

## **EOG Resources - Midland**

Lea County, NM (NAD 83 NME)

Convoy 28 State Com

#703H

OH

**HOBBS OCD**

**MAY 29 2018**

Design: OH

**RECEIVED**

## **PVA Report**

07 March, 2018

**EOG Resources**  
PVA Report

|                  |                             |  |                                     |                               |
|------------------|-----------------------------|--|-------------------------------------|-------------------------------|
| <b>Company:</b>  | EOG Resources - Midland     |  | <b>Local Co-ordinate Reference:</b> | Well #703H                    |
| <b>Project:</b>  | Lea County, NM (NAD 83 NME) |  | <b>TVD Reference:</b>               | KB = 25 @ 3551.0usft (HP 620) |
| <b>Site:</b>     | Convoy 28 State Com         |  | <b>MD Reference:</b>                | KB = 25 @ 3551.0usft (HP 620) |
| <b>Well:</b>     | #703H                       |  | <b>North Reference:</b>             | Grid                          |
| <b>Wellbore:</b> | OH                          |  | <b>Survey Calculation Method:</b>   | Minimum Curvature             |
| <b>Design:</b>   | OH                          |  | <b>Database:</b>                    | EDM 5000.14 Single User Db    |

  

|                    |                             |                      |                |  |
|--------------------|-----------------------------|----------------------|----------------|--|
| <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>                  | Convoy 28 State Com |                     |                 |                          |                   |
| <b>Site Position:</b>        |                     | <b>Northing:</b>    | 435,221.00 usft | <b>Latitude:</b>         | 32° 11' 39.126 N  |
| <b>From:</b>                 | Map                 | <b>Easting:</b>     | 777,172.00 usft | <b>Longitude:</b>        | 103° 34' 15.406 W |
| <b>Position Uncertainty:</b> | 0.0 usft            | <b>Slot Radius:</b> | 13-3/16 "       | <b>Grid Convergence:</b> | 0.41 °            |

  

|                             |       |          |                            |                 |                      |                   |
|-----------------------------|-------|----------|----------------------------|-----------------|----------------------|-------------------|
| <b>Well</b>                 | #703H |          |                            |                 |                      |                   |
| <b>Well Position</b>        | +N/-S | 0.0 usft | <b>Northing:</b>           | 435,250.00 usft | <b>Latitude:</b>     | 32° 11' 39.479 N  |
|                             | +E/-W | 0.0 usft | <b>Easting:</b>            | 776,227.00 usft | <b>Longitude:</b>    | 103° 34' 26.400 W |
| <b>Position Uncertainty</b> |       | 0.0 usft | <b>Wellhead Elevation:</b> | usft            | <b>Ground Level:</b> | 3,526.0 usft      |

  

|                 |    |  |  |  |
|-----------------|----|--|--|--|
| <b>Wellbore</b> | OH |  |  |  |
|-----------------|----|--|--|--|

  

|                  |                   |                    |                        |                      |                            |
|------------------|-------------------|--------------------|------------------------|----------------------|----------------------------|
| <b>Magnetics</b> | <b>Model Name</b> | <b>Sample Date</b> | <b>Declination (°)</b> | <b>Dip Angle (°)</b> | <b>Field Strength (nT)</b> |
|                  | IGRF2015          | 11/30/2017         | 6.90                   | 60.03                | 47,872.73032447            |

  

|                          |                                |                     |                     |                      |     |
|--------------------------|--------------------------------|---------------------|---------------------|----------------------|-----|
| <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                 | 176.67               |     |

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| <b>Site:</b>     | Convoy 28 State Corn        | <b>MD Reference:</b>                | KB = 25 @ 3551.0usft (HP 620) |
| <b>Well:</b>     | #703H                       | <b>North Reference:</b>             | Grid                          |
| <b>Wellbore:</b> | OH                          | <b>Survey Calculation Method:</b>   | Minimum Curvature             |
| <b>Design:</b>   | OH                          | <b>Database:</b>                    | EDM 5000.14 Single User Db    |

| Survey Program |           | Date               |           |                |  |
|----------------|-----------|--------------------|-----------|----------------|--|
|                |           | 3/7/2018           |           |                |  |
| From (usft)    | To (usft) | Survey (Wellbore)  | Tool Name | Description    |  |
| 143.0          | 1,323.0   | Olebrook MWD (OH)  | MWD       | MWD - Standard |  |
| 1,420.0        | 22,445.0  | Drilltech MWD (OH) | MWD       | MWD - Standard |  |

| Survey    |         |                       |            |            |            |                  |                   |                  |                     |                      |  |
|-----------|---------|-----------------------|------------|------------|------------|------------------|-------------------|------------------|---------------------|----------------------|--|
| MD (usft) | Inc (") | Azi (grid_north_azim) | TVD (usft) | N/S (usft) | E/W (usft) | DLeg ("/100usft) | Build ("/100usft) | Turn ("/100usft) | High to Plan (usft) | Right to Plan (usft) |  |
| 0.0       | 0.00    | 0.00                  | 0.0        | 0.0        | 0.0        | 0.00             | 0.00              | 0.00             | 0.0                 | 0.0                  |  |
| 143.0     | 1.06    | 357.84                | 143.0      | 1.3        | 0.0        | 0.74             | 0.74              | 0.00             | -1.3                | 0.0                  |  |
| 235.0     | 0.53    | 64.64                 | 235.0      | 2.4        | 0.3        | 1.07             | -0.58             | 72.61            | -1.3                | 2.0                  |  |
| 359.0     | 0.79    | 9.88                  | 359.0      | 3.4        | 1.0        | 0.52             | 0.21              | -44.16           | -3.6                | -0.4                 |  |
| 453.0     | 0.26    | 46.89                 | 453.0      | 4.2        | 1.2        | 0.64             | -0.56             | 39.37            | -3.8                | 2.2                  |  |
| 580.0     | 0.09    | 52.07                 | 580.0      | 4.5        | 1.5        | 0.13             | -0.13             | 4.08             | -4.0                | 2.6                  |  |
| 674.0     | 0.18    | 26.93                 | 674.0      | 4.7        | 1.6        | 0.11             | 0.10              | -26.74           | -4.9                | 0.6                  |  |
| 768.0     | 0.18    | 25.97                 | 768.0      | 4.9        | 1.8        | 0.00             | 0.00              | -1.02            | -5.2                | 0.6                  |  |
| 895.0     | 0.35    | 345.27                | 895.0      | 5.5        | 1.8        | 0.19             | 0.13              | -32.05           | -4.9                | -3.1                 |  |
| 990.0     | 0.26    | 313.72                | 990.0      | 5.9        | 1.5        | 0.20             | -0.09             | -33.21           | -3.0                | -5.3                 |  |
| 1,083.0   | 0.53    | 297.20                | 1,083.0    | 6.3        | 1.0        | 0.31             | 0.29              | -17.76           | -2.0                | -6.0                 |  |
| 1,178.0   | 0.35    | 277.25                | 1,178.0    | 6.5        | 0.3        | 0.25             | -0.19             | -21.00           | -0.5                | -6.5                 |  |
| 1,272.0   | 0.62    | 294.21                | 1,272.0    | 6.7        | -0.4       | 0.32             | 0.29              | 18.04            | -3.1                | -6.0                 |  |
| 1,323.0   | 0.53    | 302.91                | 1,323.0    | 7.0        | -0.9       | 0.25             | -0.18             | 17.06            | -4.5                | -5.4                 |  |
| 1,420.0   | 0.53    | 322.00                | 1,420.0    | 7.6        | -1.5       | 0.18             | 0.00              | 19.69            | -6.9                | -3.5                 |  |
| 1,512.0   | 1.41    | 54.37                 | 1,511.9    | 8.6        | -0.9       | 1.66             | 0.96              | 100.40           | -4.3                | 7.5                  |  |
| 1,605.0   | 2.37    | 56.13                 | 1,604.9    | 10.3       | 1.7        | 1.03             | 1.03              | 1.89             | -5.2                | 7.3                  |  |
| 1,699.0   | 2.02    | 67.38                 | 1,698.8    | 12.0       | 4.8        | 0.59             | -0.37             | 11.97            | -4.3                | 7.3                  |  |
| 1,793.0   | 1.93    | 63.25                 | 1,792.8    | 13.4       | 7.7        | 0.18             | -0.10             | -4.39            | -4.9                | 5.8                  |  |
| 1,887.0   | 3.52    | 62.99                 | 1,886.7    | 15.4       | 11.7       | 1.69             | 1.69              | -0.28            | -6.3                | 4.8                  |  |
| 1,981.0   | 3.52    | 59.91                 | 1,980.5    | 18.2       | 16.8       | 0.20             | 0.00              | -3.28            | -9.1                | 3.4                  |  |

