



## **EOG Resources - Midland**

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

**Wild Weasel 22 Fed Com**

**#708H**

**OH**

**Plan: Plan #0.1**

## **Standard Planning Report**

**08 August, 2019**



## Planning Report

**Database:** EDM 5000.14  
**Company:** EOG Resources - Midland  
**Project:** Lea County, NM (NAD 83 NME)  
**Site:** Wild Weasel 22 Fed Com  
**Well:** #708H  
**Wellbore:** OH  
**Design:** Plan #0.1

**Local Co-ordinate Reference:** Well #708H  
**TVD Reference:** KB = 25 @ 3379.0usft  
**MD Reference:** KB = 25 @ 3379.0usft  
**North Reference:** Grid  
**Survey Calculation Method:** Minimum Curvature

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

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

|                             |          |                            |                  |                                   |
|-----------------------------|----------|----------------------------|------------------|-----------------------------------|
| <b>Well</b>                 | #708H    |                            |                  |                                   |
| <b>Well Position</b>        | +N/-S    | -168.0 usft                | <b>Northing:</b> | 409,266.00 usft                   |
|                             | +E/-W    | -2,245.0 usft              | <b>Easting:</b>  | 812,265.00 usft                   |
| <b>Position Uncertainty</b> | 0.0 usft | <b>Wellhead Elevation:</b> |                  | <b>Ground Level:</b> 3,354.0 usft |

|                  |                   |                    |                            |                          |                                |
|------------------|-------------------|--------------------|----------------------------|--------------------------|--------------------------------|
| <b>Wellbore</b>  | OH                |                    |                            |                          |                                |
| <b>Magnetics</b> | <b>Model Name</b> | <b>Sample Date</b> | <b>Declination<br/>(°)</b> | <b>Dip Angle<br/>(°)</b> | <b>Field Strength<br/>(nT)</b> |
|                  | IGRF2015          | 8/28/2018          | 6.76                       | 59.97                    | 47,766.91264176                |

|                          |                                    |                         |                         |                          |
|--------------------------|------------------------------------|-------------------------|-------------------------|--------------------------|
| <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)<br/>(usft)</b> | <b>+N/-S<br/>(usft)</b> | <b>+E/-W<br/>(usft)</b> | <b>Direction<br/>(°)</b> |
|                          | 0.0                                | 0.0                     | 0.0                     | 179.14                   |

**Plan Survey Tool Program** Date 8/8/2019

|   | <b>Depth From<br/>(usft)</b> | <b>Depth To<br/>(usft)</b> | <b>Survey (Wellbore)</b> | <b>Tool Name</b>    | <b>Remarks</b> |
|---|------------------------------|----------------------------|--------------------------|---------------------|----------------|
| 1 | 0.0                          | 22,797.9                   | Plan #0.1 (OH)           | MWD                 |                |
|   |                              |                            |                          | OWSG MWD - Standard |                |

| <b>Plan Sections</b>                 |                            |                        |                                      |                         |                         |                                        |                                       |                                      |                    |                    |
|--------------------------------------|----------------------------|------------------------|--------------------------------------|-------------------------|-------------------------|----------------------------------------|---------------------------------------|--------------------------------------|--------------------|--------------------|
| <b>Measured<br/>Depth<br/>(usft)</b> | <b>Inclination<br/>(°)</b> | <b>Azimuth<br/>(°)</b> | <b>Vertical<br/>Depth<br/>(usft)</b> | <b>+N/-S<br/>(usft)</b> | <b>+E/-W<br/>(usft)</b> | <b>Dogleg<br/>Rate<br/>(°/100usft)</b> | <b>Build<br/>Rate<br/>(°/100usft)</b> | <b>Turn<br/>Rate<br/>(°/100usft)</b> | <b>TFO<br/>(°)</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               |                    |
| 3,117.1                              | 2.34                       | 9.23                   | 3,117.1                              | 2.4                     | 0.4                     | 2.00                                   | 2.00                                  | 0.00                                 | 9.23               |                    |
| 11,998.9                             | 2.34                       | 9.23                   | 11,991.4                             | 360.6                   | 58.6                    | 0.00                                   | 0.00                                  | 0.00                                 | 0.00               |                    |
| 12,116.0                             | 0.00                       | 0.00                   | 12,108.5                             | 363.0                   | 59.0                    | 2.00                                   | -2.00                                 | 0.00                                 | 180.00             | KOP (WW 22 FC #70- |
| 12,866.0                             | 90.00                      | 179.50                 | 12,586.0                             | -114.4                  | 63.2                    | 12.00                                  | 12.00                                 | 23.93                                | 179.50             |                    |
| 22,797.9                             | 90.00                      | 179.50                 | 12,586.0                             | -10,046.0               | 150.0                   | 0.00                                   | 0.00                                  | 0.00                                 | 0.00               | PBHL (WW 22 FC #71 |



