



## **EOG Resources - Midland**

**Lea County, NM (NAD 83 NME)**

**Wild Weasel 22 Fed Com**

**#704H**

**OH**

**Plan: Plan #0.1**

## **Standard Planning Report**

**30 August, 2018**

|                  |                             |                                     |                      |
|------------------|-----------------------------|-------------------------------------|----------------------|
| <b>Database:</b> | EDM 5000.14                 | <b>Local Co-ordinate Reference:</b> | Well #704H           |
| <b>Company:</b>  | EOG Resources - Midland     | <b>TVD Reference:</b>               | KB = 25 @ 3364.0usft |
| <b>Project:</b>  | Lea County, NM (NAD 83 NME) | <b>MD Reference:</b>                | KB = 25 @ 3364.0usft |
| <b>Site:</b>     | Wild Weasel 22 Fed Com      | <b>North Reference:</b>             | Grid                 |
| <b>Well:</b>     | #704H                       | <b>Survey Calculation Method:</b>   | Minimum Curvature    |
| <b>Wellbore:</b> | OH                          |                                     |                      |
| <b>Design:</b>   | Plan #0.1                   |                                     |                      |

|                    |                             |                      |                |
|--------------------|-----------------------------|----------------------|----------------|
| <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     |                      |                |

| Site                  |     | Wild Weasel 22 Fed Com |                 |            |                   |        |
|-----------------------|-----|------------------------|-----------------|------------|-------------------|--------|
| Site Position:        |     | Northing:              | 409,434.00 usft | Latitude:  | 32° 7' 21.137 N   |        |
| From:                 | Map | Easting:               | 814,510.00 usft | Longitude: | 103° 27' 3.375 W  |        |
| Position Uncertainty: |     | 0.0 usft               | Slot Radius:    | 13-3/16 "  | Grid Convergence: | 0.47 ° |

|                      |       |             |                     |                 |               |                  |
|----------------------|-------|-------------|---------------------|-----------------|---------------|------------------|
| Well                 | #704H |             |                     |                 |               |                  |
| Well Position        | +N/-S | -37.0 usft  | Northing:           | 409,397.00 usft | Latitude:     | 32° 7' 20.817 N  |
|                      | +E/-W | -561.0 usft | Easting:            | 813,949.00 usft | Longitude:    | 103° 27' 9.901 W |
| Position Uncertainty |       | 0.0 usft    | Wellhead Elevation: |                 | Ground Level: | 3,339.0 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          | 8/28/2018          | 6.76                   | 59.97                | 47,767.77755726            |

|                   |                            |                 |                 |                  |
|-------------------|----------------------------|-----------------|-----------------|------------------|
| Design            | Plan #0.1                  |                 |                 |                  |
| Audit Notes:      |                            |                 |                 |                  |
| Version:          | Phase:                     | PLAN            | Tie On Depth:   | 0.0              |
| Vertical Section: | Depth From (TVD)<br>(usft) | +N/-S<br>(usft) | +E/-W<br>(usft) | Direction<br>(°) |
|                   | 0.0                        | 0.0             | 0.0             | 180.86           |

|                                 |                        |                          |                  |                     |  |
|---------------------------------|------------------------|--------------------------|------------------|---------------------|--|
| <b>Plan Survey Tool Program</b> | <b>Date</b>            | 8/28/2018                |                  |                     |  |
| <b>Depth From (usft)</b>        | <b>Depth To (usft)</b> | <b>Survey (Wellbore)</b> | <b>Tool Name</b> | <b>Remarks</b>      |  |
| 1                               | 0.0                    | 22,779.9                 | Plan #0.1 (OH)   | MWD                 |  |
|                                 |                        |                          |                  | OWSG MWD - Standard |  |

|                              |                        |                    |                              |                     |                     |                                |                               |                              |                |                    |
|------------------------------|------------------------|--------------------|------------------------------|---------------------|---------------------|--------------------------------|-------------------------------|------------------------------|----------------|--------------------|
| <b>Plan Sections</b>         |                        |                    |                              |                     |                     |                                |                               |                              |                |                    |
| <b>Measured Depth (usft)</b> | <b>Inclination (°)</b> | <b>Azimuth (°)</b> | <b>Vertical Depth (usft)</b> | <b>+N/-S (usft)</b> | <b>+E/-W (usft)</b> | <b>Dogleg Rate (°/100usft)</b> | <b>Build Rate (°/100usft)</b> | <b>Turn Rate (°/100usft)</b> | <b>TFO (°)</b> | <b>Target</b>      |
| 0.0                          | 0.00                   | 0.00               | 0.0                          | 0.0                 | 0.0                 | 0.00                           | 0.00                          | 0.00                         | 0.00           |                    |
| 3,000.0                      | 0.00                   | 0.00               | 3,000.0                      | 0.0                 | 0.0                 | 0.00                           | 0.00                          | 0.00                         | 0.00           |                    |
| 3,108.9                      | 2.18                   | 315.12             | 3,108.8                      | 1.5                 | -1.5                | 2.00                           | 2.00                          | 0.00                         | 315.12         |                    |
| 11,990.1                     | 2.18                   | 315.12             | 11,983.7                     | 240.5               | -239.5              | 0.00                           | 0.00                          | 0.00                         | 0.00           |                    |
| 12,099.0                     | 0.00                   | 0.00               | 12,092.5                     | 242.0               | -241.0              | 2.00                           | -2.00                         | 0.00                         | 180.00         | KOP (WW 22 FC #70- |
| 12,849.0                     | 90.00                  | 179.51             | 12,570.0                     | -235.4              | -236.9              | 12.00                          | 12.00                         | 23.93                        | 179.51         |                    |
| 22,779.9                     | 90.00                  | 179.51             | 12,570.0                     | -10,166.0           | -152.0              | 0.00                           | 0.00                          | 0.00                         | 0.00           | PBHL (WW 22 FC #71 |

|           |                             |                              |                      |
|-----------|-----------------------------|------------------------------|----------------------|
| Database: | EDM 5000.14                 | Local Co-ordinate Reference: | Well #704H           |
| Company:  | EOG Resources - Midland     | TVD Reference:               | KB = 25 @ 3364.0usft |
| Project:  | Lea County, NM (NAD 83 NME) | MD Reference:                | KB = 25 @ 3364.0usft |
| Site:     | Wild Weasel 22 Fed Com      | North Reference:             | Grid                 |
| Well:     | #704H                       | Survey Calculation Method:   | Minimum Curvature    |
| Wellbore: | OH                          |                              |                      |
| Design:   | Plan #0.1                   |                              |                      |

