



## **EOG Resources - Midland**

**Lea County, NM (NAD 27 NME)**

**Calm Breeze 2Fed Com**

**#703H**

**OH**

**Plan: Plan #0.1**

## **Standard Planning Report**

**03 August, 2016**

**HOBBS OCD**  
**FEB 27 2017**  
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# EOG Resources, Inc.

## Planning Report

**Database:** EDM 5000.1 Single User Db  
**Company:** EOG Resources - Midland  
**Project:** Lea County, NM (NAD 27 NME)  
**Site:** Calm Breeze 2Fed Com  
**Well:** #703H  
**Wellbore:** OH  
**Design:** Plan #0.1

**Local Co-ordinate Reference:** Well #703H  
**TVD Reference:** KB = 25 @ 3343.0usft  
**MD Reference:** KB = 25 @ 3343.0usft  
**North Reference:** Grid  
**Survey Calculation Method:** Minimum Curvature

**Project** Lea County, NM (NAD 27 NME)

**Map System:** US State Plane 1927 (Exact solution)  
**Geo Datum:** NAD 1927 (NADCON CONUS)  
**Map Zone:** New Mexico East 3001

**System Datum:** Mean Sea Level

**Site** Calm Breeze 2Fed Com

**Site Position:** Northing: 390,631.00 usft Latitude: 32° 4' 17.455 N  
**From:** Map Easting: 743,823.00 usft Longitude: 103° 32' 46.296 W  
**Position Uncertainty:** 0.0 usft Slot Radius: 13-3/16" Grid Convergence: 0.42°

**Well** #703H

**Well Position** +N/-S -236.0 usft Northing: 390,395.00 usft Latitude: 32° 4' 15.196 N  
 +E/-W -1,064.0 usft Easting: 742,759.00 usft Longitude: 103° 32' 58.681 W  
**Position Uncertainty** 0.0 usft Wellhead Elevation: 0.0 usft Ground Level: 3,318.0 usft

**Wellbore** OH

| Magnetics | Model Name | Sample Date | Declination (°) | Dip Angle (°) | Field Strength (nT) |
|-----------|------------|-------------|-----------------|---------------|---------------------|
|           | IGRF2015   | 8/2/2016    | 7.03            | 59.94         | 47,940              |

**Design** Plan #0.1

**Audit Notes:**

**Version:** Phase: PLAN Tie On Depth: 3,343.0

| Vertical Section: | Depth From (TVD) (usft) | +N/-S (usft) | +E/-W (usft) | Direction (°) |
|-------------------|-------------------------|--------------|--------------|---------------|
|                   | 0.0                     | 0.0          | 0.0          | 175.50        |

**Plan Sections**

| Measured Depth (usft) | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Dogleg Rate (°/100usft) | Build Rate (°/100usft) | Turn Rate (°/100usft) | TFO (°) | Target             |
|-----------------------|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|------------------------|-----------------------|---------|--------------------|
| 0.0                   | 0.00            | 0.00        | 0.0                   | 0.0          | 0.0          | 0.00                    | 0.00                   | 0.00                  | 0.00    |                    |
| 4,542.0               | 0.00            | 0.00        | 4,542.0               | 0.0          | 0.0          | 0.00                    | 0.00                   | 0.00                  | 0.00    |                    |
| 5,473.6               | 5.59            | 44.28       | 5,472.1               | 32.5         | 31.7         | 0.60                    | 0.60                   | 0.00                  | 44.28   |                    |
| 12,005.0              | 5.59            | 44.28       | 11,972.4              | 488.0        | 475.9        | 0.00                    | 0.00                   | 0.00                  | 0.00    |                    |
| 12,676.2              | 90.00           | 179.57      | 12,409.0              | 79.9         | 509.0        | 14.00                   | 12.58                  | 20.16                 | 135.15  |                    |
| 19,904.3              | 90.00           | 179.57      | 12,409.0              | -7,148.0     | 563.0        | 0.00                    | 0.00                   | 0.00                  | 0.00    | PBHL(CB 2FC #703H) |





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 Project: Lea County, NM (NAD 27 NME)  
 Site: Calm Breeze 2Fed Com  
 Well: #703H  
 Wellbore: OH  
 Design: Plan #0.1

Local Co-ordinate Reference:  
 TVD Reference:  
 MD Reference:  
 North Reference:  
 Survey Calculation Method:

Well #703H  
 KB = 25 @ 3343.0usft  
 KB = 25 @ 3343.0usft  
 Grid  
 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) |
|-----------------------|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|-------------------------|------------------------|-----------------------|
| 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               | 0.00            | 0.00        | 3,100.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 3,200.0               | 0.00            | 0.00        | 3,200.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 3,300.0               | 0.00            | 0.00        | 3,300.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 3,400.0               | 0.00            | 0.00        | 3,400.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 3,500.0               | 0.00            | 0.00        | 3,500.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 3,600.0               | 0.00            | 0.00        | 3,600.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 3,700.0               | 0.00            | 0.00        | 3,700.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 3,800.0               | 0.00            | 0.00        | 3,800.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 3,900.0               | 0.00            | 0.00        | 3,900.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 4,000.0               | 0.00            | 0.00        | 4,000.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 4,100.0               | 0.00            | 0.00        | 4,100.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 4,200.0               | 0.00            | 0.00        | 4,200.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 4,300.0               | 0.00            | 0.00        | 4,300.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 4,400.0               | 0.00            | 0.00        | 4,400.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 4,500.0               | 0.00            | 0.00        | 4,500.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 4,542.0               | 0.00            | 0.00        | 4,542.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 4,600.0               | 0.35            | 44.28       | 4,600.0               | 0.1          | 0.1          | -0.1                    | 0.60                    | 0.60                   | 0.00                  |
| 4,700.0               | 0.95            | 44.28       | 4,700.0               | 0.9          | 0.9          | -0.9                    | 0.60                    | 0.60                   | 0.00                  |
| 4,800.0               | 1.55            | 44.28       | 4,800.0               | 2.5          | 2.4          | -2.3                    | 0.60                    | 0.60                   | 0.00                  |
| 4,900.0               | 2.15            | 44.28       | 4,899.9               | 4.8          | 4.7          | -4.4                    | 0.60                    | 0.60                   | 0.00                  |
| 5,000.0               | 2.75            | 44.28       | 4,999.8               | 7.9          | 7.7          | -7.2                    | 0.60                    | 0.60                   | 0.00                  |
| 5,100.0               | 3.35            | 44.28       | 5,099.7               | 11.7         | 11.4         | -10.7                   | 0.60                    | 0.60                   | 0.00                  |
| 5,200.0               | 3.95            | 44.28       | 5,199.5               | 16.2         | 15.8         | -14.9                   | 0.60                    | 0.60                   | 0.00                  |



