

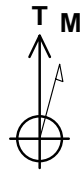
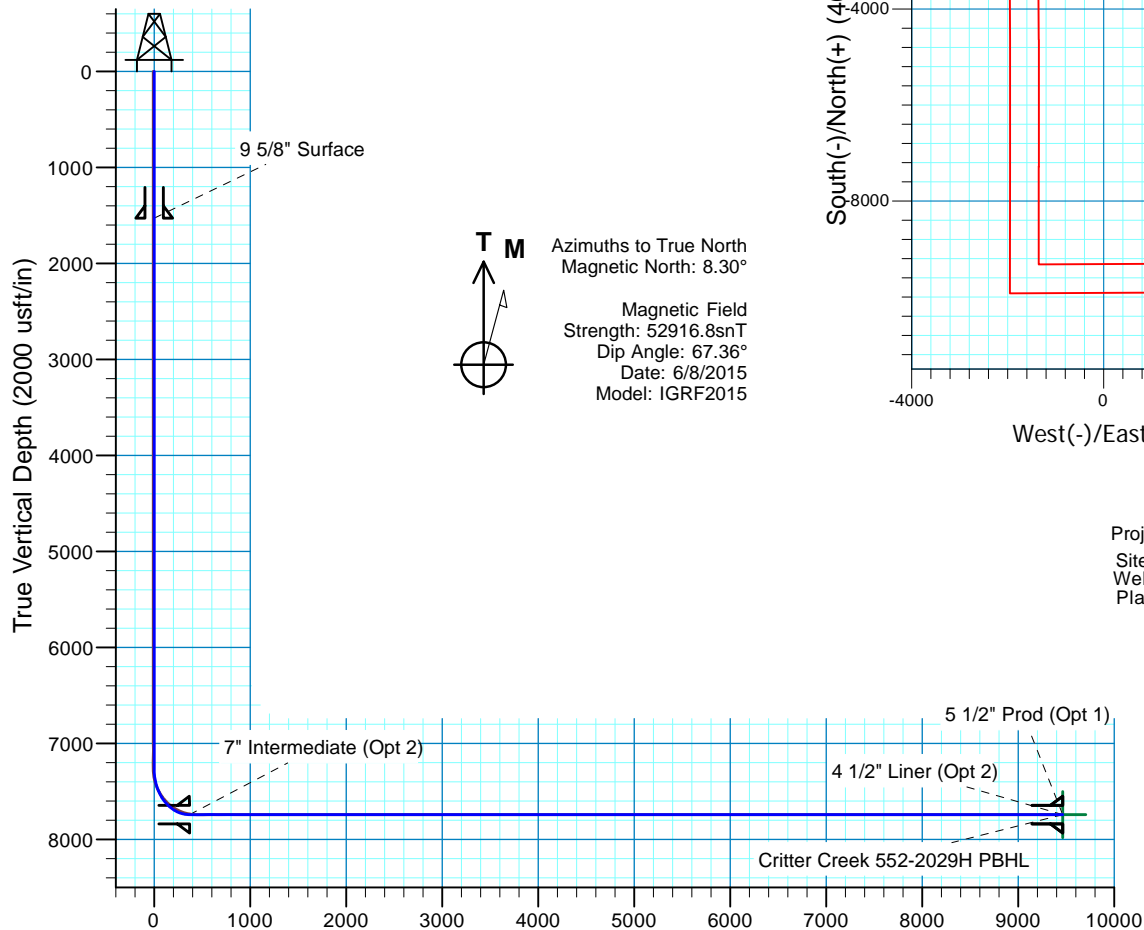
Critter Creek 552-2029H

