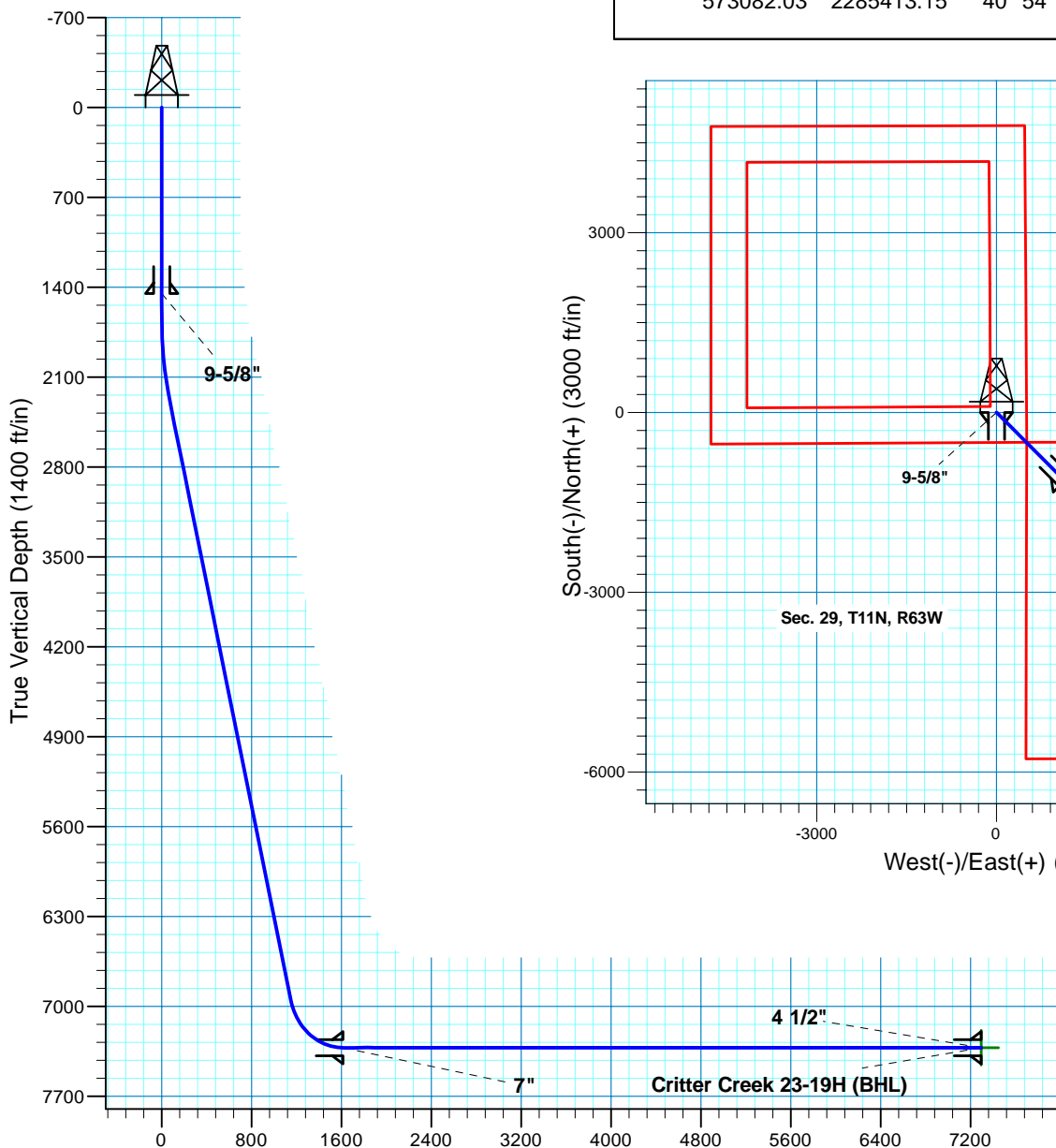


Critter Creek 23-19H

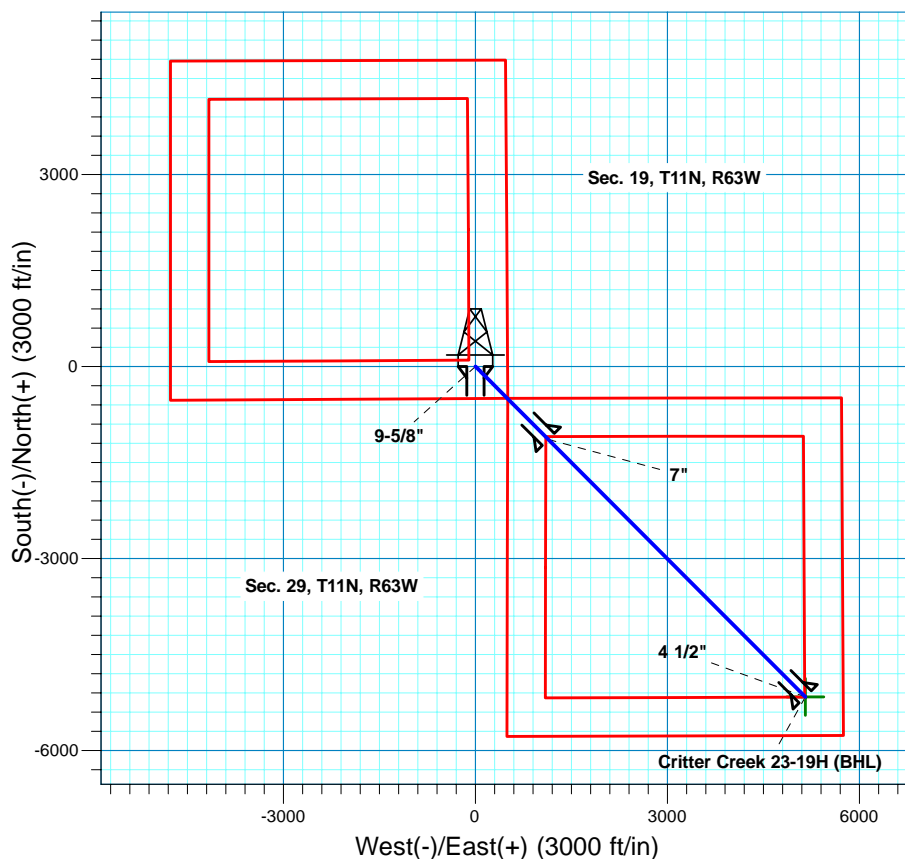
Section 19 T11N R63W
Weld County, CO

Surface Location

NAD 1927 (NADCON CONUS) Colorado North 501
Ground Elevation: 5289.00 Rig @ 5311.00ft (TBD)
Northing Easting Latitude Longitude
573082.03 2285413.15 40° 54' 7.009 N 104° 28' 3.270 W



Vertical Section at 135.06deg (1600 ft/in)



T M Azimuths to True North
Magnetic North: 8.79°
Magnetic Field
Strength: 53506.4snT
Dip Angle: 67.53°
Date: 10/29/2010
Model: IGRF200510

Project: DJ - Hereford Ranch
Site: Critter Creek 23-19H
Well: Critter Creek 23-19H
Plan: APD Directional Plan

SECTION DETAILS

| Sec | MD | Inc | Azi | TVD | +N-/S | +E-/W | DLeg | TFace | VSec | Target |
|-----|----------|-------|--------|---------|----------|---------|-------|--------|---------|----------------------------|
| 1 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 2 | 1650.00 | 0.00 | 0.00 | 1650.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 3 | 2300.00 | 13.00 | 135.06 | 2294.44 | -51.97 | 51.87 | 2.00 | 135.06 | 73.42 | |
| 4 | 7081.04 | 13.00 | 135.06 | 6952.94 | -813.25 | 811.57 | 0.00 | 0.00 | 1148.92 | |
| 5 | 7722.71 | 90.00 | 135.06 | 7323.00 | -1142.56 | 1140.20 | 12.00 | 0.00 | 1614.15 | |
| 6 | 13402.54 | 90.00 | 135.06 | 7323.00 | -5162.95 | 5152.29 | 0.00 | 0.00 | 7293.98 | Critter Creek 23-19H (BHL) |

TARGET DETAILS

