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District IV  
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Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico  
Energy, Minerals & Natural Resources  
Department  
OIL CONSERVATION DIVISION  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

FORM C-102  
Revised August 1, 2011  
Submit one copy to appropriate  
District Office

☐ AMENDED REPORT

JAN 28 2015

RECEIVED  
WELL LOCATION AND ACREAGE DEDICATION PLAT

|                                         |                                                    |                                 |                                                         |
|-----------------------------------------|----------------------------------------------------|---------------------------------|---------------------------------------------------------|
| <sup>1</sup> API Number<br>30-025-42384 |                                                    | <sup>2</sup> Pool Code<br>96682 | <sup>3</sup> Pool Name<br>Triste Draw; Bone Spring East |
| <sup>4</sup> Property Code<br>314122    | <sup>5</sup> Property Name<br>FRAZIER 34 STATE Com |                                 | <sup>6</sup> Well Number<br>#504H                       |
| <sup>7</sup> GRID No.<br>7377           | <sup>8</sup> Operator Name<br>EOG RESOURCES, INC.  |                                 | <sup>9</sup> Elevation<br>3496'                         |

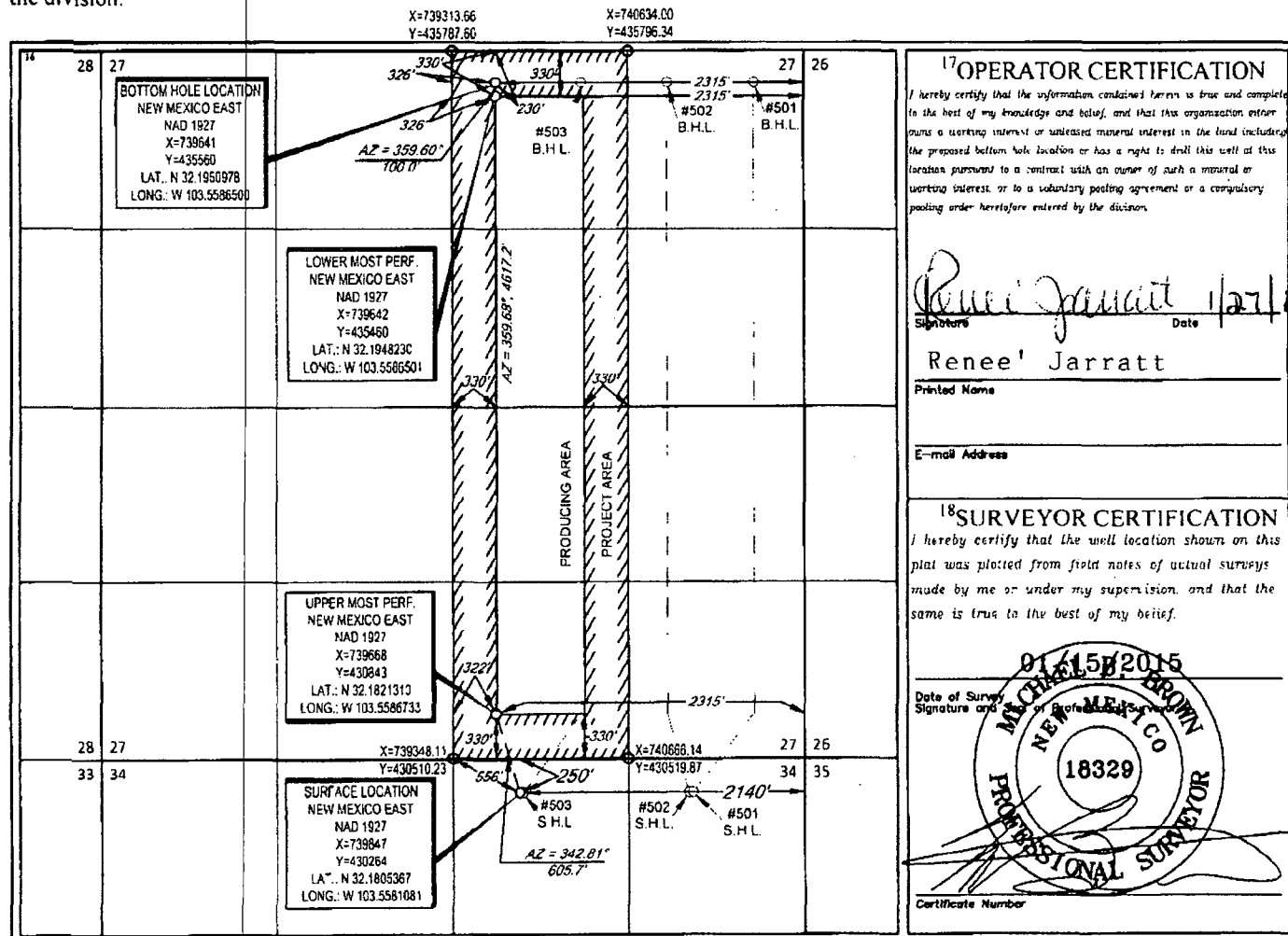
<sup>10</sup>Surface Location

| U/L or lot no. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|----------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| B              | 34      | 24-S     | 33-E  | -       | 250'          | NORTH            | 2140'         | EAST           | LEA    |

| U/L or lot no. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|----------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| B              | 27      | 24-S     | 33-E  | -       | 230'          | NORTH            | 2315'         | EAST           | LEA    |

|                                         |                               |                                  |                         |
|-----------------------------------------|-------------------------------|----------------------------------|-------------------------|
| <sup>11</sup> Dedicated Acres<br>160.00 | <sup>12</sup> Joint or Infill | <sup>13</sup> Consolidation Code | <sup>14</sup> Order No. |
|-----------------------------------------|-------------------------------|----------------------------------|-------------------------|

No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.



JAN 29 2015

30-025-42389

**Permit Information:**

Well Name: Frazier 34 State Com No. 504H

**Location:**

SL: 250' FNL &amp; 2140' FEL, Section 34, T-24-S, R-33-E, Lea Co., N.M.

BHL: 230' FNL &amp; 2315' FEL, Section 27, T-24-S, R-33-E, Lea Co., N.M.