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Local Co-ordinate Reference:  
TVD Reference: KB = 25 @ 3343.0usft  
MD Reference: KB = 25 @ 3343.0usft  
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) |
|-----------------------|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|-------------------------|------------------------|-----------------------|
| 5,300.0               | 4.55            | 44.28       | 5,299.2               | 21.5         | 21.0         | -19.8                   | 0.60                    | 0.60                   | 0.00                  |
| 5,400.0               | 5.15            | 44.28       | 5,398.8               | 27.6         | 26.9         | -25.4                   | 0.60                    | 0.60                   | 0.00                  |
| 5,473.6               | 5.59            | 44.28       | 5,472.1               | 32.5         | 31.7         | -29.9                   | 0.60                    | 0.60                   | 0.00                  |
| 5,500.0               | 5.59            | 44.28       | 5,498.4               | 34.3         | 33.5         | -31.6                   | 0.00                    | 0.00                   | 0.00                  |
| 5,600.0               | 5.59            | 44.28       | 5,597.9               | 41.3         | 40.3         | -38.0                   | 0.00                    | 0.00                   | 0.00                  |
| 5,700.0               | 5.59            | 44.28       | 5,697.4               | 48.3         | 47.1         | -44.4                   | 0.00                    | 0.00                   | 0.00                  |
| 5,800.0               | 5.59            | 44.28       | 5,797.0               | 55.3         | 53.9         | -50.9                   | 0.00                    | 0.00                   | 0.00                  |
| 5,900.0               | 5.59            | 44.28       | 5,896.5               | 62.2         | 60.7         | -57.3                   | 0.00                    | 0.00                   | 0.00                  |
| 6,000.0               | 5.59            | 44.28       | 5,996.0               | 69.2         | 67.5         | -63.7                   | 0.00                    | 0.00                   | 0.00                  |
| 6,100.0               | 5.59            | 44.28       | 6,095.5               | 76.2         | 74.3         | -70.1                   | 0.00                    | 0.00                   | 0.00                  |
| 6,200.0               | 5.59            | 44.28       | 6,195.1               | 83.2         | 81.1         | -76.5                   | 0.00                    | 0.00                   | 0.00                  |
| 6,300.0               | 5.59            | 44.28       | 6,294.6               | 90.1         | 87.9         | -83.0                   | 0.00                    | 0.00                   | 0.00                  |
| 6,400.0               | 5.59            | 44.28       | 6,394.1               | 97.1         | 94.7         | -89.4                   | 0.00                    | 0.00                   | 0.00                  |
| 6,500.0               | 5.59            | 44.28       | 6,493.6               | 104.1        | 101.5        | -95.8                   | 0.00                    | 0.00                   | 0.00                  |
| 6,600.0               | 5.59            | 44.28       | 6,593.2               | 111.1        | 108.3        | -102.2                  | 0.00                    | 0.00                   | 0.00                  |
| 6,700.0               | 5.59            | 44.28       | 6,692.7               | 118.0        | 115.1        | -108.6                  | 0.00                    | 0.00                   | 0.00                  |
| 6,800.0               | 5.59            | 44.28       | 6,792.2               | 125.0        | 121.9        | -115.0                  | 0.00                    | 0.00                   | 0.00                  |
| 6,900.0               | 5.59            | 44.28       | 6,891.7               | 132.0        | 128.7        | -121.5                  | 0.00                    | 0.00                   | 0.00                  |
| 7,000.0               | 5.59            | 44.28       | 6,991.3               | 138.9        | 135.5        | -127.9                  | 0.00                    | 0.00                   | 0.00                  |
| 7,100.0               | 5.59            | 44.28       | 7,090.8               | 145.9        | 142.3        | -134.3                  | 0.00                    | 0.00                   | 0.00                  |
| 7,200.0               | 5.59            | 44.28       | 7,190.3               | 152.9        | 149.1        | -140.7                  | 0.00                    | 0.00                   | 0.00                  |
| 7,300.0               | 5.59            | 44.28       | 7,289.8               | 159.9        | 155.9        | -147.1                  | 0.00                    | 0.00                   | 0.00                  |
| 7,400.0               | 5.59            | 44.28       | 7,389.4               | 166.8        | 162.7        | -153.6                  | 0.00                    | 0.00                   | 0.00                  |
| 7,500.0               | 5.59            | 44.28       | 7,488.9               | 173.8        | 169.5        | -160.0                  | 0.00                    | 0.00                   | 0.00                  |
| 7,600.0               | 5.59            | 44.28       | 7,588.4               | 180.8        | 176.3        | -166.4                  | 0.00                    | 0.00                   | 0.00                  |
| 7,700.0               | 5.59            | 44.28       | 7,687.9               | 187.8        | 183.1        | -172.8                  | 0.00                    | 0.00                   | 0.00                  |
| 7,800.0               | 5.59            | 44.28       | 7,787.5               | 194.7        | 189.9        | -179.2                  | 0.00                    | 0.00                   | 0.00                  |
| 7,900.0               | 5.59            | 44.28       | 7,887.0               | 201.7        | 196.7        | -185.6                  | 0.00                    | 0.00                   | 0.00                  |
| 8,000.0               | 5.59            | 44.28       | 7,986.5               | 208.7        | 203.5        | -192.1                  | 0.00                    | 0.00                   | 0.00                  |
| 8,100.0               | 5.59            | 44.28       | 8,086.0               | 215.7        | 210.3        | -198.5                  | 0.00                    | 0.00                   | 0.00                  |
| 8,200.0               | 5.59            | 44.28       | 8,185.6               | 222.6        | 217.1        | -204.9                  | 0.00                    | 0.00                   | 0.00                  |
| 8,300.0               | 5.59            | 44.28       | 8,285.1               | 229.6        | 223.9        | -211.3                  | 0.00                    | 0.00                   | 0.00                  |
| 8,400.0               | 5.59            | 44.28       | 8,384.6               | 236.6        | 230.7        | -217.7                  | 0.00                    | 0.00                   | 0.00                  |
| 8,500.0               | 5.59            | 44.28       | 8,484.1               | 243.5        | 237.5        | -224.1                  | 0.00                    | 0.00                   | 0.00                  |
| 8,600.0               | 5.59            | 44.28       | 8,583.7               | 250.5        | 244.3        | -230.6                  | 0.00                    | 0.00                   | 0.00                  |
| 8,700.0               | 5.59            | 44.28       | 8,683.2               | 257.5        | 251.1        | -237.0                  | 0.00                    | 0.00                   | 0.00                  |
| 8,800.0               | 5.59            | 44.28       | 8,782.7               | 264.5        | 257.9        | -243.4                  | 0.00                    | 0.00                   | 0.00                  |
| 8,900.0               | 5.59            | 44.28       | 8,882.2               | 271.4        | 264.7        | -249.8                  | 0.00                    | 0.00                   | 0.00                  |
| 9,000.0               | 5.59            | 44.28       | 8,981.8               | 278.4        | 271.5        | -256.2                  | 0.00                    | 0.00                   | 0.00                  |
| 9,100.0               | 5.59            | 44.28       | 9,081.3               | 285.4        | 278.3        | -262.7                  | 0.00                    | 0.00                   | 0.00                  |
| 9,200.0               | 5.59            | 44.28       | 9,180.8               | 292.4        | 285.1        | -269.1                  | 0.00                    | 0.00                   | 0.00                  |
| 9,300.0               | 5.59            | 44.28       | 9,280.3               | 299.3        | 291.9        | -275.5                  | 0.00                    | 0.00                   | 0.00                  |
| 9,400.0               | 5.59            | 44.28       | 9,379.9               | 306.3        | 298.7        | -281.9                  | 0.00                    | 0.00                   | 0.00                  |
| 9,500.0               | 5.59            | 44.28       | 9,479.4               | 313.3        | 305.5        | -288.3                  | 0.00                    | 0.00                   | 0.00                  |
| 9,600.0               | 5.59            | 44.28       | 9,578.9               | 320.3        | 312.3        | -294.7                  | 0.00                    | 0.00                   | 0.00                  |
| 9,700.0               | 5.59            | 44.28       | 9,678.4               | 327.2        | 319.1        | -301.2                  | 0.00                    | 0.00                   | 0.00                  |
| 9,800.0               | 5.59            | 44.28       | 9,778.0               | 334.2        | 325.9        | -307.6                  | 0.00                    | 0.00                   | 0.00                  |
| 9,900.0               | 5.59            | 44.28       | 9,877.5               | 341.2        | 332.7        | -314.0                  | 0.00                    | 0.00                   | 0.00                  |
| 10,000.0              | 5.59            | 44.28       | 9,977.0               | 348.1        | 339.5        | -320.4                  | 0.00                    | 0.00                   | 0.00                  |
| 10,100.0              | 5.59            | 44.28       | 10,076.5              | 355.1        | 346.3        | -326.8                  | 0.00                    | 0.00                   | 0.00                  |
| 10,200.0              | 5.59            | 44.28       | 10,176.0              | 362.1        | 353.1        | -333.2                  | 0.00                    | 0.00                   | 0.00                  |
| 10,300.0              | 5.59            | 44.28       | 10,275.6              | 369.1        | 359.9        | -339.7                  | 0.00                    | 0.00                   | 0.00                  |
| 10,400.0              | 5.59            | 44.28       | 10,375.1              | 376.0        | 366.7        | -346.1                  | 0.00                    | 0.00                   | 0.00                  |
| 10,500.0              | 5.59            | 44.28       | 10,474.6              | 383.0        | 373.5        | -352.5                  | 0.00                    | 0.00                   | 0.00                  |