| Name | TVD | +N-/S | +E-/W | Northing | Easting | Latitude | Longitude | Shape |
|----------------------------|---------|----------|---------|-----------|------------|------------------|-------------------|-------|
| Critter Creek 23-19H (BHL) | 7323.00 | -5162.95 | 5152.29 | 567979.42 | 2290625.19 | 40° 53' 15.990 N | 104° 26' 56.191 W | Point |

Denver Division- Colorado

DJ - Hereford Ranch

Critter Creek 23-19H

Critter Creek 23-19H

Original Wellbore

Plan: APD Directional Plan

Standard Planning Report

29 October, 2010

EOG Resources Inc

Planning Report

| | | | |
|------------------|---------------------------|-------------------------------------|---------------------------|
| Database: | EDM | Local Co-ordinate Reference: | Site Critter Creek 23-19H |
| Company: | Denver Division- Colorado | TVD Reference: | Rig @ 5311.00ft (TBD) |
| Project: | DJ - Hereford Ranch | MD Reference: | Rig @ 5311.00ft (TBD) |
| Site: | Critter Creek 23-19H | North Reference: | True |
| Well: | Critter Creek 23-19H | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | Original Wellbore | | |
| Design: | APD Directional Plan | | |

| | | | |
|--------------------|--------------------------------------|----------------------|----------------|
| Project | DJ - Hereford Ranch, Weld County | | |
| Map System: | US State Plane 1927 (Exact solution) | System Datum: | Mean Sea Level |
| Geo Datum: | NAD 1927 (NADCON CONUS) | | |
| Map Zone: | Colorado North 501 | | |