**Casing Program:**

| Hole Size | Interval      | Csg OD  | Weight | Grade   | Conn | DF <sub>min</sub> Collapse | DF <sub>min</sub> Burst | DF <sub>min</sub> Tension |
|-----------|---------------|---------|--------|---------|------|----------------------------|-------------------------|---------------------------|
| 17.5"     | 0 - 1225'     | 13.375" | 54.5#  | J55     | STC  | 1.125                      | 1.25                    | 1.60                      |
| 12.25"    | 0-4000'       | 9.625"  | 40#    | J55     | LTC  | 1.125                      | 1.25                    | 1.60                      |
| 12.25"    | 4000' - 5000' | 9.625"  | 40#    | HCK-55  | LTC  | 1.125                      | 1.25                    | 1.60                      |
| 8.75"     | 0'-15,928'    | 5.5"    | 17#    | HCP-110 | LTC  | 1.125                      | 1.25                    | 1.60                      |

**Cement Program:**

| Depth   | No. Sacks | Wt. ppg | Yld Ft <sup>3</sup> /ft | Slurry Description                                                                                                                          |
|---------|-----------|---------|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|
| 1225'   | 500       | 13.5    | 1.73                    | Class C + 4.0% Bentonite + 0.6% CD-32 + 0.5% CaCl <sub>2</sub> + 0.25 lb/sk Cello-Flake (TOC @ Surface)                                     |
|         | 200       | 14.8    | 1.34                    | Class C + 0.6% FL-62 + 0.25 lb/sk Cello-Flake + 0.2% Sodium Metasilicate                                                                    |
| 5,000'  | 800       | 12.7    | 2.22                    | Class 'C' + 1.50% R-3 + 0.25 lb/sk Cello-Flake + 2.0% Sodium Metasilicate + 10% Salt + 0.005 lb/sk Static Free (TOC @ Surface)              |
|         | 200       | 14.8    | 1.32                    | Tail: Class 'C' + 0.25 lb/sk Cello Flake + 0.005 lb/sk Static Free                                                                          |
| 15,928' | 375       | 10.8    | 3.67                    | 60:40:0 Class C + 15.0 pps BA-90 + 4% MPA-5 + 3.0% SMS + 5.0% A-10 + 1.0% BA-10A + 0.80% ASA-301 + 2.55% R-21 + 8.0 pps LCM-1 (TOC @ 4500') |
|         | 400       | 11.8    | 2.38                    | 50:50:10 Class H + 0.80% FL-52 + 0.30% ASA-301 + 0.40% SMS + 2.0% Salt + 0.30% R-21 + 3.0 pps LCM-1 + 0.25 pps Celloflake                   |
|         | 1300      | 14.2    | 1.28                    | 50:50:2 Class H + 0.65% FL-52 + 0.45% CD-32 + 0.10% SMS + 2.0% Salt                                                                         |

**Mud Program:**

| Depth                        | Type        | Weight (ppg) | Viscosity | Water Loss |
|------------------------------|-------------|--------------|-----------|------------|
| 0 - 1225'                    | Fresh - Gel | 8.6-8.8      | 28-34     | N/c        |
| 1205' - 5,000'               | Brine       | 10.0-10.2    | 28-34     | N/c        |
| 5,000' - 10,310'             | Cut Brine   | 8.4-9.0      | 28-34     | N/c        |
| 10,310' - 15,928'<br>Lateral | Cut Brine   | 9.0-9.5      | 40-42     | 8-10       |

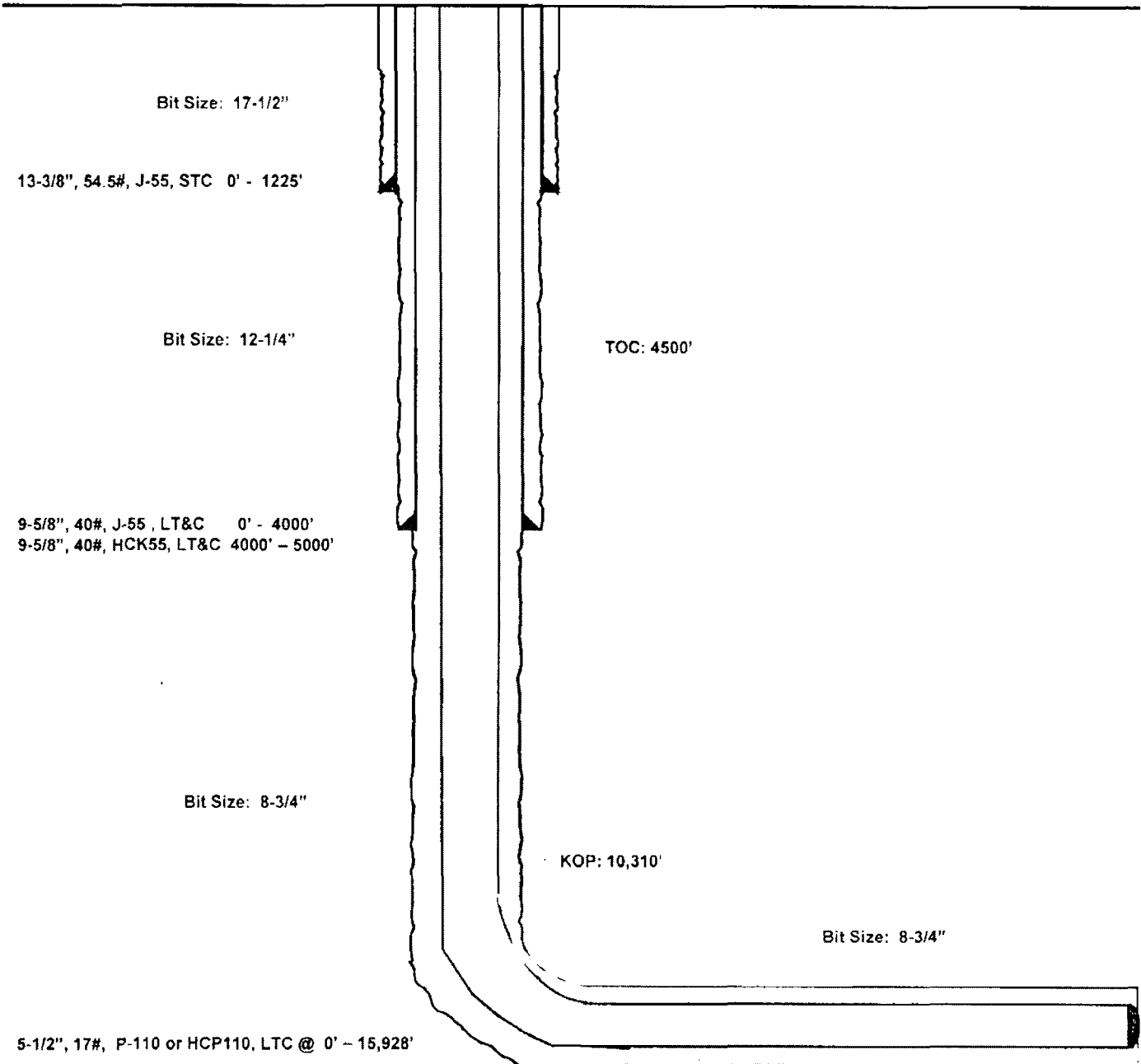
Frazier 34 State Com #504H  
Lea County, New Mexico

