5         | 1.66                | 0.74                 | -1.48               | 4.6                    | -12.5                   |  |
| 22,017.0                        | 87.69      | 358.90               | 12,394.3      | 9,409.7       | 448.9         | 2.23                | -1.48                | -1.66               | 7.3                    | -12.6                   |  |
| 22,111.0                        | 87.69      | 359.08               | 12,398.1      | 9,503.6       | 447.3         | 0.19                | 0.00                 | 0.19                | 11.1                   | -11.5                   |  |
| 22,198.0                        | 89.01      | 358.46               | 12,400.6      | 9,590.6       | 445.4         | 1.68                | 1.52                 | -0.71               | 13.6                   | -10.1                   |  |
| 22,293.0                        | 90.51      | 358.99               | 12,401.0      | 9,685.5       | 443.3         | 1.67                | 1.58                 | 0.56                | 14.0                   | -8.5                    |  |
| 22,397.0                        | 91.38      | 0.04                 | 12,399.3      | 9,789.5       | 442.4         | 1.31                | 0.84                 | 1.01                | 12.3                   | -8.3                    |  |
| Last MWD Survey (MD=22397.0')   |            |                      |               |               |               |                     |                      |                     |                        |                         |  |
| 22,592.0                        | 91.38      | 0.04                 | 12,394.6      | 9,984.4       | 442.6         | 0.00                | 0.00                 | 0.00                | 7.6                    | -9.5                    |  |
| Projection to Bit (MD=22592.0') |            |                      |               |               |               |                     |                      |                     |                        |                         |  |

| Design Annotations          |                             |                   |                 |                                                                             |
|-----------------------------|-----------------------------|-------------------|-----------------|-----------------------------------------------------------------------------|
| Measured<br>Depth<br>(usft) | Vertical<br>Depth<br>(usft) | Local Coordinates |                 | Comment                                                                     |
|                             |                             | +N/-S<br>(usft)   | +E/-W<br>(usft) |                                                                             |
| 12,062.0                    | 12,023.1                    | -380.1            | 386.8           | KOP, MD:12062.0', TVD:12023.1', N/S:-380.1', E/W:386.8', INC:10.01          |
| 12,418.1                    | 12,281.7                    | -161.7            | 441.8           | FTP Crossing, MD:12418.1', TVD:12281.7', N/S:-161.7', E/W:441.8', INC:63.11 |
| 22,397.0                    | 12,399.3                    | 9,789.5           | 442.4           | Last MWD Survey (MD=22397.0')                                               |
| 22,592.0                    | 12,394.6                    | 9,984.4           | 442.6           | Projection to Bit (MD=22592.0')                                             |

I CERTIFY THIS SURVEY TO BE TRUE AND CORRECT TO THE BEST OF MY BELIEF AND KNOWLEDGE KAY MADDOX JULY 25,2022

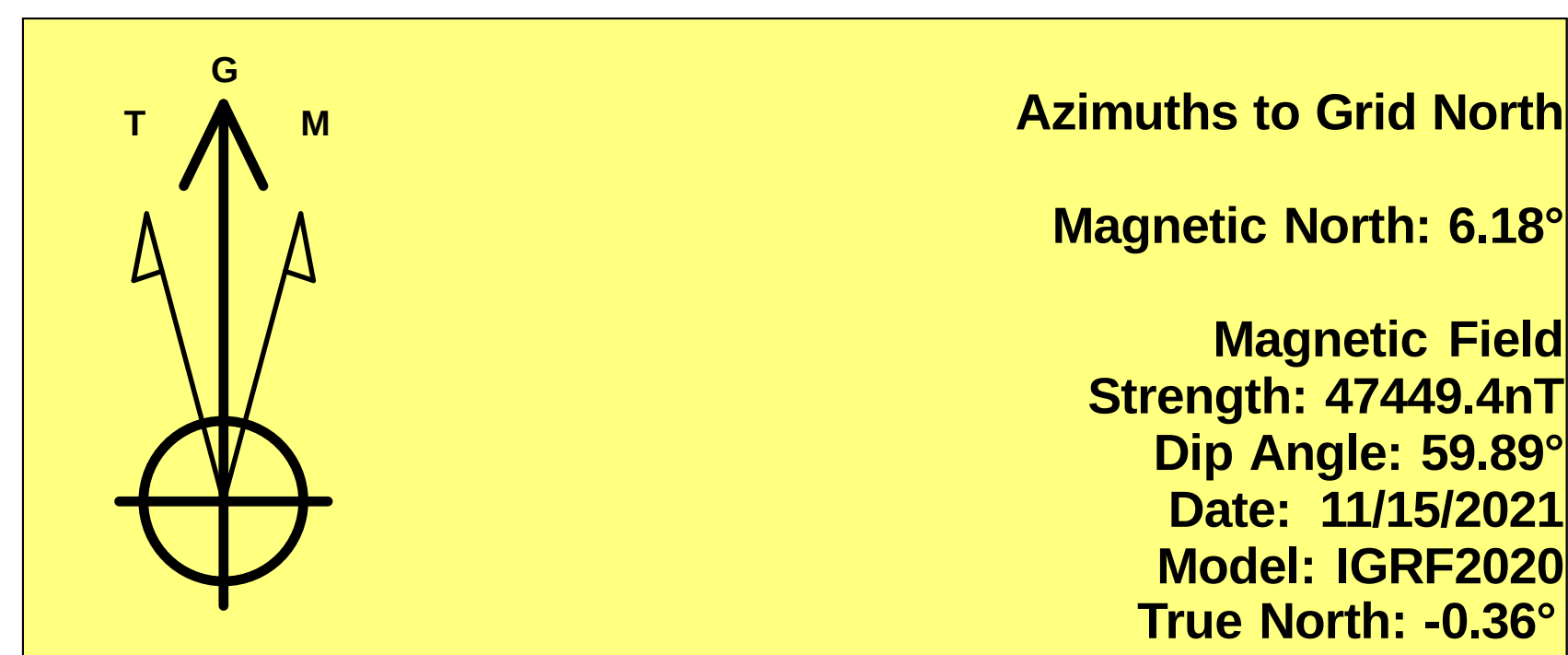
|                   |                    |             |
|-------------------|--------------------|-------------|
| Checked By: _____ | Approved By: _____ | Date: _____ |
|-------------------|--------------------|-------------|