| | | | |
|------------------------------|----------------------|--------------------------|------------------|
| Site | Critter Creek 23-19H | | |
| Site Position: | | Northing: | 573,082.03 ft |
| From: | Lat/Long | Easting: | 2,285,413.15 ft |
| Position Uncertainty: | 0.00 ft | Slot Radius: | " |
| | | Latitude: | 40° 54' 7.009 N |
| | | Longitude: | 104° 28' 3.270 W |
| | | Grid Convergence: | 0.67 deg |

| | | | |
|-----------------------------|----------------------|----------------------------|---------------------------------|
| Well | Critter Creek 23-19H | | |
| Well Position | +N/-S | 0.00 ft | Northing: 573,082.03 ft |
| | +E/-W | 0.00 ft | Easting: 2,285,413.15 ft |
| Position Uncertainty | 0.00 ft | Wellhead Elevation: | ft |
| | | Latitude: | 40° 54' 7.009 N |
| | | Longitude: | 104° 28' 3.270 W |
| | | Ground Level: | 5,289.00 ft |

| | | | | | |
|------------------|-------------------|--------------------|--------------------------|------------------------|----------------------------|
| Wellbore | Original Wellbore | | | | |
| Magnetics | Model Name | Sample Date | Declination (deg) | Dip Angle (deg) | Field Strength (nT) |
| | IGRF200510 | 10/29/2010 | 8.79 | 67.53 | 53,506 |

| | | | | |
|--------------------------|------------------------------|-------------------|----------------------|------------------------|
| Design | APD Directional Plan | | | |
| Audit Notes: | | | | |
| Version: | Phase: | PROTOTYPE | Tie On Depth: | 0.00 |
| Vertical Section: | Depth From (TVD) (ft) | +N/-S (ft) | +E/-W (ft) | Direction (deg) |
| | 0.00 | 0.00 | 0.00 | 135.06 |

| Plan Sections | | | | | | | | | | |
|----------------------|-------------------|---------------|---------------------|------------|------------|-----------------------|----------------------|---------------------|-----------|----------------------|
| Measured Depth (ft) | Inclination (deg) | Azimuth (deg) | Vertical Depth (ft) | +N/-S (ft) | +E/-W (ft) | Dogleg Rate (?/100ft) | Build Rate (?/100ft) | Turn Rate (?/100ft) | TFO (deg) | Target |
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 1,650.00 | 0.00 | 0.00 | 1,650.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 2,300.00 | 13.00 | 135.06 | 2,294.44 | -51.97 | 51.87 | 2.00 | 2.00 | 0.00 | 135.06 | |
| 7,081.04 | 13.00 | 135.06 | 6,952.94 | -813.25 | 811.57 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 7,722.71 | 90.00 | 135.06 | 7,323.00 | -1,142.56 | 1,140.20 | 12.00 | 12.00 | 0.00 | 0.00 | |
| 13,402.54 | 90.00 | 135.06 | 7,323.00 | -5,162.95 | 5,152.29 | 0.00 | 0.00 | 0.00 | 0.00 | Critter Creek 23-19I |

EOG Resources Inc

Planning Report

| | | | |
|------------------|---------------------------|-------------------------------------|---------------------------|
| Database: | EDM | Local Co-ordinate Reference: | Site Critter Creek 23-19H |
| Company: | Denver Division- Colorado | TVD Reference: | Rig @ 5311.00ft (TBD) |
| Project: | DJ - Hereford Ranch | MD Reference: | Rig @ 5311.00ft (TBD) |
| Site: | Critter Creek 23-19H | North Reference: | True |
| Well: | Critter Creek 23-19H | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | Original Wellbore | | |
| Design: | APD Directional Plan | | |