| Planned Survey        |                 |             |                       |              |              |                         |                         |                        |                       |
|-----------------------|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|-------------------------|------------------------|-----------------------|
| Measured Depth (usft) | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Vertical Section (usft) | Dogleg Rate (°/100usft) | Build Rate (°/100usft) | Turn Rate (°/100usft) |
| 0.0                   | 0.00            | 0.00        | 0.0                   | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 100.0                 | 0.00            | 0.00        | 100.0                 | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 200.0                 | 0.00            | 0.00        | 200.0                 | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 300.0                 | 0.00            | 0.00        | 300.0                 | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 400.0                 | 0.00            | 0.00        | 400.0                 | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 500.0                 | 0.00            | 0.00        | 500.0                 | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 600.0                 | 0.00            | 0.00        | 600.0                 | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 700.0                 | 0.00            | 0.00        | 700.0                 | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 800.0                 | 0.00            | 0.00        | 800.0                 | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 900.0                 | 0.00            | 0.00        | 900.0                 | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 1,000.0               | 0.00            | 0.00        | 1,000.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 1,100.0               | 0.00            | 0.00        | 1,100.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 1,200.0               | 0.00            | 0.00        | 1,200.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 1,300.0               | 0.00            | 0.00        | 1,300.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 1,400.0               | 0.00            | 0.00        | 1,400.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 1,500.0               | 0.00            | 0.00        | 1,500.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 1,600.0               | 0.00            | 0.00        | 1,600.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 1,700.0               | 0.00            | 0.00        | 1,700.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 1,800.0               | 0.00            | 0.00        | 1,800.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 1,900.0               | 0.00            | 0.00        | 1,900.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 2,000.0               | 0.00            | 0.00        | 2,000.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 2,100.0               | 0.00            | 0.00        | 2,100.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 2,200.0               | 0.00            | 0.00        | 2,200.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 2,300.0               | 0.00            | 0.00        | 2,300.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 2,400.0               | 0.00            | 0.00        | 2,400.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 2,500.0               | 0.00            | 0.00        | 2,500.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 2,600.0               | 0.00            | 0.00        | 2,600.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 2,700.0               | 0.00            | 0.00        | 2,700.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 2,800.0               | 0.00            | 0.00        | 2,800.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 2,900.0               | 0.00            | 0.00        | 2,900.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 3,000.0               | 0.00            | 0.00        | 3,000.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 3,108.9               | 2.18            | 315.12      | 3,108.8               | 1.5          | -1.5         | -1.4                    | 2.00                    | 2.00                   | 0.00                  |
| 3,200.0               | 2.18            | 315.12      | 3,199.9               | 3.9          | -3.9         | -3.9                    | 0.00                    | 0.00                   | 0.00                  |
| 3,300.0               | 2.18            | 315.12      | 3,299.8               | 6.6          | -6.6         | -6.5                    | 0.00                    | 0.00                   | 0.00                  |
| 3,400.0               | 2.18            | 315.12      | 3,399.8               | 9.3          | -9.3         | -9.2                    | 0.00                    | 0.00                   | 0.00                  |
| 3,500.0               | 2.18            | 315.12      | 3,499.7               | 12.0         | -11.9        | -11.8                   | 0.00                    | 0.00                   | 0.00                  |
| 3,600.0               | 2.18            | 315.12      | 3,599.6               | 14.7         | -14.6        | -14.5                   | 0.00                    | 0.00                   | 0.00                  |
| 3,700.0               | 2.18            | 315.12      | 3,699.5               | 17.4         | -17.3        | -17.1                   | 0.00                    | 0.00                   | 0.00                  |
| 3,800.0               | 2.18            | 315.12      | 3,799.5               | 20.1         | -20.0        | -19.8                   | 0.00                    | 0.00                   | 0.00                  |
| 3,900.0               | 2.18            | 315.12      | 3,899.4               | 22.8         | -22.7        | -22.4                   | 0.00                    | 0.00                   | 0.00                  |
| 4,000.0               | 2.18            | 315.12      | 3,999.3               | 25.5         | -25.3        | -25.1                   | 0.00                    | 0.00                   | 0.00                  |
| 4,100.0               | 2.18            | 315.12      | 4,099.3               | 28.1         | -28.0        | -27.7                   | 0.00                    | 0.00                   | 0.00                  |
| 4,200.0               | 2.18            | 315.12      | 4,199.2               | 30.8         | -30.7        | -30.4                   | 0.00                    | 0.00                   | 0.00                  |
| 4,300.0               | 2.18            | 315.12      | 4,299.1               | 33.5         | -33.4        | -33.0                   | 0.00                    | 0.00                   | 0.00                  |
| 4,400.0               | 2.18            | 315.12      | 4,399.0               | 36.2         | -36.1        | -35.7                   | 0.00                    | 0.00                   | 0.00                  |
| 4,500.0               | 2.18            | 315.12      | 4,499.0               | 38.9         | -38.8        | -38.3                   | 0.00                    | 0.00                   | 0.00                  |
| 4,600.0               | 2.18            | 315.12      | 4,598.9               | 41.6         | -41.4        | -41.0                   | 0.00                    | 0.00                   | 0.00                  |
| 4,700.0               | 2.18            | 315.12      | 4,698.8               | 44.3         | -44.1        | -43.6                   | 0.00                    | 0.00                   | 0.00                  |
| 4,800.0               | 2.18            | 315.12      | 4,798.8               | 47.0         | -46.8        | -46.3                   | 0.00                    | 0.00                   | 0.00                  |
| 4,900.0               | 2.18            | 315.12      | 4,898.7               | 49.7         | -49.5        | -48.9                   | 0.00                    | 0.00                   | 0.00                  |
| 5,000.0               | 2.18            | 315.12      | 4,998.6               | 52.4         | -52.2        | -51.6                   | 0.00                    | 0.00                   | 0.00                  |
| 5,100.0               | 2.18            | 315.12      | 5,098.5               | 55.1         | -54.8        | -54.2                   | 0.00                    | 0.00                   | 0.00                  |
| 5,200.0               | 2.18            | 315.12      | 5,198.5               | 57.8         | -57.5        | -56.9                   | 0.00                    | 0.00                   | 0.00                  |
| 5,300.0               | 2.18            | 315.12      | 5,298.4               | 60.4         | -60.2        | -59.5                   | 0.00                    | 0.00                   | 0.00                  |

|           |                             |                              |                      |
|-----------|-----------------------------|------------------------------|----------------------|
| Database: | EDM 5000.14                 | Local Co-ordinate Reference: | Well #704H           |
| Company:  | EOG Resources - Midland     | TVD Reference:               | KB = 25 @ 3364.0usft |
| Project:  | Lea County, NM (NAD 83 NME) | MD Reference:                | KB = 25 @ 3364.0usft |
| Site:     | Wild Weasel 22 Fed Com      | North Reference:             | Grid                 |
| Well:     | #704H                       | Survey Calculation Method:   | Minimum Curvature    |
| Wellbore: | OH                          |                              |                      |
| Design:   | Plan #0.1                   |                              |                      |