Lea County, NM (NAD 83 NME)

Pegasus 3 Fed Com #711H

Plan #1



Azimuths to Grid North

Magnetic North: 6.18°

Magnetic Field

Strength: 47449.4nT

Dip Angle: 59.89°

Date: 11/15/2021

Model: IGRF2020

True North: -0.36°

To convert a Magnetic Direction to a Grid Direction, Add 6.18°  
To convert a Magnetic Direction to a True Direction, Add 6.54° East  
To convert a True Direction to a Grid Direction, Subtract 0.36°

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: #711H

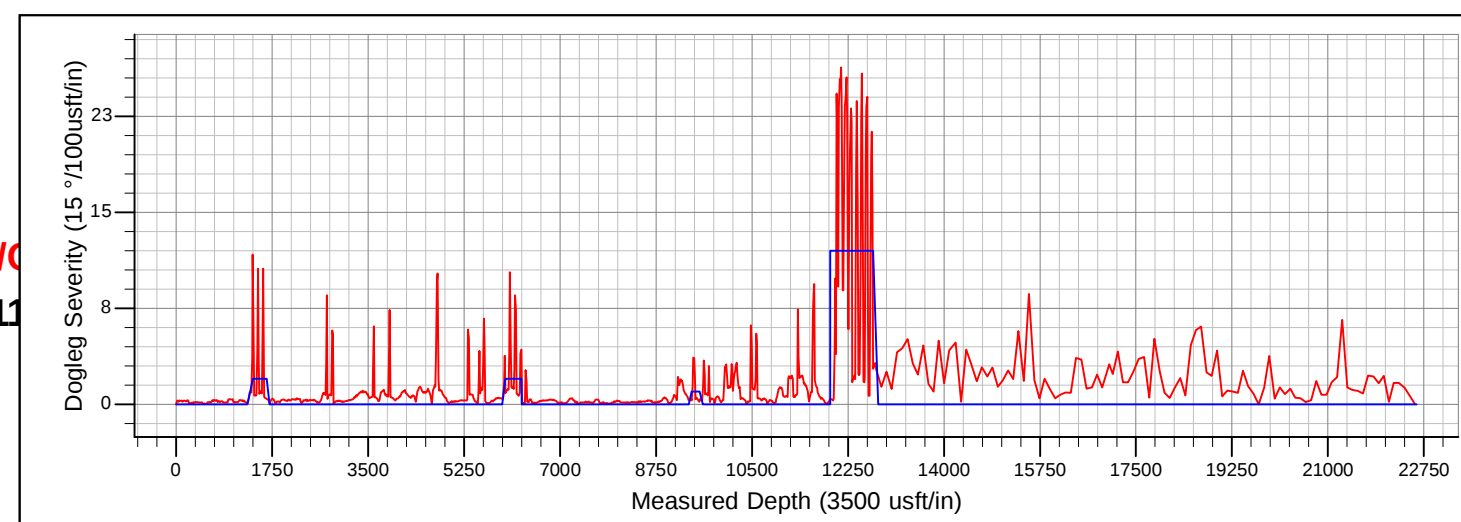
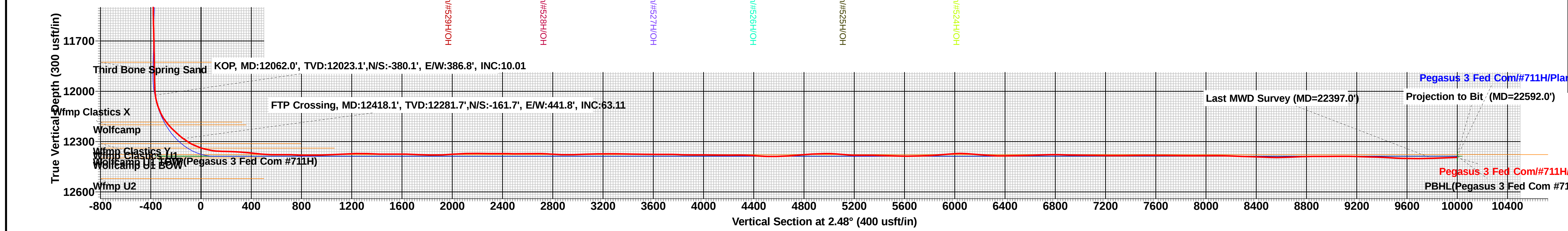
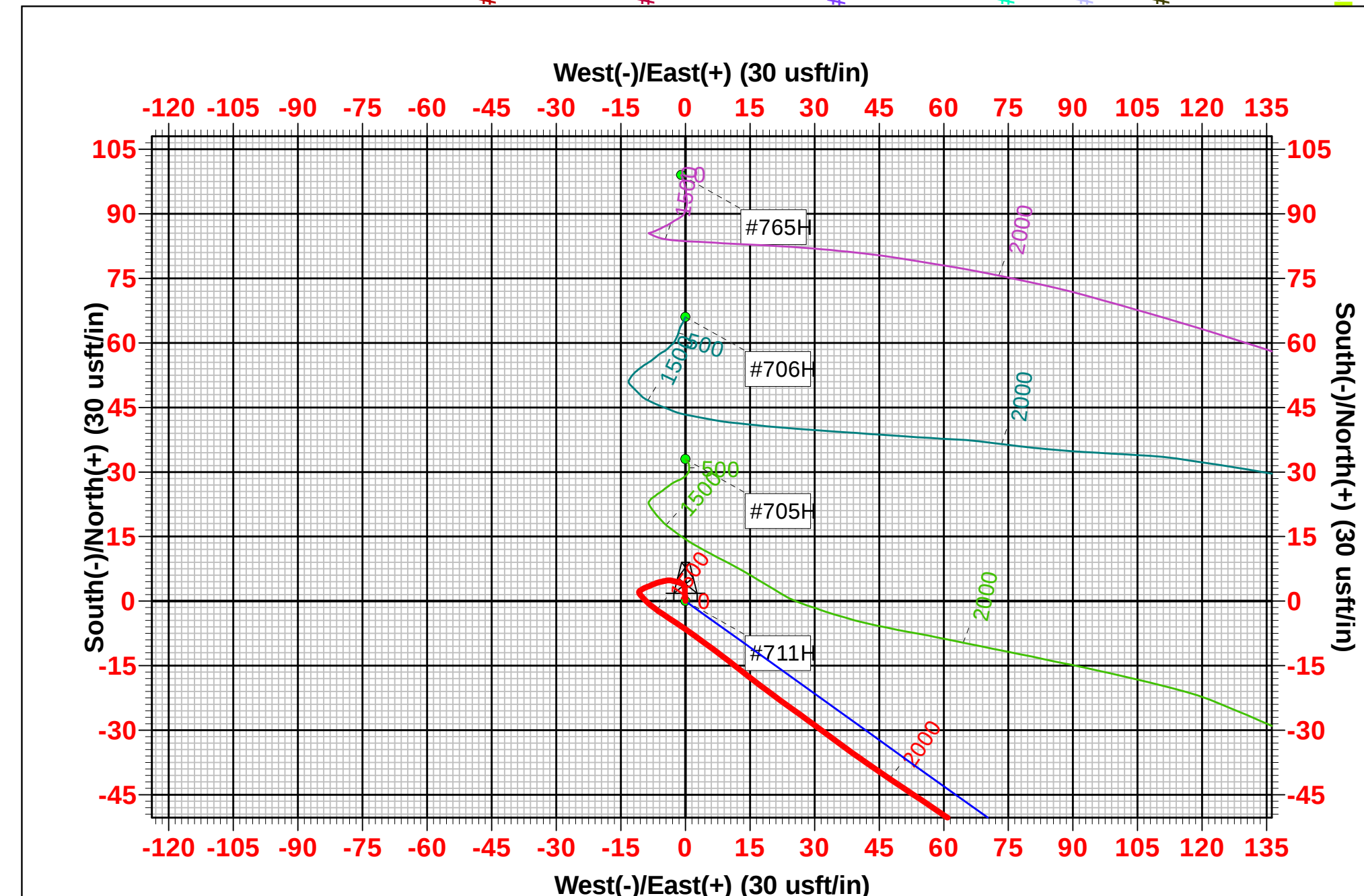