Planned Survey

| Measured Depth (ft) | Inclination (deg) | Azimuth (deg) | Vertical Depth (ft) | +N/-S (ft) | +E/-W (ft) | Vertical Section (ft) | Dogleg Rate (?/100ft) | Build Rate (?/100ft) | Turn Rate (?/100ft) |
|---------------------|-------------------|---------------|---------------------|------------|------------|-----------------------|-----------------------|----------------------|---------------------|
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 100.00 | 0.00 | 0.00 | 100.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 200.00 | 0.00 | 0.00 | 200.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 300.00 | 0.00 | 0.00 | 300.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 400.00 | 0.00 | 0.00 | 400.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 500.00 | 0.00 | 0.00 | 500.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 600.00 | 0.00 | 0.00 | 600.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 700.00 | 0.00 | 0.00 | 700.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 800.00 | 0.00 | 0.00 | 800.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 900.00 | 0.00 | 0.00 | 900.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 1,000.00 | 0.00 | 0.00 | 1,000.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 1,100.00 | 0.00 | 0.00 | 1,100.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 1,200.00 | 0.00 | 0.00 | 1,200.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 1,300.00 | 0.00 | 0.00 | 1,300.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 1,400.00 | 0.00 | 0.00 | 1,400.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 1,450.00 | 0.00 | 0.00 | 1,450.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 9-5/8" | | | | | | | | | |
| 1,500.00 | 0.00 | 0.00 | 1,500.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 1,600.00 | 0.00 | 0.00 | 1,600.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 1,650.00 | 0.00 | 0.00 | 1,650.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 1,700.00 | 1.00 | 135.06 | 1,700.00 | -0.31 | 0.31 | 0.44 | 2.00 | 2.00 | 0.00 |
| 1,800.00 | 3.00 | 135.06 | 1,799.93 | -2.78 | 2.77 | 3.93 | 2.00 | 2.00 | 0.00 |
| 1,900.00 | 5.00 | 135.06 | 1,899.68 | -7.72 | 7.70 | 10.90 | 2.00 | 2.00 | 0.00 |
| 2,000.00 | 7.00 | 135.06 | 1,999.13 | -15.11 | 15.08 | 21.35 | 2.00 | 2.00 | 0.00 |
| 2,100.00 | 9.00 | 135.06 | 2,098.15 | -24.97 | 24.91 | 35.27 | 2.00 | 2.00 | 0.00 |
| 2,200.00 | 11.00 | 135.06 | 2,196.63 | -37.26 | 37.18 | 52.63 | 2.00 | 2.00 | 0.00 |
| 2,300.00 | 13.00 | 135.06 | 2,294.44 | -51.97 | 51.87 | 73.42 | 2.00 | 2.00 | 0.00 |
| 2,400.00 | 13.00 | 135.06 | 2,391.87 | -67.90 | 67.76 | 95.92 | 0.00 | 0.00 | 0.00 |
| 2,500.00 | 13.00 | 135.06 | 2,489.31 | -83.82 | 83.65 | 118.41 | 0.00 | 0.00 | 0.00 |
| 2,600.00 | 13.00 | 135.06 | 2,586.75 | -99.74 | 99.54 | 140.91 | 0.00 | 0.00 | 0.00 |
| 2,700.00 | 13.00 | 135.06 | 2,684.19 | -115.66 | 115.43 | 163.40 | 0.00 | 0.00 | 0.00 |
| 2,800.00 | 13.00 | 135.06 | 2,781.62 | -131.59 | 131.32 | 185.90 | 0.00 | 0.00 | 0.00 |
| 2,900.00 | 13.00 | 135.06 | 2,879.06 | -147.51 | 147.20 | 208.39 | 0.00 | 0.00 | 0.00 |
| 3,000.00 | 13.00 | 135.06 | 2,976.50 | -163.43 | 163.09 | 230.89 | 0.00 | 0.00 | 0.00 |
| 3,100.00 | 13.00 | 135.06 | 3,073.93 | -179.36 | 178.98 | 253.39 | 0.00 | 0.00 | 0.00 |
| 3,200.00 | 13.00 | 135.06 | 3,171.37 | -195.28 | 194.87 | 275.88 | 0.00 | 0.00 | 0.00 |
| 3,300.00 | 13.00 | 135.06 | 3,268.81 | -211.20 | 210.76 | 298.38 | 0.00 | 0.00 | 0.00 |
| 3,400.00 | 13.00 | 135.06 | 3,366.24 | -227.12 | 226.65 | 320.87 | 0.00 | 0.00 | 0.00 |
| 3,500.00 | 13.00 | 135.06 | 3,463.68 | -243.05 | 242.54 | 343.37 | 0.00 | 0.00 | 0.00 |
| 3,600.00 | 13.00 | 135.06 | 3,561.12 | -258.97 | 258.43 | 365.86 | 0.00 | 0.00 | 0.00 |
| 3,700.00 | 13.00 | 135.06 | 3,658.56 | -274.89 | 274.32 | 388.36 | 0.00 | 0.00 | 0.00 |
| 3,800.00 | 13.00 | 135.06 | 3,755.99 | -290.82 | 290.21 | 410.85 | 0.00 | 0.00 | 0.00 |
| 3,900.00 | 13.00 | 135.06 | 3,853.43 | -306.74 | 306.10 | 433.35 | 0.00 | 0.00 | 0.00 |
| 4,000.00 | 13.00 | 135.06 | 3,950.87 | -322.66 | 321.99 | 455.84 | 0.00 | 0.00 | 0.00 |
| 4,100.00 | 13.00 | 135.06 | 4,048.30 | -338.58 | 337.88 | 478.34 | 0.00 | 0.00 | 0.00 |
| 4,200.00 | 13.00 | 135.06 | 4,145.74 | -354.51 | 353.77 | 500.83 | 0.00 | 0.00 | 0.00 |
| 4,300.00 | 13.00 | 135.06 | 4,243.18 | -370.43 | 369.66 | 523.33 | 0.00 | 0.00 | 0.00 |
| 4,400.00 | 13.00 | 135.06 | 4,340.61 | -386.35 | 385.55 | 545.82 | 0.00 | 0.00 | 0.00 |
| 4,500.00 | 13.00 | 135.06 | 4,438.05 | -402.28 | 401.44 | 568.32 | 0.00 | 0.00 | 0.00 |
| 4,600.00 | 13.00 | 135.06 | 4,535.49 | -418.20 | 417.33 | 590.81 | 0.00 | 0.00 | 0.00 |
| 4,700.00 | 13.00 | 135.06 | 4,632.93 | -434.12 | 433.22 | 613.31 | 0.00 | 0.00 | 0.00 |
| 4,800.00 | 13.00 | 135.06 | 4,730.36 | -450.04 | 449.11 | 635.80 | 0.00 | 0.00 | 0.00 |
| 4,900.00 | 13.00 | 135.06 | 4,827.80 | -465.97 | 465.00 | 658.30 | 0.00 | 0.00 | 0.00 |

