



## **EOG Resources - Midland**

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

**Wild Weasel 22 Fed Com**

**#709H**

**OH**

**Plan: Plan #0.1**

## **Standard Planning Report**

**30 August, 2018**

|                  |                             |                                     |                      |
|------------------|-----------------------------|-------------------------------------|----------------------|
| <b>Database:</b> | EDM 5000.14                 | <b>Local Co-ordinate Reference:</b> | Well #709H           |
| <b>Company:</b>  | EOG Resources - Midland     | <b>TVD Reference:</b>               | KB = 25 @ 3379.0usft |
| <b>Project:</b>  | Lea County, NM (NAD 83 NME) | <b>MD Reference:</b>                | KB = 25 @ 3379.0usft |
| <b>Site:</b>     | Wild Weasel 22 Fed Com      | <b>North Reference:</b>             | Grid                 |
| <b>Well:</b>     | #709H                       | <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                 | #709H |               |                     |                 |               |                   |
| Well Position        | +N/-S | -201.0 usft   | Northing:           | 409,233.00 usft | Latitude:     | 32° 7' 19.330 N   |
|                      | +E/-W | -2,245.0 usft | Easting:            | 812,265.00 usft | Longitude:    | 103° 27' 29.498 W |
| Position Uncertainty |       | 0.0 usft      | Wellhead Elevation: |                 | Ground Level: | 3,354.0 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                | 47,766.85873920            |

|                          |                                |                     |                      |                      |
|--------------------------|--------------------------------|---------------------|----------------------|----------------------|
| <b>Design</b>            | Plan #0.1                      |                     |                      |                      |
| <b>Audit Notes:</b>      |                                |                     |                      |                      |
| <b>Version:</b>          | <b>Phase:</b>                  | PLAN                | <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                  | 180.74               |

|                                 |                        |                          |                  |                     |
|---------------------------------|------------------------|--------------------------|------------------|---------------------|
| <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                    | 22,803.7                 | 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           |                     |
| 3,144.2                      | 2.88                   | 330.71             | 3,144.2                      | 3.2                 | -1.8                | 2.00                           | 2.00                          | 0.00                         | 330.71         |                     |
| 11,977.6                     | 2.88                   | 330.71             | 11,966.3                     | 390.8               | -219.2              | 0.00                           | 0.00                          | 0.00                         | 0.00           |                     |
| 12,121.8                     | 0.00                   | 0.00               | 12,110.5                     | 394.0               | -221.0              | 2.00                           | -2.00                         | 0.00                         | 180.00         | KOP (WW 22 FC #70)  |
| 12,871.8                     | 90.00                  | 179.50             | 12,588.0                     | -83.4               | -216.8              | 12.00                          | 12.00                         | 23.93                        | 179.50         |                     |
| 22,803.7                     | 90.00                  | 179.50             | 12,588.0                     | -10,015.0           | -130.0              | 0.00                           | 0.00                          | 0.00                         | 0.00           | PBHL (WW 22 FC #71) |

|           |                             |                              |                      |
|-----------|-----------------------------|------------------------------|----------------------|
| Database: | EDM 5000.14                 | Local Co-ordinate Reference: | Well #709H           |
| Company:  | EOG Resources - Midland     | TVD Reference:               | KB = 25 @ 3379.0usft |
| Project:  | Lea County, NM (NAD 83 NME) | MD Reference:                | KB = 25 @ 3379.0usft |
| Site:     | Wild Weasel 22 Fed Com      | North Reference:             | Grid                 |
| Well:     | #709H                       | 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                  |
| 3,100.0               | 2.00            | 330.71      | 3,100.0               | 1.5          | -0.9         | -1.5                    | 2.00                    | 2.00                   | 0.00                  |
| 3,144.2               | 2.88            | 330.71      | 3,144.2               | 3.2          | -1.8         | -3.1                    | 2.00                    | 2.00                   | 0.00                  |
| 3,200.0               | 2.88            | 330.71      | 3,199.9               | 5.6          | -3.1         | -5.6                    | 0.00                    | 0.00                   | 0.00                  |
| 3,300.0               | 2.88            | 330.71      | 3,299.7               | 10.0         | -5.6         | -9.9                    | 0.00                    | 0.00                   | 0.00                  |
| 3,400.0               | 2.88            | 330.71      | 3,399.6               | 14.4         | -8.1         | -14.3                   | 0.00                    | 0.00                   | 0.00                  |
| 3,500.0               | 2.88            | 330.71      | 3,499.5               | 18.8         | -10.5        | -18.6                   | 0.00                    | 0.00                   | 0.00                  |
| 3,600.0               | 2.88            | 330.71      | 3,599.4               | 23.2         | -13.0        | -23.0                   | 0.00                    | 0.00                   | 0.00                  |
| 3,700.0               | 2.88            | 330.71      | 3,699.2               | 27.6         | -15.5        | -27.4                   | 0.00                    | 0.00                   | 0.00                  |
| 3,800.0               | 2.88            | 330.71      | 3,799.1               | 31.9         | -17.9        | -31.7                   | 0.00                    | 0.00                   | 0.00                  |
| 3,900.0               | 2.88            | 330.71      | 3,899.0               | 36.3         | -20.4        | -36.1                   | 0.00                    | 0.00                   | 0.00                  |
| 4,000.0               | 2.88            | 330.71      | 3,998.9               | 40.7         | -22.8        | -40.4                   | 0.00                    | 0.00                   | 0.00                  |
| 4,100.0               | 2.88            | 330.71      | 4,098.7               | 45.1         | -25.3        | -44.8                   | 0.00                    | 0.00                   | 0.00                  |
| 4,200.0               | 2.88            | 330.71      | 4,198.6               | 49.5         | -27.8        | -49.1                   | 0.00                    | 0.00                   | 0.00                  |
| 4,300.0               | 2.88            | 330.71      | 4,298.5               | 53.9         | -30.2        | -53.5                   | 0.00                    | 0.00                   | 0.00                  |
| 4,400.0               | 2.88            | 330.71      | 4,398.3               | 58.3         | -32.7        | -57.8                   | 0.00                    | 0.00                   | 0.00                  |
| 4,500.0               | 2.88            | 330.71      | 4,498.2               | 62.7         | -35.2        | -62.2                   | 0.00                    | 0.00                   | 0.00                  |
| 4,600.0               | 2.88            | 330.71      | 4,598.1               | 67.1         | -37.6        | -66.6                   | 0.00                    | 0.00                   | 0.00                  |
| 4,700.0               | 2.88            | 330.71      | 4,698.0               | 71.4         | -40.1        | -70.9                   | 0.00                    | 0.00                   | 0.00                  |
| 4,800.0               | 2.88            | 330.71      | 4,797.8               | 75.8         | -42.5        | -75.3                   | 0.00                    | 0.00                   | 0.00                  |
| 4,900.0               | 2.88            | 330.71      | 4,897.7               | 80.2         | -45.0        | -79.6                   | 0.00                    | 0.00                   | 0.00                  |
| 5,000.0               | 2.88            | 330.71      | 4,997.6               | 84.6         | -47.5        | -84.0                   | 0.00                    | 0.00                   | 0.00                  |
| 5,100.0               | 2.88            | 330.71      | 5,097.5               | 89.0         | -49.9        | -88.3                   | 0.00                    | 0.00                   | 0.00                  |
| 5,200.0               | 2.88            | 330.71      | 5,197.3               | 93.4         | -52.4        | -92.7                   | 0.00                    | 0.00                   | 0.00                  |