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| <b>Wellbore:</b> | OH                          | <b>Survey Calculation Method:</b>   | Minimum Curvature             |
| <b>Design:</b>   | OH                          | <b>Database:</b>                    | EDM 5000.14 Single User Db    |

| Survey       |            |                          |               |               |               |                     |                      |                     |                        |                         |  |
|--------------|------------|--------------------------|---------------|---------------|---------------|---------------------|----------------------|---------------------|------------------------|-------------------------|--|
| MD<br>(usft) | Inc<br>(") | Azi<br>(grid_north_azim) | 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) |  |
| 2,075.0      | 3.69       | 63.34                    | 2,074.3       | 21.0          | 22.0          | 0.29                | 0.18                 | 3.65                | -11.7                  | 3.1                     |  |
| 2,170.0      | 3.43       | 62.19                    | 2,169.1       | 23.7          | 27.2          | 0.28                | -0.27                | -1.21               | -14.5                  | 1.8                     |  |
| 2,263.0      | 3.61       | 65.71                    | 2,261.9       | 26.2          | 32.4          | 0.30                | 0.19                 | 3.78                | -17.0                  | 1.7                     |  |
| 2,357.0      | 3.52       | 62.19                    | 2,355.8       | 28.7          | 37.6          | 0.25                | -0.10                | -3.74               | -19.8                  | -0.5                    |  |
| 2,450.0      | 3.69       | 46.46                    | 2,448.6       | 32.1          | 42.3          | 1.08                | 0.18                 | -16.91              | -21.4                  | -6.7                    |  |
| 2,542.0      | 4.13       | 40.84                    | 2,540.4       | 36.7          | 46.6          | 0.63                | 0.48                 | -6.11               | -23.4                  | -8.8                    |  |
| 2,636.0      | 4.04       | 42.24                    | 2,634.1       | 41.7          | 51.1          | 0.14                | -0.10                | 1.49                | -24.1                  | -7.8                    |  |
| 2,729.0      | 4.04       | 41.89                    | 2,726.9       | 46.5          | 55.5          | 0.03                | 0.00                 | -0.38               | -22.6                  | -7.5                    |  |
| 2,823.0      | 3.78       | 40.84                    | 2,820.7       | 51.3          | 59.7          | 0.29                | -0.28                | -1.12               | -20.7                  | -7.4                    |  |
| 2,915.0      | 4.04       | 42.16                    | 2,912.5       | 56.0          | 63.9          | 0.30                | 0.28                 | 1.43                | -19.1                  | -6.5                    |  |
| 3,009.0      | 3.96       | 38.64                    | 3,006.2       | 61.0          | 68.1          | 0.27                | -0.09                | -3.74               | -17.1                  | -6.9                    |  |
| 3,102.0      | 4.31       | 38.82                    | 3,099.0       | 66.3          | 72.3          | 0.38                | 0.38                 | 0.19                | -15.7                  | -6.0                    |  |
| 3,196.0      | 4.22       | 42.95                    | 3,192.7       | 71.6          | 76.9          | 0.34                | -0.10                | 4.39                | -14.9                  | -4.3                    |  |
| 3,290.0      | 4.48       | 44.97                    | 3,286.5       | 76.7          | 81.8          | 0.32                | 0.28                 | 2.15                | -14.0                  | -3.6                    |  |
| 3,383.0      | 4.66       | 42.16                    | 3,379.2       | 82.0          | 86.9          | 0.31                | 0.19                 | -3.02               | -13.1                  | -4.1                    |  |
| 3,477.0      | 4.66       | 42.77                    | 3,472.8       | 87.7          | 92.1          | 0.05                | 0.00                 | 0.65                | -12.6                  | -3.6                    |  |
| 3,570.0      | 4.57       | 40.93                    | 3,565.5       | 93.3          | 97.1          | 0.19                | -0.10                | -1.98               | -11.9                  | -3.5                    |  |
| 3,663.0      | 4.13       | 39.17                    | 3,658.3       | 98.7          | 101.6         | 0.49                | -0.47                | -1.89               | -10.7                  | -3.2                    |  |
| 3,757.0      | 4.13       | 39.96                    | 3,752.0       | 103.9         | 105.9         | 0.06                | 0.00                 | 0.84                | -9.4                   | -2.3                    |  |
| 3,851.0      | 3.96       | 39.87                    | 3,845.8       | 109.0         | 110.2         | 0.18                | -0.18                | -0.10               | -7.8                   | -1.6                    |  |
| 3,945.0      | 4.04       | 38.64                    | 3,939.6       | 114.0         | 114.3         | 0.12                | 0.09                 | -1.31               | -6.2                   | -0.9                    |  |
| 4,038.0      | 3.87       | 34.33                    | 4,032.3       | 119.2         | 118.1         | 0.37                | -0.18                | -4.63               | -4.6                   | -0.1                    |  |
| 4,132.0      | 3.96       | 32.22                    | 4,126.1       | 124.5         | 121.7         | 0.18                | 0.10                 | -2.24               | -3.0                   | 1.4                     |  |
| 4,227.0      | 4.13       | 32.66                    | 4,220.9       | 130.2         | 125.3         | 0.18                | 0.18                 | 0.46                | -1.6                   | 3.2                     |  |
| 4,321.0      | 4.48       | 37.50                    | 4,314.6       | 136.0         | 129.3         | 0.54                | 0.37                 | 5.15                | -0.2                   | 4.7                     |  |
| 4,414.0      | 4.57       | 37.23                    | 4,407.3       | 141.8         | 133.8         | 0.10                | 0.10                 | -0.29               | 0.5                    | 5.8                     |  |
| 4,508.0      | 4.22       | 45.58                    | 4,501.1       | 147.2         | 138.5         | 0.77                | -0.37                | 8.88                | 2.3                    | 6.1                     |  |

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| <b>Site:</b>     | Convoy 28 State Corn        | <b>MD Reference:</b>                | KB = 25 @ 3551.0usft (HP 620) |
| <b>Well:</b>     | #703H                       | <b>North Reference:</b>             | Grid                          |
| <b>Wellbore:</b> | OH                          | <b>Survey Calculation Method:</b>   | Minimum Curvature             |
| <b>Design:</b>   | OH                          | <b>Database:</b>                    | EDM 5000.14 Single User Db    |

| Survey       |            |                          |               |               |               |                     |                      |                     |                        |                         |  |
|--------------|------------|--------------------------|---------------|---------------|---------------|---------------------|----------------------|---------------------|------------------------|-------------------------|--|
| MD<br>(usft) | Inc<br>(°) | Azi<br>(grid_north_azim) | 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) |  |
| 4,601.0      | 4.04       | 46.99                    | 4,593.8       | 151.8         | 143.3         | 0.22                | -0.19                | 1.52                | 3.9                    | 5.9                     |  |
| 4,695.0      | 3.96       | 53.23                    | 4,687.6       | 156.0         | 148.4         | 0.47                | -0.09                | 6.64                | 6.1                    | 4.6                     |  |
| 4,787.0      | 3.87       | 58.94                    | 4,779.4       | 159.5         | 153.6         | 0.43                | -0.10                | 6.21                | 8.0                    | 2.4                     |  |
| 4,881.0      | 3.96       | 59.21                    | 4,873.2       | 162.8         | 159.1         | 0.10                | 0.10                 | 0.29                | 9.6                    | 0.3                     |  |
| 4,974.0      | 3.96       | 66.50                    | 4,965.9       | 165.8         | 164.8         | 0.54                | 0.00                 | 7.84                | 10.7                   | -3.5                    |  |
| 5,044.0      | 3.69       | 65.71                    | 5,035.8       | 167.6         | 169.1         | 0.39                | -0.39                | -1.13               | 11.8                   | -5.5                    |  |
| 5,137.0      | 3.78       | 62.46                    | 5,128.6       | 170.3         | 174.5         | 0.25                | 0.10                 | -3.49               | 13.7                   | -7.4                    |  |
| 5,231.0      | 4.48       | 52.35                    | 5,222.3       | 174.0         | 180.2         | 1.07                | 0.74                 | -10.76              | 17.6                   | -6.9                    |  |
| 5,324.0      | 6.68       | 54.02                    | 5,314.9       | 179.4         | 187.4         | 2.37                | 2.37                 | 1.80                | 20.6                   | -10.0                   |  |
| 5,417.0      | 9.23       | 52.18                    | 5,407.0       | 187.1         | 197.7         | 2.76                | 2.74                 | -1.98               | 23.1                   | -12.7                   |  |
| 5,511.0      | 11.70      | 40.22                    | 5,499.4       | 199.0         | 209.8         | 3.49                | 2.63                 | -12.72              | 24.6                   | -9.3                    |  |
| 5,605.0      | 13.37      | 33.98                    | 5,591.2       | 215.3         | 222.0         | 2.28                | 1.78                 | -6.64               | 21.2                   | -6.0                    |  |
| 5,699.0      | 12.93      | 35.30                    | 5,682.7       | 232.9         | 234.2         | 0.57                | -0.47                | 1.40                | 15.9                   | -4.9                    |  |
| 5,792.0      | 12.84      | 35.04                    | 5,773.4       | 249.9         | 246.1         | 0.12                | -0.10                | -0.28               | 11.1                   | -3.4                    |  |
| 5,885.0      | 12.93      | 35.39                    | 5,864.0       | 266.8         | 258.1         | 0.13                | 0.10                 | 0.38                | 6.4                    | -2.1                    |  |
| 5,978.0      | 12.84      | 35.30                    | 5,954.7       | 283.7         | 270.1         | 0.10                | -0.10                | -0.10               | 1.7                    | -0.8                    |  |
| 6,073.0      | 11.70      | 36.00                    | 6,047.5       | 300.1         | 281.8         | 1.21                | -1.20                | 0.74                | -2.1                   | 0.4                     |  |
| 6,166.0      | 11.26      | 35.65                    | 6,138.7       | 315.1         | 292.7         | 0.48                | -0.47                | -0.38               | -4.6                   | 1.6                     |  |
| 6,260.0      | 11.34      | 34.77                    | 6,230.8       | 330.2         | 303.3         | 0.20                | 0.09                 | -0.94               | -6.8                   | 2.9                     |  |
| 6,353.0      | 11.17      | 35.21                    | 6,322.1       | 345.1         | 313.7         | 0.20                | -0.18                | 0.47                | -8.9                   | 4.3                     |  |
| 6,447.0      | 10.90      | 35.04                    | 6,414.3       | 359.8         | 324.1         | 0.29                | -0.29                | -0.18               | -10.7                  | 5.7                     |  |
| 6,540.0      | 10.73      | 35.04                    | 6,505.7       | 374.1         | 334.1         | 0.18                | -0.18                | 0.00                | -12.0                  | 7.1                     |  |
| 6,634.0      | 10.64      | 35.12                    | 6,598.0       | 388.3         | 344.1         | 0.10                | -0.10                | 0.09                | -13.2                  | 8.5                     |  |
| 6,728.0      | 10.64      | 35.65                    | 6,690.4       | 402.5         | 354.1         | 0.10                | 0.00                 | 0.56                | -14.2                  | 9.9                     |  |
| 6,822.0      | 10.29      | 36.53                    | 6,782.9       | 416.3         | 364.2         | 0.41                | -0.37                | 0.94                | -14.9                  | 11.3                    |  |
| 6,916.0      | 8.44       | 38.73                    | 6,875.6       | 428.4         | 373.5         | 2.00                | -1.97                | 2.34                | -13.4                  | 12.5                    |  |
| 7,010.0      | 7.83       | 35.74                    | 6,968.7       | 439.0         | 381.6         | 0.79                | -0.65                | -3.18               | -11.0                  | 12.7                    |  |