EOG Resources Inc

Planning Report

| | | | |
|------------------|---------------------------|-------------------------------------|---------------------------|
| Database: | EDM | Local Co-ordinate Reference: | Site Critter Creek 23-19H |
| Company: | Denver Division- Colorado | TVD Reference: | Rig @ 5311.00ft (TBD) |
| Project: | DJ - Hereford Ranch | MD Reference: | Rig @ 5311.00ft (TBD) |
| Site: | Critter Creek 23-19H | North Reference: | True |
| Well: | Critter Creek 23-19H | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | Original Wellbore | | |
| Design: | APD Directional Plan | | |

Planned Survey

| Measured Depth (ft) | Inclination (deg) | Azimuth (deg) | Vertical Depth (ft) | +N/-S (ft) | +E/-W (ft) | Vertical Section (ft) | Dogleg Rate (?/100ft) | Build Rate (?/100ft) | Turn Rate (?/100ft) |
|---------------------|-------------------|---------------|---------------------|------------|------------|-----------------------|-----------------------|----------------------|---------------------|
| 5,000.00 | 13.00 | 135.06 | 4,925.24 | -481.89 | 480.89 | 680.79 | 0.00 | 0.00 | 0.00 |
| 5,100.00 | 13.00 | 135.06 | 5,022.67 | -497.81 | 496.78 | 703.29 | 0.00 | 0.00 | 0.00 |
| 5,200.00 | 13.00 | 135.06 | 5,120.11 | -513.74 | 512.67 | 725.78 | 0.00 | 0.00 | 0.00 |
| 5,300.00 | 13.00 | 135.06 | 5,217.55 | -529.66 | 528.56 | 748.28 | 0.00 | 0.00 | 0.00 |
| 5,400.00 | 13.00 | 135.06 | 5,314.98 | -545.58 | 544.45 | 770.77 | 0.00 | 0.00 | 0.00 |
| 5,500.00 | 13.00 | 135.06 | 5,412.42 | -561.50 | 560.34 | 793.27 | 0.00 | 0.00 | 0.00 |
| 5,600.00 | 13.00 | 135.06 | 5,509.86 | -577.43 | 576.23 | 815.76 | 0.00 | 0.00 | 0.00 |
| 5,700.00 | 13.00 | 135.06 | 5,607.30 | -593.35 | 592.12 | 838.26 | 0.00 | 0.00 | 0.00 |
| 5,800.00 | 13.00 | 135.06 | 5,704.73 | -609.27 | 608.01 | 860.75 | 0.00 | 0.00 | 0.00 |
| 5,900.00 | 13.00 | 135.06 | 5,802.17 | -625.20 | 623.90 | 883.25 | 0.00 | 0.00 | 0.00 |
| 6,000.00 | 13.00 | 135.06 | 5,899.61 | -641.12 | 639.79 | 905.74 | 0.00 | 0.00 | 0.00 |
| 6,100.00 | 13.00 | 135.06 | 5,997.04 | -657.04 | 655.68 | 928.24 | 0.00 | 0.00 | 0.00 |
| 6,200.00 | 13.00 | 135.06 | 6,094.48 | -672.96 | 671.57 | 950.73 | 0.00 | 0.00 | 0.00 |
| 6,300.00 | 13.00 | 135.06 | 6,191.92 | -688.89 | 687.46 | 973.23 | 0.00 | 0.00 | 0.00 |
| 6,400.00 | 13.00 | 135.06 | 6,289.35 | -704.81 | 703.35 | 995.72 | 0.00 | 0.00 | 0.00 |
| 6,500.00 | 13.00 | 135.06 | 6,386.79 | -720.73 | 719.24 | 1,018.22 | 0.00 | 0.00 | 0.00 |
| 6,600.00 | 13.00 | 135.06 | 6,484.23 | -736.66 | 735.13 | 1,040.71 | 0.00 | 0.00 | 0.00 |
| 6,700.00 | 13.00 | 135.06 | 6,581.67 | -752.58 | 751.02 | 1,063.21 | 0.00 | 0.00 | 0.00 |
| 6,800.00 | 13.00 | 135.06 | 6,679.10 | -768.50 | 766.91 | 1,085.70 | 0.00 | 0.00 | 0.00 |
| 6,900.00 | 13.00 | 135.06 | 6,776.54 | -784.42 | 782.80 | 1,108.20 | 0.00 | 0.00 | 0.00 |
| 7,000.00 | 13.00 | 135.06 | 6,873.98 | -800.35 | 798.69 | 1,130.69 | 0.00 | 0.00 | 0.00 |