250' FNL  
2140' FEL  
Section 34  
T-24-S, R-33-E

Proposed Wellbore

API: 30-025-

KB: 3,521'  
GL: 3,496'



Lateral: 15,928' MD, 10,863' TVD

BH Location: 230' FNL & 2315' FEL  
Section 27  
T-24-S, R-33-E



Lea County, NM (NAD 27 NME)

Frazier 34 State Com #504H

H&P 260

Plan #1

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

Geodetic System: US State Plane 1927 (Exact solution)  
Datum: NAD 1927 (NADCON CONUS)  
Ellipsoid: Clarke 1886  
Zone: New Mexico East 3001  
System Datum: Mean Sea Level

WELL DETAILS: #504H

Ground Level: 3496.0  
KB = 24 @ 3521.0' (H&P 260)  
Northing: 430264.00 Easting: 739847.00 Latitude: 32° 10' 49.833 N Longitude: 105° 33' 29.187 W

### SECTION DETAILS

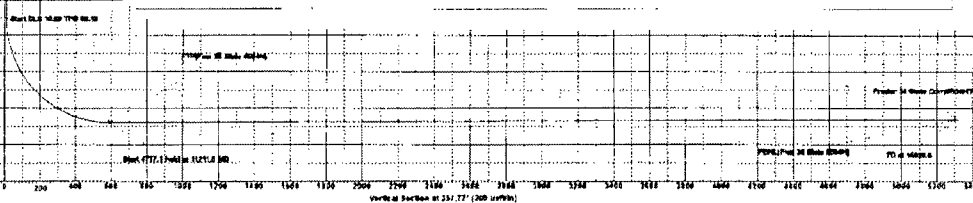
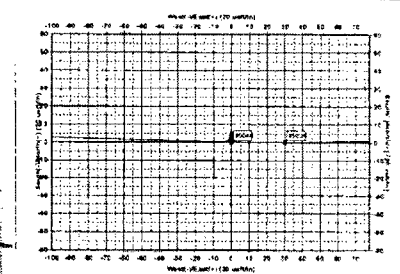
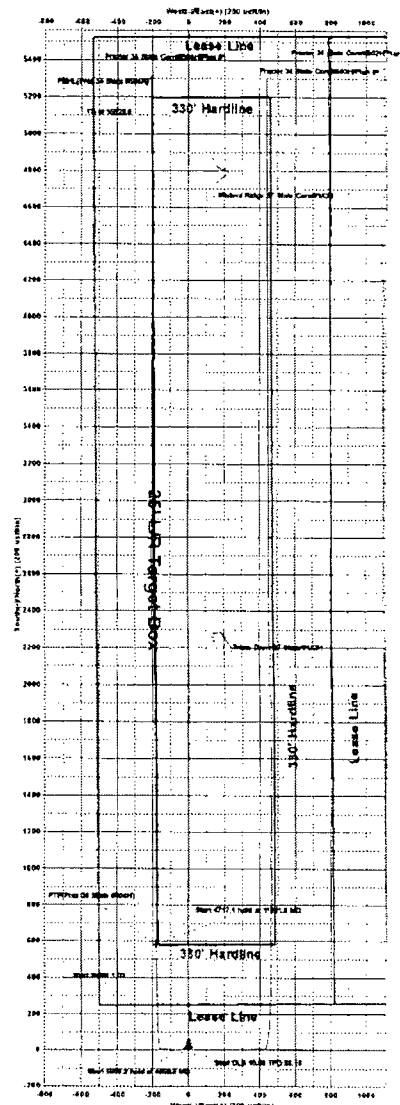
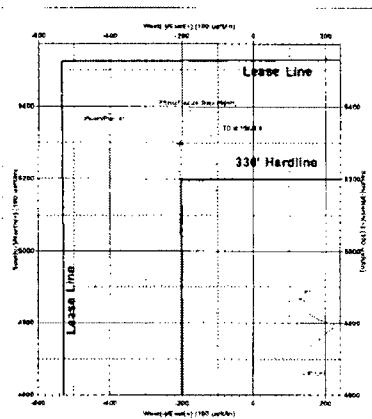
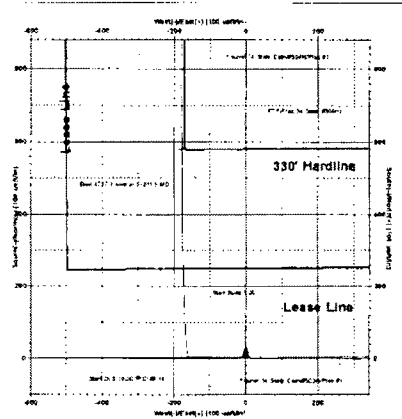
| Sec | MD      | Inc   | Azi    | TVD     | +N/-S  | +E/-W  | Diag  | TFace  | VFace  | Target                    |
|-----|---------|-------|--------|---------|--------|--------|-------|--------|--------|---------------------------|
| 1   | 0.0     | 0.00  | 0.00   | 0.0     | 0.0    | 0.0    | 0.00  | 0.00   | 0.0    |                           |
| 2   | 4500.0  | 0.00  | 0.00   | 4500.0  | 0.0    | 0.0    | 0.00  | 0.00   | 0.0    |                           |
| 3   | 4659.8  | 1.60  | 271.49 | 4659.7  | 0.1    | -2.2   | 1.00  | 271.49 | 0.1    |                           |
| 4   | 10310.0 | 1.60  | 271.49 | 10307.8 | 4.1    | -159.7 | 0.00  | 0.00   | 10.3   |                           |
| 5   | 11211.5 | 90.20 | 359.67 | 10880.0 | 579.0  | -179.0 | 10.00 | 88.18  | 585.5  | FTP(Fraz 34 State #504H)  |
| 6   | 15928.6 | 90.20 | 359.67 | 10863.5 | 5296.0 | -206.0 | 0.00  | 0.00   | 5300.0 | PBHL(Fraz 34 State #504H) |