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| <b>Site:</b>     | Convoy 28 State Com         | <b>MD Reference:</b>                | KB = 25 @ 3551.0usft (HP 620) |
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| <b>Wellbore:</b> | OH                          | <b>Survey Calculation Method:</b>   | Minimum Curvature             |
| <b>Design:</b>   | OH                          | <b>Database:</b>                    | EDM 5000.14 Single User Db    |

| Survey       |            |                          |               |               |               |                     |                      |                     |                        |                         |  |
|--------------|------------|--------------------------|---------------|---------------|---------------|---------------------|----------------------|---------------------|------------------------|-------------------------|--|
| MD<br>(usft) | Inc<br>(°) | Azi<br>(grid_north_azim) | TVD<br>(usft) | N/S<br>(usft) | E/W<br>(usft) | DLeg<br>(°/100usft) | Bulid<br>(°/100usft) | Turn<br>(°/100usft) | High to Plan<br>(usft) | Right to Plan<br>(usft) |  |
| 7,103.0      | 7.39       | 36.18                    | 7,060.8       | 448.9         | 388.8         | 0.48                | -0.47                | 0.47                | -7.1                   | 13.9                    |  |
| 7,196.0      | 7.03       | 35.30                    | 7,153.1       | 458.4         | 395.6         | 0.40                | -0.39                | -0.95               | -2.8                   | 15.0                    |  |
| 7,289.0      | 6.33       | 51.03                    | 7,245.5       | 466.3         | 402.9         | 2.10                | -0.75                | 16.91               | 6.6                    | 13.6                    |  |
| 7,382.0      | 6.16       | 50.86                    | 7,337.9       | 472.7         | 410.7         | 0.18                | -0.18                | -0.18               | 12.4                   | 10.6                    |  |
| 7,475.0      | 5.89       | 51.82                    | 7,430.4       | 478.8         | 418.4         | 0.31                | -0.29                | 1.03                | 18.5                   | 7.2                     |  |
| 7,568.0      | 6.24       | 61.05                    | 7,522.9       | 484.2         | 426.5         | 1.11                | 0.38                 | 9.92                | 22.6                   | 0.0                     |  |
| 7,662.0      | 5.63       | 67.73                    | 7,616.4       | 488.4         | 435.3         | 0.98                | -0.65                | 7.11                | 22.3                   | -7.1                    |  |
| 7,755.0      | 3.43       | 67.03                    | 7,709.1       | 491.2         | 442.1         | 2.37                | -2.37                | -0.75               | 21.9                   | -10.4                   |  |
| 7,850.0      | 2.64       | 62.99                    | 7,804.0       | 493.3         | 446.6         | 0.86                | -0.83                | -4.25               | 21.9                   | -10.9                   |  |
| 7,943.0      | 2.37       | 66.77                    | 7,896.9       | 495.0         | 450.3         | 0.34                | -0.29                | 4.06                | 18.4                   | -12.9                   |  |
| 8,036.0      | 2.02       | 71.51                    | 7,989.8       | 496.3         | 453.6         | 0.42                | -0.38                | 5.10                | 13.8                   | -14.2                   |  |
| 8,130.0      | 2.11       | 76.08                    | 8,083.7       | 497.2         | 456.9         | 0.20                | 0.10                 | 4.86                | 9.2                    | -15.1                   |  |
| 8,223.0      | 1.76       | 76.35                    | 8,176.7       | 498.0         | 459.9         | 0.38                | -0.38                | 0.29                | 6.0                    | -15.2                   |  |
| 8,317.0      | 1.49       | 81.09                    | 8,270.7       | 498.5         | 462.5         | 0.32                | -0.29                | 5.04                | 2.1                    | -15.5                   |  |
| 8,411.0      | 1.41       | 84.52                    | 8,364.6       | 498.8         | 464.9         | 0.13                | -0.09                | 3.65                | -1.2                   | -15.5                   |  |
| 8,505.0      | 0.53       | 25.72                    | 8,458.6       | 499.3         | 466.2         | 1.30                | -0.94                | -62.55              | 11.6                   | -10.1                   |  |
| 8,598.0      | 0.79       | 325.69                   | 8,551.6       | 500.2         | 466.1         | 0.75                | 0.28                 | -64.55              | 13.7                   | 4.6                     |  |
| 8,692.0      | 0.62       | 319.89                   | 8,645.6       | 501.2         | 465.4         | 0.20                | -0.18                | -6.17               | 12.0                   | 5.9                     |  |
| 8,786.0      | 0.53       | 307.67                   | 8,739.6       | 501.8         | 464.7         | 0.16                | -0.10                | -13.00              | 9.5                    | 8.2                     |  |
| 8,880.0      | 0.44       | 293.08                   | 8,833.6       | 502.2         | 464.0         | 0.16                | -0.10                | -15.52              | 6.4                    | 10.2                    |  |
| 8,973.0      | 0.35       | 302.40                   | 8,926.6       | 502.5         | 463.4         | 0.12                | -0.10                | 10.02               | 7.3                    | 9.1                     |  |
| 9,067.0      | 0.44       | 301.43                   | 9,020.6       | 502.9         | 462.9         | 0.10                | 0.10                 | -1.03               | 6.5                    | 9.2                     |  |
| 9,162.0      | 0.62       | 296.51                   | 9,115.6       | 503.3         | 462.1         | 0.20                | 0.19                 | -5.18               | 4.8                    | 9.7                     |  |
| 9,260.0      | 0.26       | 279.64                   | 9,213.6       | 503.6         | 461.4         | 0.39                | -0.37                | -17.21              | 1.0                    | 10.6                    |  |
| 9,354.0      | 0.18       | 290.62                   | 9,307.6       | 503.6         | 461.1         | 0.10                | -0.09                | 11.68               | 2.7                    | 10.2                    |  |
| 9,447.0      | 0.62       | 53.32                    | 9,400.6       | 504.0         | 461.4         | 0.79                | 0.47                 | 131.94              | 6.7                    | -7.6                    |  |
| 9,540.0      | 0.97       | 60.26                    | 9,493.6       | 504.7         | 462.4         | 0.39                | 0.38                 | 7.46                | 4.5                    | -8.3                    |  |