|                  |                             |                                     |                      |
|------------------|-----------------------------|-------------------------------------|----------------------|
| <b>Database:</b> | EDM 5000.14                 | <b>Local Co-ordinate Reference:</b> | Well #709H           |
| <b>Company:</b>  | EOG Resources - Midland     | <b>TVD Reference:</b>               | KB = 25 @ 3379.0usft |
| <b>Project:</b>  | Lea County, NM (NAD 83 NME) | <b>MD Reference:</b>                | KB = 25 @ 3379.0usft |
| <b>Site:</b>     | Wild Weasel 22 Fed Com      | <b>North Reference:</b>             | Grid                 |
| <b>Well:</b>     | #709H                       | <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) |
| 5,300.0               | 2.88            | 330.71      | 5,297.2               | 97.8         | -54.8        | -97.1                   | 0.00                    | 0.00                   | 0.00                  |
| 5,400.0               | 2.88            | 330.71      | 5,397.1               | 102.2        | -57.3        | -101.4                  | 0.00                    | 0.00                   | 0.00                  |
| 5,500.0               | 2.88            | 330.71      | 5,497.0               | 106.6        | -59.8        | -105.8                  | 0.00                    | 0.00                   | 0.00                  |
| 5,600.0               | 2.88            | 330.71      | 5,596.8               | 110.9        | -62.2        | -110.1                  | 0.00                    | 0.00                   | 0.00                  |
| 5,700.0               | 2.88            | 330.71      | 5,696.7               | 115.3        | -64.7        | -114.5                  | 0.00                    | 0.00                   | 0.00                  |
| 5,800.0               | 2.88            | 330.71      | 5,796.6               | 119.7        | -67.2        | -118.8                  | 0.00                    | 0.00                   | 0.00                  |
| 5,900.0               | 2.88            | 330.71      | 5,896.4               | 124.1        | -69.6        | -123.2                  | 0.00                    | 0.00                   | 0.00                  |
| 6,000.0               | 2.88            | 330.71      | 5,996.3               | 128.5        | -72.1        | -127.6                  | 0.00                    | 0.00                   | 0.00                  |
| 6,100.0               | 2.88            | 330.71      | 6,096.2               | 132.9        | -74.5        | -131.9                  | 0.00                    | 0.00                   | 0.00                  |
| 6,200.0               | 2.88            | 330.71      | 6,196.1               | 137.3        | -77.0        | -136.3                  | 0.00                    | 0.00                   | 0.00                  |
| 6,300.0               | 2.88            | 330.71      | 6,295.9               | 141.7        | -79.5        | -140.6                  | 0.00                    | 0.00                   | 0.00                  |
| 6,400.0               | 2.88            | 330.71      | 6,395.8               | 146.1        | -81.9        | -145.0                  | 0.00                    | 0.00                   | 0.00                  |
| 6,500.0               | 2.88            | 330.71      | 6,495.7               | 150.4        | -84.4        | -149.3                  | 0.00                    | 0.00                   | 0.00                  |
| 6,600.0               | 2.88            | 330.71      | 6,595.6               | 154.8        | -86.8        | -153.7                  | 0.00                    | 0.00                   | 0.00                  |
| 6,700.0               | 2.88            | 330.71      | 6,695.4               | 159.2        | -89.3        | -158.0                  | 0.00                    | 0.00                   | 0.00                  |
| 6,800.0               | 2.88            | 330.71      | 6,795.3               | 163.6        | -91.8        | -162.4                  | 0.00                    | 0.00                   | 0.00                  |
| 6,900.0               | 2.88            | 330.71      | 6,895.2               | 168.0        | -94.2        | -166.8                  | 0.00                    | 0.00                   | 0.00                  |
| 7,000.0               | 2.88            | 330.71      | 6,995.1               | 172.4        | -96.7        | -171.1                  | 0.00                    | 0.00                   | 0.00                  |
| 7,100.0               | 2.88            | 330.71      | 7,094.9               | 176.8        | -99.2        | -175.5                  | 0.00                    | 0.00                   | 0.00                  |
| 7,200.0               | 2.88            | 330.71      | 7,194.8               | 181.2        | -101.6       | -179.8                  | 0.00                    | 0.00                   | 0.00                  |
| 7,300.0               | 2.88            | 330.71      | 7,294.7               | 185.5        | -104.1       | -184.2                  | 0.00                    | 0.00                   | 0.00                  |
| 7,400.0               | 2.88            | 330.71      | 7,394.5               | 189.9        | -106.5       | -188.5                  | 0.00                    | 0.00                   | 0.00                  |
| 7,500.0               | 2.88            | 330.71      | 7,494.4               | 194.3        | -109.0       | -192.9                  | 0.00                    | 0.00                   | 0.00                  |
| 7,600.0               | 2.88            | 330.71      | 7,594.3               | 198.7        | -111.5       | -197.3                  | 0.00                    | 0.00                   | 0.00                  |
| 7,700.0               | 2.88            | 330.71      | 7,694.2               | 203.1        | -113.9       | -201.6                  | 0.00                    | 0.00                   | 0.00                  |