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## Planning Report

Database: EDM 5000.1 Single User Db  
Company: EOG Resources - Midland  
Project: Lea County, NM (NAD 27 NME)  
Site: Calm Breeze 2Fed Com  
Well: #703H  
Wellbore: OH  
Design: Plan #0.1

Local Co-ordinate Reference: Well #703H  
TVD Reference: KB = 25 @ 3343.0usft  
MD Reference: KB = 25 @ 3343.0usft  
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) |
|-----------------------|-----------------|-------------|-----------------------|-------------|-------------|-------------------------|-------------------------|------------------------|-----------------------|
| 10,600.0              | 5.59            | 44.28       | 10,574.1              | 390.0       | 380.3       | -358.9                  | 0.00                    | 0.00                   | 0.00                  |
| 10,700.0              | 5.59            | 44.28       | 10,673.7              | 397.0       | 387.1       | -365.3                  | 0.00                    | 0.00                   | 0.00                  |
| 10,800.0              | 5.59            | 44.28       | 10,773.2              | 403.9       | 393.9       | -371.8                  | 0.00                    | 0.00                   | 0.00                  |
| 10,900.0              | 5.59            | 44.28       | 10,872.7              | 410.9       | 400.7       | -378.2                  | 0.00                    | 0.00                   | 0.00                  |
| 11,000.0              | 5.59            | 44.28       | 10,972.2              | 417.9       | 407.5       | -384.6                  | 0.00                    | 0.00                   | 0.00                  |
| 11,100.0              | 5.59            | 44.28       | 11,071.8              | 424.9       | 414.3       | -391.0                  | 0.00                    | 0.00                   | 0.00                  |
| 11,200.0              | 5.59            | 44.28       | 11,171.3              | 431.8       | 421.1       | -397.4                  | 0.00                    | 0.00                   | 0.00                  |
| 11,300.0              | 5.59            | 44.28       | 11,270.8              | 438.8       | 427.9       | -403.8                  | 0.00                    | 0.00                   | 0.00                  |
| 11,400.0              | 5.59            | 44.28       | 11,370.3              | 445.8       | 434.7       | -410.3                  | 0.00                    | 0.00                   | 0.00                  |
| 11,500.0              | 5.59            | 44.28       | 11,469.9              | 452.7       | 441.5       | -416.7                  | 0.00                    | 0.00                   | 0.00                  |
| 11,600.0              | 5.59            | 44.28       | 11,569.4              | 459.7       | 448.3       | -423.1                  | 0.00                    | 0.00                   | 0.00                  |
| 11,700.0              | 5.59            | 44.28       | 11,668.9              | 466.7       | 455.1       | -429.5                  | 0.00                    | 0.00                   | 0.00                  |
| 11,800.0              | 5.59            | 44.28       | 11,768.4              | 473.7       | 461.9       | -435.9                  | 0.00                    | 0.00                   | 0.00                  |
| 11,900.0              | 5.59            | 44.28       | 11,868.0              | 480.6       | 468.7       | -442.4                  | 0.00                    | 0.00                   | 0.00                  |
| 12,005.0              | 5.59            | 44.28       | 11,972.4              | 488.0       | 475.9       | -449.1                  | 0.00                    | 0.00                   | 0.00                  |
| 12,025.0              | 4.11            | 73.06       | 11,992.4              | 488.9       | 477.2       | -449.9                  | 14.00                   | -7.40                  | 143.74                |
| 12,050.0              | 4.58            | 120.25      | 12,017.3              | 488.6       | 478.9       | -449.5                  | 14.00                   | 1.88                   | 188.77                |
| 12,075.0              | 7.03            | 145.66      | 12,042.2              | 486.9       | 480.7       | -447.6                  | 14.00                   | 9.83                   | 101.64                |
| 12,100.0              | 10.12           | 156.89      | 12,066.9              | 483.6       | 482.4       | -444.2                  | 14.00                   | 12.36                  | 44.93                 |
| 12,125.0              | 13.41           | 162.79      | 12,091.4              | 478.8       | 484.1       | -439.3                  | 14.00                   | 13.16                  | 23.61                 |
| 12,150.0              | 16.79           | 166.38      | 12,115.5              | 472.5       | 485.8       | -432.9                  | 14.00                   | 13.50                  | 14.35                 |
| 12,175.0              | 20.21           | 168.79      | 12,139.2              | 464.8       | 487.5       | -425.0                  | 14.00                   | 13.66                  | 9.64                  |
| 12,200.0              | 23.64           | 170.52      | 12,162.4              | 455.6       | 489.2       | -415.8                  | 14.00                   | 13.76                  | 6.94                  |
| 12,225.0              | 27.10           | 171.84      | 12,185.0              | 445.0       | 490.8       | -405.1                  | 14.00                   | 13.82                  | 5.26                  |
| 12,250.0              | 30.56           | 172.88      | 12,206.9              | 433.0       | 492.4       | -393.0                  | 14.00                   | 13.86                  | 4.15                  |