**EOG Resources**  
PVA Report

|                  |                             |                                     |                               |
|------------------|-----------------------------|-------------------------------------|-------------------------------|
| <b>Company:</b>  | EOG Resources - Midland     | <b>Local Co-ordinate Reference:</b> | Well #703H                    |
| <b>Project:</b>  | Lea County, NM (NAD 83 NME) | <b>TVD Reference:</b>               | KB = 25 @ 3551.0usft (HP 620) |
| <b>Site:</b>     | Convoy 28 State Com         | <b>MD Reference:</b>                | KB = 25 @ 3551.0usft (HP 620) |
| <b>Well:</b>     | #703H                       | <b>North Reference:</b>             | Grid                          |
| <b>Wellbore:</b> | OH                          | <b>Survey Calculation Method:</b>   | Minimum Curvature             |
| <b>Design:</b>   | OH                          | <b>Database:</b>                    | EDM 5000.14 Single User Db    |

| Survey       |            |                          |               |               |               |                     |                      |                     |                        |                         |  |
|--------------|------------|--------------------------|---------------|---------------|---------------|---------------------|----------------------|---------------------|------------------------|-------------------------|--|
| MD<br>(usft) | Inc<br>(") | Azi<br>(grid_north_azim) | 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) |  |
| 9,634.0      | 1.14       | 23.79                    | 9,587.6       | 505.9         | 463.5         | 0.72                | 0.18                 | -38.80              | 7.0                    | -4.5                    |  |
| 9,727.0      | 1.41       | 21.24                    | 9,680.5       | 507.9         | 464.3         | 0.30                | 0.29                 | -2.74               | 5.1                    | -4.3                    |  |
| 9,821.0      | 0.62       | 321.12                   | 9,774.5       | 509.3         | 464.4         | 1.30                | -0.84                | -63.96              | 5.1                    | 1.3                     |  |
| 9,914.0      | 1.49       | 304.07                   | 9,867.5       | 510.4         | 463.1         | 0.98                | 0.94                 | -18.33              | 2.8                    | 2.6                     |  |
| 10,006.0     | 1.67       | 312.33                   | 9,959.5       | 512.0         | 461.1         | 0.32                | 0.20                 | 8.98                | 0.7                    | 2.3                     |  |
| 10,100.0     | 0.88       | 303.63                   | 10,053.4      | 513.3         | 459.5         | 0.86                | -0.84                | -9.26               | -1.8                   | 2.2                     |  |
| 10,193.0     | 1.06       | 308.90                   | 10,146.4      | 514.2         | 458.2         | 0.22                | 0.19                 | 5.67                | -3.1                   | 2.4                     |  |
| 10,287.0     | 0.70       | 282.98                   | 10,240.4      | 514.9         | 457.0         | 0.56                | -0.38                | -27.57              | -5.2                   | 0.4                     |  |
| 10,381.0     | 0.97       | 277.09                   | 10,334.4      | 515.1         | 455.6         | 0.30                | 0.29                 | -6.27               | -6.6                   | -0.2                    |  |
| 10,476.0     | 0.97       | 281.92                   | 10,429.4      | 515.4         | 454.0         | 0.09                | 0.00                 | 5.08                | -8.2                   | 0.4                     |  |
| 10,569.0     | 0.70       | 259.86                   | 10,522.4      | 515.5         | 452.7         | 0.45                | -0.29                | -23.72              | -9.1                   | -3.0                    |  |
| 10,663.0     | 0.62       | 259.86                   | 10,616.4      | 515.3         | 451.7         | 0.09                | -0.09                | 0.00                | -10.2                  | -3.0                    |  |
| 10,756.0     | 0.62       | 220.93                   | 10,709.4      | 514.8         | 450.8         | 0.44                | 0.00                 | -41.86              | -6.9                   | -9.0                    |  |
| 10,850.0     | 0.35       | 144.37                   | 10,803.4      | 514.2         | 450.7         | 0.68                | -0.29                | -81.45              | 6.7                    | -9.3                    |  |
| 10,943.0     | 0.35       | 90.14                    | 10,896.4      | 514.0         | 451.1         | 0.34                | 0.00                 | -58.31              | 11.1                   | -0.2                    |  |
| 11,036.0     | 0.44       | 139.19                   | 10,989.4      | 513.7         | 451.6         | 0.36                | 0.10                 | 52.74               | 6.5                    | -8.3                    |  |
| 11,130.0     | 1.06       | 247.47                   | 11,083.4      | 513.1         | 451.1         | 1.35                | 0.66                 | 115.19              | -10.7                  | -3.3                    |  |
| 11,223.0     | 0.97       | 198.86                   | 11,176.3      | 512.0         | 450.0         | 0.90                | -0.10                | -52.27              | -6.0                   | -10.8                   |  |
| 11,316.0     | 1.06       | 170.39                   | 11,269.3      | 510.4         | 449.9         | 0.54                | 0.10                 | -30.61              | -1.6                   | -12.7                   |  |
| 11,409.0     | 1.41       | 196.40                   | 11,362.3      | 508.5         | 449.7         | 0.70                | 0.38                 | 27.97               | -9.0                   | -10.3                   |  |
| 11,502.0     | 1.49       | 206.25                   | 11,455.3      | 506.3         | 448.9         | 0.28                | 0.09                 | 10.59               | -12.9                  | -8.5                    |  |
| 11,596.0     | 0.97       | 186.91                   | 11,549.3      | 504.4         | 448.2         | 0.70                | -0.55                | -20.57              | -11.4                  | -12.7                   |  |
| 11,689.0     | 1.32       | 209.32                   | 11,642.2      | 502.7         | 447.6         | 0.60                | 0.38                 | 24.10               | -17.1                  | -7.1                    |  |
| 11,782.0     | 1.93       | 214.07                   | 11,735.2      | 500.4         | 446.2         | 0.67                | 0.66                 | 5.11                | -20.3                  | -5.6                    |  |
| 11,827.0     | 2.29       | 211.52                   | 11,780.2      | 499.1         | 445.3         | 0.83                | 0.80                 | -5.67               | -21.7                  | -6.5                    |  |
| 11,911.0     | 2.37       | 201.41                   | 11,864.1      | 496.0         | 443.8         | 0.50                | 0.10                 | -12.04              | -23.6                  | -10.5                   |  |
| 12,004.0     | 2.46       | 210.11                   | 11,957.0      | 492.5         | 442.1         | 0.41                | 0.10                 | 9.35                | -28.8                  | -6.5                    |  |

**EOG Resources**  
**PVA Report**

|                  |                             |                                     |                               |
|------------------|-----------------------------|-------------------------------------|-------------------------------|
| <b>Company:</b>  | EOG Resources - Midland     | <b>Local Co-ordinate Reference:</b> | Well #703H                    |
| <b>Project:</b>  | Lea County, NM (NAD 83 NME) | <b>TVD Reference:</b>               | KB = 25 @ 3551.0usft (HP 620) |
| <b>Site:</b>     | Convoy 28 State Com         | <b>MD Reference:</b>                | KB = 25 @ 3551.0usft (HP 620) |
| <b>Well:</b>     | #703H                       | <b>North Reference:</b>             | Grid                          |
| <b>Wellbore:</b> | OH                          | <b>Survey Calculation Method:</b>   | Minimum Curvature             |
| <b>Design:</b>   | OH                          | <b>Database:</b>                    | EDM 5000.14 Single User Db    |