| 7,800.0               | 2.88            | 330.71      | 7,794.0               | 207.5        | -116.4       | -206.0                  | 0.00                    | 0.00                   | 0.00                  |
| 7,900.0               | 2.88            | 330.71      | 7,893.9               | 211.9        | -118.8       | -210.3                  | 0.00                    | 0.00                   | 0.00                  |
| 8,000.0               | 2.88            | 330.71      | 7,993.8               | 216.3        | -121.3       | -214.7                  | 0.00                    | 0.00                   | 0.00                  |
| 8,100.0               | 2.88            | 330.71      | 8,093.7               | 220.7        | -123.8       | -219.0                  | 0.00                    | 0.00                   | 0.00                  |
| 8,200.0               | 2.88            | 330.71      | 8,193.5               | 225.0        | -126.2       | -223.4                  | 0.00                    | 0.00                   | 0.00                  |
| 8,300.0               | 2.88            | 330.71      | 8,293.4               | 229.4        | -128.7       | -227.7                  | 0.00                    | 0.00                   | 0.00                  |
| 8,400.0               | 2.88            | 330.71      | 8,393.3               | 233.8        | -131.2       | -232.1                  | 0.00                    | 0.00                   | 0.00                  |
| 8,500.0               | 2.88            | 330.71      | 8,493.2               | 238.2        | -133.6       | -236.5                  | 0.00                    | 0.00                   | 0.00                  |
| 8,600.0               | 2.88            | 330.71      | 8,593.0               | 242.6        | -136.1       | -240.8                  | 0.00                    | 0.00                   | 0.00                  |
| 8,700.0               | 2.88            | 330.71      | 8,692.9               | 247.0        | -138.5       | -245.2                  | 0.00                    | 0.00                   | 0.00                  |
| 8,800.0               | 2.88            | 330.71      | 8,792.8               | 251.4        | -141.0       | -249.5                  | 0.00                    | 0.00                   | 0.00                  |
| 8,900.0               | 2.88            | 330.71      | 8,892.6               | 255.8        | -143.5       | -253.9                  | 0.00                    | 0.00                   | 0.00                  |
| 9,000.0               | 2.88            | 330.71      | 8,992.5               | 260.2        | -145.9       | -258.2                  | 0.00                    | 0.00                   | 0.00                  |
| 9,100.0               | 2.88            | 330.71      | 9,092.4               | 264.5        | -148.4       | -262.6                  | 0.00                    | 0.00                   | 0.00                  |
| 9,200.0               | 2.88            | 330.71      | 9,192.3               | 268.9        | -150.8       | -267.0                  | 0.00                    | 0.00                   | 0.00                  |
| 9,300.0               | 2.88            | 330.71      | 9,292.1               | 273.3        | -153.3       | -271.3                  | 0.00                    | 0.00                   | 0.00                  |
| 9,400.0               | 2.88            | 330.71      | 9,392.0               | 277.7        | -155.8       | -275.7                  | 0.00                    | 0.00                   | 0.00                  |
| 9,500.0               | 2.88            | 330.71      | 9,491.9               | 282.1        | -158.2       | -280.0                  | 0.00                    | 0.00                   | 0.00                  |
| 9,600.0               | 2.88            | 330.71      | 9,591.8               | 286.5        | -160.7       | -284.4                  | 0.00                    | 0.00                   | 0.00                  |
| 9,700.0               | 2.88            | 330.71      | 9,691.6               | 290.9        | -163.2       | -288.7                  | 0.00                    | 0.00                   | 0.00                  |
| 9,800.0               | 2.88            | 330.71      | 9,791.5               | 295.3        | -165.6       | -293.1                  | 0.00                    | 0.00                   | 0.00                  |
| 9,900.0               | 2.88            | 330.71      | 9,891.4               | 299.7        | -168.1       | -297.4                  | 0.00                    | 0.00                   | 0.00                  |
| 10,000.0              | 2.88            | 330.71      | 9,991.3               | 304.0        | -170.5       | -301.8                  | 0.00                    | 0.00                   | 0.00                  |
| 10,100.0              | 2.88            | 330.71      | 10,091.1              | 308.4        | -173.0       | -306.2                  | 0.00                    | 0.00                   | 0.00                  |
| 10,200.0              | 2.88            | 330.71      | 10,191.0              | 312.8        | -175.5       | -310.5                  | 0.00                    | 0.00                   | 0.00                  |
| 10,300.0              | 2.88            | 330.71      | 10,290.9              | 317.2        | -177.9       | -314.9                  | 0.00                    | 0.00                   | 0.00                  |
| 10,400.0              | 2.88            | 330.71      | 10,390.7              | 321.6        | -180.4       | -319.2                  | 0.00                    | 0.00                   | 0.00                  |
| 10,500.0              | 2.88            | 330.71      | 10,490.6              | 326.0        | -182.9       | -323.6                  | 0.00                    | 0.00                   | 0.00                  |
| 10,600.0              | 2.88            | 330.71      | 10,590.5              | 330.4        | -185.3       | -327.9                  | 0.00                    | 0.00                   | 0.00                  |