| 12,275.0              | 34.03           | 173.72      | 12,228.0              | 419.8       | 494.0       | -379.7                  | 14.00                   | 13.88                  | 3.38                  |
| 12,300.0              | 37.51           | 174.43      | 12,248.3              | 405.2       | 495.5       | -365.1                  | 14.00                   | 13.90                  | 2.82                  |
| 12,325.0              | 40.99           | 175.03      | 12,267.7              | 389.5       | 496.9       | -349.3                  | 14.00                   | 13.92                  | 2.41                  |
| 12,350.0              | 44.47           | 175.55      | 12,286.0              | 372.6       | 498.3       | -332.3                  | 14.00                   | 13.93                  | 2.09                  |
| 12,375.0              | 47.96           | 176.01      | 12,303.3              | 354.6       | 499.6       | -314.3                  | 14.00                   | 13.94                  | 1.85                  |
| 12,400.0              | 51.44           | 176.43      | 12,319.5              | 335.6       | 500.9       | -295.2                  | 14.00                   | 13.94                  | 1.65                  |
| 12,425.0              | 54.93           | 176.80      | 12,334.5              | 315.6       | 502.1       | -275.2                  | 14.00                   | 13.95                  | 1.50                  |
| 12,450.0              | 58.42           | 177.15      | 12,348.2              | 294.7       | 503.2       | -254.3                  | 14.00                   | 13.95                  | 1.38                  |
| 12,475.0              | 61.91           | 177.47      | 12,360.6              | 273.1       | 504.2       | -232.6                  | 14.00                   | 13.96                  | 1.28                  |
| 12,500.0              | 65.40           | 177.76      | 12,371.7              | 250.7       | 505.1       | -210.3                  | 14.00                   | 13.96                  | 1.20                  |
| 12,525.0              | 68.89           | 178.05      | 12,381.5              | 227.7       | 506.0       | -187.2                  | 14.00                   | 13.96                  | 1.13                  |
| 12,550.0              | 72.38           | 178.32      | 12,389.7              | 204.1       | 506.7       | -163.7                  | 14.00                   | 13.96                  | 1.08                  |
| FTP(CB 2FC #703H)     |                 |             |                       |             |             |                         |                         |                        |                       |
| 12,575.0              | 75.87           | 178.58      | 12,396.6              | 180.1       | 507.4       | -139.7                  | 14.00                   | 13.96                  | 1.04                  |
| 12,600.0              | 79.36           | 178.83      | 12,401.9              | 155.7       | 507.9       | -115.3                  | 14.00                   | 13.97                  | 1.01                  |
| 12,625.0              | 82.85           | 179.08      | 12,405.8              | 131.0       | 508.4       | -90.7                   | 14.00                   | 13.97                  | 0.99                  |
| 12,650.0              | 86.34           | 179.32      | 12,408.2              | 106.1       | 508.7       | -65.8                   | 14.00                   | 13.97                  | 0.97                  |
| 12,676.2              | 90.00           | 179.57      | 12,409.0              | 79.9        | 509.0       | -39.7                   | 14.00                   | 13.97                  | 0.96                  |
| 12,700.0              | 90.00           | 179.57      | 12,409.0              | 56.1        | 509.2       | -16.0                   | 0.00                    | 0.00                   | 0.00                  |
| 12,800.0              | 90.00           | 179.57      | 12,409.0              | -43.9       | 509.9       | 83.8                    | 0.00                    | 0.00                   | 0.00                  |
| 12,900.0              | 90.00           | 179.57      | 12,409.0              | -143.9      | 510.6       | 183.5                   | 0.00                    | 0.00                   | 0.00                  |
| 13,000.0              | 90.00           | 179.57      | 12,409.0              | -243.9      | 511.4       | 283.3                   | 0.00                    | 0.00                   | 0.00                  |
| 13,100.0              | 90.00           | 179.57      | 12,409.0              | -343.9      | 512.1       | 383.0                   | 0.00                    | 0.00                   | 0.00                  |
| 13,200.0              | 90.00           | 179.57      | 12,409.0              | -443.9      | 512.9       | 482.8                   | 0.00                    | 0.00                   | 0.00                  |
| 13,300.0              | 90.00           | 179.57      | 12,409.0              | -543.9      | 513.6       | 582.5                   | 0.00                    | 0.00                   | 0.00                  |
| 13,400.0              | 90.00           | 179.57      | 12,409.0              | -643.9      | 514.4       | 682.3                   | 0.00                    | 0.00                   | 0.00                  |
| 13,500.0              | 90.00           | 179.57      | 12,409.0              | -743.9      | 515.1       | 782.0                   | 0.00                    | 0.00                   | 0.00                  |
| 13,600.0              | 90.00           | 179.57      | 12,409.0              | -843.9      | 515.9       | 881.8                   | 0.00                    | 0.00                   | 0.00                  |