# Planning Report

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 Well: #708H  
 Wellbore: OH  
 Design: Plan #0.1

Local Co-ordinate Reference: Well #708H  
 TVD Reference: KB = 25 @ 3379.0usft  
 MD Reference: KB = 25 @ 3379.0usft  
 North Reference: Grid  
 Survey Calculation Method: Minimum Curvature

## Planned Survey

| Measured<br>Depth<br>(usft) | Inclination<br>(°) | Azimuth<br>(°) | Vertical<br>Depth<br>(usft) | +N/-S<br>(usft) | +E/-W<br>(usft) | Vertical<br>Section<br>(usft) | Dogleg<br>Rate<br>(°/100usft) | Build<br>Rate<br>(°/100usft) | Turn<br>Rate<br>(°/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               | 9.23           | 3,100.0                     | 1.7             | 0.3             | -1.7                          | 2.00                          | 2.00                         | 0.00                        |
| 3,117.1                     | 2.34               | 9.23           | 3,117.1                     | 2.4             | 0.4             | -2.4                          | 2.00                          | 2.00                         | 0.00                        |
| 3,200.0                     | 2.34               | 9.23           | 3,199.9                     | 5.7             | 0.9             | -5.7                          | 0.00                          | 0.00                         | 0.00                        |
| 3,300.0                     | 2.34               | 9.23           | 3,299.8                     | 9.7             | 1.6             | -9.7                          | 0.00                          | 0.00                         | 0.00                        |
| 3,400.0                     | 2.34               | 9.23           | 3,399.7                     | 13.8            | 2.2             | -13.7                         | 0.00                          | 0.00                         | 0.00                        |
| 3,500.0                     | 2.34               | 9.23           | 3,499.6                     | 17.8            | 2.9             | -17.8                         | 0.00                          | 0.00                         | 0.00                        |
| 3,600.0                     | 2.34               | 9.23           | 3,599.6                     | 21.8            | 3.5             | -21.8                         | 0.00                          | 0.00                         | 0.00                        |
| 3,700.0                     | 2.34               | 9.23           | 3,699.5                     | 25.9            | 4.2             | -25.8                         | 0.00                          | 0.00                         | 0.00                        |
| 3,800.0                     | 2.34               | 9.23           | 3,799.4                     | 29.9            | 4.9             | -29.8                         | 0.00                          | 0.00                         | 0.00                        |
| 3,900.0                     | 2.34               | 9.23           | 3,899.3                     | 33.9            | 5.5             | -33.9                         | 0.00                          | 0.00                         | 0.00                        |
| 4,000.0                     | 2.34               | 9.23           | 3,999.2                     | 38.0            | 6.2             | -37.9                         | 0.00                          | 0.00                         | 0.00                        |
| 4,100.0                     | 2.34               | 9.23           | 4,099.1                     | 42.0            | 6.8             | -41.9                         | 0.00                          | 0.00                         | 0.00                        |
| 4,200.0                     | 2.34               | 9.23           | 4,199.1                     | 46.0            | 7.5             | -45.9                         | 0.00                          | 0.00                         | 0.00                        |
| 4,300.0                     | 2.34               | 9.23           | 4,299.0                     | 50.1            | 8.1             | -50.0                         | 0.00                          | 0.00                         | 0.00                        |
| 4,400.0                     | 2.34               | 9.23           | 4,398.9                     | 54.1            | 8.8             | -54.0                         | 0.00                          | 0.00                         | 0.00                        |
| 4,500.0                     | 2.34               | 9.23           | 4,498.8                     | 58.1            | 9.5             | -58.0                         | 0.00                          | 0.00                         | 0.00                        |
| 4,600.0                     | 2.34               | 9.23           | 4,598.7                     | 62.2            | 10.1            | -62.0                         | 0.00                          | 0.00                         | 0.00                        |
| 4,700.0                     | 2.34               | 9.23           | 4,698.6                     | 66.2            | 10.8            | -66.0                         | 0.00                          | 0.00                         | 0.00                        |
| 4,800.0                     | 2.34               | 9.23           | 4,798.6                     | 70.2            | 11.4            | -70.1                         | 0.00                          | 0.00                         | 0.00                        |
| 4,900.0                     | 2.34               | 9.23           | 4,898.5                     | 74.3            | 12.1            | -74.1                         | 0.00                          | 0.00                         | 0.00                        |
| 5,000.0                     | 2.34               | 9.23           | 4,998.4                     | 78.3            | 12.7            | -78.1                         | 0.00                          | 0.00                         | 0.00                        |
| 5,100.0                     | 2.34               | 9.23           | 5,098.3                     | 82.3            | 13.4            | -82.1                         | 0.00                          | 0.00                         | 0.00                        |
| 5,200.0                     | 2.34               | 9.23           | 5,198.2                     | 86.4            | 14.0            | -86.2                         | 0.00                          | 0.00                         | 0.00                        |