| 7,081.04 | 13.00 | 135.06 | 6,952.94 | -813.25 | 811.57 | 1,148.92 | 0.00 | 0.00 | 0.00 |
| 7,100.00 | 15.28 | 135.06 | 6,971.32 | -816.53 | 814.84 | 1,153.55 | 12.00 | 12.00 | 0.00 |
| 7,200.00 | 27.28 | 135.06 | 7,064.34 | -842.17 | 840.43 | 1,189.77 | 12.00 | 12.00 | 0.00 |
| 7,300.00 | 39.28 | 135.06 | 7,147.79 | -880.93 | 879.11 | 1,244.54 | 12.00 | 12.00 | 0.00 |
| 7,400.00 | 51.27 | 135.06 | 7,218.03 | -931.13 | 929.21 | 1,315.46 | 12.00 | 12.00 | 0.00 |
| 7,500.00 | 63.27 | 135.06 | 7,271.99 | -990.57 | 988.52 | 1,399.43 | 12.00 | 12.00 | 0.00 |
| 7,600.00 | 75.27 | 135.06 | 7,307.32 | -1,056.65 | 1,054.47 | 1,492.79 | 12.00 | 12.00 | 0.00 |
| 7,700.00 | 87.27 | 135.06 | 7,322.46 | -1,126.49 | 1,124.16 | 1,591.45 | 12.00 | 12.00 | 0.00 |
| 7,722.71 | 90.00 | 135.06 | 7,323.00 | -1,142.56 | 1,140.20 | 1,614.15 | 12.00 | 12.00 | 0.00 |
| 7" | | | | | | | | | |
| 7,800.00 | 90.00 | 135.06 | 7,323.00 | -1,197.27 | 1,194.79 | 1,691.44 | 0.00 | 0.00 | 0.00 |
| 7,900.00 | 90.00 | 135.06 | 7,323.00 | -1,268.05 | 1,265.43 | 1,791.44 | 0.00 | 0.00 | 0.00 |
| 8,000.00 | 90.00 | 135.06 | 7,323.00 | -1,338.83 | 1,336.07 | 1,891.44 | 0.00 | 0.00 | 0.00 |
| 8,100.00 | 90.00 | 135.06 | 7,323.00 | -1,409.62 | 1,406.71 | 1,991.44 | 0.00 | 0.00 | 0.00 |
| 8,200.00 | 90.00 | 135.06 | 7,323.00 | -1,480.40 | 1,477.34 | 2,091.44 | 0.00 | 0.00 | 0.00 |
| 8,300.00 | 90.00 | 135.06 | 7,323.00 | -1,551.19 | 1,547.98 | 2,191.44 | 0.00 | 0.00 | 0.00 |
| 8,400.00 | 90.00 | 135.06 | 7,323.00 | -1,621.97 | 1,618.62 | 2,291.44 | 0.00 | 0.00 | 0.00 |
| 8,500.00 | 90.00 | 135.06 | 7,323.00 | -1,692.75 | 1,689.26 | 2,391.44 | 0.00 | 0.00 | 0.00 |
| 8,600.00 | 90.00 | 135.06 | 7,323.00 | -1,763.54 | 1,759.89 | 2,491.44 | 0.00 | 0.00 | 0.00 |
| 8,700.00 | 90.00 | 135.06 | 7,323.00 | -1,834.32 | 1,830.53 | 2,591.44 | 0.00 | 0.00 | 0.00 |
| 8,800.00 | 90.00 | 135.06 | 7,323.00 | -1,905.10 | 1,901.17 | 2,691.44 | 0.00 | 0.00 | 0.00 |
| 8,900.00 | 90.00 | 135.06 | 7,323.00 | -1,975.89 | 1,971.81 | 2,791.44 | 0.00 | 0.00 | 0.00 |
| 9,000.00 | 90.00 | 135.06 | 7,323.00 | -2,046.67 | 2,042.44 | 2,891.44 | 0.00 | 0.00 | 0.00 |
| 9,100.00 | 90.00 | 135.06 | 7,323.00 | -2,117.46 | 2,113.08 | 2,991.44 | 0.00 | 0.00 | 0.00 |
| 9,200.00 | 90.00 | 135.06 | 7,323.00 | -2,188.24 | 2,183.72 | 3,091.44 | 0.00 | 0.00 | 0.00 |
| 9,300.00 | 90.00 | 135.06 | 7,323.00 | -2,259.02 | 2,254.36 | 3,191.44 | 0.00 | 0.00 | 0.00 |
| 9,400.00 | 90.00 | 135.06 | 7,323.00 | -2,329.81 | 2,325.00 | 3,291.44 | 0.00 | 0.00 | 0.00 |
| 9,500.00 | 90.00 | 135.06 | 7,323.00 | -2,400.59 | 2,395.63 | 3,391.44 | 0.00 | 0.00 | 0.00 |
| 9,600.00 | 90.00 | 135.06 | 7,323.00 | -2,471.37 | 2,466.27 | 3,491.44 | 0.00 | 0.00 | 0.00 |
| 9,700.00 | 90.00 | 135.06 | 7,323.00 | -2,542.16 | 2,536.91 | 3,591.44 | 0.00 | 0.00 | 0.00 |
| 9,800.00 | 90.00 | 135.06 | 7,323.00 | -2,612.94 | 2,607.55 | 3,691.44 | 0.00 | 0.00 | 0.00 |
| 9,900.00 | 90.00 | 135.06 | 7,323.00 | -2,683.73 | 2,678.18 | 3,791.44 | 0.00 | 0.00 | 0.00 |