Sec.20-T11N-R63W
Weld County, Colorado

Surface Location

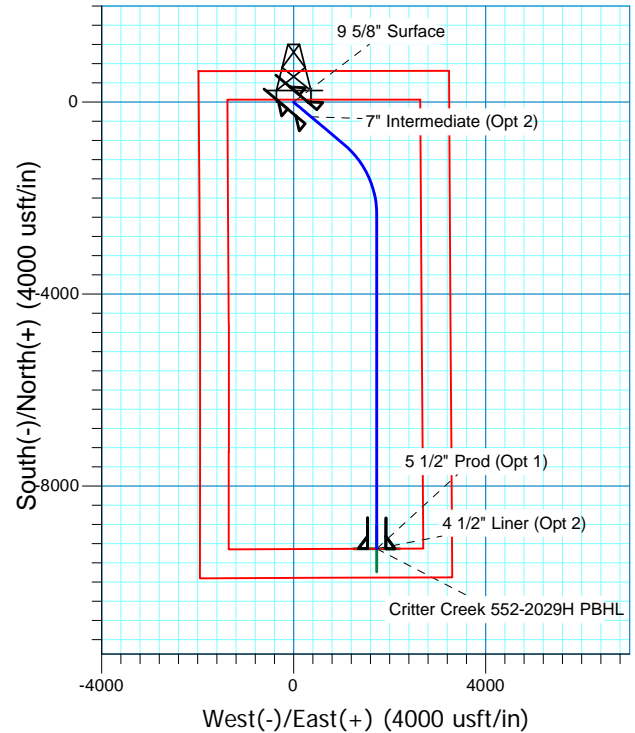
NAD 1927 (NADCON CONUS) Colorado North 501
Ground Elevation: 5309.0 RKB @ 5334.0usft (KB GL+25')

Northing	Easting	Latitude	Longitude
577249.20	2287807.99	40° 54' 47.904 N	104° 27' 31.449 W



Azimuths to True North
Magnetic North: 8.30°

Magnetic Field
Strength: 52916.8snT
Dip Angle: 67.36°
Date: 6/8/2015
Model: IGRF2015



Project: DJ - Hereford Ranch
Site: Critter Creek C20 NENW Pad
Well: Critter Creek 552-2029H
Plan: APD Plan (Plat Cert 4/20/15)

Vertical Section at 169.45° (2000 usft/in)

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	7265.5	0.00	0.00	7265.5	0.0	0.0	0.00	0.00	0.0	
3	8015.5	90.00	130.00	7743.0	-306.9	365.8	12.00	130.00	368.7	
4	8910.5	90.00	130.00	7743.0	-882.2	1051.4	0.00	0.00	1059.8	
5	10577.2	90.00	180.00	7743.0	-2345.3	1733.6	3.00	90.00	2623.1	Critter Creek 552-2029H PBHL
6	17537.1	90.00	180.00	7743.0	-9305.1	1733.5	0.00	0.00	9465.2	Critter Creek 552-2029H PBHL
TARGET DETAILS										
Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Shape		
Critter Creek 552-2029H PBHL	7743.0	-9305.1	1733.5	567965.06	2289650.68	40° 53' 15.962 N	104° 27' 8.880 W	Point		

Denver Division- Colorado

**DJ - Hereford Ranch
Crittter Creek C20 NENW Pad
Crittter Creek 552-2029H
98457
OH**

Plan: APD Plan (Plat Cert 4/20/15)

Standard Planning Report

13 August, 2015

EOG Resources, Inc.

Planning Report

Database:	EDM_DENVER	Local Co-ordinate Reference:	Well Critter Creek 552-2029H
Company:	Denver Division- Colorado	TVD Reference:	RKB @ 5334.0usft (KB GL+25')
Project:	DJ - Hereford Ranch	MD Reference:	RKB @ 5334.0usft (KB GL+25')
Site:	Critter Creek C20 NENW Pad	North Reference:	True
Well:	Critter Creek 552-2029H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	APD Plan (Plat Cert 4/20/15)		

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 C20 NENW Pad		
Site Position:		Northing:	577,200.00 usft
From:	Map	Easting:	2,287,600.00 usft
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16 "
		Latitude:	40° 54' 47.442 N
		Longitude:	104° 27' 34.166 W
		Grid Convergence:	0.67 °

Well	Critter Creek 552-2029H		
Well Position	+N/-S	46.8 usft	Northing:
	+E/-W	208.6 usft	Easting:
Position Uncertainty	0.0 usft	Wellhead Elevation:	0.0 usft
		Latitude:	40° 54' 47.904 N
		Longitude:	104° 27' 31.449 W
		Ground Level:	5,309.0 usft

Wellbore	OH				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2015	6/8/2015	8.30	67.36	52,917