| Survey                                                                    |            |                          |               |               |               |                     |                      |                     |                        |                         |  |
|---------------------------------------------------------------------------|------------|--------------------------|---------------|---------------|---------------|---------------------|----------------------|---------------------|------------------------|-------------------------|--|
| MD<br>(usft)                                                              | Inc<br>(°) | Azi<br>(grid_north_azim) | 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) |  |
| 12,098.0                                                                  | 6.42       | 178.83                   | 12,050.7      | 485.5         | 441.2         | 4.79                | 4.21                 | -33.28              | -27.1                  | -21.6                   |  |
| 12,191.0                                                                  | 19.87      | 162.74                   | 12,141.1      | 465.1         | 446.0         | 14.85               | 14.46                | -17.30              | -25.9                  | -25.7                   |  |
| 12,238.0                                                                  | 29.46      | 162.39                   | 12,183.8      | 446.4         | 451.9         | 20.41               | 20.40                | -0.74               | -31.2                  | -22.0                   |  |
| 12,285.0                                                                  | 38.43      | 166.17                   | 12,222.7      | 421.2         | 458.9         | 19.60               | 19.09                | 8.04                | -40.2                  | -15.7                   |  |
| 12,332.0                                                                  | 41.86      | 170.30                   | 12,258.7      | 391.5         | 465.0         | 9.24                | 7.30                 | 8.79                | -48.9                  | -9.1                    |  |
| 12,379.0                                                                  | 43.44      | 172.85                   | 12,293.2      | 360.0         | 469.7         | 4.98                | 3.36                 | 5.43                | -53.8                  | -4.5                    |  |
| 12,426.0                                                                  | 43.88      | 171.27                   | 12,327.2      | 327.9         | 474.2         | 2.50                | 0.94                 | -3.36               | -54.0                  | -2.8                    |  |
| 12,471.0                                                                  | 48.98      | 173.46                   | 12,358.2      | 295.6         | 478.5         | 11.87               | 11.33                | 4.87                | -51.6                  | 1.3                     |  |
| 12,518.0                                                                  | 53.55      | 174.34                   | 12,387.6      | 259.1         | 482.4         | 9.83                | 9.72                 | 1.87                | -47.8                  | 3.7                     |  |
| 12,536.7                                                                  | 54.70      | 174.52                   | 12,398.6      | 244.0         | 483.8         | 6.22                | 6.17                 | 0.96                | -45.8                  | 4.4                     |  |
| HL Crossing, MD:12536.7', TVD:12398.6', N/S:244.0', E/W:483.8', INC:54.70 |            |                          |               |               |               |                     |                      |                     |                        |                         |  |
| 12,565.0                                                                  | 56.45      | 174.78                   | 12,414.6      | 220.8         | 486.0         | 6.22                | 6.17                 | 0.92                | -42.0                  | 5.4                     |  |
| 12,612.0                                                                  | 62.96      | 176.36                   | 12,438.3      | 180.4         | 489.1         | 14.15               | 13.85                | 3.36                | -35.0                  | 6.6                     |  |
| 12,659.0                                                                  | 72.55      | 179.44                   | 12,456.1      | 136.9         | 490.7         | 21.28               | 20.40                | 6.55                | -29.7                  | 5.8                     |  |
| 12,706.0                                                                  | 72.90      | 179.35                   | 12,470.0      | 92.1          | 491.1         | 0.77                | 0.74                 | -0.19               | -23.6                  | 3.3                     |  |
| 12,753.0                                                                  | 77.73      | 177.60                   | 12,481.9      | 46.6          | 492.4         | 10.89               | 10.28                | -3.72               | -14.9                  | 1.6                     |  |
| 12,800.0                                                                  | 83.01      | 175.93                   | 12,489.8      | 0.4           | 495.0         | 11.77               | 11.23                | -3.55               | -7.0                   | 1.6                     |  |
| 12,847.0                                                                  | 86.70      | 175.93                   | 12,494.0      | -46.3         | 498.3         | 7.85                | 7.85                 | 0.00                | -2.6                   | 3.0                     |  |
| 12,894.0                                                                  | 93.30      | 175.75                   | 12,494.0      | -93.1         | 501.7         | 14.05               | 14.04                | -0.38               | -2.4                   | 5.3                     |  |
| 12,941.0                                                                  | 93.56      | 176.10                   | 12,491.2      | -139.9        | 505.0         | 0.93                | 0.55                 | 0.74                | -5.0                   | 8.2                     |  |
| 13,034.0                                                                  | 90.75      | 179.27                   | 12,487.7      | -232.8        | 508.8         | 4.55                | -3.02                | 3.41                | -8.1                   | 11.3                    |  |
| 13,068.0                                                                  | 90.57      | 179.44                   | 12,487.3      | -266.8        | 509.2         | 0.73                | -0.53                | 0.50                | -8.3                   | 11.4                    |  |
| 13,162.0                                                                  | 91.36      | 179.70                   | 12,485.7      | -360.8        | 509.9         | 0.88                | 0.84                 | 0.28                | -9.5                   | 11.4                    |  |
| 13,256.0                                                                  | 90.40      | 177.77                   | 12,484.3      | -454.7        | 512.0         | 2.29                | -1.02                | -2.05               | -10.5                  | 12.8                    |  |
| 13,349.0                                                                  | 90.40      | 177.88                   | 12,483.6      | -547.6        | 515.6         | 0.10                | 0.00                 | -0.10               | -10.7                  | 15.8                    |  |
| 13,441.0                                                                  | 89.60      | 177.60                   | 12,483.6      | -639.6        | 519.4         | 0.87                | -0.87                | -0.09               | -10.3                  | 18.9                    |  |
| 13,534.0                                                                  | 89.16      | 178.56                   | 12,484.6      | -732.5        | 522.6         | 1.14                | -0.47                | 1.03                | -8.9                   | 21.4                    |  |

**EOG Resources**  
**PVA Report**

|                  |                             |                                     |                               |
|------------------|-----------------------------|-------------------------------------|-------------------------------|
| <b>Company:</b>  | EOG Resources - Midland     | <b>Local Co-ordinate Reference:</b> | Well #703H                    |
| <b>Project:</b>  | Lea County, NM (NAD 83 NME) | <b>TVD Reference:</b>               | KB = 25 @ 3551.0usft (HP 620) |
| <b>Site:</b>     | Convoy 28 State Com         | <b>MD Reference:</b>                | KB = 25 @ 3551.0usft (HP 620) |
| <b>Well:</b>     | #703H                       | <b>North Reference:</b>             | Grid                          |
| <b>Wellbore:</b> | OH                          | <b>Survey Calculation Method:</b>   | Minimum Curvature             |
| <b>Design:</b>   | OH                          | <b>Database:</b>                    | EDM 5000.14 Single User Db    |

| Survey       |            |                          |               |               |               |                     |                      |                     |                        |                         |  |
|--------------|------------|--------------------------|---------------|---------------|---------------|---------------------|----------------------|---------------------|------------------------|-------------------------|--|
| MD<br>(usft) | Inc<br>(°) | Azi<br>(grid_north_azim) | 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) |  |
| 13,628.0     | 88.72      | 179.18                   | 12,486.4      | -826.5        | 524.4         | 0.81                | -0.47                | 0.66                | -6.8                   | 22.6                    |  |
| 13,721.0     | 88.37      | 181.02                   | 12,488.7      | -919.4        | 524.2         | 2.01                | -0.38                | 1.98                | -4.0                   | 21.7                    |  |
| 13,814.0     | 89.08      | 181.46                   | 12,490.8      | -1,012.4      | 522.2         | 0.90                | 0.76                 | 0.47                | -1.5                   | 19.0                    |  |
| 13,908.0     | 89.52      | 181.64                   | 12,492.0      | -1,106.4      | 519.7         | 0.51                | 0.47                 | 0.19                | 0.1                    | 15.8                    |  |
| 14,001.0     | 89.43      | 181.29                   | 12,492.8      | -1,199.3      | 517.3         | 0.39                | -0.10                | -0.38               | 1.3                    | 12.8                    |  |
| 14,032.0     | 90.57      | 179.53                   | 12,492.8      | -1,230.3      | 517.1         | 6.76                | 3.68                 | -5.68               | 1.5                    | 12.3                    |  |
| 14,094.0     | 90.84      | 179.62                   | 12,492.0      | -1,292.3      | 517.6         | 0.46                | 0.44                 | 0.15                | 1.0                    | 12.3                    |  |
| 14,188.0     | 89.78      | 178.65                   | 12,491.5      | -1,386.3      | 519.0         | 1.53                | -1.13                | -1.03               | 0.9                    | 13.1                    |  |
| 14,281.0     | 91.80      | 180.76                   | 12,490.3      | -1,479.3      | 519.4         | 3.14                | 2.17                 | 2.27                | 0.0                    | 12.9                    |  |
| 14,375.0     | 90.04      | 181.02                   | 12,488.7      | -1,573.2      | 518.0         | 1.89                | -1.87                | 0.28                | -1.1                   | 10.7                    |  |
| 14,469.0     | 89.96      | 181.46                   | 12,488.7      | -1,667.2      | 516.0         | 0.48                | -0.09                | 0.47                | -0.6                   | 8.0                     |  |
| 14,562.0     | 89.43      | 179.88                   | 12,489.2      | -1,760.2      | 514.9         | 1.79                | -0.57                | -1.70               | 0.3                    | 6.2                     |  |
| 14,656.0     | 87.05      | 180.23                   | 12,492.1      | -1,854.2      | 514.8         | 2.56                | -2.53                | 0.37                | 3.6                    | 5.5                     |  |
| 14,749.0     | 88.81      | 181.90                   | 12,495.5      | -1,947.1      | 513.0         | 2.61                | 1.89                 | 1.80                | 7.4                    | 3.1                     |  |
| 14,843.0     | 90.57      | 182.60                   | 12,496.0      | -2,041.0      | 509.4         | 2.01                | 1.87                 | 0.74                | 8.1                    | -1.3                    |  |
| 14,937.0     | 90.92      | 183.13                   | 12,494.8      | -2,134.9      | 504.7         | 0.68                | 0.37                 | 0.56                | 7.0                    | -6.7                    |  |
| 15,030.0     | 92.24      | 179.97                   | 12,492.2      | -2,227.8      | 502.1         | 3.68                | 1.42                 | -3.40               | 4.6                    | -9.9                    |  |
| 15,124.0     | 91.45      | 176.28                   | 12,489.2      | -2,321.7      | 505.2         | 4.01                | -0.84                | -3.93               | 1.7                    | -7.5                    |  |
| 15,217.0     | 90.57      | 175.22                   | 12,487.5      | -2,414.4      | 512.1         | 1.48                | -0.95                | -1.14               | 0.2                    | -1.3                    |  |
| 15,311.0     | 89.16      | 175.84                   | 12,487.8      | -2,508.1      | 519.4         | 1.64                | -1.50                | 0.66                | 0.6                    | 5.3                     |  |
| 15,405.0     | 87.32      | 176.19                   | 12,490.6      | -2,601.8      | 526.0         | 1.99                | -1.96                | 0.37                | 3.6                    | 11.2                    |  |
| 15,499.0     | 85.65      | 178.30                   | 12,496.4      | -2,695.5      | 530.5         | 2.86                | -1.78                | 2.24                | 9.5                    | 15.0                    |  |
| 15,593.0     | 86.97      | 177.07                   | 12,502.5      | -2,789.3      | 534.3         | 1.92                | 1.40                 | -1.31               | 15.7                   | 18.1                    |  |
| 15,686.0     | 87.23      | 176.01                   | 12,507.2      | -2,882.0      | 539.9         | 1.17                | 0.28                 | -1.14               | 20.5                   | 23.1                    |  |
| 15,717.0     | 88.20      | 176.63                   | 12,508.4      | -2,912.9      | 541.9         | 3.71                | 3.13                 | 2.00                | 21.8                   | 24.8                    |  |
| 15,749.0     | 87.58      | 176.80                   | 12,509.6      | -2,944.8      | 543.7         | 2.01                | -1.94                | 0.53                | 23.0                   | 26.4                    |  |
| 15,780.0     | 88.64      | 178.03                   | 12,510.6      | -2,975.8      | 545.1         | 5.24                | 3.42                 | 3.97                | 24.1                   | 27.6                    |  |