| Planned Survey        |                 |             |                       |              |              |                         |                         |                        |                       |
|-----------------------|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|-------------------------|------------------------|-----------------------|
| Measured Depth (usft) | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Vertical Section (usft) | Dogleg Rate (°/100usft) | Build Rate (°/100usft) | Turn Rate (°/100usft) |
| 5,400.0               | 2.18            | 315.12      | 5,398.3               | 63.1         | -62.9        | -62.2                   | 0.00                    | 0.00                   | 0.00                  |
| 5,500.0               | 2.18            | 315.12      | 5,498.2               | 65.8         | -65.6        | -64.8                   | 0.00                    | 0.00                   | 0.00                  |
| 5,600.0               | 2.18            | 315.12      | 5,598.2               | 68.5         | -68.2        | -67.5                   | 0.00                    | 0.00                   | 0.00                  |
| 5,700.0               | 2.18            | 315.12      | 5,698.1               | 71.2         | -70.9        | -70.1                   | 0.00                    | 0.00                   | 0.00                  |
| 5,800.0               | 2.18            | 315.12      | 5,798.0               | 73.9         | -73.6        | -72.8                   | 0.00                    | 0.00                   | 0.00                  |
| 5,900.0               | 2.18            | 315.12      | 5,898.0               | 76.6         | -76.3        | -75.4                   | 0.00                    | 0.00                   | 0.00                  |
| 6,000.0               | 2.18            | 315.12      | 5,997.9               | 79.3         | -79.0        | -78.1                   | 0.00                    | 0.00                   | 0.00                  |
| 6,100.0               | 2.18            | 315.12      | 6,097.8               | 82.0         | -81.6        | -80.8                   | 0.00                    | 0.00                   | 0.00                  |
| 6,200.0               | 2.18            | 315.12      | 6,197.7               | 84.7         | -84.3        | -83.4                   | 0.00                    | 0.00                   | 0.00                  |
| 6,300.0               | 2.18            | 315.12      | 6,297.7               | 87.4         | -87.0        | -86.1                   | 0.00                    | 0.00                   | 0.00                  |
| 6,400.0               | 2.18            | 315.12      | 6,397.6               | 90.1         | -89.7        | -88.7                   | 0.00                    | 0.00                   | 0.00                  |
| 6,500.0               | 2.18            | 315.12      | 6,497.5               | 92.7         | -92.4        | -91.4                   | 0.00                    | 0.00                   | 0.00                  |
| 6,600.0               | 2.18            | 315.12      | 6,597.5               | 95.4         | -95.0        | -94.0                   | 0.00                    | 0.00                   | 0.00                  |
| 6,700.0               | 2.18            | 315.12      | 6,697.4               | 98.1         | -97.7        | -96.7                   | 0.00                    | 0.00                   | 0.00                  |
| 6,800.0               | 2.18            | 315.12      | 6,797.3               | 100.8        | -100.4       | -99.3                   | 0.00                    | 0.00                   | 0.00                  |
| 6,900.0               | 2.18            | 315.12      | 6,897.2               | 103.5        | -103.1       | -102.0                  | 0.00                    | 0.00                   | 0.00                  |
| 7,000.0               | 2.18            | 315.12      | 6,997.2               | 106.2        | -105.8       | -104.6                  | 0.00                    | 0.00                   | 0.00                  |
| 7,100.0               | 2.18            | 315.12      | 7,097.1               | 108.9        | -108.5       | -107.3                  | 0.00                    | 0.00                   | 0.00                  |
| 7,200.0               | 2.18            | 315.12      | 7,197.0               | 111.6        | -111.1       | -109.9                  | 0.00                    | 0.00                   | 0.00                  |
| 7,300.0               | 2.18            | 315.12      | 7,296.9               | 114.3        | -113.8       | -112.6                  | 0.00                    | 0.00                   | 0.00                  |
| 7,400.0               | 2.18            | 315.12      | 7,396.9               | 117.0        | -116.5       | -115.2                  | 0.00                    | 0.00                   | 0.00                  |
| 7,500.0               | 2.18            | 315.12      | 7,496.8               | 119.7        | -119.2       | -117.9                  | 0.00                    | 0.00                   | 0.00                  |
| 7,600.0               | 2.18            | 315.12      | 7,596.7               | 122.4        | -121.9       | -120.5                  | 0.00                    | 0.00                   | 0.00                  |
| 7,700.0               | 2.18            | 315.12      | 7,696.7               | 125.1        | -124.5       | -123.2                  | 0.00                    | 0.00                   | 0.00                  |
| 7,800.0               | 2.18            | 315.12      | 7,796.6               | 127.7        | -127.2       | -125.8                  | 0.00                    | 0.00                   | 0.00                  |
| 7,900.0               | 2.18            | 315.12      | 7,896.5               | 130.4        | -129.9       | -128.5                  | 0.00                    | 0.00                   | 0.00                  |
| 8,000.0               | 2.18            | 315.12      | 7,996.4               | 133.1        | -132.6       | -131.1                  | 0.00                    | 0.00                   | 0.00                  |
| 8,100.0               | 2.18            | 315.12      | 8,096.4               | 135.8        | -135.3       | -133.8                  | 0.00                    | 0.00                   | 0.00                  |
| 8,200.0               | 2.18            | 315.12      | 8,196.3               | 138.5        | -137.9       | -136.4                  | 0.00                    | 0.00                   | 0.00                  |
| 8,300.0               | 2.18            | 315.12      | 8,296.2               | 141.2        | -140.6       | -139.1                  | 0.00                    | 0.00                   | 0.00                  |
| 8,400.0               | 2.18            | 315.12      | 8,396.2               | 143.9        | -143.3       | -141.7                  | 0.00                    | 0.00                   | 0.00                  |
| 8,500.0               | 2.18            | 315.12      | 8,496.1               | 146.6        | -146.0       | -144.4                  | 0.00                    | 0.00                   | 0.00                  |
| 8,600.0               | 2.18            | 315.12      | 8,596.0               | 149.3        | -148.7       | -147.0                  | 0.00                    | 0.00                   | 0.00                  |
| 8,700.0               | 2.18            | 315.12      | 8,695.9               | 152.0        | -151.3       | -149.7                  | 0.00                    | 0.00                   | 0.00                  |
| 8,800.0               | 2.18            | 315.12      | 8,795.9               | 154.7        | -154.0       | -152.3                  | 0.00                    | 0.00                   | 0.00                  |
| 8,900.0               | 2.18            | 315.12      | 8,895.8               | 157.4        | -156.7       | -155.0                  | 0.00                    | 0.00                   | 0.00                  |
| 9,000.0               | 2.18            | 315.12      | 8,995.7               | 160.0        | -159.4       | -157.6                  | 0.00                    | 0.00                   | 0.00                  |
| 9,100.0               | 2.18            | 315.12      | 9,095.6               | 162.7        | -162.1       | -160.3                  | 0.00                    | 0.00                   | 0.00                  |
| 9,200.0               | 2.18            | 315.12      | 9,195.6               | 165.4        | -164.7       | -162.9                  | 0.00                    | 0.00                   | 0.00                  |
| 9,300.0               | 2.18            | 315.12      | 9,295.5               | 168.1        | -167.4       | -165.6                  | 0.00                    | 0.00                   | 0.00                  |
| 9,400.0               | 2.18            | 315.12      | 9,395.4               | 170.8        | -170.1       | -168.3                  | 0.00                    | 0.00                   | 0.00                  |
| 9,500.0               | 2.18            | 315.12      | 9,495.4               | 173.5        | -172.8       | -170.9                  | 0.00                    | 0.00                   | 0.00                  |
| 9,600.0               | 2.18            | 315.12      | 9,595.3               | 176.2        | -175.5       | -173.6                  | 0.00                    | 0.00                   | 0.00                  |
| 9,700.0               | 2.18            | 315.12      | 9,695.2               | 178.9        | -178.1       | -176.2                  | 0.00                    | 0.00                   | 0.00                  |
| 9,800.0               | 2.18            | 315.12      | 9,795.1               | 181.6        | -180.8       | -178.9                  | 0.00                    | 0.00                   | 0.00                  |
| 9,900.0               | 2.18            | 315.12      | 9,895.1               | 184.3        | -183.5       | -181.5                  | 0.00                    | 0.00                   | 0.00                  |
| 10,000.0              | 2.18            | 315.12      | 9,995.0               | 187.0        | -186.2       | -184.2                  | 0.00                    | 0.00                   | 0.00                  |
| 10,100.0              | 2.18            | 315.12      | 10,094.9              | 189.7        | -188.9       | -186.8                  | 0.00                    | 0.00                   | 0.00                  |
| 10,200.0              | 2.18            | 315.12      | 10,194.9              | 192.3        | -191.6       | -189.5                  | 0.00                    | 0.00                   | 0.00                  |
| 10,300.0              | 2.18            | 315.12      | 10,294.8              | 195.0        | -194.2       | -192.1                  | 0.00                    | 0.00                   | 0.00                  |
| 10,400.0              | 2.18            | 315.12      | 10,394.7              | 197.7        | -196.9       | -194.8                  | 0.00                    | 0.00                   | 0.00                  |
| 10,500.0              | 2.18            | 315.12      | 10,494.6              | 200.4        | -199.6       | -197.4                  | 0.00                    | 0.00                   | 0.00                  |
| 10,600.0              | 2.18            | 315.12      | 10,594.6              | 203.1        | -202.3       | -200.1                  | 0.00                    | 0.00                   | 0.00                  |
| 10,700.0              | 2.18            | 315.12      | 10,694.5              | 205.8        | -205.0       | -202.7                  | 0.00                    | 0.00                   | 0.00                  |