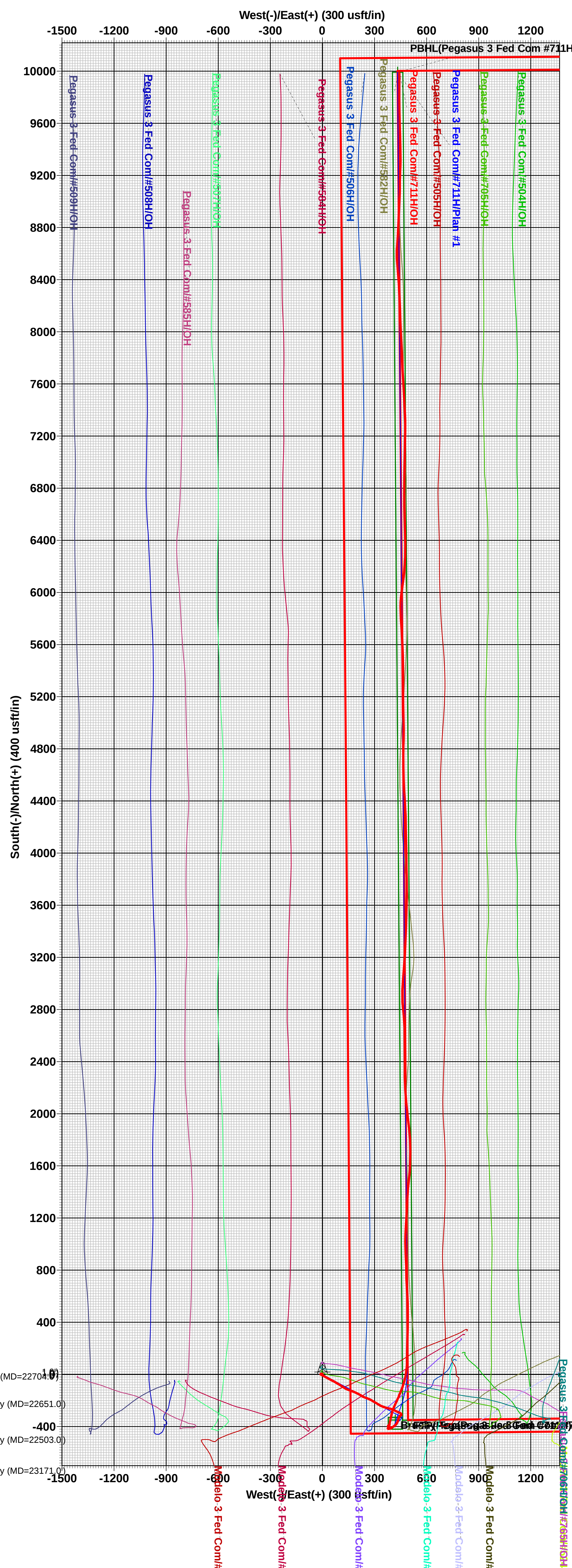
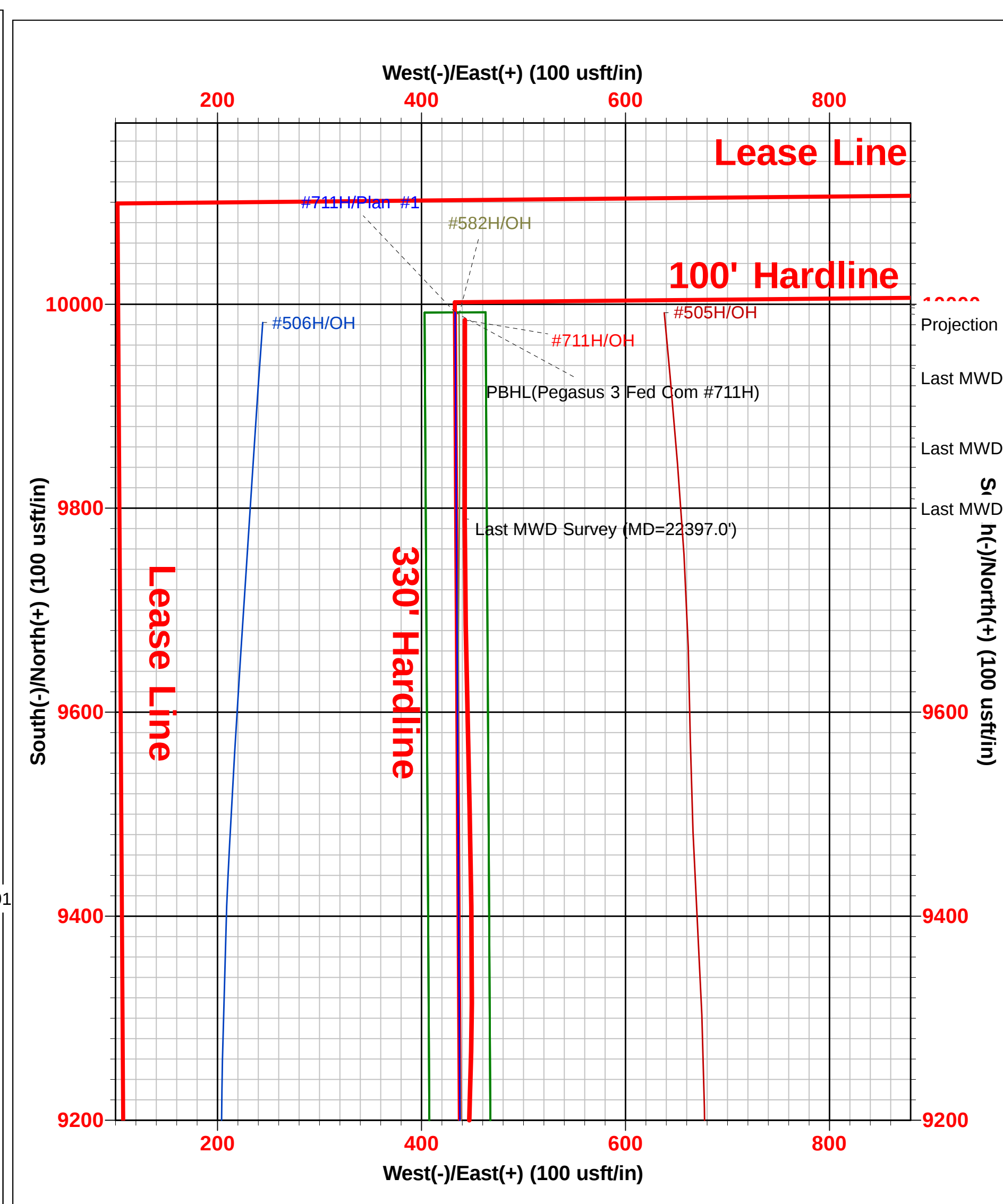
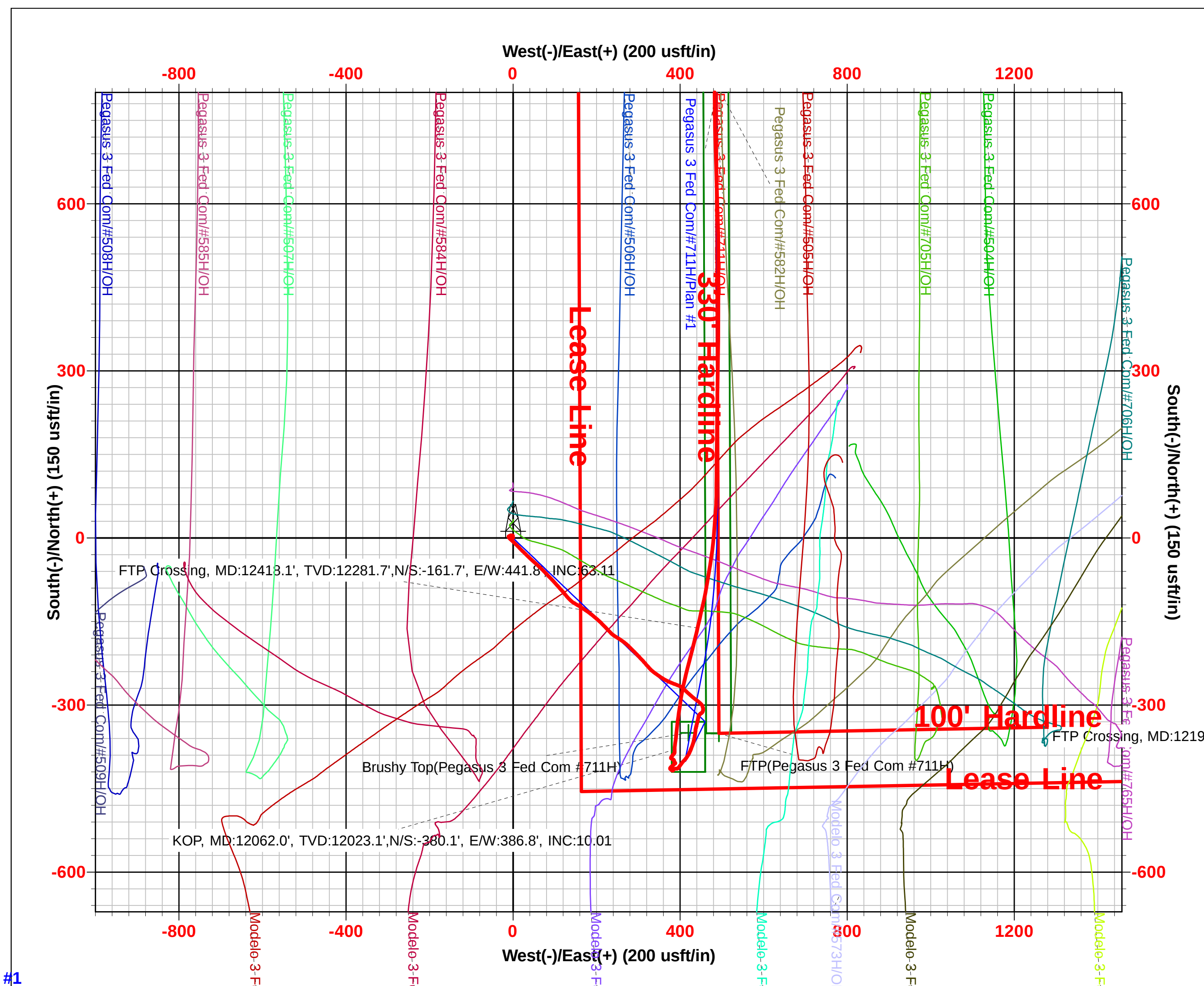
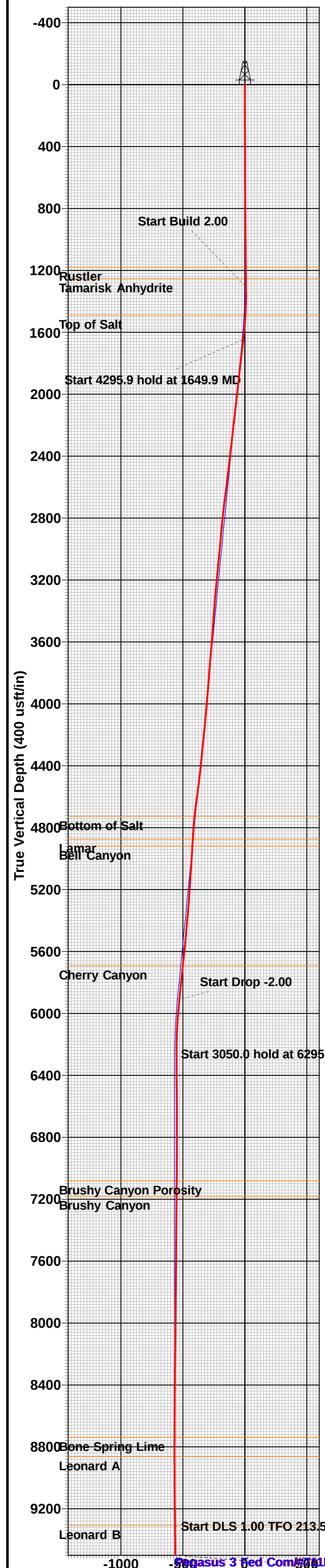
KB = 26' @ 3669.0usft 3643.0  
Northing 451910.00 Easting 748578.00 Latitude 32° 14' 26.155 N Longitude 103° 39' 46.945 W