### CASING DETAILS

No casing data is available

### WELLBORE TARGET DETAILS (MAP COORDINATES)

| Name                      | TVD     | +N/-S  | +E/-W  | Northing  | Easting   |
|---------------------------|---------|--------|--------|-----------|-----------|
| PBHL(Fraz 34 State #504H) | 10813.5 | 5296.0 | -206.0 | 436680.00 | 739847.00 |
| FTP(Fraz 34 State #504H)  | 10880.0 | 579.0  | -179.0 | 430843.00 | 739868.00 |





## **EOG Resources - Midland**

Lea County, NM (NAD 27 NME)

Frazier 34 State Com

#504H

OH

Plan: Plan #1

## **Standard Planning Report**

23 January, 2015



# EOG Resources, Inc.

## Planning Report

**Database:** EDM 5000.1 Single User Db  
**Company:** EOG Resources - Midland  
**Project:** Lea County, NM (NAD 27 NME)  
**Site:** Frazier 34 State Com  
**Well:** #504H  
**Wellbore:** OH  
**Design:** Plan #1

**Local Co-ordinate Reference:** Well #504H  
**TVD Reference:** KB = 25 @ 3521.0usft (H&P 260)  
**MD Reference:** KB = 25 @ 3521.0usft (H&P 260)  
**North Reference:** Grid  
**Survey Calculation Method:** Minimum Curvature

|                    |                                      |                      |                |
|--------------------|--------------------------------------|----------------------|----------------|
| <b>Project</b>     | Lea County, NM (NAD 27 NME)          |                      |                |
| <b>Map System:</b> | US State Plane 1927 (Exact solution) | <b>System Datum:</b> | Mean Sea Level |
| <b>Geo Datum:</b>  | NAD 1927 (NADCON CONUS)              |                      |                |
| <b>Map Zone:</b>   | New Mexico East 3001                 |                      |                |

|                       |          |                      |                 |                   |                   |
|-----------------------|----------|----------------------|-----------------|-------------------|-------------------|
| Site                  |          | Frazier 34 State Com |                 |                   |                   |
| Site Position:        |          | Northing:            | 430,273.00 usft | Latitude:         | 32° 10' 49.929 N  |
| From:                 | Map      | Easting:             | 741,152.00 usft | Longitude:        | 103° 33' 14.003 W |
| Position Uncertainty: | 0.0 usft | Slot Radius:         | 13-3/16 "       | Grid Convergence: | 0.42 °            |

|                      |       |               |                     |                 |               |                   |
|----------------------|-------|---------------|---------------------|-----------------|---------------|-------------------|
| Well                 | #504H |               |                     |                 |               |                   |
| Well Position        | +N/-S | -9.0 usft     | Northing:           | 430,264.00 usft | Latitude:     | 32° 10' 49.933 N  |
|                      | +E/-W | -1,305.0 usft | Easting:            | 739,847.00 usft | Longitude:    | 103° 33' 29.187 W |
| Position Uncertainty |       | 0.0 usft      | Wellhead Elevation: | 0.0 usft        | Ground Level: | 3,496.0 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          | 1/23/2015          | 7.20                       | 60.06                    | 48,160                         |

|                          |                                    |                         |                         |                          |     |
|--------------------------|------------------------------------|-------------------------|-------------------------|--------------------------|-----|
| <b>Design</b>            | Plan #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                     | 357.77                   |     |

| Plan Sections               |                    |                |                             |                 |                 |                               |                              |                             |            |                      |
|-----------------------------|--------------------|----------------|-----------------------------|-----------------|-----------------|-------------------------------|------------------------------|-----------------------------|------------|----------------------|
| Measured<br>Depth<br>(usft) | Inclination<br>(°) | Azimuth<br>(°) | Vertical<br>Depth<br>(usft) | +N/-S<br>(usft) | +E/-W<br>(usft) | Dogleg<br>Rate<br>(°/100usft) | Build<br>Rate<br>(°/100usft) | Turn<br>Rate<br>(°/100usft) | TFO<br>(°) | Target               |
| 0.0                         | 0.00               | 0.00           | 0.0                         | 0.0             | 0.0             | 0.00                          | 0.00                         | 0.00                        | 0.00       |                      |
| 4,500.0                     | 0.00               | 0.00           | 4,500.0                     | 0.0             | 0.0             | 0.00                          | 0.00                         | 0.00                        | 0.00       |                      |
| 4,659.8                     | 1.60               | 271.49         | 4,659.7                     | 0.1             | -2.2            | 1.00                          | 1.00                         | 0.00                        | 271.49     |                      |
| 10,310.0                    | 1.60               | 271.49         | 10,307.8                    | 4.1             | -159.7          | 0.00                          | 0.00                         | 0.00                        | 0.00       |                      |
| 11,211.5                    | 90.20              | 359.67         | 10,880.0                    | 579.0           | -179.0          | 10.00                         | 9.83                         | 9.78                        | 88.18      | FTP(Fraz 34 State #5 |
| 15,928.6                    | 90.20              | 359.67         | 10,863.5                    | 5,296.0         | -206.0          | 0.00                          | 0.00                         | 0.00                        | 0.00       | PBHL(Fraz 34 State # |