|           |                             |                              |                      |
|-----------|-----------------------------|------------------------------|----------------------|
| Database: | EDM 5000.14                 | Local Co-ordinate Reference: | Well #709H           |
| Company:  | EOG Resources - Midland     | TVD Reference:               | KB = 25 @ 3379.0usft |
| Project:  | Lea County, NM (NAD 83 NME) | MD Reference:                | KB = 25 @ 3379.0usft |
| Site:     | Wild Weasel 22 Fed Com      | North Reference:             | Grid                 |
| Well:     | #709H                       | 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) |
| 10,700.0              | 2.88            | 330.71      | 10,690.4              | 334.8        | -187.8       | -332.3                  | 0.00                    | 0.00                   | 0.00                  |
| 10,800.0              | 2.88            | 330.71      | 10,790.2              | 339.2        | -190.2       | -336.7                  | 0.00                    | 0.00                   | 0.00                  |
| 10,900.0              | 2.88            | 330.71      | 10,890.1              | 343.5        | -192.7       | -341.0                  | 0.00                    | 0.00                   | 0.00                  |
| 11,000.0              | 2.88            | 330.71      | 10,990.0              | 347.9        | -195.2       | -345.4                  | 0.00                    | 0.00                   | 0.00                  |
| 11,100.0              | 2.88            | 330.71      | 11,089.9              | 352.3        | -197.6       | -349.7                  | 0.00                    | 0.00                   | 0.00                  |
| 11,200.0              | 2.88            | 330.71      | 11,189.7              | 356.7        | -200.1       | -354.1                  | 0.00                    | 0.00                   | 0.00                  |
| 11,300.0              | 2.88            | 330.71      | 11,289.6              | 361.1        | -202.5       | -358.4                  | 0.00                    | 0.00                   | 0.00                  |
| 11,400.0              | 2.88            | 330.71      | 11,389.5              | 365.5        | -205.0       | -362.8                  | 0.00                    | 0.00                   | 0.00                  |
| 11,500.0              | 2.88            | 330.71      | 11,489.4              | 369.9        | -207.5       | -367.2                  | 0.00                    | 0.00                   | 0.00                  |
| 11,600.0              | 2.88            | 330.71      | 11,589.2              | 374.3        | -209.9       | -371.5                  | 0.00                    | 0.00                   | 0.00                  |
| 11,700.0              | 2.88            | 330.71      | 11,689.1              | 378.7        | -212.4       | -375.9                  | 0.00                    | 0.00                   | 0.00                  |
| 11,800.0              | 2.88            | 330.71      | 11,789.0              | 383.0        | -214.9       | -380.2                  | 0.00                    | 0.00                   | 0.00                  |
| 11,900.0              | 2.88            | 330.71      | 11,888.8              | 387.4        | -217.3       | -384.6                  | 0.00                    | 0.00                   | 0.00                  |
| 11,977.6              | 2.88            | 330.71      | 11,966.3              | 390.8        | -219.2       | -388.0                  | 0.00                    | 0.00                   | 0.00                  |
| 12,000.0              | 2.44            | 330.71      | 11,988.7              | 391.7        | -219.7       | -388.9                  | 2.00                    | -2.00                  | 0.00                  |
| 12,100.0              | 0.44            | 330.71      | 12,088.7              | 393.9        | -221.0       | -391.0                  | 2.00                    | -2.00                  | 0.00                  |
| 12,121.8              | 0.00            | 0.00        | 12,110.5              | 394.0        | -221.0       | -391.1                  | 2.00                    | -2.00                  | 0.00                  |
| KOP (WW 22 FC #709H)  |                 |             |                       |              |              |                         |                         |                        |                       |
| 12,125.0              | 0.38            | 179.50      | 12,113.7              | 394.0        | -221.0       | -391.1                  | 12.00                   | 12.00                  | 0.00                  |
| 12,150.0              | 3.38            | 179.50      | 12,138.7              | 393.2        | -221.0       | -390.3                  | 12.00                   | 12.00                  | 0.00                  |
| 12,175.0              | 6.38            | 179.50      | 12,163.6              | 391.0        | -221.0       | -388.1                  | 12.00                   | 12.00                  | 0.00                  |
| 12,200.0              | 9.38            | 179.50      | 12,188.3              | 387.6        | -220.9       | -384.7                  | 12.00                   | 12.00                  | 0.00                  |
| 12,225.0              | 12.38           | 179.50      | 12,212.9              | 382.9        | -220.9       | -380.0                  | 12.00                   | 12.00                  | 0.00                  |
| 12,250.0              | 15.38           | 179.50      | 12,237.2              | 376.9        | -220.9       | -374.0                  | 12.00                   | 12.00                  | 0.00                  |
| 12,275.0              | 18.38           | 179.50      | 12,261.1              | 369.6        | -220.8       | -366.7                  | 12.00                   | 12.00                  | 0.00                  |
| 12,300.0              | 21.38           | 179.50      | 12,284.6              | 361.1        | -220.7       | -358.2                  | 12.00                   | 12.00                  | 0.00                  |
| 12,325.0              | 24.38           | 179.50      | 12,307.6              | 351.4        | -220.6       | -348.5                  | 12.00                   | 12.00                  | 0.00                  |
| 12,350.0              | 27.38           | 179.50      | 12,330.1              | 340.5        | -220.5       | -337.6                  | 12.00                   | 12.00                  | 0.00                  |
| 12,375.0              | 30.38           | 179.50      | 12,352.0              | 328.4        | -220.4       | -325.5                  | 12.00                   | 12.00                  | 0.00                  |
| 12,400.0              | 33.38           | 179.50      | 12,373.2              | 315.2        | -220.3       | -312.3                  | 12.00                   | 12.00                  | 0.00                  |
| 12,425.0              | 36.38           | 179.50      | 12,393.7              | 300.9        | -220.2       | -298.1                  | 12.00                   | 12.00                  | 0.00                  |
| 12,450.0              | 39.38           | 179.50      | 12,413.4              | 285.6        | -220.1       | -282.7                  | 12.00                   | 12.00                  | 0.00                  |
| 12,475.0              | 42.38           | 179.50      | 12,432.3              | 269.2        | -219.9       | -266.3                  | 12.00                   | 12.00                  | 0.00                  |
| 12,500.0              | 45.38           | 179.50      | 12,450.4              | 251.9        | -219.8       | -249.0                  | 12.00                   | 12.00                  | 0.00                  |
| 12,525.0              | 48.38           | 179.50      | 12,467.5              | 233.7        | -219.6       | -230.8                  | 12.00                   | 12.00                  | 0.00                  |
| FTP (WW 22 FC #709H)  |                 |             |                       |              |              |                         |                         |                        |                       |
| 12,550.0              | 51.38           | 179.50      | 12,483.6              | 214.5        | -219.4       | -211.7                  | 12.00                   | 12.00                  | 0.00                  |
| 12,575.0              | 54.38           | 179.50      | 12,498.6              | 194.6        | -219.3       | -191.7                  | 12.00                   | 12.00                  | 0.00                  |
| 12,600.0              | 57.38           | 179.50      | 12,512.7              | 173.9        | -219.1       | -171.1                  | 12.00                   | 12.00                  | 0.00                  |
| 12,625.0              | 60.38           | 179.50      | 12,525.6              | 152.5        | -218.9       | -149.7                  | 12.00                   | 12.00                  | 0.00                  |
| 12,650.0              | 63.38           | 179.50      | 12,537.4              | 130.5        | -218.7       | -127.6                  | 12.00                   | 12.00                  | 0.00                  |
| 12,675.0              | 66.38           | 179.50      | 12,548.0              | 107.8        | -218.5       | -105.0                  | 12.00                   | 12.00                  | 0.00                  |
| 12,700.0              | 69.38           | 179.50      | 12,557.4              | 84.7         | -218.3       | -81.8                   | 12.00                   | 12.00                  | 0.00                  |
| 12,725.0              | 72.38           | 179.50      | 12,565.6              | 61.1         | -218.1       | -58.2                   | 12.00                   | 12.00                  | 0.00                  |
| 12,750.0              | 75.38           | 179.50      | 12,572.5              | 37.0         | -217.9       | -34.2                   | 12.00                   | 12.00                  | 0.00                  |
| 12,775.0              | 78.38           | 179.50      | 12,578.2              | 12.7         | -217.7       | -9.9                    | 12.00                   | 12.00                  | 0.00                  |
| 12,800.0              | 81.38           | 179.50      | 12,582.6              | -11.9        | -217.5       | 14.7                    | 12.00                   | 12.00                  | 0.00                  |
| 12,825.0              | 84.38           | 179.50      | 12,585.7              | -36.7        | -217.2       | 39.5                    | 12.00                   | 12.00                  | 0.00                  |
| 12,850.0              | 87.38           | 179.50      | 12,587.5              | -61.6        | -217.0       | 64.5                    | 12.00                   | 12.00                  | 0.00                  |
| 12,871.8              | 90.00           | 179.50      | 12,588.0              | -83.4        | -216.8       | 86.3                    | 12.00                   | 12.00                  | 0.00                  |
| 12,900.0              | 90.00           | 179.50      | 12,588.0              | -111.6       | -216.6       | 114.4                   | 0.00                    | 0.00                   | 0.00                  |
| 13,000.0              | 90.00           | 179.50      | 12,588.0              | -211.6       | -215.7       | 214.4                   | 0.00                    | 0.00                   | 0.00                  |
| 13,100.0              | 90.00           | 179.50      | 12,588.0              | -311.6       | -214.8       | 314.4                   | 0.00                    | 0.00                   | 0.00                  |
| 13,200.0              | 90.00           | 179.50      | 12,588.0              | -411.6       | -214.0       | 414.4                   | 0.00                    | 0.00                   | 0.00                  |