### SECTION DETAILS

| Sec | MD      | Inc   | Azi    | TVD     | +N/-S  | +E/-W | Dleg  | TFace  | VSect   | Target                        |
|-----|---------|-------|--------|---------|--------|-------|-------|--------|---------|-------------------------------|
| 1   | 0.0     | 0.00  | 0.00   | 0.0     | 0.0    | 0.0   | 0.00  | 0.00   | 0.0     |                               |
| 2   | 1300.0  | 0.00  | 0.00   | 1300.0  | 0.0    | 0.0   | 0.00  | 0.00   | 0.0     |                               |
| 3   | 1649.9  | 7.00  | 125.66 | 1649.1  | -12.4  | 17.3  | 2.00  | 125.66 | -11.7   |                               |
| 4   | 5945.8  | 7.00  | 125.66 | 5912.9  | -317.6 | 442.7 | 0.00  | 0.00   | -298.1  |                               |
| 5   | 6295.7  | 0.00  | 0.00   | 6262.0  | -330.0 | 460.0 | 2.00  | 180.00 | -309.8  |                               |
| 6   | 9345.7  | 0.00  | 0.00   | 9312.0  | -330.0 | 460.0 | 0.00  | 0.00   | -309.8  |                               |
| 7   | 9542.7  | 1.97  | 213.50 | 9508.9  | -332.8 | 458.1 | 1.00  | 213.50 | -312.7  |                               |
| 8   | 11922.2 | 1.97  | 213.50 | 11887.0 | -401.0 | 413.0 | 0.00  | 0.00   | -382.7  |                               |
| 9   | 12354.4 | 50.00 | 15.00  | 12268.3 | -235.8 | 454.6 | 12.00 | 162.00 | -215.9  |                               |
| 10  | 12707.6 | 90.00 | 359.67 | 12387.3 | 86.2   | 490.3 | 12.00 | -23.10 | 107.3   |                               |
| 11  | 22613.5 | 90.00 | 359.67 | 12387.0 | 9992.0 | 433.0 | 0.00  | 0.00   | 10001.4 | PBHL(Pegasus 3 Fed Com #711H) |

### WELLBORE TARGET DETAILS (MAP CO-ORDINATES)

| Name                                | TVD     | +N/-S  | +E/-W | Northing  | Easting   |
|-------------------------------------|---------|--------|-------|-----------|-----------|
| Brushy Top(Pegasus 3 Fed Com #711H) | 7082.0  | -350.0 | 420.0 | 451560.00 | 748998.00 |
| FTP(Pegasus 3 Fed Com #711H)        | 12387.0 | -351.0 | 493.0 | 451559.00 | 749071.00 |
| PBHL(Pegasus 3 Fed Com #711H)       | 12387.0 | 9992.0 | 433.0 | 461902.00 | 749011.00 |