# EOG Resources, Inc.

## Planning Report

Database: EDM 5000.1 Single User Db  
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 Project: Lea County, NM (NAD 27 NME)  
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 Well: #504H  
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Local Co-ordinate Reference: Well #504H  
 TVD Reference: KB = 25 @ 3521.0usft (H&P 260)  
 MD Reference: KB = 25 @ 3521.0usft (H&P 260)  
 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                     | 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                        |
| 4,600.0                     | 1.00               | 271.49         | 4,600.0                     | 0.0             | -0.9            | 0.1                           | 1.00                          | 1.00                         | 0.00                        |
| 4,659.8                     | 1.60               | 271.49         | 4,659.7                     | 0.1             | -2.2            | 0.1                           | 1.00                          | 1.00                         | 0.00                        |
| 4,700.0                     | 1.60               | 271.49         | 4,700.0                     | 0.1             | -3.3            | 0.2                           | 0.00                          | 0.00                         | 0.00                        |
| 4,800.0                     | 1.60               | 271.49         | 4,799.9                     | 0.2             | -6.1            | 0.4                           | 0.00                          | 0.00                         | 0.00                        |
| 4,900.0                     | 1.60               | 271.49         | 4,899.9                     | 0.2             | -8.9            | 0.6                           | 0.00                          | 0.00                         | 0.00                        |
| 5,000.0                     | 1.60               | 271.49         | 4,999.8                     | 0.3             | -11.7           | 0.8                           | 0.00                          | 0.00                         | 0.00                        |
| 5,100.0                     | 1.60               | 271.49         | 5,099.8                     | 0.4             | -14.5           | 0.9                           | 0.00                          | 0.00                         | 0.00                        |
| 5,200.0                     | 1.60               | 271.49         | 5,199.8                     | 0.4             | -17.3           | 1.1                           | 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: Frazier 34 State Com  
 Well: #504H  
 Wellbore: OH  
 Design: Plan #1