|           |                             |                              |                      |
|-----------|-----------------------------|------------------------------|----------------------|
| Database: | EDM 5000.14                 | Local Co-ordinate Reference: | Well #709H           |
| Company:  | EOG Resources - Midland     | TVD Reference:               | KB = 25 @ 3379.0usft |
| Project:  | Lea County, NM (NAD 83 NME) | MD Reference:                | KB = 25 @ 3379.0usft |
| Site:     | Wild Weasel 22 Fed Com      | North Reference:             | Grid                 |
| Well:     | #709H                       | 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) |
| 13,300.0              | 90.00           | 179.50      | 12,588.0              | -511.6       | -213.1       | 514.3                   | 0.00                    | 0.00                   | 0.00                  |
| 13,400.0              | 90.00           | 179.50      | 12,588.0              | -611.6       | -212.2       | 614.3                   | 0.00                    | 0.00                   | 0.00                  |
| 13,500.0              | 90.00           | 179.50      | 12,588.0              | -711.6       | -211.3       | 714.3                   | 0.00                    | 0.00                   | 0.00                  |
| 13,600.0              | 90.00           | 179.50      | 12,588.0              | -811.6       | -210.5       | 814.3                   | 0.00                    | 0.00                   | 0.00                  |
| 13,700.0              | 90.00           | 179.50      | 12,588.0              | -911.6       | -209.6       | 914.2                   | 0.00                    | 0.00                   | 0.00                  |
| 13,800.0              | 90.00           | 179.50      | 12,588.0              | -1,011.6     | -208.7       | 1,014.2                 | 0.00                    | 0.00                   | 0.00                  |
| 13,900.0              | 90.00           | 179.50      | 12,588.0              | -1,111.6     | -207.8       | 1,114.2                 | 0.00                    | 0.00                   | 0.00                  |
| 14,000.0              | 90.00           | 179.50      | 12,588.0              | -1,211.6     | -207.0       | 1,214.2                 | 0.00                    | 0.00                   | 0.00                  |
| 14,100.0              | 90.00           | 179.50      | 12,588.0              | -1,311.6     | -206.1       | 1,314.2                 | 0.00                    | 0.00                   | 0.00                  |
| 14,200.0              | 90.00           | 179.50      | 12,588.0              | -1,411.6     | -205.2       | 1,414.1                 | 0.00                    | 0.00                   | 0.00                  |
| 14,300.0              | 90.00           | 179.50      | 12,588.0              | -1,511.6     | -204.3       | 1,514.1                 | 0.00                    | 0.00                   | 0.00                  |
| 14,400.0              | 90.00           | 179.50      | 12,588.0              | -1,611.6     | -203.5       | 1,614.1                 | 0.00                    | 0.00                   | 0.00                  |
| 14,500.0              | 90.00           | 179.50      | 12,588.0              | -1,711.6     | -202.6       | 1,714.1                 | 0.00                    | 0.00                   | 0.00                  |
| 14,600.0              | 90.00           | 179.50      | 12,588.0              | -1,811.6     | -201.7       | 1,814.0                 | 0.00                    | 0.00                   | 0.00                  |
| 14,700.0              | 90.00           | 179.50      | 12,588.0              | -1,911.6     | -200.8       | 1,914.0                 | 0.00                    | 0.00                   | 0.00                  |
| 14,800.0              | 90.00           | 179.50      | 12,588.0              | -2,011.6     | -200.0       | 2,014.0                 | 0.00                    | 0.00                   | 0.00                  |
| 14,900.0              | 90.00           | 179.50      | 12,588.0              | -2,111.6     | -199.1       | 2,114.0                 | 0.00                    | 0.00                   | 0.00                  |
| 15,000.0              | 90.00           | 179.50      | 12,588.0              | -2,211.6     | -198.2       | 2,213.9                 | 0.00                    | 0.00                   | 0.00                  |
| 15,100.0              | 90.00           | 179.50      | 12,588.0              | -2,311.5     | -197.3       | 2,313.9                 | 0.00                    | 0.00                   | 0.00                  |
| 15,200.0              | 90.00           | 179.50      | 12,588.0              | -2,411.5     | -196.5       | 2,413.9                 | 0.00                    | 0.00                   | 0.00                  |
| 15,300.0              | 90.00           | 179.50      | 12,588.0              | -2,511.5     | -195.6       | 2,513.9                 | 0.00                    | 0.00                   | 0.00                  |
| 15,400.0              | 90.00           | 179.50      | 12,588.0              | -2,611.5     | -194.7       | 2,613.8                 | 0.00                    | 0.00                   | 0.00                  |
| 15,500.0              | 90.00           | 179.50      | 12,588.0              | -2,711.5     | -193.9       | 2,713.8                 | 0.00                    | 0.00                   | 0.00                  |
| 15,600.0              | 90.00           | 179.50      | 12,588.0              | -2,811.5     | -193.0       | 2,813.8                 | 0.00                    | 0.00                   | 0.00                  |
| 15,700.0              | 90.00           | 179.50      | 12,588.0              | -2,911.5     | -192.1       | 2,913.8                 | 0.00                    | 0.00                   | 0.00                  |