Intent ☐ As Drilled ☐

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

## Kick Off Point (KOP)

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

## First Take Point (FTP)

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

## Last Take Point (LTP)

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

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

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

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

KZ 06/29/2018

|                                                                                                                                                                                                                                                                                                                                                                                           |                                            |                                                                                                                                                                                       |                                                               |                          |                                             |                                                                                                                                                                                      |                                |                                                                      |             |               |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------|--------------------------|---------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|----------------------------------------------------------------------|-------------|---------------|
| Submit To Appropriate District Office<br>Two Copies<br><u>District I</u><br>1625 N. French Dr., Hobbs, NM 88240<br><u>District II</u><br>811 S. First St., Artesia, NM 88210<br><u>District III</u><br>1000 Rio Brazos Rd., Aztec, NM 87410<br><u>District IV</u><br>1220 S. St. Francis Dr., Santa Fe, NM 87505                                                                          |                                            | <b>State of New Mexico</b><br><b>Energy, Minerals and Natural Resources</b><br><br><b>Oil Conservation Division</b><br><b>1220 South St. Francis Dr.</b><br><b>Santa Fe, NM 87505</b> |                                                               |                          | <b>Form C-105</b><br>Revised August 1, 2011 |                                                                                                                                                                                      |                                |                                                                      |             |               |
| WELL COMPLETION OR RECOMPLETION REPORT AND LOG                                                                                                                                                                                                                                                                                                                                            |                                            |                                                                                                                                                                                       |                                                               |                          |                                             |                                                                                                                                                                                      |                                |                                                                      |             |               |
| 4. Reason for filing:<br><br><input checked="" type="checkbox"/> <b>COMPLETION REPORT</b> (Fill in boxes #1 through #31 for State and Fee wells only)<br><br><input type="checkbox"/> <b>C-144 CLOSURE ATTACHMENT</b> (Fill in boxes #1 through #9, #15 Date Rig Released and #32 and/or #33; attach this and the plat to the C-144 closure report in accordance with 19.15.17.13.K NMAC) |                                            |                                                                                                                                                                                       |                                                               |                          |                                             |                                                                                                                                                                                      |                                | 5. Lease Name or Unit Agreement Name<br><b>PEGASUS 3 FEDERAL COM</b> |             |               |
|                                                                                                                                                                                                                                                                                                                                                                                           |                                            |                                                                                                                                                                                       |                                                               |                          |                                             |                                                                                                                                                                                      |                                | 6. Well Number:<br><br><b>711H</b>                                   |             |               |
| 7. Type of Completion:<br><input checked="" type="checkbox"/> NEW WELL <input type="checkbox"/> WORKOVER <input type="checkbox"/> DEEPENING <input type="checkbox"/> PLUGBACK <input type="checkbox"/> DIFFERENT RESERVOIR <input type="checkbox"/> OTHER _____                                                                                                                           |                                            |                                                                                                                                                                                       |                                                               |                          |                                             |                                                                                                                                                                                      |                                |                                                                      |             |               |
| 8. Name of Operator<br><b>EOG RESOURCES INC</b>                                                                                                                                                                                                                                                                                                                                           |                                            |                                                                                                                                                                                       |                                                               |                          |                                             | 9. OGRID<br><b>7377</b>                                                                                                                                                              |                                |                                                                      |             |               |
| 10. Address of Operator<br><b>PO BOX 2267 MIDLAND, TEXAS 79702</b>                                                                                                                                                                                                                                                                                                                        |                                            |                                                                                                                                                                                       |                                                               |                          |                                             | 11. Pool name or Wildcat<br><b>WC025 G08 S243217P; UPPER WOLFCAMP (98248)</b>                                                                                                        |                                |                                                                      |             |               |
| 12. Location                                                                                                                                                                                                                                                                                                                                                                              | Unit Ltr                                   | Section                                                                                                                                                                               | Township                                                      | Range                    | Lot                                         | Feet from the                                                                                                                                                                        | N/S Line                       | Feet from the                                                        | E/W Line    | County        |
| <b>Surface:</b>                                                                                                                                                                                                                                                                                                                                                                           | <b>N</b>                                   | <b>03</b>                                                                                                                                                                             | <b>24S</b>                                                    | <b>32E</b>               |                                             | <b>457</b>                                                                                                                                                                           | <b>SOUTH</b>                   | <b>2475</b>                                                          | <b>WEST</b> | <b>LEA</b>    |
| <b>BH:</b>                                                                                                                                                                                                                                                                                                                                                                                | <b>B</b>                                   | <b>34</b>                                                                                                                                                                             | <b>23S</b>                                                    | <b>32E</b>               |                                             | <b>117</b>                                                                                                                                                                           | <b>NORTH</b>                   | <b>2302</b>                                                          | <b>EAST</b> | <b>LEA</b>    |
| 13. Date Spudded<br><b>02/16/2022</b>                                                                                                                                                                                                                                                                                                                                                     | 14. Date T.D. Reached<br><b>05/09/2022</b> |                                                                                                                                                                                       | 15. Date Rig Released<br><b>05/11/2022</b>                    |                          |                                             | 16. Date Completed (Ready to Produce)<br><b>07/23/2022</b>                                                                                                                           |                                | 17. Elevations (DF and RKB, RT, GR, etc.)<br><b>3645' GL</b>         |             |               |
| 18. Total Measured Depth of Well<br><b>MD 22,592' TVD 12,394'</b>                                                                                                                                                                                                                                                                                                                         |                                            |                                                                                                                                                                                       | 19. Plug Back Measured Depth<br><b>MD 22,569' TVD 12,394'</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>WOLFCAMP 12,612 - 22,569'</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 |
| 9 5/8"                                                                                                                                                                                                                                                                                                                                                                                    |                                            | 40.5# J-55                                                                                                                                                                            |                                                               | 1283'                    |                                             | 12 1/4"                                                                                                                                                                              |                                | 450 SXS CL C/CIRC                                                    |             |               |