EOG Resources Inc

Planning Report

| | | | |
|------------------|---------------------------|-------------------------------------|---------------------------|
| Database: | EDM | Local Co-ordinate Reference: | Site Critter Creek 23-19H |
| Company: | Denver Division- Colorado | TVD Reference: | Rig @ 5311.00ft (TBD) |
| Project: | DJ - Hereford Ranch | MD Reference: | Rig @ 5311.00ft (TBD) |
| Site: | Critter Creek 23-19H | North Reference: | True |
| Well: | Critter Creek 23-19H | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | Original Wellbore | | |
| Design: | APD Directional Plan | | |

Planned Survey

| Measured Depth (ft) | Inclination (deg) | Azimuth (deg) | Vertical Depth (ft) | +N/-S (ft) | +E/-W (ft) | Vertical Section (ft) | Dogleg Rate (?/100ft) | Build Rate (?/100ft) | Turn Rate (?/100ft) |
|---------------------|-------------------|---------------|---------------------|------------|------------|-----------------------|-----------------------|----------------------|---------------------|
| 10,000.00 | 90.00 | 135.06 | 7,323.00 | -2,754.51 | 2,748.82 | 3,891.44 | 0.00 | 0.00 | 0.00 |
| 10,100.00 | 90.00 | 135.06 | 7,323.00 | -2,825.29 | 2,819.46 | 3,991.44 | 0.00 | 0.00 | 0.00 |
| 10,200.00 | 90.00 | 135.06 | 7,323.00 | -2,896.08 | 2,890.10 | 4,091.44 | 0.00 | 0.00 | 0.00 |
| 10,300.00 | 90.00 | 135.06 | 7,323.00 | -2,966.86 | 2,960.73 | 4,191.44 | 0.00 | 0.00 | 0.00 |
| 10,400.00 | 90.00 | 135.06 | 7,323.00 | -3,037.64 | 3,031.37 | 4,291.44 | 0.00 | 0.00 | 0.00 |
| 10,500.00 | 90.00 | 135.06 | 7,323.00 | -3,108.43 | 3,102.01 | 4,391.44 | 0.00 | 0.00 | 0.00 |
| 10,600.00 | 90.00 | 135.06 | 7,323.00 | -3,179.21 | 3,172.65 | 4,491.44 | 0.00 | 0.00 | 0.00 |
| 10,700.00 | 90.00 | 135.06 | 7,323.00 | -3,250.00 | 3,243.28 | 4,591.44 | 0.00 | 0.00 | 0.00 |
| 10,800.00 | 90.00 | 135.06 | 7,323.00 | -3,320.78 | 3,313.92 | 4,691.44 | 0.00 | 0.00 | 0.00 |
| 10,900.00 | 90.00 | 135.06 | 7,323.00 | -3,391.56 | 3,384.56 | 4,791.44 | 0.00 | 0.00 | 0.00 |
| 11,000.00 | 90.00 | 135.06 | 7,323.00 | -3,462.35 | 3,455.20 | 4,891.44 | 0.00 | 0.00 | 0.00 |
| 11,100.00 | 90.00 | 135.06 | 7,323.00 | -3,533.13 | 3,525.83 | 4,991.44 | 0.00 | 0.00 | 0.00 |
| 11,200.00 | 90.00 | 135.06 | 7,323.00 | -3,603.91 | 3,596.47 | 5,091.44 | 0.00 | 0.00 | 0.00 |
| 11,300.00 | 90.00 | 135.06 | 7,323.00 | -3,674.70 | 3,667.11 | 5,191.44 | 0.00 | 0.00 | 0.00 |
| 11,400.00 | 90.00 | 135.06 | 7,323.00 | -3,745.48 | 3,737.75 | 5,291.44 | 0.00 | 0.00 | 0.00 |
| 11,500.00 | 90.00 | 135.06 | 7,323.00 | -3,816.27 | 3,808.38 | 5,391.44 | 0.00 | 0.00 | 0.00 |
| 11,600.00 | 90.00 | 135.06 | 7,323.00 | -3,887.05 | 3,879.02 | 5,491.44 | 0.00 | 0.00 | 0.00 |
| 11,700.00 | 90.00 | 135.06 | 7,323.00 | -3,957.83 | 3,949.66 | 5,591.44 | 0.00 | 0.00 | 0.00 |
| 11,800.00 | 90.00 | 135.06 | 7,323.00 | -4,028.62 | 4,020.30 | 5,691.44 | 0.00 | 0.00 | 0.00 |
| 11,900.00 | 90.00 | 135.06 | 7,323.00 | -4,099.40 | 4,090.93 | 5,791.44 | 0.00 | 0.00 | 0.00 |
| 12,000.00 | 90.00 | 135.06 | 7,323.00 | -4,170.18 | 4,161.57 | 5,891.44 | 0.00 | 0.00 | 0.00 |
| 12,100.00 | 90.00 | 135.06 | 7,323.00 | -4,240.97 | 4,232.21 | 5,991.44 | 0.00 | 0.00 | 0.00 |
| 12,200.00 | 90.00 | 135.06 | 7,323.00 | -4,311.75 | 4,302.85 | 6,091.44 | 0.00 | 0.00 | 0.00 |
| 12,300.00 | 90.00 | 135.06 | 7,323.00 | -4,382.54 | 4,373.48 | 6,191.44 | 0.00 | 0.00 | 0.00 |
| 12,400.00 | 90.00 | 135.06 | 7,323.00 | -4,453.32 | 4,444.12 | 6,291.44 | 0.00 | 0.00 | 0.00 |
| 12,500.00 | 90.00 | 135.06 | 7,323.00 | -4,524.10 | 4,514.76 | 6,391.44 | 0.00 | 0.00 | 0.00 |
| 12,600.00 | 90.00 | 135.06 | 7,323.00 | -4,594.89 | 4,585.40 | 6,491.44 | 0.00 | 0.00 | 0.00 |
| 12,700.00 | 90.00 | 135.06 | 7,323.00 | -4,665.67 | 4,656.03 | 6,591.44 | 0.00 | 0.00 | 0.00 |
| 12,800.00 | 90.00 | 135.06 | 7,323.00 | -4,736.45 | 4,726.67 | 6,691.44 | 0.00 | 0.00 | 0.00 |
| 12,900.00 | 90.00 | 135.06 | 7,323.00 | -4,807.24 | 4,797.31 | 6,791.44 | 0.00 | 0.00 | 0.00 |
| 13,000.00 | 90.00 | 135.06 | 7,323.00 | -4,878.02 | 4,867.95 | 6,891.44 | 0.00 | 0.00 | 0.00 |
| 13,100.00 | 90.00 | 135.06 | 7,323.00 | -4,948.81 | 4,938.58 | 6,991.44 | 0.00 | 0.00 | 0.00 |
| 13,200.00 | 90.00 | 135.06 | 7,323.00 | -5,019.59 | 5,009.22 | 7,091.44 | 0.00 | 0.00 | 0.00 |
| 13,300.00 | 90.00 | 135.06 | 7,323.00 | -5,090.37 | 5,079.86 | 7,191.44 | 0.00 | 0.00 | 0.00 |
| 13,400.00 | 90.00 | 135.06 | 7,323.00 | -5,161.16 | 5,150.50 | 7,291.44 | 0.00 | 0.00 | 0.00 |
| 13,402.54 | 90.00 | 135.06 | 7,323.00 | -5,162.95 | 5,152.29 | 7,293.98 | 0.00 | 0.00 | 0.00 |