|           |                             |                              |                      |
|-----------|-----------------------------|------------------------------|----------------------|
| Database: | EDM 5000.14                 | Local Co-ordinate Reference: | Well #704H           |
| Company:  | EOG Resources - Midland     | TVD Reference:               | KB = 25 @ 3364.0usft |
| Project:  | Lea County, NM (NAD 83 NME) | MD Reference:                | KB = 25 @ 3364.0usft |
| Site:     | Wild Weasel 22 Fed Com      | North Reference:             | Grid                 |
| Well:     | #704H                       | Survey Calculation Method:   | Minimum Curvature    |
| Wellbore: | OH                          |                              |                      |
| Design:   | Plan #0.1                   |                              |                      |

## Planned Survey

| Measured Depth (usft) | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Vertical Section (usft) | Dogleg Rate (°/100usft) | Build Rate (°/100usft) | Turn Rate (°/100usft) |
|-----------------------|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|-------------------------|------------------------|-----------------------|
| 10,800.0              | 2.18            | 315.12      | 10,794.4              | 208.5        | -207.6       | -205.4                  | 0.00                    | 0.00                   | 0.00                  |
| 10,900.0              | 2.18            | 315.12      | 10,894.3              | 211.2        | -210.3       | -208.0                  | 0.00                    | 0.00                   | 0.00                  |
| 11,000.0              | 2.18            | 315.12      | 10,994.3              | 213.9        | -213.0       | -210.7                  | 0.00                    | 0.00                   | 0.00                  |
| 11,100.0              | 2.18            | 315.12      | 11,094.2              | 216.6        | -215.7       | -213.3                  | 0.00                    | 0.00                   | 0.00                  |
| 11,200.0              | 2.18            | 315.12      | 11,194.1              | 219.3        | -218.4       | -216.0                  | 0.00                    | 0.00                   | 0.00                  |
| 11,300.0              | 2.18            | 315.12      | 11,294.1              | 222.0        | -221.0       | -218.6                  | 0.00                    | 0.00                   | 0.00                  |
| 11,400.0              | 2.18            | 315.12      | 11,394.0              | 224.6        | -223.7       | -221.3                  | 0.00                    | 0.00                   | 0.00                  |
| 11,500.0              | 2.18            | 315.12      | 11,493.9              | 227.3        | -226.4       | -223.9                  | 0.00                    | 0.00                   | 0.00                  |
| 11,600.0              | 2.18            | 315.12      | 11,593.8              | 230.0        | -229.1       | -226.6                  | 0.00                    | 0.00                   | 0.00                  |
| 11,700.0              | 2.18            | 315.12      | 11,693.8              | 232.7        | -231.8       | -229.2                  | 0.00                    | 0.00                   | 0.00                  |
| 11,800.0              | 2.18            | 315.12      | 11,793.7              | 235.4        | -234.4       | -231.9                  | 0.00                    | 0.00                   | 0.00                  |
| 11,900.0              | 2.18            | 315.12      | 11,893.6              | 238.1        | -237.1       | -234.5                  | 0.00                    | 0.00                   | 0.00                  |
| 11,990.1              | 2.18            | 315.12      | 11,983.7              | 240.5        | -239.5       | -236.9                  | 0.00                    | 0.00                   | 0.00                  |
| 12,000.0              | 1.98            | 315.12      | 11,993.6              | 240.8        | -239.8       | -237.2                  | 2.00                    | -2.00                  | 0.00                  |
| 12,099.0              | 0.00            | 0.00        | 12,092.5              | 242.0        | -241.0       | -238.4                  | 2.00                    | -2.00                  | 0.00                  |
| KOP (WW 22 FC #704H)  |                 |             |                       |              |              |                         |                         |                        |                       |
| 12,100.0              | 0.12            | 179.51      | 12,093.5              | 242.0        | -241.0       | -238.4                  | 12.00                   | 12.00                  | 0.00                  |
| 12,125.0              | 3.12            | 179.51      | 12,118.5              | 241.3        | -241.0       | -237.7                  | 12.00                   | 12.00                  | 0.00                  |
| 12,150.0              | 6.12            | 179.51      | 12,143.4              | 239.3        | -241.0       | -235.6                  | 12.00                   | 12.00                  | 0.00                  |
| 12,175.0              | 9.12            | 179.51      | 12,168.2              | 236.0        | -240.9       | -232.3                  | 12.00                   | 12.00                  | 0.00                  |
| 12,200.0              | 12.12           | 179.51      | 12,192.8              | 231.4        | -240.9       | -227.7                  | 12.00                   | 12.00                  | 0.00                  |
| 12,225.0              | 15.12           | 179.51      | 12,217.1              | 225.5        | -240.9       | -221.8                  | 12.00                   | 12.00                  | 0.00                  |
| 12,250.0              | 18.12           | 179.51      | 12,241.0              | 218.3        | -240.8       | -214.7                  | 12.00                   | 12.00                  | 0.00                  |
| 12,275.0              | 21.12           | 179.51      | 12,264.6              | 209.9        | -240.7       | -206.3                  | 12.00                   | 12.00                  | 0.00                  |
| 12,300.0              | 24.12           | 179.51      | 12,287.6              | 200.3        | -240.6       | -196.7                  | 12.00                   | 12.00                  | 0.00                  |
| 12,325.0              | 27.12           | 179.51      | 12,310.2              | 189.5        | -240.6       | -185.9                  | 12.00                   | 12.00                  | 0.00                  |