**EOG Resources**  
PVA Report

|                  |                             |                                     |                               |
|------------------|-----------------------------|-------------------------------------|-------------------------------|
| <b>Company:</b>  | EOG Resources - Midland     | <b>Local Co-ordinate Reference:</b> | Well #703H                    |
| <b>Project:</b>  | Lea County, NM (NAD 83 NME) | <b>TVD Reference:</b>               | KB = 25 @ 3551.0usft (HP 620) |
| <b>Site:</b>     | Convoy 28 State Com         | <b>MD Reference:</b>                | KB = 25 @ 3551.0usft (HP 620) |
| <b>Well:</b>     | #703H                       | <b>North Reference:</b>             | Grid                          |
| <b>Wellbore:</b> | OH                          | <b>Survey Calculation Method:</b>   | Minimum Curvature             |
| <b>Design:</b>   | OH                          | <b>Database:</b>                    | EDM 5000.14 Single User Db    |

| Survey       |            |                          |               |               |               |                     |                      |                     |                        |                         |  |
|--------------|------------|--------------------------|---------------|---------------|---------------|---------------------|----------------------|---------------------|------------------------|-------------------------|--|
| MD<br>(usft) | Inc<br>(") | Azi<br>(grid_north_azim) | 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) |  |
| 15,812.0     | 89.96      | 178.83                   | 12,511.0      | -3,007.8      | 546.0         | 4.82                | 4.12                 | 2.50                | 24.5                   | 28.2                    |  |
| 15,844.0     | 91.89      | 180.93                   | 12,510.5      | -3,039.7      | 546.0         | 8.91                | 6.03                 | 6.56                | 24.1                   | 28.0                    |  |
| 15,875.0     | 93.21      | 183.13                   | 12,509.1      | -3,070.7      | 544.9         | 8.27                | 4.26                 | 7.10                | 22.7                   | 26.7                    |  |
| 15,922.0     | 93.83      | 183.48                   | 12,506.2      | -3,117.5      | 542.2         | 1.51                | 1.32                 | 0.74                | 19.9                   | 23.7                    |  |
| 15,969.0     | 94.35      | 183.40                   | 12,502.9      | -3,164.3      | 539.4         | 1.12                | 1.11                 | -0.17               | 16.6                   | 20.6                    |  |
| 16,063.0     | 92.95      | 182.34                   | 12,496.9      | -3,258.0      | 534.7         | 1.87                | -1.49                | -1.13               | 10.8                   | 15.1                    |  |
| 16,157.0     | 91.63      | 181.02                   | 12,493.1      | -3,351.9      | 532.0         | 1.99                | -1.40                | -1.40               | 7.2                    | 11.7                    |  |
| 16,250.0     | 90.57      | 180.23                   | 12,491.3      | -3,444.9      | 531.0         | 1.42                | -1.14                | -0.85               | 5.5                    | 10.0                    |  |
| 16,344.0     | 89.34      | 179.27                   | 12,491.4      | -3,538.9      | 531.4         | 1.66                | -1.31                | -1.02               | 5.8                    | 9.7                     |  |
| 16,437.0     | 89.16      | 180.32                   | 12,492.6      | -3,631.8      | 531.7         | 1.15                | -0.19                | 1.13                | 7.1                    | 9.3                     |  |
| 16,531.0     | 90.22      | 179.62                   | 12,493.1      | -3,725.8      | 531.7         | 1.35                | 1.13                 | -0.74               | 7.8                    | 8.7                     |  |
| 16,625.0     | 90.13      | 180.23                   | 12,492.8      | -3,819.8      | 531.9         | 0.66                | -0.10                | 0.65                | 7.6                    | 8.1                     |  |
| 16,718.0     | 89.60      | 181.20                   | 12,493.1      | -3,912.8      | 530.7         | 1.19                | -0.57                | 1.04                | 8.0                    | 6.3                     |  |
| 16,811.0     | 88.90      | 181.81                   | 12,494.3      | -4,005.8      | 528.3         | 1.00                | -0.75                | 0.66                | 9.2                    | 3.2                     |  |
| 16,904.0     | 88.72      | 183.22                   | 12,496.2      | -4,098.7      | 524.2         | 1.53                | -0.19                | 1.52                | 10.7                   | -1.6                    |  |
| 16,997.0     | 87.49      | 179.62                   | 12,499.3      | -4,191.6      | 521.9         | 4.09                | -1.32                | -3.87               | 13.4                   | -4.6                    |  |
| 17,090.0     | 90.75      | 179.88                   | 12,500.7      | -4,284.6      | 522.3         | 3.52                | 3.51                 | 0.28                | 14.4                   | -4.8                    |  |
| 17,184.0     | 92.86      | 179.44                   | 12,497.8      | -4,378.5      | 522.8         | 2.29                | 2.24                 | -0.47               | 11.0                   | -5.0                    |  |
| 17,276.0     | 93.56      | 178.56                   | 12,492.6      | -4,470.3      | 524.5         | 1.22                | 0.76                 | -0.96               | 5.4                    | -4.0                    |  |
| 17,370.0     | 87.67      | 178.03                   | 12,491.6      | -4,564.3      | 527.2         | 6.29                | -6.27                | -0.56               | 4.0                    | -1.9                    |  |
| 17,464.0     | 87.41      | 179.27                   | 12,495.6      | -4,658.1      | 529.5         | 1.35                | -0.28                | 1.32                | 7.6                    | -0.4                    |  |
| 17,557.0     | 91.45      | 177.77                   | 12,496.6      | -4,751.1      | 531.9         | 4.63                | 4.34                 | -1.61               | 8.1                    | 1.3                     |  |
| 17,650.0     | 91.89      | 178.30                   | 12,493.8      | -4,844.0      | 535.0         | 0.74                | 0.47                 | 0.57                | 5.0                    | 3.8                     |  |
| 17,744.0     | 91.19      | 177.33                   | 12,491.3      | -4,937.9      | 538.6         | 1.27                | -0.74                | -1.03               | 2.1                    | 6.7                     |  |
| 17,837.0     | 90.40      | 177.77                   | 12,490.0      | -5,030.8      | 542.6         | 0.97                | -0.85                | 0.47                | 0.3                    | 10.0                    |  |
| 17,931.0     | 90.22      | 176.10                   | 12,489.5      | -5,124.7      | 547.6         | 1.79                | -0.19                | -1.78               | -0.6                   | 14.4                    |  |
| 18,024.0     | 88.37      | 177.95                   | 12,490.7      | -5,217.5      | 552.5         | 2.81                | -1.99                | 1.99                | 0.1                    | 18.5                    |  |

**EOG Resources**  
PVA Report

|                  |                             |                                     |                               |
|------------------|-----------------------------|-------------------------------------|-------------------------------|
| <b>Company:</b>  | EOG Resources - Midland     | <b>Local Co-ordinate Reference:</b> | Well #703H                    |
| <b>Project:</b>  | Lea County, NM (NAD 83 NME) | <b>TVD Reference:</b>               | KB = 25 @ 3551.0usft (HP 620) |
| <b>Site:</b>     | Convoy 28 State Com         | <b>MD Reference:</b>                | KB = 25 @ 3551.0usft (HP 620) |
| <b>Well:</b>     | #703H                       | <b>North Reference:</b>             | Grid                          |
| <b>Wellbore:</b> | OH                          | <b>Survey Calculation Method:</b>   | Minimum Curvature             |
| <b>Design:</b>   | OH                          | <b>Database:</b>                    | EDM 5000.14 Single User Db    |