Design	APD Plan (Plat Cert 4/20/15)			
Audit Notes:				
Version:	Phase:	PROTOTYPE	Tie On Depth:	0.0
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)
	0.0	0.0	0.0	169.45

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	
7,265.5	0.00	0.00	7,265.5	0.0	0.0	0.00	0.00	0.00	0.00	
8,015.5	90.00	130.00	7,743.0	-306.9	365.8	12.00	12.00	0.00	130.00	
8,910.5	90.00	130.00	7,743.0	-882.2	1,051.4	0.00	0.00	0.00	0.00	
10,577.2	90.00	180.00	7,743.0	-2,345.3	1,733.6	3.00	0.00	3.00	90.00	Critter Creek 552-202
17,537.1	90.00	180.00	7,743.0	-9,305.1	1,733.5	0.00	0.00	0.00	0.00	Critter Creek 552-202

EOG Resources, Inc.

Planning Report

Database:	EDM_DENVER	Local Co-ordinate Reference:	Well Critter Creek 552-2029H
Company:	Denver Division- Colorado	TVD Reference:	RKB @ 5334.0usft (KB GL+25')
Project:	DJ - Hereford Ranch	MD Reference:	RKB @ 5334.0usft (KB GL+25')
Site:	Critter Creek C20 NENW Pad	North Reference:	True
Well:	Critter Creek 552-2029H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	APD Plan (Plat Cert 4/20/15)		

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
1,529.0	0.00	0.00	1,529.0	0.0	0.0	0.0	0.00	0.00	0.00
9 5/8" Surface									
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	0.00	0.00	4,600.0	0.0	0.0	0.0	0.00	0.00	0.00
4,700.0	0.00	0.00	4,700.0	0.0	0.0	0.0	0.00	0.00	0.00
4,800.0	0.00	0.00	4,800.0	0.0	0.0	0.0	0.00	0.00	0.00
4,900.0	0.00	0.00	4,900.0	0.0	0.0	0.0	0.00	0.00	0.00
5,000.0	0.00	0.00	5,000.0	0.0	0.0	0.0	0.00	0.00	0.00
5,100.0	0.00	0.00	5,100.0	0.0	0.0	0.0	0.00	0.00	0.00

EOG Resources, Inc.

Planning Report

Database:	EDM_DENVER	Local Co-ordinate Reference:	Well Critter Creek 552-2029H
Company:	Denver Division- Colorado	TVD Reference:	RKB @ 5334.0usft (KB GL+25')
Project:	DJ - Hereford Ranch	MD Reference:	RKB @ 5334.0usft (KB GL+25')
Site:	Critter Creek C20 NENW Pad	North Reference:	True
Well:	Critter Creek 552-2029H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	APD Plan (Plat Cert 4/20/15)		