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 Wellbore: OH  
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Local Co-ordinate Reference: Well #708H  
 TVD Reference: KB = 25 @ 3379.0usft  
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 North Reference: Grid  
 Survey Calculation Method: Minimum Curvature

## 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) |
|-----------------------|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|-------------------------|------------------------|-----------------------|
| 18,600.0              | 90.00           | 179.50      | 12,586.0              | -5,848.2     | 113.3        | 5,849.3                 | 0.00                    | 0.00                   | 0.00                  |
| 18,700.0              | 90.00           | 179.50      | 12,586.0              | -5,948.2     | 114.2        | 5,949.3                 | 0.00                    | 0.00                   | 0.00                  |
| 18,800.0              | 90.00           | 179.50      | 12,586.0              | -6,048.2     | 115.0        | 6,049.3                 | 0.00                    | 0.00                   | 0.00                  |
| 18,900.0              | 90.00           | 179.50      | 12,586.0              | -6,148.2     | 115.9        | 6,149.3                 | 0.00                    | 0.00                   | 0.00                  |
| 19,000.0              | 90.00           | 179.50      | 12,586.0              | -6,248.2     | 116.8        | 6,249.3                 | 0.00                    | 0.00                   | 0.00                  |
| 19,100.0              | 90.00           | 179.50      | 12,586.0              | -6,348.2     | 117.7        | 6,349.3                 | 0.00                    | 0.00                   | 0.00                  |
| 19,200.0              | 90.00           | 179.50      | 12,586.0              | -6,448.2     | 118.5        | 6,449.3                 | 0.00                    | 0.00                   | 0.00                  |
| 19,300.0              | 90.00           | 179.50      | 12,586.0              | -6,548.2     | 119.4        | 6,549.3                 | 0.00                    | 0.00                   | 0.00                  |
| 19,400.0              | 90.00           | 179.50      | 12,586.0              | -6,648.2     | 120.3        | 6,649.3                 | 0.00                    | 0.00                   | 0.00                  |
| 19,500.0              | 90.00           | 179.50      | 12,586.0              | -6,748.2     | 121.2        | 6,749.3                 | 0.00                    | 0.00                   | 0.00                  |
| 19,600.0              | 90.00           | 179.50      | 12,586.0              | -6,848.2     | 122.0        | 6,849.3                 | 0.00                    | 0.00                   | 0.00                  |
| 19,700.0              | 90.00           | 179.50      | 12,586.0              | -6,948.2     | 122.9        | 6,949.3                 | 0.00                    | 0.00                   | 0.00                  |
| 19,800.0              | 90.00           | 179.50      | 12,586.0              | -7,048.2     | 123.8        | 7,049.3                 | 0.00                    | 0.00                   | 0.00                  |
| 19,900.0              | 90.00           | 179.50      | 12,586.0              | -7,148.2     | 124.7        | 7,149.3                 | 0.00                    | 0.00                   | 0.00                  |
| 20,000.0              | 90.00           | 179.50      | 12,586.0              | -7,248.2     | 125.5        | 7,249.3                 | 0.00                    | 0.00                   | 0.00                  |
| 20,100.0              | 90.00           | 179.50      | 12,586.0              | -7,348.2     | 126.4        | 7,349.3                 | 0.00                    | 0.00                   | 0.00                  |
| 20,200.0              | 90.00           | 179.50      | 12,586.0              | -7,448.2     | 127.3        | 7,449.3                 | 0.00                    | 0.00                   | 0.00                  |
| 20,300.0              | 90.00           | 179.50      | 12,586.0              | -7,548.2     | 128.2        | 7,549.2                 | 0.00                    | 0.00                   | 0.00                  |
| 20,400.0              | 90.00           | 179.50      | 12,586.0              | -7,648.2     | 129.0        | 7,649.2                 | 0.00                    | 0.00                   | 0.00                  |
| 20,500.0              | 90.00           | 179.50      | 12,586.0              | -7,748.2     | 129.9        | 7,749.2                 | 0.00                    | 0.00                   | 0.00                  |