Local Co-ordinate Reference: Well #504H  
 TVD Reference: KB = 25 @ 3521.0usft (H&P 260)  
 MD Reference: KB = 25 @ 3521.0usft (H&P 260)  
 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               | 1.60            | 271.49      | 5,299.7               | 0.5          | -20.1        | 1.3                     | 0.00                    | 0.00                   | 0.00                  |
| 5,400.0               | 1.60            | 271.49      | 5,399.7               | 0.6          | -22.9        | 1.5                     | 0.00                    | 0.00                   | 0.00                  |
| 5,500.0               | 1.60            | 271.49      | 5,499.7               | 0.7          | -25.6        | 1.7                     | 0.00                    | 0.00                   | 0.00                  |
| 5,600.0               | 1.60            | 271.49      | 5,599.6               | 0.7          | -28.4        | 1.8                     | 0.00                    | 0.00                   | 0.00                  |
| 5,700.0               | 1.60            | 271.49      | 5,699.6               | 0.8          | -31.2        | 2.0                     | 0.00                    | 0.00                   | 0.00                  |
| 5,800.0               | 1.60            | 271.49      | 5,799.5               | 0.9          | -34.0        | 2.2                     | 0.00                    | 0.00                   | 0.00                  |
| 5,900.0               | 1.60            | 271.49      | 5,899.5               | 1.0          | -36.8        | 2.4                     | 0.00                    | 0.00                   | 0.00                  |
| 6,000.0               | 1.60            | 271.49      | 5,999.5               | 1.0          | -39.6        | 2.6                     | 0.00                    | 0.00                   | 0.00                  |
| 6,100.0               | 1.60            | 271.49      | 6,099.4               | 1.1          | -42.4        | 2.7                     | 0.00                    | 0.00                   | 0.00                  |
| 6,200.0               | 1.60            | 271.49      | 6,199.4               | 1.2          | -45.2        | 2.9                     | 0.00                    | 0.00                   | 0.00                  |
| 6,300.0               | 1.60            | 271.49      | 6,299.3               | 1.2          | -47.9        | 3.1                     | 0.00                    | 0.00                   | 0.00                  |
| 6,400.0               | 1.60            | 271.49      | 6,399.3               | 1.3          | -50.7        | 3.3                     | 0.00                    | 0.00                   | 0.00                  |
| 6,500.0               | 1.60            | 271.49      | 6,499.3               | 1.4          | -53.5        | 3.5                     | 0.00                    | 0.00                   | 0.00                  |
| 6,600.0               | 1.60            | 271.49      | 6,599.2               | 1.5          | -56.3        | 3.6                     | 0.00                    | 0.00                   | 0.00                  |
| 6,700.0               | 1.60            | 271.49      | 6,699.2               | 1.5          | -59.1        | 3.8                     | 0.00                    | 0.00                   | 0.00                  |
| 6,800.0               | 1.60            | 271.49      | 6,799.1               | 1.6          | -61.9        | 4.0                     | 0.00                    | 0.00                   | 0.00                  |
| 6,900.0               | 1.60            | 271.49      | 6,899.1               | 1.7          | -64.7        | 4.2                     | 0.00                    | 0.00                   | 0.00                  |
| 7,000.0               | 1.60            | 271.49      | 6,999.1               | 1.7          | -67.5        | 4.4                     | 0.00                    | 0.00                   | 0.00                  |
| 7,100.0               | 1.60            | 271.49      | 7,099.0               | 1.8          | -70.2        | 4.5                     | 0.00                    | 0.00                   | 0.00                  |
| 7,200.0               | 1.60            | 271.49      | 7,199.0               | 1.9          | -73.0        | 4.7                     | 0.00                    | 0.00                   | 0.00                  |
| 7,300.0               | 1.60            | 271.49      | 7,299.0               | 2.0          | -75.8        | 4.9                     | 0.00                    | 0.00                   | 0.00                  |
| 7,400.0               | 1.60            | 271.49      | 7,398.9               | 2.0          | -78.6        | 5.1                     | 0.00                    | 0.00                   | 0.00                  |
| 7,500.0               | 1.60            | 271.49      | 7,498.9               | 2.1          | -81.4        | 5.3                     | 0.00                    | 0.00                   | 0.00                  |
| 7,600.0               | 1.60            | 271.49      | 7,598.8               | 2.2          | -84.2        | 5.5                     | 0.00                    | 0.00                   | 0.00                  |
| 7,700.0               | 1.60            | 271.49      | 7,698.8               | 2.3          | -87.0        | 5.6                     | 0.00                    | 0.00                   | 0.00                  |
| 7,800.0               | 1.60            | 271.49      | 7,798.8               | 2.3          | -89.7        | 5.8                     | 0.00                    | 0.00                   | 0.00                  |
| 7,900.0               | 1.60            | 271.49      | 7,898.7               | 2.4          | -92.5        | 6.0                     | 0.00                    | 0.00                   | 0.00                  |
| 8,000.0               | 1.60            | 271.49      | 7,998.7               | 2.5          | -95.3        | 6.2                     | 0.00                    | 0.00                   | 0.00                  |
| 8,100.0               | 1.60            | 271.49      | 8,098.6               | 2.5          | -98.1        | 6.4                     | 0.00                    | 0.00                   | 0.00                  |
| 8,200.0               | 1.60            | 271.49      | 8,198.6               | 2.6          | -100.9       | 6.5                     | 0.00                    | 0.00                   | 0.00                  |
| 8,300.0               | 1.60            | 271.49      | 8,298.6               | 2.7          | -103.7       | 6.7                     | 0.00                    | 0.00                   | 0.00                  |
| 8,400.0               | 1.60            | 271.49      | 8,398.5               | 2.8          | -106.5       | 6.9                     | 0.00                    | 0.00                   | 0.00                  |
| 8,500.0               | 1.60            | 271.49      | 8,498.5               | 2.8          | -109.3       | 7.1                     | 0.00                    | 0.00                   | 0.00                  |
| 8,600.0               | 1.60            | 271.49      | 8,598.4               | 2.9          | -112.0       | 7.3                     | 0.00                    | 0.00                   | 0.00                  |
| 8,700.0               | 1.60            | 271.49      | 8,698.4               | 3.0          | -114.8       | 7.4                     | 0.00                    | 0.00                   | 0.00                  |
| 8,800.0               | 1.60            | 271.49      | 8,798.4               | 3.0          | -117.6       | 7.6                     | 0.00                    | 0.00                   | 0.00                  |
| 8,900.0               | 1.60            | 271.49      | 8,898.3               | 3.1          | -120.4       | 7.8                     | 0.00                    | 0.00                   | 0.00                  |
| 9,000.0               | 1.60            | 271.49      | 8,998.3               | 3.2          | -123.2       | 8.0                     | 0.00                    | 0.00                   | 0.00                  |
| 9,100.0               | 1.60            | 271.49      | 9,098.3               | 3.3          | -126.0       | 8.2                     | 0.00                    | 0.00                   | 0.00                  |
| 9,200.0               | 1.60            | 271.49      | 9,198.2               | 3.3          | -128.8       | 8.3                     | 0.00                    | 0.00                   | 0.00                  |
| 9,300.0               | 1.60            | 271.49      | 9,298.2               | 3.4          | -131.6       | 8.5                     | 0.00                    | 0.00                   | 0.00                  |
| 9,400.0               | 1.60            | 271.49      | 9,398.1               | 3.5          | -134.3       | 8.7                     | 0.00                    | 0.00                   | 0.00                  |
| 9,500.0               | 1.60            | 271.49      | 9,498.1               | 3.6          | -137.1       | 8.9                     | 0.00                    | 0.00                   | 0.00                  |
| 9,600.0               | 1.60            | 271.49      | 9,598.1               | 3.6          | -139.9       | 9.1                     | 0.00                    | 0.00                   | 0.00                  |
| 9,700.0               | 1.60            | 271.49      | 9,698.0               | 3.7          | -142.7       | 9.2                     | 0.00                    | 0.00                   | 0.00                  |
| 9,800.0               | 1.60            | 271.49      | 9,798.0               | 3.8          | -145.5       | 9.4                     | 0.00                    | 0.00                   | 0.00                  |
| 9,900.0               | 1.60            | 271.49      | 9,897.9               | 3.8          | -148.3       | 9.6                     | 0.00                    | 0.00                   | 0.00                  |
| 10,000.0              | 1.60            | 271.49      | 9,997.9               | 3.9          | -151.1       | 9.8                     | 0.00                    | 0.00                   | 0.00                  |
| 10,100.0              | 1.60            | 271.49      | 10,097.9              | 4.0          | -153.8       | 10.0                    | 0.00                    | 0.00                   | 0.00                  |
| 10,200.0              | 1.60            | 271.49      | 10,197.8              | 4.1          | -156.6       | 10.1                    | 0.00                    | 0.00                   | 0.00                  |
| 10,310.0              | 1.60            | 271.49      | 10,307.8              | 4.1          | -159.7       | 10.3                    | 0.00                    | 0.00                   | 0.00                  |
| 10,350.0              | 4.35            | 338.19      | 10,347.7              | 5.6          | -160.8       | 11.8                    | 10.00                   | 6.89                   | 166.73                |
| 10,400.0              | 9.19            | 349.74      | 10,397.4              | 11.3         | -162.2       | 17.6                    | 10.00                   | 9.67                   | 23.11                 |
| 10,450.0              | 14.14           | 353.31      | 10,446.3              | 21.3         | -163.7       | 27.6                    | 10.00                   | 9.90                   | 7.14                  |



# EOG Resources, Inc.

## Planning Report

**Database:** EDM 5000.1 Single User Db  
**Company:** EOG Resources - Midland  
**Project:** Lea County, NM (NAD 27 NME)  
**Site:** Frazier 34 State Com  
**Well:** #504H  
**Wellbore:** OH  
**Design:** Plan #1