# EOG Resources, Inc.

## Planning Report

Database: EDM 5000.1 Single User Db  
 Company: EOG Resources - Midland  
 Project: Lea County, NM (NAD 27 NME)  
 Site: Calm Breeze 2Fed Com  
 Well: #703H  
 Wellbore: OH  
 Design: Plan #0.1

Local Co-ordinate Reference: Well #703H  
 TVD Reference: KB = 25 @ 3343.0usft  
 MD Reference: KB = 25 @ 3343.0usft  
 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) |
|-----------------------|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|-------------------------|------------------------|-----------------------|
| 13,700.0              | 90.00           | 179.57      | 12,409.0              | -943.9       | 516.6        | 981.5                   | 0.00                    | 0.00                   | 0.00                  |
| 13,800.0              | 90.00           | 179.57      | 12,409.0              | -1,043.9     | 517.4        | 1,081.3                 | 0.00                    | 0.00                   | 0.00                  |
| 13,900.0              | 90.00           | 179.57      | 12,409.0              | -1,143.9     | 518.1        | 1,181.0                 | 0.00                    | 0.00                   | 0.00                  |
| 14,000.0              | 90.00           | 179.57      | 12,409.0              | -1,243.8     | 518.9        | 1,280.7                 | 0.00                    | 0.00                   | 0.00                  |
| 14,100.0              | 90.00           | 179.57      | 12,409.0              | -1,343.8     | 519.6        | 1,380.5                 | 0.00                    | 0.00                   | 0.00                  |
| 14,200.0              | 90.00           | 179.57      | 12,409.0              | -1,443.8     | 520.4        | 1,480.2                 | 0.00                    | 0.00                   | 0.00                  |
| 14,300.0              | 90.00           | 179.57      | 12,409.0              | -1,543.8     | 521.1        | 1,580.0                 | 0.00                    | 0.00                   | 0.00                  |
| 14,400.0              | 90.00           | 179.57      | 12,409.0              | -1,643.8     | 521.9        | 1,679.7                 | 0.00                    | 0.00                   | 0.00                  |
| 14,500.0              | 90.00           | 179.57      | 12,409.0              | -1,743.8     | 522.6        | 1,779.5                 | 0.00                    | 0.00                   | 0.00                  |
| 14,600.0              | 90.00           | 179.57      | 12,409.0              | -1,843.8     | 523.4        | 1,879.2                 | 0.00                    | 0.00                   | 0.00                  |
| 14,700.0              | 90.00           | 179.57      | 12,409.0              | -1,943.8     | 524.1        | 1,979.0                 | 0.00                    | 0.00                   | 0.00                  |
| 14,800.0              | 90.00           | 179.57      | 12,409.0              | -2,043.8     | 524.8        | 2,078.7                 | 0.00                    | 0.00                   | 0.00                  |
| 14,900.0              | 90.00           | 179.57      | 12,409.0              | -2,143.8     | 525.6        | 2,178.5                 | 0.00                    | 0.00                   | 0.00                  |
| 15,000.0              | 90.00           | 179.57      | 12,409.0              | -2,243.8     | 526.3        | 2,278.2                 | 0.00                    | 0.00                   | 0.00                  |
| 15,100.0              | 90.00           | 179.57      | 12,409.0              | -2,343.8     | 527.1        | 2,378.0                 | 0.00                    | 0.00                   | 0.00                  |
| 15,200.0              | 90.00           | 179.57      | 12,409.0              | -2,443.8     | 527.8        | 2,477.7                 | 0.00                    | 0.00                   | 0.00                  |
| 15,300.0              | 90.00           | 179.57      | 12,409.0              | -2,543.8     | 528.6        | 2,577.5                 | 0.00                    | 0.00                   | 0.00                  |
| 15,400.0              | 90.00           | 179.57      | 12,409.0              | -2,643.8     | 529.3        | 2,677.2                 | 0.00                    | 0.00                   | 0.00                  |
| 15,500.0              | 90.00           | 179.57      | 12,409.0              | -2,743.8     | 530.1        | 2,777.0                 | 0.00                    | 0.00                   | 0.00                  |
| 15,600.0              | 90.00           | 179.57      | 12,409.0              | -2,843.8     | 530.8        | 2,876.7                 | 0.00                    | 0.00                   | 0.00                  |
| 15,700.0              | 90.00           | 179.57      | 12,409.0              | -2,943.8     | 531.6        | 2,976.5                 | 0.00                    | 0.00                   | 0.00                  |
| 15,800.0              | 90.00           | 179.57      | 12,409.0              | -3,043.8     | 532.3        | 3,076.2                 | 0.00                    | 0.00                   | 0.00                  |
| 15,900.0              | 90.00           | 179.57      | 12,409.0              | -3,143.8     | 533.1        | 3,175.9                 | 0.00                    | 0.00                   | 0.00                  |
| 16,000.0              | 90.00           | 179.57      | 12,409.0              | -3,243.8     | 533.8        | 3,275.7                 | 0.00                    | 0.00                   | 0.00                  |
| 16,100.0              | 90.00           | 179.57      | 12,409.0              | -3,343.8     | 534.6        | 3,375.4                 | 0.00                    | 0.00                   | 0.00                  |
| 16,200.0              | 90.00           | 179.57      | 12,409.0              | -3,443.8     | 535.3        | 3,475.2                 | 0.00                    | 0.00                   | 0.00                  |