| Survey       |            |                          |               |               |               |                     |                      |                     |                        |                         |  |
|--------------|------------|--------------------------|---------------|---------------|---------------|---------------------|----------------------|---------------------|------------------------|-------------------------|--|
| MD<br>(usft) | Inc<br>(°) | Azi<br>(grid_north_azim) | 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) |  |
| 18,117.0     | 90.40      | 179.88                   | 12,491.7      | -5,310.5      | 554.2         | 3.01                | 2.18                 | 2.08                | 0.7                    | 19.6                    |  |
| 18,215.0     | 90.92      | 179.79                   | 12,490.5      | -5,408.5      | 554.5         | 0.54                | 0.53                 | -0.09               | -0.9                   | 19.2                    |  |
| 18,308.0     | 91.71      | 179.62                   | 12,488.4      | -5,501.4      | 555.0         | 0.87                | 0.85                 | -0.18               | -3.4                   | 19.0                    |  |
| 18,402.0     | 89.43      | 180.23                   | 12,487.5      | -5,595.4      | 555.1         | 2.51                | -2.43                | 0.65                | -4.8                   | 18.4                    |  |
| 18,495.0     | 89.25      | 181.20                   | 12,488.5      | -5,688.4      | 553.9         | 1.06                | -0.19                | 1.04                | -4.1                   | 16.6                    |  |
| 18,588.0     | 90.31      | 182.25                   | 12,488.9      | -5,781.4      | 551.1         | 1.60                | 1.14                 | 1.13                | -4.2                   | 13.1                    |  |
| 18,681.0     | 91.71      | 184.01                   | 12,487.3      | -5,874.2      | 546.1         | 2.42                | 1.51                 | 1.89                | -6.3                   | 7.3                     |  |
| 18,774.0     | 88.90      | 182.43                   | 12,486.8      | -5,967.1      | 540.8         | 3.47                | -3.02                | -1.70               | -7.2                   | 1.4                     |  |
| 18,868.0     | 88.81      | 181.81                   | 12,488.6      | -6,061.0      | 537.4         | 0.67                | -0.10                | -0.66               | -5.4                   | -2.7                    |  |
| 18,960.0     | 89.16      | 182.69                   | 12,490.3      | -6,152.9      | 533.8         | 1.03                | 0.38                 | 0.96                | -3.8                   | -7.0                    |  |
| 19,053.0     | 89.16      | 181.81                   | 12,491.6      | -6,245.8      | 530.1         | 0.95                | 0.00                 | -0.95               | -2.4                   | -11.3                   |  |
| 19,148.0     | 89.16      | 180.67                   | 12,493.0      | -6,340.8      | 528.0         | 1.20                | 0.00                 | -1.20               | -1.0                   | -14.1                   |  |
| 19,241.0     | 89.34      | 181.11                   | 12,494.2      | -6,433.8      | 526.6         | 0.51                | 0.19                 | 0.47                | 0.2                    | -16.2                   |  |
| 19,334.0     | 88.55      | 181.20                   | 12,496.0      | -6,526.7      | 524.7         | 0.85                | -0.85                | 0.10                | 1.9                    | -18.7                   |  |
| 19,428.0     | 89.25      | 178.83                   | 12,497.8      | -6,620.7      | 524.7         | 2.63                | 0.74                 | -2.52               | 3.8                    | -19.4                   |  |
| 19,521.0     | 89.16      | 178.39                   | 12,499.1      | -6,713.7      | 527.0         | 0.48                | -0.10                | -0.47               | 5.1                    | -17.9                   |  |
| 19,614.0     | 88.72      | 178.91                   | 12,500.8      | -6,806.6      | 529.2         | 0.73                | -0.47                | 0.56                | 6.8                    | -16.3                   |  |
| 19,707.0     | 89.69      | 179.27                   | 12,502.1      | -6,899.6      | 530.6         | 1.11                | 1.04                 | 0.39                | 8.1                    | -15.5                   |  |
| 19,800.0     | 92.24      | 178.21                   | 12,500.5      | -6,992.5      | 532.7         | 2.97                | 2.74                 | -1.14               | 6.5                    | -14.2                   |  |
| 19,893.0     | 92.86      | 178.56                   | 12,496.4      | -7,085.4      | 535.3         | 0.77                | 0.67                 | 0.38                | 2.3                    | -12.2                   |  |
| 19,987.0     | 93.74      | 179.62                   | 12,490.9      | -7,179.2      | 536.8         | 1.46                | 0.94                 | 1.13                | -3.0                   | -11.4                   |  |
| 20,081.0     | 90.31      | 178.47                   | 12,487.6      | -7,273.2      | 538.3         | 3.85                | -3.65                | -1.22               | -6.4                   | -10.5                   |  |
| 20,174.0     | 90.48      | 178.03                   | 12,487.0      | -7,366.1      | 541.2         | 0.51                | 0.18                 | -0.47               | -7.0                   | -8.4                    |  |
| 20,268.0     | 90.84      | 180.14                   | 12,485.9      | -7,460.1      | 542.7         | 2.28                | 0.38                 | 2.24                | -8.1                   | -7.5                    |  |
| 20,361.0     | 87.49      | 180.32                   | 12,487.3      | -7,553.1      | 542.3         | 3.61                | -3.60                | 0.19                | -8.8                   | -8.6                    |  |
| 20,454.0     | 88.55      | 180.06                   | 12,490.5      | -7,646.0      | 542.0         | 1.17                | 1.14                 | -0.28               | -3.7                   | -9.6                    |  |
| 20,547.0     | 87.14      | 179.33                   | 12,494.0      | -7,738.9      | 542.5         | 1.71                | -1.52                | -0.78               | -0.4                   | -9.8                    |  |

**EOG Resources**  
PVA Report

|                  |                             |                                     |                               |
|------------------|-----------------------------|-------------------------------------|-------------------------------|
| <b>Company:</b>  | EOG Resources - Midland     | <b>Local Co-ordinate Reference:</b> | Well #703H                    |
| <b>Project:</b>  | Lea County, NM (NAD 83 NME) | <b>TVD Reference:</b>               | KB = 25 @ 3551.0usft (HP 620) |
| <b>Site:</b>     | Convoy 28 State Com         | <b>MD Reference:</b>                | KB = 25 @ 3551.0usft (HP 620) |
| <b>Well:</b>     | #703H                       | <b>North Reference:</b>             | Grid                          |
| <b>Wellbore:</b> | OH                          | <b>Survey Calculation Method:</b>   | Minimum Curvature             |
| <b>Design:</b>   | OH                          | <b>Database:</b>                    | EDM 5000.14 Single User Db    |

  

| Survey                                |            |                          |               |               |               |                     |                      |                     |                        |                         |  |
|---------------------------------------|------------|--------------------------|---------------|---------------|---------------|---------------------|----------------------|---------------------|------------------------|-------------------------|--|
| MD<br>(usft)                          | Inc<br>(°) | Azi<br>(grid_north_azim) | 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) |  |
| 20,642.0                              | 88.46      | 178.47                   | 12,497.6      | -7,833.8      | 544.3         | 1.66                | 1.39                 | -0.91               | 3.2                    | -8.6                    |  |
| 20,735.0                              | 88.90      | 178.03                   | 12,499.8      | -7,926.8      | 547.2         | 0.67                | 0.47                 | -0.47               | 5.2                    | -6.5                    |  |
| 20,829.0                              | 91.54      | 177.60                   | 12,499.4      | -8,020.7      | 550.7         | 2.85                | 2.81                 | -0.46               | 4.7                    | -3.6                    |  |
| 20,923.0                              | 92.95      | 178.21                   | 12,495.7      | -8,114.6      | 554.2         | 1.63                | 1.50                 | 0.65                | 0.9                    | -0.8                    |  |
| 21,016.0                              | 92.68      | 178.74                   | 12,491.1      | -8,207.4      | 556.7         | 0.64                | -0.29                | 0.57                | -3.8                   | 1.0                     |  |
| 21,110.0                              | 90.48      | 178.83                   | 12,488.6      | -8,301.4      | 558.6         | 2.34                | -2.34                | 0.10                | -6.5                   | 2.3                     |  |
| 21,204.0                              | 89.96      | 177.95                   | 12,488.2      | -8,395.3      | 561.3         | 1.09                | -0.55                | -0.94               | -7.0                   | 4.2                     |  |
| 21,297.0                              | 90.04      | 178.21                   | 12,488.2      | -8,488.3      | 564.4         | 0.29                | 0.09                 | 0.28                | -7.1                   | 6.6                     |  |
| 21,386.0                              | 89.16      | 178.56                   | 12,488.8      | -8,577.2      | 566.9         | 1.06                | -0.99                | 0.39                | -6.6                   | 8.5                     |  |
| 21,478.0                              | 88.81      | 178.65                   | 12,490.4      | -8,669.2      | 569.2         | 0.39                | -0.38                | 0.10                | -5.1                   | 10.1                    |  |
| 21,572.0                              | 89.08      | 178.30                   | 12,492.2      | -8,763.1      | 571.7         | 0.47                | 0.29                 | -0.37               | -3.5                   | 11.9                    |  |
| 21,665.0                              | 89.34      | 177.07                   | 12,493.5      | -8,856.0      | 575.4         | 1.35                | 0.28                 | -1.32               | -2.4                   | 15.0                    |  |
| 21,759.0                              | 89.25      | 176.72                   | 12,494.6      | -8,949.9      | 580.5         | 0.38                | -0.10                | -0.37               | -1.3                   | 19.4                    |  |
| 21,852.0                              | 90.04      | 177.51                   | 12,495.2      | -9,042.8      | 585.2         | 1.20                | 0.85                 | 0.85                | -0.9                   | 23.4                    |  |
| 21,946.0                              | 90.84      | 178.21                   | 12,494.5      | -9,136.7      | 588.7         | 1.13                | 0.85                 | 0.74                | -1.7                   | 26.2                    |  |
| 22,039.0                              | 89.69      | 180.60                   | 12,494.0      | -9,229.7      | 589.7         | 2.85                | -1.24                | 2.57                | -2.3                   | 26.5                    |  |
| 22,132.0                              | 90.57      | 180.41                   | 12,493.8      | -9,322.7      | 588.8         | 0.97                | 0.95                 | -0.20               | -2.6                   | 25.0                    |  |
| 22,179.0                              | 90.31      | 180.06                   | 12,493.5      | -9,369.7      | 588.6         | 0.93                | -0.55                | -0.74               | -3.0                   | 24.4                    |  |
| 22,225.0                              | 90.31      | 179.44                   | 12,493.2      | -9,415.7      | 588.8         | 1.35                | 0.00                 | -1.35               | -3.3                   | 24.3                    |  |
| 22,318.0                              | 88.20      | 178.12                   | 12,494.4      | -9,508.7      | 590.8         | 2.68                | -2.27                | -1.42               | -2.3                   | 25.6                    |  |
| 22,381.0                              | 86.35      | 177.07                   | 12,497.4      | -9,571.5      | 593.5         | 3.38                | -2.94                | -1.67               | 0.6                    | 27.8                    |  |
| Final MWD Survey (MD=22381.0')        |            |                          |               |               |               |                     |                      |                     |                        |                         |  |
| 22,445.0                              | 86.35      | 177.07                   | 12,501.5      | -9,635.3      | 596.7         | 0.00                | 0.00                 | 0.00                | 4.6                    | 30.6                    |  |
| Final Projection to Bit (MD=22445.0') |            |                          |               |               |               |                     |                      |                     |                        |                         |  |