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)
5,200.0	0.00	0.00	5,200.0	0.0	0.0	0.0	0.00	0.00	0.00
5,300.0	0.00	0.00	5,300.0	0.0	0.0	0.0	0.00	0.00	0.00
5,400.0	0.00	0.00	5,400.0	0.0	0.0	0.0	0.00	0.00	0.00
5,500.0	0.00	0.00	5,500.0	0.0	0.0	0.0	0.00	0.00	0.00
5,600.0	0.00	0.00	5,600.0	0.0	0.0	0.0	0.00	0.00	0.00
5,700.0	0.00	0.00	5,700.0	0.0	0.0	0.0	0.00	0.00	0.00
5,800.0	0.00	0.00	5,800.0	0.0	0.0	0.0	0.00	0.00	0.00
5,900.0	0.00	0.00	5,900.0	0.0	0.0	0.0	0.00	0.00	0.00
6,000.0	0.00	0.00	6,000.0	0.0	0.0	0.0	0.00	0.00	0.00
6,100.0	0.00	0.00	6,100.0	0.0	0.0	0.0	0.00	0.00	0.00
6,200.0	0.00	0.00	6,200.0	0.0	0.0	0.0	0.00	0.00	0.00
6,300.0	0.00	0.00	6,300.0	0.0	0.0	0.0	0.00	0.00	0.00
6,400.0	0.00	0.00	6,400.0	0.0	0.0	0.0	0.00	0.00	0.00
6,500.0	0.00	0.00	6,500.0	0.0	0.0	0.0	0.00	0.00	0.00
6,600.0	0.00	0.00	6,600.0	0.0	0.0	0.0	0.00	0.00	0.00
6,700.0	0.00	0.00	6,700.0	0.0	0.0	0.0	0.00	0.00	0.00
6,800.0	0.00	0.00	6,800.0	0.0	0.0	0.0	0.00	0.00	0.00
6,900.0	0.00	0.00	6,900.0	0.0	0.0	0.0	0.00	0.00	0.00
7,000.0	0.00	0.00	7,000.0	0.0	0.0	0.0	0.00	0.00	0.00
7,100.0	0.00	0.00	7,100.0	0.0	0.0	0.0	0.00	0.00	0.00
7,200.0	0.00	0.00	7,200.0	0.0	0.0	0.0	0.00	0.00	0.00
7,265.5	0.00	0.00	7,265.5	0.0	0.0	0.0	0.00	0.00	0.00
7,300.0	4.14	130.00	7,300.0	-0.8	1.0	1.0	12.00	12.00	0.00
7,400.0	16.14	130.00	7,398.2	-12.1	14.4	14.5	12.00	12.00	0.00
7,500.0	28.14	130.00	7,490.7	-36.3	43.2	43.6	12.00	12.00	0.00
7,600.0	40.14	130.00	7,573.3	-72.3	86.1	86.8	12.00	12.00	0.00
7,700.0	52.14	130.00	7,642.5	-118.5	141.3	142.4	12.00	12.00	0.00
7,800.0	64.14	130.00	7,695.2	-173.0	206.2	207.9	12.00	12.00	0.00
7,900.0	76.14	130.00	7,729.1	-233.4	278.1	280.4	12.00	12.00	0.00
8,000.0	88.14	130.00	7,742.7	-296.9	353.9	356.7	12.00	12.00	0.00
8,015.5	90.00	130.00	7,743.0	-306.9	365.8	368.7	12.00	12.00	0.00
8,016.0	90.00	130.00	7,743.0	-307.2	366.1	369.1	0.00	0.00	0.00
7" Intermediate (Opt 2)									
8,100.0	90.00	130.00	7,743.0	-361.2	430.5	434.0	0.00	0.00	0.00
8,200.0	90.00	130.00	7,743.0	-425.5	507.1	511.2	0.00	0.00	0.00
8,300.0	90.00	130.00	7,743.0	-489.8	583.7	588.4	0.00	0.00	0.00
8,400.0	90.00	130.00	7,743.0	-554.1	660.3	665.6	0.00	0.00	0.00
8,500.0	90.00	130.00	7,743.0	-618.3	736.9	742.8	0.00	0.00	0.00
8,600.0	90.00	130.00	7,743.0	-682.6	813.5	820.1	0.00	0.00	0.00
8,700.0	90.00	130.00	7,743.0	-746.9	890.1	897.3	0.00	0.00	0.00
8,800.0	90.00	130.00	7,743.0	-811.2	966.7	974.5	0.00	0.00	0.00
8,900.0	90.00	130.00	7,743.0	-875.5	1,043.3	1,051.7	0.00	0.00	0.00
8,910.5	90.00	130.00	7,743.0	-882.2	1,051.4	1,059.8	0.00	0.00	0.00
9,000.0	90.00	132.69	7,743.0	-941.3	1,118.6	1,130.3	3.00	0.00	3.00
9,100.0	90.00	135.69	7,743.0	-1,011.0	1,190.3	1,211.9	3.00	0.00	3.00
9,200.0	90.00	138.69	7,743.0	-1,084.4	1,258.2	1,296.5	3.00	0.00	3.00
9,300.0	90.00	141.69	7,743.0	-1,161.2	1,322.2	1,383.7	3.00	0.00	3.00
9,400.0	90.00	144.69	7,743.0	-1,241.2	1,382.2	1,473.4	3.00	0.00	3.00
9,500.0	90.00	147.69	7,743.0	-1,324.3	1,437.8	1,565.2	3.00	0.00	3.00
9,600.0	90.00	150.69	7,743.0	-1,410.2	1,489.0	1,659.0	3.00	0.00	3.00
9,700.0	90.00	153.69	7,743.0	-1,498.6	1,535.7	1,754.5	3.00	0.00	3.00
9,800.0	90.00	156.69	7,743.0	-1,589.3	1,577.6	1,851.4	3.00	0.00	3.00
9,900.0	90.00	159.69	7,743.0	-1,682.2	1,614.8	1,949.5	3.00	0.00	3.00

EOG Resources, Inc.