| 15,800.0              | 90.00           | 179.50      | 12,588.0              | -3,011.5     | -191.2       | 3,013.8                 | 0.00                    | 0.00                   | 0.00                  |
| 15,900.0              | 90.00           | 179.50      | 12,588.0              | -3,111.5     | -190.4       | 3,113.7                 | 0.00                    | 0.00                   | 0.00                  |
| 16,000.0              | 90.00           | 179.50      | 12,588.0              | -3,211.5     | -189.5       | 3,213.7                 | 0.00                    | 0.00                   | 0.00                  |
| 16,100.0              | 90.00           | 179.50      | 12,588.0              | -3,311.5     | -188.6       | 3,313.7                 | 0.00                    | 0.00                   | 0.00                  |
| 16,200.0              | 90.00           | 179.50      | 12,588.0              | -3,411.5     | -187.7       | 3,413.7                 | 0.00                    | 0.00                   | 0.00                  |
| 16,300.0              | 90.00           | 179.50      | 12,588.0              | -3,511.5     | -186.9       | 3,513.6                 | 0.00                    | 0.00                   | 0.00                  |
| 16,400.0              | 90.00           | 179.50      | 12,588.0              | -3,611.5     | -186.0       | 3,613.6                 | 0.00                    | 0.00                   | 0.00                  |
| 16,500.0              | 90.00           | 179.50      | 12,588.0              | -3,711.5     | -185.1       | 3,713.6                 | 0.00                    | 0.00                   | 0.00                  |
| 16,600.0              | 90.00           | 179.50      | 12,588.0              | -3,811.5     | -184.2       | 3,813.6                 | 0.00                    | 0.00                   | 0.00                  |
| 16,700.0              | 90.00           | 179.50      | 12,588.0              | -3,911.5     | -183.4       | 3,913.5                 | 0.00                    | 0.00                   | 0.00                  |
| 16,800.0              | 90.00           | 179.50      | 12,588.0              | -4,011.5     | -182.5       | 4,013.5                 | 0.00                    | 0.00                   | 0.00                  |
| 16,900.0              | 90.00           | 179.50      | 12,588.0              | -4,111.5     | -181.6       | 4,113.5                 | 0.00                    | 0.00                   | 0.00                  |
| 17,000.0              | 90.00           | 179.50      | 12,588.0              | -4,211.5     | -180.7       | 4,213.5                 | 0.00                    | 0.00                   | 0.00                  |
| 17,100.0              | 90.00           | 179.50      | 12,588.0              | -4,311.5     | -179.9       | 4,313.4                 | 0.00                    | 0.00                   | 0.00                  |
| 17,200.0              | 90.00           | 179.50      | 12,588.0              | -4,411.5     | -179.0       | 4,413.4                 | 0.00                    | 0.00                   | 0.00                  |
| 17,300.0              | 90.00           | 179.50      | 12,588.0              | -4,511.5     | -178.1       | 4,513.4                 | 0.00                    | 0.00                   | 0.00                  |
| 17,400.0              | 90.00           | 179.50      | 12,588.0              | -4,611.5     | -177.2       | 4,613.4                 | 0.00                    | 0.00                   | 0.00                  |
| 17,500.0              | 90.00           | 179.50      | 12,588.0              | -4,711.5     | -176.4       | 4,713.3                 | 0.00                    | 0.00                   | 0.00                  |
| 17,600.0              | 90.00           | 179.50      | 12,588.0              | -4,811.5     | -175.5       | 4,813.3                 | 0.00                    | 0.00                   | 0.00                  |
| 17,700.0              | 90.00           | 179.50      | 12,588.0              | -4,911.4     | -174.6       | 4,913.3                 | 0.00                    | 0.00                   | 0.00                  |
| 17,800.0              | 90.00           | 179.50      | 12,588.0              | -5,011.4     | -173.7       | 5,013.3                 | 0.00                    | 0.00                   | 0.00                  |
| 17,900.0              | 90.00           | 179.50      | 12,588.0              | -5,111.4     | -172.9       | 5,113.3                 | 0.00                    | 0.00                   | 0.00                  |
| 18,000.0              | 90.00           | 179.50      | 12,588.0              | -5,211.4     | -172.0       | 5,213.2                 | 0.00                    | 0.00                   | 0.00                  |
| 18,100.0              | 90.00           | 179.50      | 12,588.0              | -5,311.4     | -171.1       | 5,313.2                 | 0.00                    | 0.00                   | 0.00                  |
| 18,200.0              | 90.00           | 179.50      | 12,588.0              | -5,411.4     | -170.2       | 5,413.2                 | 0.00                    | 0.00                   | 0.00                  |
| 18,300.0              | 90.00           | 179.50      | 12,588.0              | -5,511.4     | -169.4       | 5,513.2                 | 0.00                    | 0.00                   | 0.00                  |
| 18,400.0              | 90.00           | 179.50      | 12,588.0              | -5,611.4     | -168.5       | 5,613.1                 | 0.00                    | 0.00                   | 0.00                  |
| 18,500.0              | 90.00           | 179.50      | 12,588.0              | -5,711.4     | -167.6       | 5,713.1                 | 0.00                    | 0.00                   | 0.00                  |
| 18,600.0              | 90.00           | 179.50      | 12,588.0              | -5,811.4     | -166.7       | 5,813.1                 | 0.00                    | 0.00                   | 0.00                  |