| 12,350.0              | 30.12           | 179.51      | 12,332.1              | 177.5        | -240.4       | -173.9                  | 12.00                   | 12.00                  | 0.00                  |
| 12,375.0              | 33.12           | 179.51      | 12,353.4              | 164.4        | -240.3       | -160.8                  | 12.00                   | 12.00                  | 0.00                  |
| 12,400.0              | 36.12           | 179.51      | 12,374.0              | 150.2        | -240.2       | -146.6                  | 12.00                   | 12.00                  | 0.00                  |
| 12,425.0              | 39.12           | 179.51      | 12,393.8              | 134.9        | -240.1       | -131.3                  | 12.00                   | 12.00                  | 0.00                  |
| 12,450.0              | 42.12           | 179.51      | 12,412.8              | 118.7        | -239.9       | -115.1                  | 12.00                   | 12.00                  | 0.00                  |
| 12,475.0              | 45.12           | 179.51      | 12,430.9              | 101.4        | -239.8       | -97.8                   | 12.00                   | 12.00                  | 0.00                  |
| 12,500.0              | 48.12           | 179.51      | 12,448.0              | 83.3         | -239.6       | -79.7                   | 12.00                   | 12.00                  | 0.00                  |
| FTP (WW 22 FC #704H)  |                 |             |                       |              |              |                         |                         |                        |                       |
| 12,525.0              | 51.12           | 179.51      | 12,464.2              | 64.2         | -239.5       | -60.6                   | 12.00                   | 12.00                  | 0.00                  |
| 12,550.0              | 54.12           | 179.51      | 12,479.4              | 44.4         | -239.3       | -40.8                   | 12.00                   | 12.00                  | 0.00                  |
| 12,575.0              | 57.12           | 179.51      | 12,493.5              | 23.7         | -239.1       | -20.1                   | 12.00                   | 12.00                  | 0.00                  |
| 12,600.0              | 60.12           | 179.51      | 12,506.5              | 2.4          | -239.0       | 1.2                     | 12.00                   | 12.00                  | 0.00                  |
| 12,625.0              | 63.12           | 179.51      | 12,518.4              | -19.6        | -238.8       | 23.2                    | 12.00                   | 12.00                  | 0.00                  |
| 12,650.0              | 66.12           | 179.51      | 12,529.1              | -42.2        | -238.6       | 45.8                    | 12.00                   | 12.00                  | 0.00                  |
| 12,675.0              | 69.12           | 179.51      | 12,538.6              | -65.3        | -238.4       | 68.9                    | 12.00                   | 12.00                  | 0.00                  |
| 12,700.0              | 72.12           | 179.51      | 12,546.9              | -88.9        | -238.2       | 92.4                    | 12.00                   | 12.00                  | 0.00                  |
| 12,725.0              | 75.12           | 179.51      | 12,554.0              | -112.9       | -238.0       | 116.4                   | 12.00                   | 12.00                  | 0.00                  |
| 12,750.0              | 78.12           | 179.51      | 12,559.7              | -137.2       | -237.8       | 140.7                   | 12.00                   | 12.00                  | 0.00                  |
| 12,775.0              | 81.12           | 179.51      | 12,564.2              | -161.8       | -237.5       | 165.3                   | 12.00                   | 12.00                  | 0.00                  |
| 12,800.0              | 84.12           | 179.51      | 12,567.5              | -186.6       | -237.3       | 190.1                   | 12.00                   | 12.00                  | 0.00                  |
| 12,825.0              | 87.12           | 179.51      | 12,569.4              | -211.5       | -237.1       | 215.0                   | 12.00                   | 12.00                  | 0.00                  |
| 12,849.0              | 90.00           | 179.51      | 12,570.0              | -235.4       | -236.9       | 239.0                   | 12.00                   | 12.00                  | 0.00                  |
| 12,900.0              | 90.00           | 179.51      | 12,570.0              | -286.5       | -236.5       | 290.0                   | 0.00                    | 0.00                   | 0.00                  |
| 13,000.0              | 90.00           | 179.51      | 12,570.0              | -386.5       | -235.6       | 390.0                   | 0.00                    | 0.00                   | 0.00                  |
| 13,100.0              | 90.00           | 179.51      | 12,570.0              | -486.5       | -234.8       | 489.9                   | 0.00                    | 0.00                   | 0.00                  |
| 13,200.0              | 90.00           | 179.51      | 12,570.0              | -586.5       | -233.9       | 589.9                   | 0.00                    | 0.00                   | 0.00                  |
| 13,300.0              | 90.00           | 179.51      | 12,570.0              | -686.5       | -233.1       | 689.9                   | 0.00                    | 0.00                   | 0.00                  |
| 13,400.0              | 90.00           | 179.51      | 12,570.0              | -786.5       | -232.2       | 789.8                   | 0.00                    | 0.00                   | 0.00                  |

|           |                             |                              |                      |
|-----------|-----------------------------|------------------------------|----------------------|
| Database: | EDM 5000.14                 | Local Co-ordinate Reference: | Well #704H           |
| Company:  | EOG Resources - Midland     | TVD Reference:               | KB = 25 @ 3364.0usft |
| Project:  | Lea County, NM (NAD 83 NME) | MD Reference:                | KB = 25 @ 3364.0usft |
| Site:     | Wild Weasel 22 Fed Com      | North Reference:             | Grid                 |
| Well:     | #704H                       | Survey Calculation Method:   | Minimum Curvature    |
| Wellbore: | OH                          |                              |                      |
| Design:   | Plan #0.1                   |                              |                      |