Planning Report

Database:	EDM_DENVER	Local Co-ordinate Reference:	Well Critter Creek 552-2029H
Company:	Denver Division- Colorado	TVD Reference:	RKB @ 5334.0usft (KB GL+25')
Project:	DJ - Hereford Ranch	MD Reference:	RKB @ 5334.0usft (KB GL+25')
Site:	Critter Creek C20 NENW Pad	North Reference:	True
Well:	Critter Creek 552-2029H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	APD Plan (Plat Cert 4/20/15)		

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)
10,000.0	90.00	162.69	7,743.0	-1,776.8	1,647.0	2,048.4	3.00	0.00	3.00
10,100.0	90.00	165.69	7,743.0	-1,873.0	1,674.3	2,148.0	3.00	0.00	3.00
10,200.0	90.00	168.69	7,743.0	-1,970.5	1,696.5	2,247.9	3.00	0.00	3.00
10,300.0	90.00	171.69	7,743.0	-2,069.0	1,713.5	2,347.9	3.00	0.00	3.00
10,400.0	90.00	174.69	7,743.0	-2,168.3	1,725.4	2,447.7	3.00	0.00	3.00
10,500.0	90.00	177.69	7,743.0	-2,268.1	1,732.0	2,547.0	3.00	0.00	3.00
10,577.2	90.00	180.00	7,743.0	-2,345.3	1,733.6	2,623.1	3.00	0.00	3.00
10,600.0	90.00	180.00	7,743.0	-2,368.1	1,733.6	2,645.5	0.00	0.00	0.00
10,700.0	90.00	180.00	7,743.0	-2,468.1	1,733.6	2,743.8	0.00	0.00	0.00
10,800.0	90.00	180.00	7,743.0	-2,568.1	1,733.6	2,842.1	0.00	0.00	0.00
10,900.0	90.00	180.00	7,743.0	-2,668.1	1,733.6	2,940.4	0.00	0.00	0.00
11,000.0	90.00	180.00	7,743.0	-2,768.1	1,733.6	3,038.8	0.00	0.00	0.00
11,100.0	90.00	180.00	7,743.0	-2,868.1	1,733.6	3,137.1	0.00	0.00	0.00
11,200.0	90.00	180.00	7,743.0	-2,968.1	1,733.6	3,235.4	0.00	0.00	0.00
11,300.0	90.00	180.00	7,743.0	-3,068.1	1,733.6	3,333.7	0.00	0.00	0.00
11,400.0	90.00	180.00	7,743.0	-3,168.1	1,733.6	3,432.0	0.00	0.00	0.00
11,500.0	90.00	180.00	7,743.0	-3,268.1	1,733.6	3,530.3	0.00	0.00	0.00
11,600.0	90.00	180.00	7,743.0	-3,368.1	1,733.6	3,628.6	0.00	0.00	0.00
11,700.0	90.00	180.00	7,743.0	-3,468.1	1,733.6	3,726.9	0.00	0.00	0.00
11,800.0	90.00	180.00	7,743.0	-3,568.1	1,733.6	3,825.2	0.00	0.00	0.00
11,900.0	90.00	180.00	7,743.0	-3,668.1	1,733.6	3,923.5	0.00	0.00	0.00
12,000.0	90.00	180.00	7,743.0	-3,768.1	1,733.6	4,021.8	0.00	0.00	0.00
12,100.0	90.00	180.00	7,743.0	-3,868.1	1,733.6	4,120.1	0.00	0.00	0.00
12,200.0	90.00	180.00	7,743.0	-3,968.1	1,733.6	4,218.5	0.00	0.00	0.00