| 16,300.0              | 90.00           | 179.57      | 12,409.0              | -3,543.8     | 536.1        | 3,574.9                 | 0.00                    | 0.00                   | 0.00                  |
| 16,400.0              | 90.00           | 179.57      | 12,409.0              | -3,643.8     | 536.8        | 3,674.7                 | 0.00                    | 0.00                   | 0.00                  |
| 16,500.0              | 90.00           | 179.57      | 12,409.0              | -3,743.8     | 537.6        | 3,774.4                 | 0.00                    | 0.00                   | 0.00                  |
| 16,600.0              | 90.00           | 179.57      | 12,409.0              | -3,843.8     | 538.3        | 3,874.2                 | 0.00                    | 0.00                   | 0.00                  |
| 16,700.0              | 90.00           | 179.57      | 12,409.0              | -3,943.8     | 539.0        | 3,973.9                 | 0.00                    | 0.00                   | 0.00                  |
| 16,800.0              | 90.00           | 179.57      | 12,409.0              | -4,043.8     | 539.8        | 4,073.7                 | 0.00                    | 0.00                   | 0.00                  |
| 16,900.0              | 90.00           | 179.57      | 12,409.0              | -4,143.8     | 540.5        | 4,173.4                 | 0.00                    | 0.00                   | 0.00                  |
| 17,000.0              | 90.00           | 179.57      | 12,409.0              | -4,243.8     | 541.3        | 4,273.2                 | 0.00                    | 0.00                   | 0.00                  |
| 17,100.0              | 90.00           | 179.57      | 12,409.0              | -4,343.8     | 542.0        | 4,372.9                 | 0.00                    | 0.00                   | 0.00                  |
| 17,200.0              | 90.00           | 179.57      | 12,409.0              | -4,443.8     | 542.8        | 4,472.7                 | 0.00                    | 0.00                   | 0.00                  |
| 17,300.0              | 90.00           | 179.57      | 12,409.0              | -4,543.8     | 543.5        | 4,572.4                 | 0.00                    | 0.00                   | 0.00                  |
| 17,400.0              | 90.00           | 179.57      | 12,409.0              | -4,643.8     | 544.3        | 4,672.2                 | 0.00                    | 0.00                   | 0.00                  |
| 17,500.0              | 90.00           | 179.57      | 12,409.0              | -4,743.8     | 545.0        | 4,771.9                 | 0.00                    | 0.00                   | 0.00                  |
| 17,600.0              | 90.00           | 179.57      | 12,409.0              | -4,843.7     | 545.8        | 4,871.6                 | 0.00                    | 0.00                   | 0.00                  |
| 17,700.0              | 90.00           | 179.57      | 12,409.0              | -4,943.7     | 546.5        | 4,971.4                 | 0.00                    | 0.00                   | 0.00                  |
| 17,800.0              | 90.00           | 179.57      | 12,409.0              | -5,043.7     | 547.3        | 5,071.1                 | 0.00                    | 0.00                   | 0.00                  |
| 17,900.0              | 90.00           | 179.57      | 12,409.0              | -5,143.7     | 548.0        | 5,170.9                 | 0.00                    | 0.00                   | 0.00                  |
| 18,000.0              | 90.00           | 179.57      | 12,409.0              | -5,243.7     | 548.8        | 5,270.6                 | 0.00                    | 0.00                   | 0.00                  |
| 18,100.0              | 90.00           | 179.57      | 12,409.0              | -5,343.7     | 549.5        | 5,370.4                 | 0.00                    | 0.00                   | 0.00                  |
| 18,200.0              | 90.00           | 179.57      | 12,409.0              | -5,443.7     | 550.3        | 5,470.1                 | 0.00                    | 0.00                   | 0.00                  |
| 18,300.0              | 90.00           | 179.57      | 12,409.0              | -5,543.7     | 551.0        | 5,569.9                 | 0.00                    | 0.00                   | 0.00                  |
| 18,400.0              | 90.00           | 179.57      | 12,409.0              | -5,643.7     | 551.8        | 5,669.6                 | 0.00                    | 0.00                   | 0.00                  |
| 18,500.0              | 90.00           | 179.57      | 12,409.0              | -5,743.7     | 552.5        | 5,769.4                 | 0.00                    | 0.00                   | 0.00                  |
| 18,600.0              | 90.00           | 179.57      | 12,409.0              | -5,843.7     | 553.3        | 5,869.1                 | 0.00                    | 0.00                   | 0.00                  |
| 18,700.0              | 90.00           | 179.57      | 12,409.0              | -5,943.7     | 554.0        | 5,968.9                 | 0.00                    | 0.00                   | 0.00                  |
| 18,800.0              | 90.00           | 179.57      | 12,409.0              | -6,043.7     | 554.7        | 6,068.6                 | 0.00                    | 0.00                   | 0.00                  |
| 18,900.0              | 90.00           | 179.57      | 12,409.0              | -6,143.7     | 555.5        | 6,168.4                 | 0.00                    | 0.00                   | 0.00                  |
| 19,000.0              | 90.00           | 179.57      | 12,409.0              | -6,243.7     | 556.2        | 6,268.1                 | 0.00                    | 0.00                   | 0.00                  |