| 20,600.0              | 90.00           | 179.50      | 12,586.0              | -7,848.2     | 130.8        | 7,849.2                 | 0.00                    | 0.00                   | 0.00                  |
| 20,700.0              | 90.00           | 179.50      | 12,586.0              | -7,948.2     | 131.7        | 7,949.2                 | 0.00                    | 0.00                   | 0.00                  |
| 20,800.0              | 90.00           | 179.50      | 12,586.0              | -8,048.2     | 132.5        | 8,049.2                 | 0.00                    | 0.00                   | 0.00                  |
| 20,900.0              | 90.00           | 179.50      | 12,586.0              | -8,148.2     | 133.4        | 8,149.2                 | 0.00                    | 0.00                   | 0.00                  |
| 21,000.0              | 90.00           | 179.50      | 12,586.0              | -8,248.2     | 134.3        | 8,249.2                 | 0.00                    | 0.00                   | 0.00                  |
| 21,100.0              | 90.00           | 179.50      | 12,586.0              | -8,348.1     | 135.2        | 8,349.2                 | 0.00                    | 0.00                   | 0.00                  |
| 21,200.0              | 90.00           | 179.50      | 12,586.0              | -8,448.1     | 136.0        | 8,449.2                 | 0.00                    | 0.00                   | 0.00                  |
| 21,300.0              | 90.00           | 179.50      | 12,586.0              | -8,548.1     | 136.9        | 8,549.2                 | 0.00                    | 0.00                   | 0.00                  |
| 21,400.0              | 90.00           | 179.50      | 12,586.0              | -8,648.1     | 137.8        | 8,649.2                 | 0.00                    | 0.00                   | 0.00                  |
| 21,500.0              | 90.00           | 179.50      | 12,586.0              | -8,748.1     | 138.7        | 8,749.2                 | 0.00                    | 0.00                   | 0.00                  |
| 21,600.0              | 90.00           | 179.50      | 12,586.0              | -8,848.1     | 139.5        | 8,849.2                 | 0.00                    | 0.00                   | 0.00                  |
| 21,700.0              | 90.00           | 179.50      | 12,586.0              | -8,948.1     | 140.4        | 8,949.2                 | 0.00                    | 0.00                   | 0.00                  |
| 21,800.0              | 90.00           | 179.50      | 12,586.0              | -9,048.1     | 141.3        | 9,049.2                 | 0.00                    | 0.00                   | 0.00                  |
| 21,900.0              | 90.00           | 179.50      | 12,586.0              | -9,148.1     | 142.2        | 9,149.2                 | 0.00                    | 0.00                   | 0.00                  |
| 22,000.0              | 90.00           | 179.50      | 12,586.0              | -9,248.1     | 143.0        | 9,249.2                 | 0.00                    | 0.00                   | 0.00                  |
| 22,100.0              | 90.00           | 179.50      | 12,586.0              | -9,348.1     | 143.9        | 9,349.2                 | 0.00                    | 0.00                   | 0.00                  |
| 22,200.0              | 90.00           | 179.50      | 12,586.0              | -9,448.1     | 144.8        | 9,449.2                 | 0.00                    | 0.00                   | 0.00                  |
| 22,300.0              | 90.00           | 179.50      | 12,586.0              | -9,548.1     | 145.6        | 9,549.2                 | 0.00                    | 0.00                   | 0.00                  |
| 22,400.0              | 90.00           | 179.50      | 12,586.0              | -9,648.1     | 146.5        | 9,649.2                 | 0.00                    | 0.00                   | 0.00                  |
| 22,500.0              | 90.00           | 179.50      | 12,586.0              | -9,748.1     | 147.4        | 9,749.2                 | 0.00                    | 0.00                   | 0.00                  |
| 22,600.0              | 90.00           | 179.50      | 12,586.0              | -9,848.1     | 148.3        | 9,849.2                 | 0.00                    | 0.00                   | 0.00                  |
| 22,700.0              | 90.00           | 179.50      | 12,586.0              | -9,948.1     | 149.1        | 9,949.2                 | 0.00                    | 0.00                   | 0.00                  |
| 22,797.9              | 90.00           | 179.50      | 12,586.0              | -10,046.0    | 150.0        | 10,047.1                | 0.00                    | 0.00                   | 0.00                  |