12,300.0	90.00	180.00	7,743.0	-4,068.1	1,733.6	4,316.8	0.00	0.00	0.00
12,400.0	90.00	180.00	7,743.0	-4,168.1	1,733.6	4,415.1	0.00	0.00	0.00
12,500.0	90.00	180.00	7,743.0	-4,268.1	1,733.6	4,513.4	0.00	0.00	0.00
12,600.0	90.00	180.00	7,743.0	-4,368.1	1,733.6	4,611.7	0.00	0.00	0.00
12,700.0	90.00	180.00	7,743.0	-4,468.1	1,733.6	4,710.0	0.00	0.00	0.00
12,800.0	90.00	180.00	7,743.0	-4,568.1	1,733.6	4,808.3	0.00	0.00	0.00
12,900.0	90.00	180.00	7,743.0	-4,668.1	1,733.6	4,906.6	0.00	0.00	0.00
13,000.0	90.00	180.00	7,743.0	-4,768.1	1,733.6	5,004.9	0.00	0.00	0.00
13,100.0	90.00	180.00	7,743.0	-4,868.1	1,733.6	5,103.2	0.00	0.00	0.00
13,200.0	90.00	180.00	7,743.0	-4,968.1	1,733.6	5,201.5	0.00	0.00	0.00
13,300.0	90.00	180.00	7,743.0	-5,068.1	1,733.6	5,299.9	0.00	0.00	0.00
13,400.0	90.00	180.00	7,743.0	-5,168.1	1,733.6	5,398.2	0.00	0.00	0.00
13,500.0	90.00	180.00	7,743.0	-5,268.1	1,733.6	5,496.5	0.00	0.00	0.00
13,600.0	90.00	180.00	7,743.0	-5,368.1	1,733.6	5,594.8	0.00	0.00	0.00
13,700.0	90.00	180.00	7,743.0	-5,468.1	1,733.6	5,693.1	0.00	0.00	0.00
13,800.0	90.00	180.00	7,743.0	-5,568.1	1,733.6	5,791.4	0.00	0.00	0.00
13,900.0	90.00	180.00	7,743.0	-5,668.1	1,733.6	5,889.7	0.00	0.00	0.00
14,000.0	90.00	180.00	7,743.0	-5,768.1	1,733.6	5,988.0	0.00	0.00	0.00
14,100.0	90.00	180.00	7,743.0	-5,868.1	1,733.6	6,086.3	0.00	0.00	0.00
14,200.0	90.00	180.00	7,743.0	-5,968.1	1,733.6	6,184.6	0.00	0.00	0.00
14,300.0	90.00	180.00	7,743.0	-6,068.1	1,733.6	6,282.9	0.00	0.00	0.00
14,400.0	90.00	180.00	7,743.0	-6,168.1	1,733.6	6,381.2	0.00	0.00	0.00
14,500.0	90.00	180.00	7,743.0	-6,268.1	1,733.6	6,479.6	0.00	0.00	0.00
14,600.0	90.00	180.00	7,743.0	-6,368.1	1,733.6	6,577.9	0.00	0.00	0.00
14,700.0	90.00	180.00	7,743.0	-6,468.1	1,733.6	6,676.2	0.00	0.00	0.00
14,800.0	90.00	180.00	7,743.0	-6,568.1	1,733.6	6,774.5	0.00	0.00	0.00
14,900.0	90.00	180.00	7,743.0	-6,668.1	1,733.6	6,872.8	0.00	0.00	0.00
15,000.0	90.00	180.00	7,743.0	-6,768.1	1,733.6	6,971.1	0.00	0.00	0.00
15,100.0	90.00	180.00	7,743.0	-6,868.1	1,733.6	7,069.4	0.00	0.00	0.00
15,200.0	90.00	180.00	7,743.0	-6,968.1	1,733.6	7,167.7	0.00	0.00	0.00

EOG Resources, Inc.