**EOG Resources**  
PVA Report

|                  |                             |                                     |                               |
|------------------|-----------------------------|-------------------------------------|-------------------------------|
| <b>Company:</b>  | EOG Resources - Midland     | <b>Local Co-ordinate Reference:</b> | Well #703H                    |
| <b>Project:</b>  | Lea County, NM (NAD 83 NME) | <b>TVD Reference:</b>               | KB = 25 @ 3551.0usft (HP 620) |
| <b>Site:</b>     | Convoy 28 State Corn        | <b>MD Reference:</b>                | KB = 25 @ 3551.0usft (HP 620) |
| <b>Well:</b>     | #703H                       | <b>North Reference:</b>             | Grid                          |
| <b>Wellbore:</b> | OH                          | <b>Survey Calculation Method:</b>   | Minimum Curvature             |
| <b>Design:</b>   | OH                          | <b>Database:</b>                    | EDM 5000.14 Single User Db    |

| Design Annotations          |                             |                   |                 |                                                                           |
|-----------------------------|-----------------------------|-------------------|-----------------|---------------------------------------------------------------------------|
| Measured<br>Depth<br>(usft) | Vertical<br>Depth<br>(usft) | Local Coordinates |                 | Comment                                                                   |
|                             |                             | +N/-S<br>(usft)   | +E/-W<br>(usft) |                                                                           |
| 12,536.7                    | 12,398.6                    | 244.0             | 483.8           | HL Crossing, MD:12536.7', TVD:12398.6', N/S:244.0', E/W:483.8', INC:54.70 |
| 22,381.0                    | 12,497.4                    | -9,571.5          | 593.5           | Final MWD Survey (MD=22381.0')                                            |
| 22,445.0                    | 12,501.5                    | -9,635.3          | 595.7           | Final Projection to Bit (MD=22445.0')                                     |

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



Lea County, NM (NAD 83 NME)

Convoy 28 State Com #703H

HP 620

Plan #3

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: #703H

KB = 25 @ 3551.0usft (HP 620) 3526.0  
 Northing 435250.00 Easting 776227.00 Latitude 32° 11' 39.479 N Longitude 103° 34' 26.400 W



Azimuths to Grid North  
 True North: -0.41°  
 Magnetic North: 6.50°

Magnetic Field

Strength: 47872.7mT

Dip Angle: 60.03°

Date: 11/30/2017

Model: IGRF2015

To convert a Magnetic Direction to a Grid Direction, Add 6.50°  
 To convert a Magnetic Direction to a True Direction, Add 6.90° East  
 To convert a True Direction to a Grid Direction, Subtract 0.40°

## 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   | 1500.0  | 0.00  | 0.00   | 1500.0  | 0.0     | 0.0   | 0.00  | 0.00    | 0.0    |                             |
| 3   | 1600.0  | 2.00  | 45.00  | 1600.0  | 1.2     | 1.2   | 2.00  | 45.00   | -1.2   |                             |
| 4   | 2500.6  | 2.00  | 45.00  | 2500.0  | 23.5    | 23.5  | 0.00  | 0.00    | -22.1  |                             |
| 5   | 2650.6  | 5.00  | 45.00  | 2649.7  | 29.9    | 29.9  | 2.00  | 0.00    | -28.1  |                             |
| 6   | 5140.3  | 5.00  | 45.00  | 5130.0  | 183.4   | 183.4 | 0.00  | 0.00    | -172.4 |                             |
| 7   | 5392.2  | 10.00 | 40.00  | 5379.7  | 207.9   | 205.2 | 2.00  | -9.92   | -195.6 |                             |
| 8   | 7443.7  | 10.00 | 40.00  | 7400.0  | 480.8   | 434.2 | 0.00  | 0.00    | -454.8 |                             |
| 9   | 7943.7  | 0.00  | 0.00   | 7897.5  | 514.1   | 462.2 | 2.00  | 180.00  | -486.4 |                             |
| 10  | 12065.8 | 0.00  | 0.00   | 12019.5 | 514.1   | 462.2 | 0.00  | 0.00    | -486.4 |                             |
| 11  | 12817.9 | 90.25 | 176.50 | 12497.0 | 35.5    | 491.4 | 12.00 | 176.50  | -6.9   |                             |
| 12  | 12972.1 | 90.26 | 179.58 | 12496.3 | -118.6  | 496.7 | 2.00  | 89.90   | 147.2  | TGT 1 (Con 28 ST Com #703H) |
| 13  | 14830.5 | 90.26 | 179.58 | 12488.0 | -1977.0 | 510.2 | 0.00  | 0.00    | 2003.3 | TGT 2 (Con 28 ST Com #703H) |
| 14  | 14839.0 | 90.09 | 179.58 | 12488.0 | -1985.5 | 510.3 | 2.00  | -178.34 | 2011.8 | TGT 3 (Con 28 ST Com #703H) |
| 15  | 16832.6 | 90.09 | 179.58 | 12485.0 | -3979.0 | 524.9 | 0.00  | 0.00    | 4002.8 | TGT 4 (Con 28 ST Com #703H) |
| 16  | 16849.8 | 89.74 | 179.58 | 12485.0 | -3996.2 | 525.0 | 2.00  | 179.52  | 4019.9 | PBHL (Con 28 ST Com #703H)  |
| 17  | 18834.7 | 89.74 | 179.58 | 12494.0 | -5981.0 | 539.5 | 0.00  | 0.00    | 6002.2 |                             |
| 18  | 18847.6 | 90.00 | 179.58 | 12494.0 | -5994.0 | 539.6 | 2.00  | 0.45    | 6015.2 |                             |
| 19  | 20336.7 | 90.00 | 179.58 | 12494.0 | -7483.0 | 550.4 | 0.00  | 0.00    | 7502.3 |                             |
| 20  | 20340.5 | 89.92 | 179.58 | 12494.0 | -7486.9 | 550.4 | 2.00  | -177.20 | 7506.2 |                             |
| 21  | 22603.8 | 89.92 | 179.58 | 12497.0 | -9750.0 | 567.0 | 0.00  | 0.00    | 9766.5 |                             |

## WELLBORE TARGET DETAILS (MAP CO-ORDINATES)

| Name                        | TVD     | +N/-S   | +E/-W | Northing  | Easting   |
|-----------------------------|---------|---------|-------|-----------|-----------|
| KOP1 (Con 28 ST Com #703H)  | 11882.3 | 514.1   | 461.0 | 435764.14 | 776688.00 |
| TGT 1 (Con 28 ST Com #703H) | 12485.0 | -3979.0 | 524.9 | 431271.80 | 776761.80 |
| TGT 2 (Con 28 ST Com #703H) | 12488.0 | -1977.0 | 510.2 | 433273.00 | 776737.20 |
| TGT 3 (Con 28 ST Com #703H) | 12484.0 | -5981.0 | 539.5 | 432929.00 | 776766.50 |
| TGT 4 (Con 28 ST Com #703H) | 12484.0 | -7483.0 | 550.4 | 427767.00 | 776777.40 |
| FTP (Con 28 ST Com #703H)   | 12497.0 | 243.0   | 493.0 | 435493.00 | 776720.00 |
| PBHL (Con 28 ST Com #703H)  | 12497.0 | -9750.0 | 567.0 | 425500.00 | 776794.00 |