PBHL (WW 22 FC #708H)



## Planning Report

**Database:** EDM 5000.14  
**Company:** EOG Resources - Midland  
**Project:** Lea County, NM (NAD 83 NME)  
**Site:** Wild Weasel 22 Fed Com  
**Well:** #708H  
**Wellbore:** OH  
**Design:** Plan #0.1

**Local Co-ordinate Reference:** Well #708H  
**TVD Reference:** KB = 25 @ 3379.0usft  
**MD Reference:** KB = 25 @ 3379.0usft  
**North Reference:** Grid  
**Survey Calculation Method:** Minimum Curvature

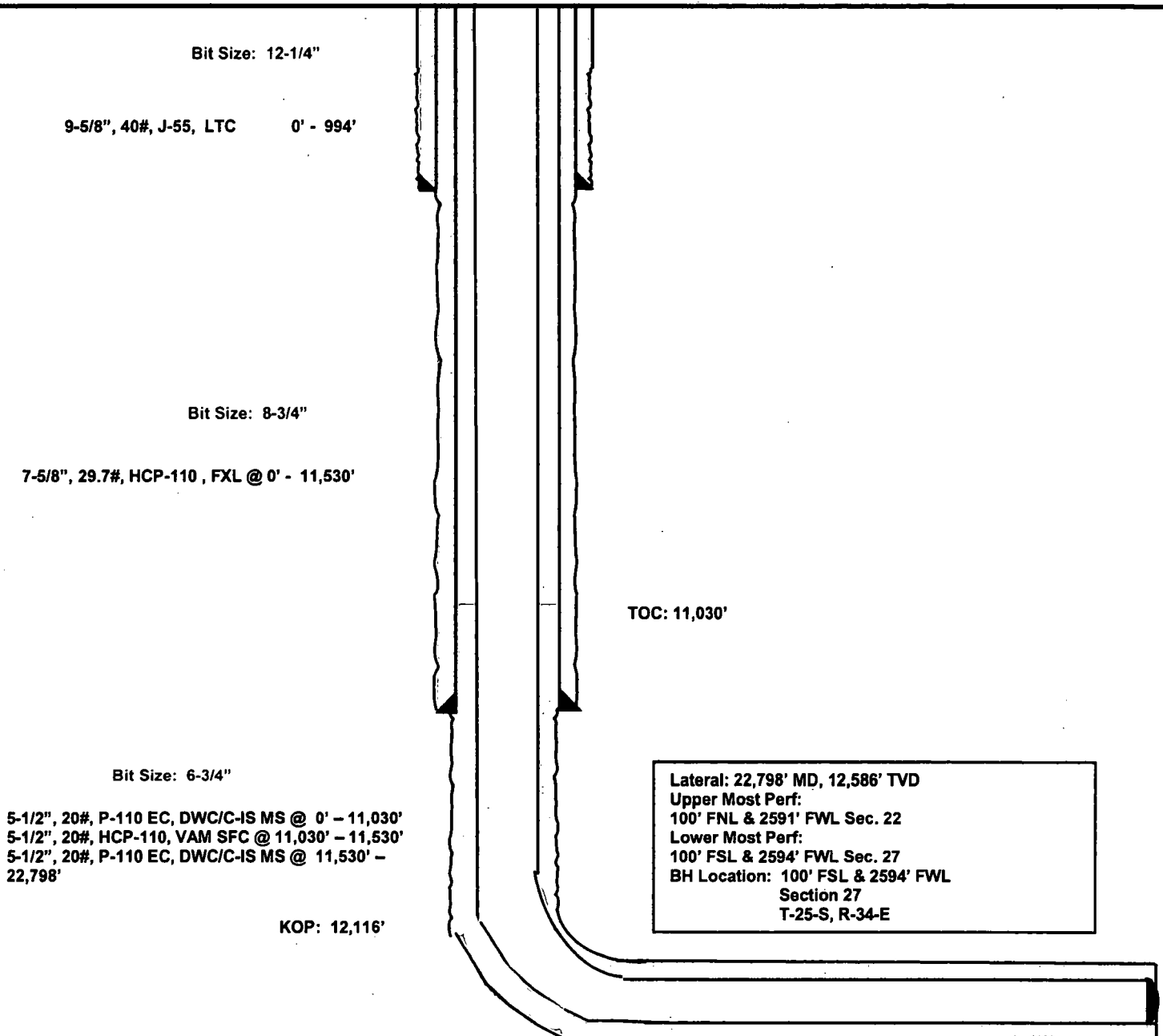
### Design Targets

| 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 #708H)<br>- plan hits target center<br>- Point                                                                 | 0.00             | 0.00            | 12,108.5      | 363.0           | 59.0            | 409,629.00         | 812,324.00        | 32° 7' 23.243 N | 103° 27' 28.774 W |
| FTP (WW 22 FC #708H)<br>- plan misses target center by 163.4usft at 12519.0usft MD (12465.3 TVD, 202.8 N, 60.4 E)<br>- Point | 0.00             | 0.00            | 12,586.0      | 313.0           | 59.0            | 409,579.00         | 812,324.00        | 32° 7' 22.749 N | 103° 27' 28.779 W |
| PBHL (WW 22 FC #708H)<br>- plan hits target center<br>- Point                                                                | 0.00             | 0.00            | 12,586.0      | -10,046.0       | 150.0           | 399,220.00         | 812,415.00        | 32° 5' 40.238 N | 103° 27' 28.699 W |

**Revised Wellbore  
Design A**

**KB: 3,379'  
GL: 3,354'**

**API: 30-025-45802**





Lea County, NM (NAD 83 NME)

Wild Weasel 22 Fed Com #708H

Plan #0.1

PROJECT DETAILS: Lea County, NM (NAD 83 NME)

Geodetic System: US State Plane 1983  
Datum: North American Datum 1983  
Elevations: GRB 1989  
Zone: New Mexico Eastern Zone  
System Datum: Mean Sea Level

WELL DETAILS: #708H

KB = 28 @ 3379.0usft 3354.0  
Northing 409268.00 Easting 812265.00 Longitude 32° 7' 19.656 N 103° 27' 29.494 W