# EOG Resources, Inc.

## Planning Report

**Database:** EDM 5000.1 Single User Db  
**Company:** EOG Resources - Midland  
**Project:** Lea County, NM (NAD 27 NME)  
**Site:** Calm Breeze 2Fed Com  
**Well:** #703H  
**Wellbore:** OH  
**Design:** Plan #0.1

**Local Co-ordinate Reference:** Well #703H  
**TVD Reference:** KB = 25 @ 3343.0usft  
**MD Reference:** KB = 25 @ 3343.0usft  
**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) |
|-----------------------|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|-------------------------|------------------------|-----------------------|
| 19,100.0              | 90.00           | 179.57      | 12,409.0              | -6,343.7     | 557.0        | 6,367.9                 | 0.00                    | 0.00                   | 0.00                  |
| 19,200.0              | 90.00           | 179.57      | 12,409.0              | -6,443.7     | 557.7        | 6,467.6                 | 0.00                    | 0.00                   | 0.00                  |
| 19,300.0              | 90.00           | 179.57      | 12,409.0              | -6,543.7     | 558.5        | 6,567.3                 | 0.00                    | 0.00                   | 0.00                  |
| 19,400.0              | 90.00           | 179.57      | 12,409.0              | -6,643.7     | 559.2        | 6,667.1                 | 0.00                    | 0.00                   | 0.00                  |
| 19,500.0              | 90.00           | 179.57      | 12,409.0              | -6,743.7     | 560.0        | 6,766.8                 | 0.00                    | 0.00                   | 0.00                  |
| 19,600.0              | 90.00           | 179.57      | 12,409.0              | -6,843.7     | 560.7        | 6,866.6                 | 0.00                    | 0.00                   | 0.00                  |
| 19,700.0              | 90.00           | 179.57      | 12,409.0              | -6,943.7     | 561.5        | 6,966.3                 | 0.00                    | 0.00                   | 0.00                  |
| 19,800.0              | 90.00           | 179.57      | 12,409.0              | -7,043.7     | 562.2        | 7,066.1                 | 0.00                    | 0.00                   | 0.00                  |
| 19,904.3              | 90.00           | 179.57      | 12,409.0              | -7,148.0     | 563.0        | 7,170.1                 | 0.00                    | 0.00                   | 0.00                  |
| PBHL(CB 2FC #703H)    |                 |             |                       |              |              |                         |                         |                        |                       |

### Design Targets

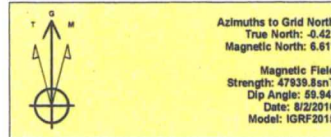
| Target Name<br>- hit/miss target<br>- Shape                                                                               | Dip Angle (°) | Dip Dir. (°) | TVD (usft) | +N/-S (usft) | +E/-W (usft) | Northing (usft) | Easting (usft) | Latitude        | Longitude         |
|---------------------------------------------------------------------------------------------------------------------------|---------------|--------------|------------|--------------|--------------|-----------------|----------------|-----------------|-------------------|
| PBHL(CB 2FC #703H)<br>- plan hits target center<br>- Point                                                                | 0.00          | 0.00         | 12,409.0   | -7,148.0     | 563.0        | 383,247.00      | 743,322.00     | 32° 3' 4.421 N  | 103° 32' 52.743 W |
| FTP(CB 2FC #703H)<br>- plan misses target center by 20.2usft at 12550.0usft MD (12389.7 TVD, 204.1 N, 506.7 E)<br>- Point | 0.00          | 0.00         | 12,409.0   | 210.0        | 508.0        | 390,605.00      | 743,267.00     | 32° 4' 17.238 N | 103° 32' 52.760 W |



Lea County, NM (NAD 27 NME)  
Calm Breeze 2Fed Com #703H  
Plan #0.1

PROJECT DETAILS: Lea County, NM (NAD 27 NME)

Geodetic System: US State Plane 1927 (Exact solution)  
Datum: NAD 1927 (NADCON CONUS)  
Ellipsoid: Clarke 1866  
Zone: New Mexico East 3001  
System Datum: Mean Sea Level



To convert a Magnetic Direction to a Grid Direction, Add 6.61°  
To convert a Magnetic Direction to a True Direction, Add 7.03° East  
To convert a True Direction to a Grid Direction, Subtract 6.42°