**Local Co-ordinate Reference:** Well #504H  
**TVD Reference:** KB = 25 @ 3521.0usft (H&P 260)  
**MD Reference:** KB = 25 @ 3521.0usft (H&P 260)  
**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) |
|--------------------------|-----------------|-------------|-----------------------|-------------|-------------|-------------------------|-------------------------|------------------------|-----------------------|
| 10,500.0                 | 19.12           | 355.05      | 10,494.2              | 35.5        | -165.1      | 41.9                    | 10.00                   | 9.95                   | 3.48                  |
| 10,550.0                 | 24.10           | 356.09      | 10,540.7              | 53.8        | -166.5      | 60.3                    | 10.00                   | 9.97                   | 2.08                  |
| 10,600.0                 | 29.09           | 356.79      | 10,585.4              | 76.2        | -167.9      | 82.6                    | 10.00                   | 9.98                   | 1.40                  |
| 10,650.0                 | 34.08           | 357.31      | 10,628.0              | 102.3       | -169.2      | 108.8                   | 10.00                   | 9.99                   | 1.02                  |
| 10,700.0                 | 39.08           | 357.70      | 10,668.1              | 132.1       | -170.5      | 138.6                   | 10.00                   | 9.99                   | 0.79                  |
| 10,750.0                 | 44.07           | 358.02      | 10,705.5              | 165.2       | -171.7      | 171.8                   | 10.00                   | 9.99                   | 0.63                  |
| 10,800.0                 | 49.07           | 358.28      | 10,739.9              | 201.5       | -172.9      | 208.1                   | 10.00                   | 9.99                   | 0.53                  |
| 10,850.0                 | 54.07           | 358.51      | 10,770.9              | 240.7       | -174.0      | 247.2                   | 10.00                   | 9.99                   | 0.45                  |
| 10,900.0                 | 59.06           | 358.71      | 10,798.5              | 282.4       | -175.0      | 288.9                   | 10.00                   | 9.99                   | 0.40                  |
| 10,950.0                 | 64.06           | 358.89      | 10,822.3              | 326.3       | -175.9      | 332.9                   | 10.00                   | 9.99                   | 0.36                  |
| 11,000.0                 | 69.06           | 359.06      | 10,842.1              | 372.2       | -176.7      | 378.7                   | 10.00                   | 10.00                  | 0.33                  |
| 11,050.0                 | 74.06           | 359.21      | 10,858.0              | 419.6       | -177.5      | 426.1                   | 10.00                   | 10.00                  | 0.31                  |
| 11,100.0                 | 79.06           | 359.36      | 10,869.6              | 468.2       | -178.1      | 474.7                   | 10.00                   | 10.00                  | 0.29                  |
| 11,150.0                 | 84.05           | 359.50      | 10,876.9              | 517.6       | -178.6      | 524.2                   | 10.00                   | 10.00                  | 0.28                  |
| 11,200.0                 | 89.05           | 359.64      | 10,879.9              | 567.5       | -178.9      | 574.0                   | 10.00                   | 10.00                  | 0.28                  |
| 11,211.5                 | 90.20           | 359.67      | 10,880.0              | 579.0       | -179.0      | 585.5                   | 10.00                   | 10.00                  | 0.28                  |
| FTP(Fraz 34 State #504H) |                 |             |                       |             |             |                         |                         |                        |                       |
| 11,300.0                 | 90.20           | 359.67      | 10,879.7              | 667.5       | -179.5      | 674.0                   | 0.00                    | 0.00                   | 0.00                  |
| 11,400.0                 | 90.20           | 359.67      | 10,879.3              | 767.5       | -180.1      | 773.9                   | 0.00                    | 0.00                   | 0.00                  |
| 11,500.0                 | 90.20           | 359.67      | 10,879.0              | 867.5       | -180.7      | 873.9                   | 0.00                    | 0.00                   | 0.00                  |
| 11,600.0                 | 90.20           | 359.67      | 10,878.6              | 967.5       | -181.2      | 973.8                   | 0.00                    | 0.00                   | 0.00                  |
| 11,700.0                 | 90.20           | 359.67      | 10,878.3              | 1,067.5     | -181.8      | 1,073.8                 | 0.00                    | 0.00                   | 0.00                  |
| 11,800.0                 | 90.20           | 359.67      | 10,877.9              | 1,167.5     | -182.4      | 1,173.7                 | 0.00                    | 0.00                   | 0.00                  |
| 11,900.0                 | 90.20           | 359.67      | 10,877.6              | 1,267.5     | -182.9      | 1,273.6                 | 0.00                    | 0.00                   | 0.00                  |
| 12,000.0                 | 90.20           | 359.67      | 10,877.2              | 1,367.5     | -183.5      | 1,373.6                 | 0.00                    | 0.00                   | 0.00                  |
| 12,100.0                 | 90.20           | 359.67      | 10,876.9              | 1,467.5     | -184.1      | 1,473.5                 | 0.00                    | 0.00                   | 0.00                  |
| 12,200.0                 | 90.20           | 359.67      | 10,876.5              | 1,567.5     | -184.7      | 1,573.5                 | 0.00                    | 0.00                   | 0.00                  |
| 12,300.0                 | 90.20           | 359.67      | 10,876.2              | 1,667.5     | -185.2      | 1,673.4                 | 0.00                    | 0.00                   | 0.00                  |
| 12,400.0                 | 90.20           | 359.67      | 10,875.8              | 1,767.5     | -185.8      | 1,773.4                 | 0.00                    | 0.00                   | 0.00                  |
| 12,500.0                 | 90.20           | 359.67      | 10,875.5              | 1,867.5     | -186.4      | 1,873.3                 | 0.00                    | 0.00                   | 0.00                  |
| 12,600.0                 | 90.20           | 359.67      | 10,875.1              | 1,967.5     | -186.9      | 1,973.3                 | 0.00                    | 0.00                   | 0.00                  |
| 12,700.0                 | 90.20           | 359.67      | 10,874.8              | 2,067.5     | -187.5      | 2,073.2                 | 0.00                    | 0.00                   | 0.00                  |
| 12,800.0                 | 90.20           | 359.67      | 10,874.4              | 2,167.5     | -188.1      | 2,173.1                 | 0.00                    | 0.00                   | 0.00                  |
| 12,900.0                 | 90.20           | 359.67      | 10,874.1              | 2,267.5     | -188.7      | 2,273.1                 | 0.00                    | 0.00                   | 0.00                  |
| 13,000.0                 | 90.20           | 359.67      | 10,873.7              | 2,367.5     | -189.2      | 2,373.0                 | 0.00                    | 0.00                   | 0.00                  |
| 13,100.0                 | 90.20           | 359.67      | 10,873.4              | 2,467.5     | -189.8      | 2,473.0                 | 0.00                    | 0.00                   | 0.00                  |
| 13,200.0                 | 90.20           | 359.67      | 10,873.0              | 2,567.5     | -190.4      | 2,572.9                 | 0.00                    | 0.00                   | 0.00                  |
| 13,300.0                 | 90.20           | 359.67      | 10,872.7              | 2,667.5     | -191.0      | 2,672.9                 | 0.00                    | 0.00                   | 0.00                  |
| 13,400.0                 | 90.20           | 359.67      | 10,872.3              | 2,767.5     | -191.5      | 2,772.8                 | 0.00                    | 0.00                   | 0.00                  |
| 13,500.0                 | 90.20           | 359.67      | 10,872.0              | 2,867.5     | -192.1      | 2,872.8                 | 0.00                    | 0.00                   | 0.00                  |
| 13,600.0                 | 90.20           | 359.67      | 10,871.6              | 2,967.5     | -192.7      | 2,972.7                 | 0.00                    | 0.00                   | 0.00                  |
| 13,700.0                 | 90.20           | 359.67      | 10,871.3              | 3,067.5     | -193.2      | 3,072.6                 | 0.00                    | 0.00                   | 0.00                  |
| 13,800.0                 | 90.20           | 359.67      | 10,870.9              | 3,167.5     | -193.8      | 3,172.6                 | 0.00                    | 0.00                   | 0.00                  |
| 13,900.0                 | 90.20           | 359.67      | 10,870.6              | 3,267.4     | -194.4      | 3,272.5                 | 0.00                    | 0.00                   | 0.00                  |
| 14,000.0                 | 90.20           | 359.67      | 10,870.2              | 3,367.4     | -195.0      | 3,372.5                 | 0.00                    | 0.00                   | 0.00                  |
| 14,100.0                 | 90.20           | 359.67      | 10,869.9              | 3,467.4     | -195.5      | 3,472.4                 | 0.00                    | 0.00                   | 0.00                  |
| 14,200.0                 | 90.20           | 359.67      | 10,869.5              | 3,567.4     | -196.1      | 3,572.4                 | 0.00                    | 0.00                   | 0.00                  |
| 14,300.0                 | 90.20           | 359.67      | 10,869.2              | 3,667.4     | -196.7      | 3,672.3                 | 0.00                    | 0.00                   | 0.00                  |
| 14,400.0                 | 90.20           | 359.67      | 10,868.8              | 3,767.4     | -197.3      | 3,772.3                 | 0.00                    | 0.00                   | 0.00                  |
| 14,500.0                 | 90.20           | 359.67      | 10,868.5              | 3,867.4     | -197.8      | 3,872.2                 | 0.00                    | 0.00                   | 0.00                  |
| 14,600.0                 | 90.20           | 359.67      | 10,868.1              | 3,967.4     | -198.4      | 3,972.1                 | 0.00                    | 0.00                   | 0.00                  |
| 14,700.0                 | 90.20           | 359.67      | 10,867.8              | 4,067.4     | -199.0      | 4,072.1                 | 0.00                    | 0.00                   | 0.00                  |
| 14,800.0                 | 90.20           | 359.67      | 10,867.4              | 4,167.4     | -199.5      | 4,172.0                 | 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:** Frazier 34 State Com  
**Well:** #504H  
**Wellbore:** OH  
**Design:** Plan #1