#### SECTION DETAILS

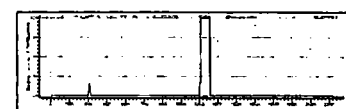
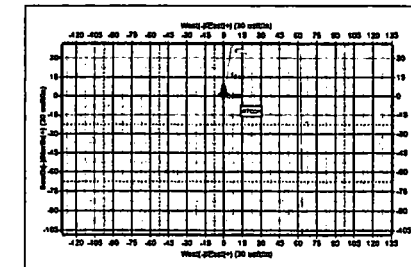
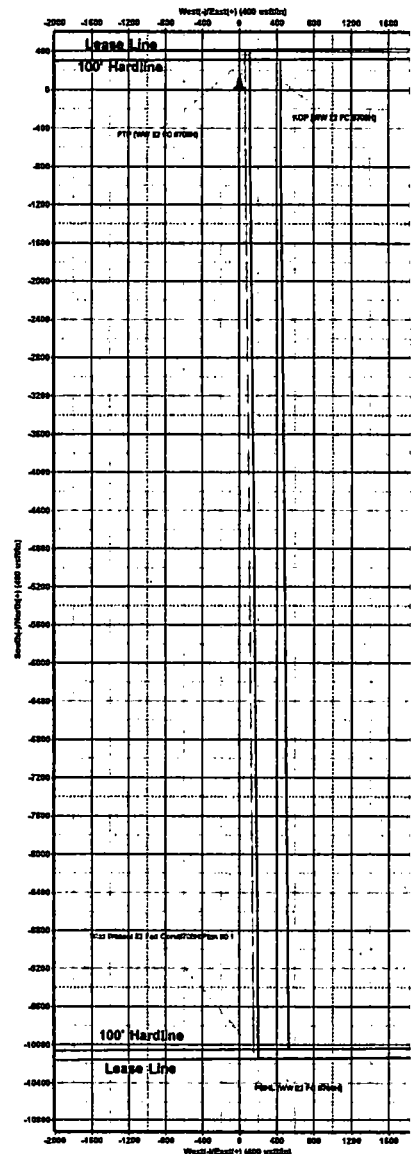
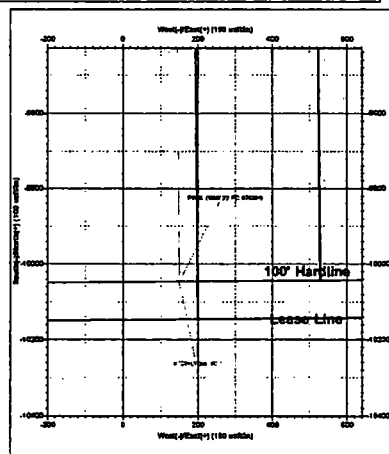
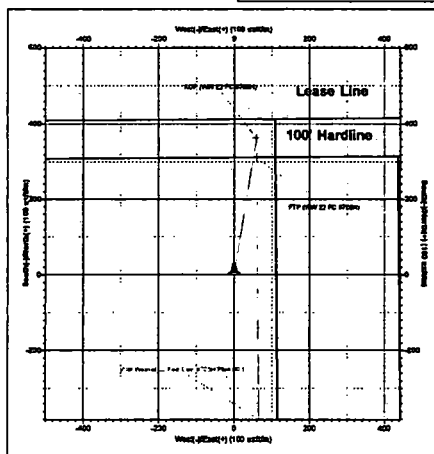
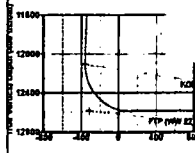
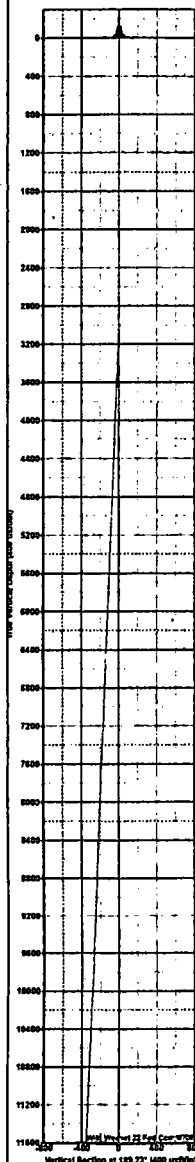
| Sec | MD      | Inc   | Azi    | TVD     | +N-S     | +E-W  | Dieg  | TFace  | VSecl   | Target                |
|-----|---------|-------|--------|---------|----------|-------|-------|--------|---------|-----------------------|
| 1   | 0.0     | 0.00  | 0.00   | 0.0     | 0.0      | 0.0   | 0.00  | 0.00   | 0.0     |                       |
| 2   | 3000.0  | 0.00  | 0.00   | 3000.0  | 0.0      | 0.0   | 0.00  | 0.00   | 0.0     |                       |
| 3   | 3117.1  | 2.34  | 9.23   | 3117.1  | 2.4      | 0.4   | 2.00  | 9.23   | -2.4    |                       |