|                  |                             |                                     |                      |
|------------------|-----------------------------|-------------------------------------|----------------------|
| <b>Database:</b> | EDM 5000.14                 | <b>Local Co-ordinate Reference:</b> | Well #709H           |
| <b>Company:</b>  | EOG Resources - Midland     | <b>TVD Reference:</b>               | KB = 25 @ 3379.0usft |
| <b>Project:</b>  | Lea County, NM (NAD 83 NME) | <b>MD Reference:</b>                | KB = 25 @ 3379.0usft |
| <b>Site:</b>     | Wild Weasel 22 Fed Com      | <b>North Reference:</b>             | Grid                 |
| <b>Well:</b>     | #709H                       | <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) |
| 18,700.0              | 90.00           | 179.50      | 12,588.0              | -5,911.4     | -165.9       | 5,913.1                 | 0.00                    | 0.00                   | 0.00                  |
| 18,800.0              | 90.00           | 179.50      | 12,588.0              | -6,011.4     | -165.0       | 6,013.0                 | 0.00                    | 0.00                   | 0.00                  |
| 18,900.0              | 90.00           | 179.50      | 12,588.0              | -6,111.4     | -164.1       | 6,113.0                 | 0.00                    | 0.00                   | 0.00                  |
| 19,000.0              | 90.00           | 179.50      | 12,588.0              | -6,211.4     | -163.3       | 6,213.0                 | 0.00                    | 0.00                   | 0.00                  |
| 19,100.0              | 90.00           | 179.50      | 12,588.0              | -6,311.4     | -162.4       | 6,313.0                 | 0.00                    | 0.00                   | 0.00                  |
| 19,200.0              | 90.00           | 179.50      | 12,588.0              | -6,411.4     | -161.5       | 6,412.9                 | 0.00                    | 0.00                   | 0.00                  |
| 19,300.0              | 90.00           | 179.50      | 12,588.0              | -6,511.4     | -160.6       | 6,512.9                 | 0.00                    | 0.00                   | 0.00                  |
| 19,400.0              | 90.00           | 179.50      | 12,588.0              | -6,611.4     | -159.8       | 6,612.9                 | 0.00                    | 0.00                   | 0.00                  |
| 19,500.0              | 90.00           | 179.50      | 12,588.0              | -6,711.4     | -158.9       | 6,712.9                 | 0.00                    | 0.00                   | 0.00                  |
| 19,600.0              | 90.00           | 179.50      | 12,588.0              | -6,811.4     | -158.0       | 6,812.9                 | 0.00                    | 0.00                   | 0.00                  |
| 19,700.0              | 90.00           | 179.50      | 12,588.0              | -6,911.4     | -157.1       | 6,912.8                 | 0.00                    | 0.00                   | 0.00                  |
| 19,800.0              | 90.00           | 179.50      | 12,588.0              | -7,011.4     | -156.3       | 7,012.8                 | 0.00                    | 0.00                   | 0.00                  |
| 19,900.0              | 90.00           | 179.50      | 12,588.0              | -7,111.4     | -155.4       | 7,112.8                 | 0.00                    | 0.00                   | 0.00                  |
| 20,000.0              | 90.00           | 179.50      | 12,588.0              | -7,211.4     | -154.5       | 7,212.8                 | 0.00                    | 0.00                   | 0.00                  |
| 20,100.0              | 90.00           | 179.50      | 12,588.0              | -7,311.4     | -153.6       | 7,312.7                 | 0.00                    | 0.00                   | 0.00                  |
| 20,200.0              | 90.00           | 179.50      | 12,588.0              | -7,411.4     | -152.8       | 7,412.7                 | 0.00                    | 0.00                   | 0.00                  |
| 20,300.0              | 90.00           | 179.50      | 12,588.0              | -7,511.4     | -151.9       | 7,512.7                 | 0.00                    | 0.00                   | 0.00                  |
| 20,400.0              | 90.00           | 179.50      | 12,588.0              | -7,611.3     | -151.0       | 7,612.7                 | 0.00                    | 0.00                   | 0.00                  |
| 20,500.0              | 90.00           | 179.50      | 12,588.0              | -7,711.3     | -150.1       | 7,712.6                 | 0.00                    | 0.00                   | 0.00                  |
| 20,600.0              | 90.00           | 179.50      | 12,588.0              | -7,811.3     | -149.3       | 7,812.6                 | 0.00                    | 0.00                   | 0.00                  |
| 20,700.0              | 90.00           | 179.50      | 12,588.0              | -7,911.3     | -148.4       | 7,912.6                 | 0.00                    | 0.00                   | 0.00                  |
| 20,800.0              | 90.00           | 179.50      | 12,588.0              | -8,011.3     | -147.5       | 8,012.6                 | 0.00                    | 0.00                   | 0.00                  |
| 20,900.0              | 90.00           | 179.50      | 12,588.0              | -8,111.3     | -146.6       | 8,112.5                 | 0.00                    | 0.00                   | 0.00                  |
| 21,000.0              | 90.00           | 179.50      | 12,588.0              | -8,211.3     | -145.8       | 8,212.5                 | 0.00                    | 0.00                   | 0.00                  |
| 21,100.0              | 90.00           | 179.50      | 12,588.0              | -8,311.3     | -144.9       | 8,312.5                 | 0.00                    | 0.00                   | 0.00                  |
| 21,200.0              | 90.00           | 179.50      | 12,588.0              | -8,411.3     | -144.0       | 8,412.5                 | 0.00                    | 0.00                   | 0.00                  |
| 21,300.0              | 90.00           | 179.50      | 12,588.0              | -8,511.3     | -143.1       | 8,512.5                 | 0.00                    | 0.00                   | 0.00                  |
| 21,400.0              | 90.00           | 179.50      | 12,588.0              | -8,611.3     | -142.3       | 8,612.4                 | 0.00                    | 0.00                   | 0.00                  |
| 21,500.0              | 90.00           | 179.50      | 12,588.0              | -8,711.3     | -141.4       | 8,712.4                 | 0.00                    | 0.00                   | 0.00                  |
| 21,600.0              | 90.00           | 179.50      | 12,588.0              | -8,811.3     | -140.5       | 8,812.4                 | 0.00                    | 0.00                   | 0.00                  |
| 21,700.0              | 90.00           | 179.50      | 12,588.0              | -8,911.3     | -139.6       | 8,912.4                 | 0.00                    | 0.00                   | 0.00                  |
| 21,800.0              | 90.00           | 179.50      | 12,588.0              | -9,011.3     | -138.8       | 9,012.3                 | 0.00                    | 0.00                   | 0.00                  |
| 21,900.0              | 90.00           | 179.50      | 12,588.0              | -9,111.3     | -137.9       | 9,112.3                 | 0.00                    | 0.00                   | 0.00                  |
| 22,000.0              | 90.00           | 179.50      | 12,588.0              | -9,211.3     | -137.0       | 9,212.3                 | 0.00                    | 0.00                   | 0.00                  |
| 22,100.0              | 90.00           | 179.50      | 12,588.0              | -9,311.3     | -136.2       | 9,312.3                 | 0.00                    | 0.00                   | 0.00                  |
| 22,200.0              | 90.00           | 179.50      | 12,588.0              | -9,411.3     | -135.3       | 9,412.2                 | 0.00                    | 0.00                   | 0.00                  |
| 22,300.0              | 90.00           | 179.50      | 12,588.0              | -9,511.3     | -134.4       | 9,512.2                 | 0.00                    | 0.00                   | 0.00                  |
| 22,400.0              | 90.00           | 179.50      | 12,588.0              | -9,611.3     | -133.5       | 9,612.2                 | 0.00                    | 0.00                   | 0.00                  |
| 22,500.0              | 90.00           | 179.50      | 12,588.0              | -9,711.3     | -132.7       | 9,712.2                 | 0.00                    | 0.00                   | 0.00                  |
| 22,600.0              | 90.00           | 179.50      | 12,588.0              | -9,811.3     | -131.8       | 9,812.1                 | 0.00                    | 0.00                   | 0.00                  |
| 22,700.0              | 90.00           | 179.50      | 12,588.0              | -9,911.3     | -130.9       | 9,912.1                 | 0.00                    | 0.00                   | 0.00                  |
| 22,803.7              | 90.00           | 179.50      | 12,588.0              | -10,015.0    | -130.0       | 10,015.8                | 0.00                    | 0.00                   | 0.00                  |
| PBHL (WW 22 FC #709H) |                 |             |                       |              |              |                         |                         |                        |                       |