## Planned Survey

| Measured Depth (usft) | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Vertical Section (usft) | Dogleg Rate (°/100usft) | Build Rate (°/100usft) | Turn Rate (°/100usft) |
|-----------------------|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|-------------------------|------------------------|-----------------------|
| 13,500.0              | 90.00           | 179.51      | 12,570.0              | -886.5       | -231.4       | 889.8                   | 0.00                    | 0.00                   | 0.00                  |
| 13,600.0              | 90.00           | 179.51      | 12,570.0              | -986.5       | -230.5       | 989.8                   | 0.00                    | 0.00                   | 0.00                  |
| 13,700.0              | 90.00           | 179.51      | 12,570.0              | -1,086.5     | -229.6       | 1,089.8                 | 0.00                    | 0.00                   | 0.00                  |
| 13,800.0              | 90.00           | 179.51      | 12,570.0              | -1,186.4     | -228.8       | 1,189.7                 | 0.00                    | 0.00                   | 0.00                  |
| 13,900.0              | 90.00           | 179.51      | 12,570.0              | -1,286.4     | -227.9       | 1,289.7                 | 0.00                    | 0.00                   | 0.00                  |
| 14,000.0              | 90.00           | 179.51      | 12,570.0              | -1,386.4     | -227.1       | 1,389.7                 | 0.00                    | 0.00                   | 0.00                  |
| 14,100.0              | 90.00           | 179.51      | 12,570.0              | -1,486.4     | -226.2       | 1,489.7                 | 0.00                    | 0.00                   | 0.00                  |
| 14,200.0              | 90.00           | 179.51      | 12,570.0              | -1,586.4     | -225.4       | 1,589.6                 | 0.00                    | 0.00                   | 0.00                  |
| 14,300.0              | 90.00           | 179.51      | 12,570.0              | -1,686.4     | -224.5       | 1,689.6                 | 0.00                    | 0.00                   | 0.00                  |
| 14,400.0              | 90.00           | 179.51      | 12,570.0              | -1,786.4     | -223.7       | 1,789.6                 | 0.00                    | 0.00                   | 0.00                  |
| 14,500.0              | 90.00           | 179.51      | 12,570.0              | -1,886.4     | -222.8       | 1,889.5                 | 0.00                    | 0.00                   | 0.00                  |
| 14,600.0              | 90.00           | 179.51      | 12,570.0              | -1,986.4     | -221.9       | 1,989.5                 | 0.00                    | 0.00                   | 0.00                  |
| 14,700.0              | 90.00           | 179.51      | 12,570.0              | -2,086.4     | -221.1       | 2,089.5                 | 0.00                    | 0.00                   | 0.00                  |
| 14,800.0              | 90.00           | 179.51      | 12,570.0              | -2,186.4     | -220.2       | 2,189.5                 | 0.00                    | 0.00                   | 0.00                  |
| 14,900.0              | 90.00           | 179.51      | 12,570.0              | -2,286.4     | -219.4       | 2,289.4                 | 0.00                    | 0.00                   | 0.00                  |
| 15,000.0              | 90.00           | 179.51      | 12,570.0              | -2,386.4     | -218.5       | 2,389.4                 | 0.00                    | 0.00                   | 0.00                  |
| 15,100.0              | 90.00           | 179.51      | 12,570.0              | -2,486.4     | -217.7       | 2,489.4                 | 0.00                    | 0.00                   | 0.00                  |
| 15,200.0              | 90.00           | 179.51      | 12,570.0              | -2,586.4     | -216.8       | 2,589.4                 | 0.00                    | 0.00                   | 0.00                  |
| 15,300.0              | 90.00           | 179.51      | 12,570.0              | -2,686.4     | -216.0       | 2,689.3                 | 0.00                    | 0.00                   | 0.00                  |
| 15,400.0              | 90.00           | 179.51      | 12,570.0              | -2,786.4     | -215.1       | 2,789.3                 | 0.00                    | 0.00                   | 0.00                  |
| 15,500.0              | 90.00           | 179.51      | 12,570.0              | -2,886.4     | -214.2       | 2,889.3                 | 0.00                    | 0.00                   | 0.00                  |
| 15,600.0              | 90.00           | 179.51      | 12,570.0              | -2,986.4     | -213.4       | 2,989.2                 | 0.00                    | 0.00                   | 0.00                  |
| 15,700.0              | 90.00           | 179.51      | 12,570.0              | -3,086.4     | -212.5       | 3,089.2                 | 0.00                    | 0.00                   | 0.00                  |
| 15,800.0              | 90.00           | 179.51      | 12,570.0              | -3,186.4     | -211.7       | 3,189.2                 | 0.00                    | 0.00                   | 0.00                  |
| 15,900.0              | 90.00           | 179.51      | 12,570.0              | -3,286.4     | -210.8       | 3,289.2                 | 0.00                    | 0.00                   | 0.00                  |
| 16,000.0              | 90.00           | 179.51      | 12,570.0              | -3,386.4     | -210.0       | 3,389.1                 | 0.00                    | 0.00                   | 0.00                  |
| 16,100.0              | 90.00           | 179.51      | 12,570.0              | -3,486.4     | -209.1       | 3,489.1                 | 0.00                    | 0.00                   | 0.00                  |
| 16,200.0              | 90.00           | 179.51      | 12,570.0              | -3,586.4     | -208.3       | 3,589.1                 | 0.00                    | 0.00                   | 0.00                  |
| 16,300.0              | 90.00           | 179.51      | 12,570.0              | -3,686.4     | -207.4       | 3,689.0                 | 0.00                    | 0.00                   | 0.00                  |
| 16,400.0              | 90.00           | 179.51      | 12,570.0              | -3,786.4     | -206.6       | 3,789.0                 | 0.00                    | 0.00                   | 0.00                  |
| 16,500.0              | 90.00           | 179.51      | 12,570.0              | -3,886.4     | -205.7       | 3,889.0                 | 0.00                    | 0.00                   | 0.00                  |
| 16,600.0              | 90.00           | 179.51      | 12,570.0              | -3,986.3     | -204.8       | 3,989.0                 | 0.00                    | 0.00                   | 0.00                  |
| 16,700.0              | 90.00           | 179.51      | 12,570.0              | -4,086.3     | -204.0       | 4,088.9                 | 0.00                    | 0.00                   | 0.00                  |
| 16,800.0              | 90.00           | 179.51      | 12,570.0              | -4,186.3     | -203.1       | 4,188.9                 | 0.00                    | 0.00                   | 0.00                  |
| 16,900.0              | 90.00           | 179.51      | 12,570.0              | -4,286.3     | -202.3       | 4,288.9                 | 0.00                    | 0.00                   | 0.00                  |
| 17,000.0              | 90.00           | 179.51      | 12,570.0              | -4,386.3     | -201.4       | 4,388.9                 | 0.00                    | 0.00                   | 0.00                  |
| 17,100.0              | 90.00           | 179.51      | 12,570.0              | -4,486.3     | -200.6       | 4,488.8                 | 0.00                    | 0.00                   | 0.00                  |
| 17,200.0              | 90.00           | 179.51      | 12,570.0              | -4,586.3     | -199.7       | 4,588.8                 | 0.00                    | 0.00                   | 0.00                  |
| 17,300.0              | 90.00           | 179.51      | 12,570.0              | -4,686.3     | -198.9       | 4,688.8                 | 0.00                    | 0.00                   | 0.00                  |
| 17,400.0              | 90.00           | 179.51      | 12,570.0              | -4,786.3     | -198.0       | 4,788.7                 | 0.00                    | 0.00                   | 0.00                  |
| 17,500.0              | 90.00           | 179.51      | 12,570.0              | -4,886.3     | -197.1       | 4,888.7                 | 0.00                    | 0.00                   | 0.00                  |
| 17,600.0              | 90.00           | 179.51      | 12,570.0              | -4,986.3     | -196.3       | 4,988.7                 | 0.00                    | 0.00                   | 0.00                  |
| 17,700.0              | 90.00           | 179.51      | 12,570.0              | -5,086.3     | -195.4       | 5,088.7                 | 0.00                    | 0.00                   | 0.00                  |
| 17,800.0              | 90.00           | 179.51      | 12,570.0              | -5,186.3     | -194.6       | 5,188.6                 | 0.00                    | 0.00                   | 0.00                  |
| 17,900.0              | 90.00           | 179.51      | 12,570.0              | -5,286.3     | -193.7       | 5,288.6                 | 0.00                    | 0.00                   | 0.00                  |
| 18,000.0              | 90.00           | 179.51      | 12,570.0              | -5,386.3     | -192.9       | 5,388.6                 | 0.00                    | 0.00                   | 0.00                  |
| 18,100.0              | 90.00           | 179.51      | 12,570.0              | -5,486.3     | -192.0       | 5,488.5                 | 0.00                    | 0.00                   | 0.00                  |
| 18,200.0              | 90.00           | 179.51      | 12,570.0              | -5,586.3     | -191.2       | 5,588.5                 | 0.00                    | 0.00                   | 0.00                  |
| 18,300.0              | 90.00           | 179.51      | 12,570.0              | -5,686.3     | -190.3       | 5,688.5                 | 0.00                    | 0.00                   | 0.00                  |
| 18,400.0              | 90.00           | 179.51      | 12,570.0              | -5,786.3     | -189.5       | 5,788.5                 | 0.00                    | 0.00                   | 0.00                  |
| 18,500.0              | 90.00           | 179.51      | 12,570.0              | -5,886.3     | -188.6       | 5,888.4                 | 0.00                    | 0.00                   | 0.00                  |
| 18,600.0              | 90.00           | 179.51      | 12,570.0              | -5,986.3     | -187.7       | 5,988.4                 | 0.00                    | 0.00                   | 0.00                  |
| 18,700.0              | 90.00           | 179.51      | 12,570.0              | -6,086.3     | -186.9       | 6,088.4                 | 0.00                    | 0.00                   | 0.00                  |
| 18,800.0              | 90.00           | 179.51      | 12,570.0              | -6,186.3     | -186.0       | 6,188.4                 | 0.00                    | 0.00                   | 0.00                  |