| 4   | 11998.9 | 2.34  | 9.23   | 11991.4 | 360.6    | 58.6  | 0.00  | 0.00   | -359.7  |                       |
| 5   | 12116.0 | 0.00  | 0.00   | 12108.5 | 363.0    | 59.0  | 2.00  | 180.00 | -362.1  | KOP (WW 22 FC #708H)  |
| 6   | 12866.0 | 90.00 | 179.50 | 12586.0 | -114.4   | 63.2  | 12.00 | 179.50 | 115.4   |                       |
| 7   | 22797.9 | 90.00 | 179.50 | 12586.0 | -10046.0 | 150.0 | 0.00  | 0.00   | 10047.1 | PBHL (WW 22 FC #708H) |

#### CASING DETAILS

No casing data is available

#### WELLBORE TARGET DETAILS (MAP COORDINATES)

| Name                  | TVD     | +N-S     | +E-W  | Northing  | Easting   |
|-----------------------|---------|----------|-------|-----------|-----------|
| KOP (WW 22 FC #708H)  | 12108.5 | 363.0    | 59.0  | 409268.00 | 812265.00 |
| FTP (WW 22 FC #708H)  | 12586.0 | 113.0    | 63.0  | 409268.00 | 812324.00 |
| PBHL (WW 22 FC #708H) | 12586.0 | -10046.0 | 150.0 | 399220.00 | 812415.00 |



Vertical Section at 193.22° (400 usft)