4 1/2" - Critter Creek 23-19H (BHL)

Targets

| Target Name | Dip Angle (deg) | Dip Dir. (deg) | TVD (ft) | +N/-S (ft) | +E/-W (ft) | Northing (ft) | Easting (ft) | Latitude | Longitude |
|---------------------------|-----------------|----------------|----------|------------|------------|---------------|--------------|------------------|-------------------|
| - hit/miss target | | | | | | | | | |
| - Shape | | | | | | | | | |
| Critter Creek 23-19H (| 0.00 | 0.00 | 7,323.00 | -5,162.95 | 5,152.29 | 567,979.42 | 2,290,625.19 | 40° 53' 15.990 N | 104° 26' 56.191 W |
| - plan hits target center | | | | | | | | | |
| - Point | | | | | | | | | |

EOG Resources Inc

Planning Report

| | | | |
|------------------|---------------------------|-------------------------------------|---------------------------|
| Database: | EDM | Local Co-ordinate Reference: | Site Critter Creek 23-19H |
| Company: | Denver Division- Colorado | TVD Reference: | Rig @ 5311.00ft (TBD) |
| Project: | DJ - Hereford Ranch | MD Reference: | Rig @ 5311.00ft (TBD) |
| Site: | Critter Creek 23-19H | North Reference: | True |
| Well: | Critter Creek 23-19H | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | Original Wellbore | | |
| Design: | APD Directional Plan | | |

Casing Points

| Measured Depth (ft) | Vertical Depth (ft) | Name | Casing Diameter (") | Hole Diameter (") |
|---------------------------|---------------------------|--------|---------------------------|-------------------------|
| 1,450.00 | 1,450.00 | 9-5/8" | 9-5/8 | 13-1/2 |
| 7,722.71 | 7,323.00 | 7" | 7 | 8-3/4 |
| 13,402.54 | 7,323.00 | 4 1/2" | 4-1/2 | 6 |