Planning Report

Database:	EDM_DENVER	Local Co-ordinate Reference:	Well Critter Creek 552-2029H
Company:	Denver Division- Colorado	TVD Reference:	RKB @ 5334.0usft (KB GL+25')
Project:	DJ - Hereford Ranch	MD Reference:	RKB @ 5334.0usft (KB GL+25')
Site:	Critter Creek C20 NENW Pad	North Reference:	True
Well:	Critter Creek 552-2029H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	APD Plan (Plat Cert 4/20/15)		

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)	
15,300.0	90.00	180.00	7,743.0	-7,068.1	1,733.6	7,266.0	0.00	0.00	0.00	
15,400.0	90.00	180.00	7,743.0	-7,168.1	1,733.6	7,364.3	0.00	0.00	0.00	
15,500.0	90.00	180.00	7,743.0	-7,268.1	1,733.6	7,462.6	0.00	0.00	0.00	
15,600.0	90.00	180.00	7,743.0	-7,368.1	1,733.6	7,560.9	0.00	0.00	0.00	
15,700.0	90.00	180.00	7,743.0	-7,468.1	1,733.6	7,659.3	0.00	0.00	0.00	
15,800.0	90.00	180.00	7,743.0	-7,568.1	1,733.6	7,757.6	0.00	0.00	0.00	
15,900.0	90.00	180.00	7,743.0	-7,668.1	1,733.6	7,855.9	0.00	0.00	0.00	
16,000.0	90.00	180.00	7,743.0	-7,768.1	1,733.6	7,954.2	0.00	0.00	0.00	
16,100.0	90.00	180.00	7,743.0	-7,868.1	1,733.6	8,052.5	0.00	0.00	0.00	
16,200.0	90.00	180.00	7,743.0	-7,968.1	1,733.6	8,150.8	0.00	0.00	0.00	
16,300.0	90.00	180.00	7,743.0	-8,068.1	1,733.6	8,249.1	0.00	0.00	0.00	
16,400.0	90.00	180.00	7,743.0	-8,168.1	1,733.6	8,347.4	0.00	0.00	0.00	
16,500.0	90.00	180.00	7,743.0	-8,268.1	1,733.6	8,445.7	0.00	0.00	0.00	
16,600.0	90.00	180.00	7,743.0	-8,368.1	1,733.6	8,544.0	0.00	0.00	0.00	
16,700.0	90.00	180.00	7,743.0	-8,468.1	1,733.6	8,642.3	0.00	0.00	0.00	
16,800.0	90.00	180.00	7,743.0	-8,568.1	1,733.6	8,740.6	0.00	0.00	0.00	
16,900.0	90.00	180.00	7,743.0	-8,668.1	1,733.6	8,839.0	0.00	0.00	0.00	
17,000.0	90.00	180.00	7,743.0	-8,768.1	1,733.6	8,937.3	0.00	0.00	0.00	
17,100.0	90.00	180.00	7,743.0	-8,868.1	1,733.5	9,035.6	0.00	0.00	0.00	
17,200.0	90.00	180.00	7,743.0	-8,968.1	1,733.5	9,133.9	0.00	0.00	0.00	
17,300.0	90.00	180.00	7,743.0	-9,068.1	1,733.5	9,232.2	0.00	0.00	0.00	
17,400.0	90.00	180.00	7,743.0	-9,168.1	1,733.5	9,330.5	0.00	0.00	0.00	
17,500.0	90.00	180.00	7,743.0	-9,268.1	1,733.5	9,428.8	0.00	0.00	0.00	
17,537.1	90.00	180.00	7,743.0	-9,305.1	1,733.5	9,465.2	0.00	0.00	0.00	

Design Targets										
Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude		Longitude
- hit/miss target										
- Shape										
Critter Creek 552-2029H	0.00	0.00	7,743.0	-9,305.1	1,733.5	567,965.06	2,289,650.68	40° 53' 15.962 N		104° 27' 8.880 W
- plan hits target center										
- Point										

Casing Points						
Measured Depth (usft)	Vertical Depth (usft)	Name			Casing Diameter (")	Hole Diameter (")
1,529.0	1,529.0	9 5/8" Surface			9-5/8	13-1/2
8,016.0	7,743.0	7" Intermediate (Opt 2)			7	8-3/4
17,537.1	7,743.0	5 1/2" Prod (Opt 1)			5-1/2	8-3/4
17,537.1	7,743.0	4 1/2" Liner (Opt 2)			4-1/2	6-1/8