| 7 5/8"                                                                                                                                                                                                                                                                                                                                                                                    |                                            | 29.7# ECP 110                                                                                                                                                                         |                                                               | 11,730'                  |                                             | 8 3/4"                                                                                                                                                                               |                                | 1835 SXS CL C/79                                                     |             | ECHO          |
| 5.5 "                                                                                                                                                                                                                                                                                                                                                                                     |                                            | 20# ECP 110                                                                                                                                                                           |                                                               | 22,577'                  |                                             | 6 3/4"                                                                                                                                                                               |                                | 970 SXS CL H TOC                                                     |             | 11,388' 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>12,612 - 22,569'   3 1/8", 2142 holes</b>                                                                                                                                                                                                                                                                                   |                                            |                                                                                                                                                                                       |                                                               |                          |                                             | 27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.<br>DEPTH INTERVAL   AMOUNT AND KIND MATERIAL USED<br><b>12,612 - 22,569'   FRAC W/24,997,466 lbs proppant, 430,783 bbls load fld</b> |                                |                                                                      |             |               |
|                                                                                                                                                                                                                                                                                                                                                                                           |                                            |                                                                                                                                                                                       |                                                               |                          |                                             |                                                                                                                                                                                      |                                |                                                                      |             |               |
|                                                                                                                                                                                                                                                                                                                                                                                           |                                            |                                                                                                                                                                                       |                                                               |                          |                                             |                                                                                                                                                                                      |                                |                                                                      |             |               |
|                                                                                                                                                                                                                                                                                                                                                                                           |                                            |                                                                                                                                                                                       |                                                               |                          |                                             |                                                                                                                                                                                      |                                |                                                                      |             |               |
| <b>28. PRODUCTION</b>                                                                                                                                                                                                                                                                                                                                                                     |                                            |                                                                                                                                                                                       |                                                               |                          |                                             |                                                                                                                                                                                      |                                |                                                                      |             |               |
| Date First Production<br><b>07/23/2022</b>                                                                                                                                                                                                                                                                                                                                                |                                            | Production Method ( <i>Flowing, gas lift, pumping - Size and type pump</i> )<br><b>Flowing</b>                                                                                        |                                                               |                          |                                             | Well Status ( <i>Prod. or Shut-in</i> )<br><b>Producing</b>                                                                                                                          |                                |                                                                      |             |               |
| Date of Test<br><b>07/31/2022</b>                                                                                                                                                                                                                                                                                                                                                         | Hours Tested<br><b>24</b>                  | Choke Size<br><b>64</b>                                                                                                                                                               | Prod'n For Test Period                                        | Oil - Bbl<br><b>4448</b> | Gas - MCF<br><b>10,569</b>                  | Water - Bbl.<br><b>5909</b>                                                                                                                                                          | Gas - Oil Ratio<br><b>2376</b> |                                                                      |             |               |
| Flow Tubing Press.                                                                                                                                                                                                                                                                                                                                                                        | Casing Pressure<br><b>2674</b>             | Calculated 24-Hour Rate                                                                                                                                                               | Oil - Bbl.                                                    | Gas - MCF                | Water - Bbl.                                | Oil Gravity - API - ( <i>Corr.</i> )<br><b>44</b>                                                                                                                                    |                                |                                                                      |             |               |
| 29. Disposition of Gas ( <i>Sold, used for fuel, vented, etc.</i> )<br><b>SOLD</b>                                                                                                                                                                                                                                                                                                        |                                            |                                                                                                                                                                                       |                                                               |                          |                                             |                                                                                                                                                                                      |                                | 30. Test Witnessed By                                                |             |               |
| 31. List Attachments<br><b>C-102, C-104, Directional Survey, H spacing</b>                                                                                                                                                                                                                                                                                                                |                                            |                                                                                                                                                                                       |                                                               |                          |                                             |                                                                                                                                                                                      |                                |                                                                      |             |               |
| 32. If a temporary pit was used at the well, attach a plat with the location of the temporary pit.                                                                                                                                                                                                                                                                                        |                                            |                                                                                                                                                                                       |                                                               |                          |                                             |                                                                                                                                                                                      |                                |                                                                      |             |               |
| 33. If an on-site burial was used at the well, report the exact location of the on-site burial:<br>Latitude _____ Longitude _____ NAD 1927 1983                                                                                                                                                                                                                                           |                                            |                                                                                                                                                                                       |                                                               |                          |                                             |                                                                                                                                                                                      |                                |                                                                      |             |               |
| I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief<br>Printed<br>Signature <b>Kay Maddox</b> Name <b>Kay Maddox</b> Title <b>Senior Regulatory Specialist</b> Date <b>08/03/2022</b><br>E-mail Address <b>kay_maddox@eogresources.com</b>                                                                 |                                            |                                                                                                                                                                                       |                                                               |                          |                                             |                                                                                                                                                                                      |                                |                                                                      |             |               |