**Local Co-ordinate Reference:** Well #504H  
**TVD Reference:** KB = 25 @ 3521.0usft (H&P 260)  
**MD Reference:** KB = 25 @ 3521.0usft (H&P 260)  
**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) |
|-----------------------|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|-------------------------|------------------------|-----------------------|
| 14,900.0              | 90.20           | 359.67      | 10,867.1              | 4,267.4      | -200.1       | 4,272.0                 | 0.00                    | 0.00                   | 0.00                  |
| 15,000.0              | 90.20           | 359.67      | 10,866.7              | 4,367.4      | -200.7       | 4,371.9                 | 0.00                    | 0.00                   | 0.00                  |
| 15,100.0              | 90.20           | 359.67      | 10,866.4              | 4,467.4      | -201.3       | 4,471.9                 | 0.00                    | 0.00                   | 0.00                  |
| 15,200.0              | 90.20           | 359.67      | 10,866.0              | 4,567.4      | -201.8       | 4,571.8                 | 0.00                    | 0.00                   | 0.00                  |
| 15,300.0              | 90.20           | 359.67      | 10,865.7              | 4,667.4      | -202.4       | 4,671.8                 | 0.00                    | 0.00                   | 0.00                  |
| 15,400.0              | 90.20           | 359.67      | 10,865.3              | 4,767.4      | -203.0       | 4,771.7                 | 0.00                    | 0.00                   | 0.00                  |
| 15,500.0              | 90.20           | 359.67      | 10,865.0              | 4,867.4      | -203.5       | 4,871.6                 | 0.00                    | 0.00                   | 0.00                  |
| 15,600.0              | 90.20           | 359.67      | 10,864.6              | 4,967.4      | -204.1       | 4,971.6                 | 0.00                    | 0.00                   | 0.00                  |
| 15,700.0              | 90.20           | 359.67      | 10,864.3              | 5,067.4      | -204.7       | 5,071.5                 | 0.00                    | 0.00                   | 0.00                  |
| 15,800.0              | 90.20           | 359.67      | 10,863.9              | 5,167.4      | -205.3       | 5,171.5                 | 0.00                    | 0.00                   | 0.00                  |
| 15,900.0              | 90.20           | 359.67      | 10,863.6              | 5,267.4      | -205.8       | 5,271.4                 | 0.00                    | 0.00                   | 0.00                  |
| 15,928.6              | 90.20           | 359.67      | 10,863.5              | 5,296.0      | -206.0       | 5,300.0                 | 0.00                    | 0.00                   | 0.00                  |

PBHL(Fraz 34 State #504H)

**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(Fraz 34 State #504H)<br>- plan hits target center<br>- Point | 0.00          | 0.01         | 10,863.5   | 5,296.0      | -206.0       | 435,560.00      | 739,641.00     | 32° 11' 42.355 N | 103° 33' 31.140 W |
| FTP(Fraz 34 State #504H)<br>- plan hits target center<br>- Point  | 0.00          | 0.00         | 10,880.0   | 579.0        | -179.0       | 430,843.00      | 739,668.00     | 32° 10' 55.676 N | 103° 33' 31.221 W |