|                  |                             |                                     |                      |
|------------------|-----------------------------|-------------------------------------|----------------------|
| <b>Database:</b> | EDM 5000.14                 | <b>Local Co-ordinate Reference:</b> | Well #709H           |
| <b>Company:</b>  | EOG Resources - Midland     | <b>TVD Reference:</b>               | KB = 25 @ 3379.0usft |
| <b>Project:</b>  | Lea County, NM (NAD 83 NME) | <b>MD Reference:</b>                | KB = 25 @ 3379.0usft |
| <b>Site:</b>     | Wild Weasel 22 Fed Com      | <b>North Reference:</b>             | Grid                 |
| <b>Well:</b>     | #709H                       | <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 #709H<br>- plan hits target center<br>- Point                                                                    | 0.00             | 0.00            | 12,110.5      | 394.0           | -221.0          | 409,627.00         | 812,044.00        | 32° 7' 23.246 N | 103° 27' 32.030 W |
| PBHL (WW 22 FC #709H<br>- plan hits target center<br>- Point                                                                   | 0.00             | 0.00            | 12,588.0      | -10,015.0       | -130.0          | 399,218.00         | 812,135.00        | 32° 5' 40.241 N | 103° 27' 31.954 W |
| FTP (WW 22 FC #709H)<br>- plan misses target center by 163.4usft at 12525.0usft MD (12467.5 TVD, 233.7 N, -219.6 E)<br>- Point | 0.00             | 0.00            | 12,588.0      | 344.0           | -221.0          | 409,577.00         | 812,044.00        | 32° 7' 22.751 N | 103° 27' 32.035 W |