|                  |                             |                                     |                      |
|------------------|-----------------------------|-------------------------------------|----------------------|
| <b>Database:</b> | EDM 5000.14                 | <b>Local Co-ordinate Reference:</b> | Well #704H           |
| <b>Company:</b>  | EOG Resources - Midland     | <b>TVD Reference:</b>               | KB = 25 @ 3364.0usft |
| <b>Project:</b>  | Lea County, NM (NAD 83 NME) | <b>MD Reference:</b>                | KB = 25 @ 3364.0usft |
| <b>Site:</b>     | Wild Weasel 22 Fed Com      | <b>North Reference:</b>             | Grid                 |
| <b>Well:</b>     | #704H                       | <b>Survey Calculation Method:</b>   | Minimum Curvature    |
| <b>Wellbore:</b> | OH                          |                                     |                      |
| <b>Design:</b>   | Plan #0.1                   |                                     |                      |

| Planned Survey        |                 |             |                       |              |              |                         |                         |                        |                       |
|-----------------------|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|-------------------------|------------------------|-----------------------|
| Measured Depth (usft) | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Vertical Section (usft) | Dogleg Rate (°/100usft) | Build Rate (°/100usft) | Turn Rate (°/100usft) |
| 18,900.0              | 90.00           | 179.51      | 12,570.0              | -6,286.3     | -185.2       | 6,288.3                 | 0.00                    | 0.00                   | 0.00                  |
| 19,000.0              | 90.00           | 179.51      | 12,570.0              | -6,386.3     | -184.3       | 6,388.3                 | 0.00                    | 0.00                   | 0.00                  |
| 19,100.0              | 90.00           | 179.51      | 12,570.0              | -6,486.3     | -183.5       | 6,488.3                 | 0.00                    | 0.00                   | 0.00                  |
| 19,200.0              | 90.00           | 179.51      | 12,570.0              | -6,586.3     | -182.6       | 6,588.2                 | 0.00                    | 0.00                   | 0.00                  |
| 19,300.0              | 90.00           | 179.51      | 12,570.0              | -6,686.2     | -181.8       | 6,688.2                 | 0.00                    | 0.00                   | 0.00                  |
| 19,400.0              | 90.00           | 179.51      | 12,570.0              | -6,786.2     | -180.9       | 6,788.2                 | 0.00                    | 0.00                   | 0.00                  |
| 19,500.0              | 90.00           | 179.51      | 12,570.0              | -6,886.2     | -180.0       | 6,888.2                 | 0.00                    | 0.00                   | 0.00                  |
| 19,600.0              | 90.00           | 179.51      | 12,570.0              | -6,986.2     | -179.2       | 6,988.1                 | 0.00                    | 0.00                   | 0.00                  |
| 19,700.0              | 90.00           | 179.51      | 12,570.0              | -7,086.2     | -178.3       | 7,088.1                 | 0.00                    | 0.00                   | 0.00                  |
| 19,800.0              | 90.00           | 179.51      | 12,570.0              | -7,186.2     | -177.5       | 7,188.1                 | 0.00                    | 0.00                   | 0.00                  |
| 19,900.0              | 90.00           | 179.51      | 12,570.0              | -7,286.2     | -176.6       | 7,288.1                 | 0.00                    | 0.00                   | 0.00                  |
| 20,000.0              | 90.00           | 179.51      | 12,570.0              | -7,386.2     | -175.8       | 7,388.0                 | 0.00                    | 0.00                   | 0.00                  |
| 20,100.0              | 90.00           | 179.51      | 12,570.0              | -7,486.2     | -174.9       | 7,488.0                 | 0.00                    | 0.00                   | 0.00                  |
| 20,200.0              | 90.00           | 179.51      | 12,570.0              | -7,586.2     | -174.1       | 7,588.0                 | 0.00                    | 0.00                   | 0.00                  |
| 20,300.0              | 90.00           | 179.51      | 12,570.0              | -7,686.2     | -173.2       | 7,687.9                 | 0.00                    | 0.00                   | 0.00                  |
| 20,400.0              | 90.00           | 179.51      | 12,570.0              | -7,786.2     | -172.3       | 7,787.9                 | 0.00                    | 0.00                   | 0.00                  |
| 20,500.0              | 90.00           | 179.51      | 12,570.0              | -7,886.2     | -171.5       | 7,887.9                 | 0.00                    | 0.00                   | 0.00                  |
| 20,600.0              | 90.00           | 179.51      | 12,570.0              | -7,986.2     | -170.6       | 7,987.9                 | 0.00                    | 0.00                   | 0.00                  |
| 20,700.0              | 90.00           | 179.51      | 12,570.0              | -8,086.2     | -169.8       | 8,087.8                 | 0.00                    | 0.00                   | 0.00                  |
| 20,800.0              | 90.00           | 179.51      | 12,570.0              | -8,186.2     | -168.9       | 8,187.8                 | 0.00                    | 0.00                   | 0.00                  |
| 20,900.0              | 90.00           | 179.51      | 12,570.0              | -8,286.2     | -168.1       | 8,287.8                 | 0.00                    | 0.00                   | 0.00                  |
| 21,000.0              | 90.00           | 179.51      | 12,570.0              | -8,386.2     | -167.2       | 8,387.7                 | 0.00                    | 0.00                   | 0.00                  |
| 21,100.0              | 90.00           | 179.51      | 12,570.0              | -8,486.2     | -166.4       | 8,487.7                 | 0.00                    | 0.00                   | 0.00                  |