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

| Southeastern New Mexico |                        | Northwestern New Mexico |                  |
|-------------------------|------------------------|-------------------------|------------------|
| T. Anhy Rustler 1185'   | T. Canyon Brushy 7135' | T. Ojo Alamo            | T. Penn A"       |
| T. Salt 1510'           | T. Strawn              | T. Kirtland             | T. Penn. "B"     |
| B. Salt 4685'           | T. Atoka               | T. Fruitland            | T. Penn. "C"     |
| T. Yates                | T. Miss                | T. Pictured Cliffs      | T. Penn. "D"     |
| T. 7 Rivers             | T. Devonian            | T. Cliff House          | T. Leadville     |
| T. Queen                | T. Silurian            | T. Menefee              | T. Madison       |
| T. Grayburg             | T. Montoya             | T. Point Lookout        | T. Elbert        |
| T. San Andres           | T. Simpson             | T. Mancos               | T. McCracken     |
| T. Glorieta             | T. McKee               | T. Gallup               | T. Ignacio Otzte |
| T. Paddock              | T. Ellenburger         | Base Greenhorn          | T. Granite       |
| T. Blinebry             | T. Gr. Wash            | T. Dakota               |                  |
| T. Tubb                 | T. Delaware Sand       | T. Morrison             |                  |
| T. Drinkard             | T. Bone Springs        | T. Todilto              |                  |
| T. Abo                  | T. 1st BS Sand 9930'   | T. Entrada              |                  |
| T. Wolfcamp 12,170'     | T. 2nd BS Sand 10,515' | T. Wingate              |                  |
| T. Penn                 | T. 3rd BS SAND 11,850' | T. Chinle               |                  |
| T. Cisco (Bough C)      | T.                     | T. Permian              |                  |

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

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

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

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

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

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

General Information  
Phone: (505) 629-6116

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

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

ACKNOWLEDGMENTS

Action 131313

**ACKNOWLEDGMENTS**

|                                                                             |                                                    |
|-----------------------------------------------------------------------------|----------------------------------------------------|
| Operator:<br>EOG RESOURCES INC<br>5509 Champions Drive<br>Midland, TX 79706 | OGRID:<br>7377                                     |
|                                                                             | Action Number:<br>131313                           |
|                                                                             | Action Type:<br>[C-104] Completion Packet (C-104C) |

**ACKNOWLEDGMENTS**

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

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

CONDITIONS

Action 131313

CONDITIONS

|                                                                             |                                                    |
|-----------------------------------------------------------------------------|----------------------------------------------------|
| Operator:<br>EOG RESOURCES INC<br>5509 Champions Drive<br>Midland, TX 79706 | OGRID:<br>7377                                     |
|                                                                             | Action Number:<br>131313                           |
|                                                                             | Action Type:<br>[C-104] Completion Packet (C-104C) |

CONDITIONS

| Created By | Condition                                                     | Condition Date |
|------------|---------------------------------------------------------------|----------------|
| plmartinez | File 3160-4 Completion Report within 10 days of BLM approval. | 10/1/2025      |