WELL DETAILS: #703H

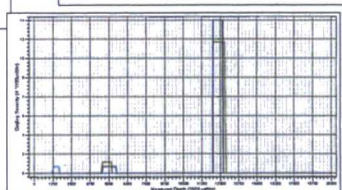
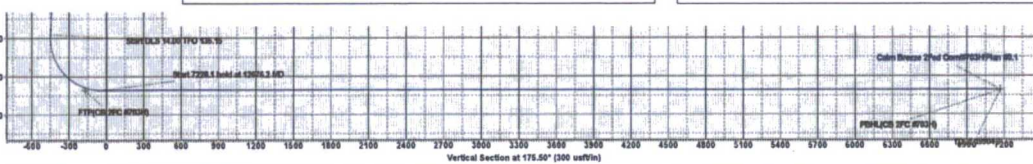
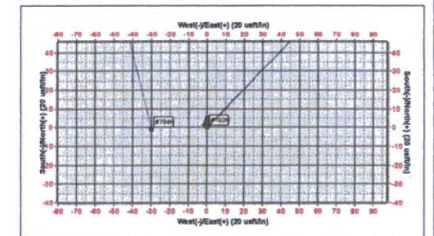
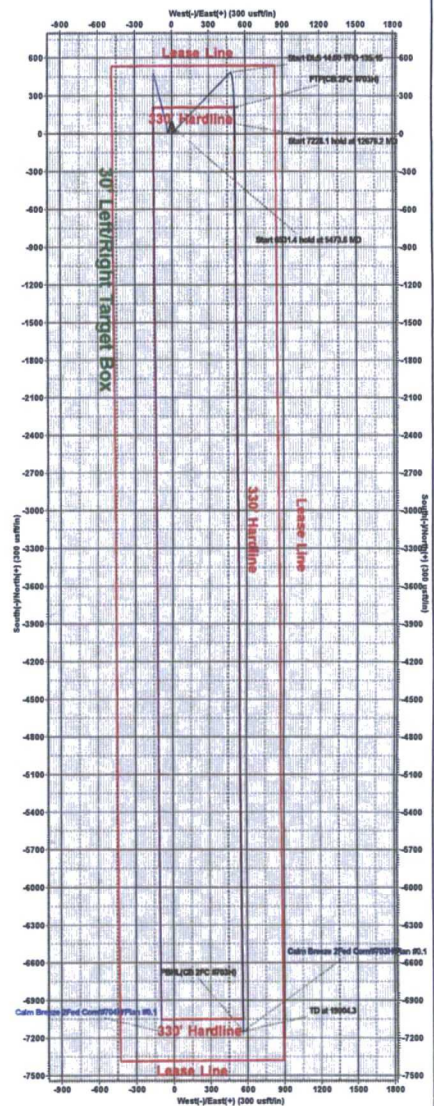
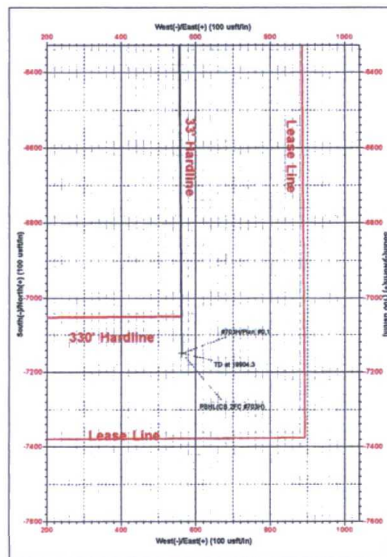
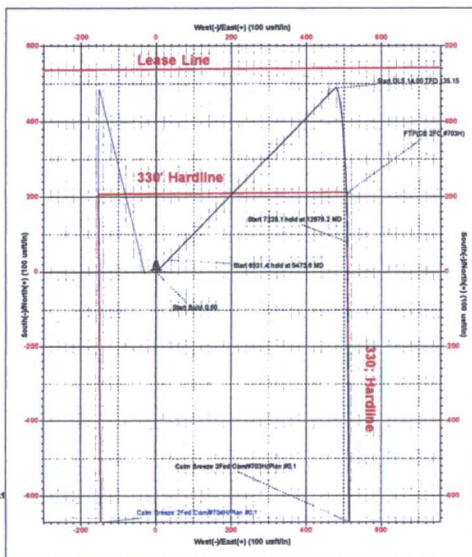
|                   | +N/-S | +E/-W | Northing  | Eastings  | Latitude        | Longitude         | Spot |
|-------------------|-------|-------|-----------|-----------|-----------------|-------------------|------|
| Ground Level:     |       |       | 3318.0    |           |                 |                   |      |
| KB = 25 @ 3343.0m |       |       |           |           |                 |                   |      |
|                   | 0.0   | 0.0   | 390395.00 | 742759.00 | 32° 4' 15.196 N | 103° 32' 58.661 W |      |

SECTION DETAILS

| Sec | MD      | Inc   | Azi    | TVD     | +N/-S   | +E/-W | Dleg  | TFace  | Vsect  | Target             |
|-----|---------|-------|--------|---------|---------|-------|-------|--------|--------|--------------------|
| 1   | 0.0     | 0.00  | 0.00   | 0.0     | 0.0     | 0.0   | 0.00  | 0.00   | 0.0    |                    |
| 2   | 4542.0  | 0.00  | 0.00   | 4542.0  | 0.0     | 0.0   | 0.00  | 0.00   | 0.0    |                    |
| 3   | 5473.6  | 5.59  | 44.28  | 5472.1  | 32.5    | 31.7  | 0.60  | 44.28  | -29.9  |                    |
| 4   | 12005.0 | 5.59  | 44.28  | 11972.4 | 488.0   | 475.9 | 0.00  | 0.00   | -449.1 |                    |
| 5   | 12676.2 | 90.00 | 179.57 | 12409.0 | 79.9    | 509.0 | 14.00 | 135.15 | -39.7  |                    |
| 6   | 19904.3 | 90.00 | 179.57 | 12409.0 | -7148.0 | 563.0 | 0.00  | 0.00   | 7170.1 | PBHL(CB 2FC #703H) |

WELLBORE TARGET DETAILS (MAP CO-ORDINATES)

| Name               | TVD     | +N/-S   | +E/-W | Northing  | Eastings  | Shape |
|--------------------|---------|---------|-------|-----------|-----------|-------|
| FTFC(CB 2FC #703H) | 12409.0 | 210.0   | 508.0 | 390606.00 | 743287.00 | Point |
| PBHL(CB 2FC #703H) | 12409.0 | -7148.0 | 563.0 | 393247.00 | 743322.00 | Point |



Lea County, NM (NAD 27 NME)  
Calm Breeze 2Fed Com #703H  
Plan #0.1  
8/2/2016