| 21,200.0              | 90.00           | 179.51      | 12,570.0              | -8,586.2     | -165.5       | 8,587.7                 | 0.00                    | 0.00                   | 0.00                  |
| 21,300.0              | 90.00           | 179.51      | 12,570.0              | -8,686.2     | -164.7       | 8,687.7                 | 0.00                    | 0.00                   | 0.00                  |
| 21,400.0              | 90.00           | 179.51      | 12,570.0              | -8,786.2     | -163.8       | 8,787.6                 | 0.00                    | 0.00                   | 0.00                  |
| 21,500.0              | 90.00           | 179.51      | 12,570.0              | -8,886.2     | -162.9       | 8,887.6                 | 0.00                    | 0.00                   | 0.00                  |
| 21,600.0              | 90.00           | 179.51      | 12,570.0              | -8,986.2     | -162.1       | 8,987.6                 | 0.00                    | 0.00                   | 0.00                  |
| 21,700.0              | 90.00           | 179.51      | 12,570.0              | -9,086.2     | -161.2       | 9,087.6                 | 0.00                    | 0.00                   | 0.00                  |
| 21,800.0              | 90.00           | 179.51      | 12,570.0              | -9,186.2     | -160.4       | 9,187.5                 | 0.00                    | 0.00                   | 0.00                  |
| 21,900.0              | 90.00           | 179.51      | 12,570.0              | -9,286.2     | -159.5       | 9,287.5                 | 0.00                    | 0.00                   | 0.00                  |
| 22,000.0              | 90.00           | 179.51      | 12,570.0              | -9,386.1     | -158.7       | 9,387.5                 | 0.00                    | 0.00                   | 0.00                  |
| 22,100.0              | 90.00           | 179.51      | 12,570.0              | -9,486.1     | -157.8       | 9,487.4                 | 0.00                    | 0.00                   | 0.00                  |
| 22,200.0              | 90.00           | 179.51      | 12,570.0              | -9,586.1     | -157.0       | 9,587.4                 | 0.00                    | 0.00                   | 0.00                  |
| 22,300.0              | 90.00           | 179.51      | 12,570.0              | -9,686.1     | -156.1       | 9,687.4                 | 0.00                    | 0.00                   | 0.00                  |
| 22,400.0              | 90.00           | 179.51      | 12,570.0              | -9,786.1     | -155.2       | 9,787.4                 | 0.00                    | 0.00                   | 0.00                  |
| 22,500.0              | 90.00           | 179.51      | 12,570.0              | -9,886.1     | -154.4       | 9,887.3                 | 0.00                    | 0.00                   | 0.00                  |
| 22,600.0              | 90.00           | 179.51      | 12,570.0              | -9,986.1     | -153.5       | 9,987.3                 | 0.00                    | 0.00                   | 0.00                  |
| 22,700.0              | 90.00           | 179.51      | 12,570.0              | -10,086.1    | -152.7       | 10,087.3                | 0.00                    | 0.00                   | 0.00                  |
| 22,779.9              | 90.00           | 179.51      | 12,570.0              | -10,166.0    | -152.0       | 10,167.1                | 0.00                    | 0.00                   | 0.00                  |
| PBHL (WW 22 FC #704H) |                 |             |                       |              |              |                         |                         |                        |                       |

|                  |                             |                                     |                      |
|------------------|-----------------------------|-------------------------------------|----------------------|
| <b>Database:</b> | EDM 5000.14                 | <b>Local Co-ordinate Reference:</b> | Well #704H           |
| <b>Company:</b>  | EOG Resources - Midland     | <b>TVD Reference:</b>               | KB = 25 @ 3364.0usft |
| <b>Project:</b>  | Lea County, NM (NAD 83 NME) | <b>MD Reference:</b>                | KB = 25 @ 3364.0usft |
| <b>Site:</b>     | Wild Weasel 22 Fed Com      | <b>North Reference:</b>             | Grid                 |
| <b>Well:</b>     | #704H                       | <b>Survey Calculation Method:</b>   | Minimum Curvature    |
| <b>Wellbore:</b> | OH                          |                                     |                      |
| <b>Design:</b>   | Plan #0.1                   |                                     |                      |

| Design Targets                                                                                                                |                  |                 |               |                 |                 |                    |                   |                 |                   |
|-------------------------------------------------------------------------------------------------------------------------------|------------------|-----------------|---------------|-----------------|-----------------|--------------------|-------------------|-----------------|-------------------|
| Target Name<br>- hit/miss target<br>- Shape                                                                                   | Dip Angle<br>(°) | Dip Dir.<br>(°) | TVD<br>(usft) | +N/-S<br>(usft) | +E/-W<br>(usft) | Northing<br>(usft) | Easting<br>(usft) | Latitude        | Longitude         |
| KOP (WW 22 FC #704H<br>- plan hits target center<br>- Point                                                                   | 0.00             | 0.00            | 12,092.5      | 242.0           | -241.0          | 409,639.00         | 813,708.00        | 32° 7' 23.231 N | 103° 27' 12.681 W |
| PBHL (WW 22 FC #704H<br>- plan hits target center<br>- Point                                                                  | 0.00             | 0.00            | 12,570.0      | -10,166.0       | -152.0          | 399,231.00         | 813,797.00        | 32° 5' 40.236 N | 103° 27' 12.634 W |
| FTP (WW 22 FC #704H)<br>- plan misses target center by 163.4usft at 12500.0usft MD (12448.0 TVD, 83.3 N, -239.6 E)<br>- Point | 0.00             | 0.00            | 12,570.0      | 192.0           | -241.0          | 409,589.00         | 813,708.00        | 32° 7' 22.736 N | 103° 27' 12.685 W |