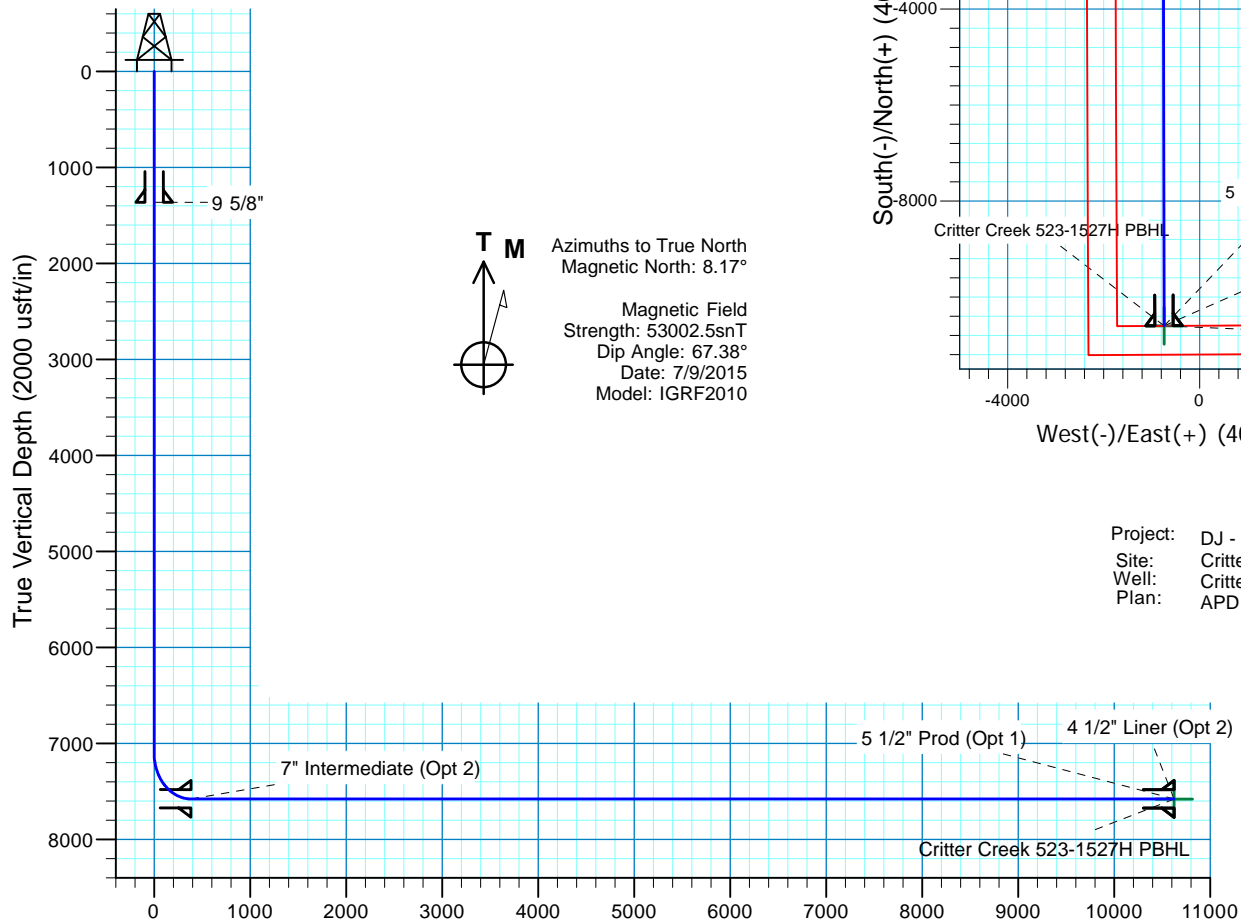




Critter Creek 523-1527H

Sec.15-T11N-R63W
Weld County, Colorado

Surface Location			
NAD 1927 (NADCON CONUS) Colorado North 501			
Ground Elevation: 5235.0 WELL @ 5260.0usft (Original Well Elev)			
Northing	Easting	Latitude	Longitude
578712.26	2298649.39	40° 55' 1.078 N	104° 25' 10.027 W



Vertical Section at 183.99° (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	7102.5	0.00	0.00	7102.5	0.0	0.0	0.00	0.00	0.0	
3	7852.5	90.00	220.00	7580.0	-365.8	-306.9	12.00	220.00	386.2	
4	9189.0	90.00	179.90	7580.0	-1596.6	-753.7	3.00	-90.00	1645.1	Critter Creek 523-1527H PBHL
5	18191.2	90.00	179.90	7580.0	-10598.8	-738.7	0.00	0.00	10624.5	Critter Creek 523-1527H PBHL
TARGET DETAILS										
Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Shape		
Critter Creek 523-1527H PBHL	7580.0	-10598.8	-738.7	568105.25	2298039.87	40° 53' 16.354 N	104° 25' 19.645 W	Point		

Project: DJ - Hereford Ranch
Site: Critter Creek C15 SESW Pad
Well: Critter Creek 523-1527H
Plan: APD Plan (Plat Cert 4/21/15)

Denver Division- Colorado

**DJ - Hereford Ranch
Crittter Creek C15 SESW Pad
Crittter Creek 523-1527H**

OH

Plan: APD Plan (Plat Cert 4/21/15)

Standard Survey Report

09 July, 2015

EOG Resources, Inc.

Survey Report

Company:	Denver Division- Colorado	Local Co-ordinate Reference:	Well Critter Creek 523-1527H
Project:	DJ - Hereford Ranch	TVD Reference:	WELL @ 5260.0usft (Original Well Elev)
Site:	Critter Creek C15 SESW Pad	MD Reference:	WELL @ 5260.0usft (Original Well Elev)
Well:	Critter Creek 523-1527H	North Reference:	True
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	APD Plan (Plat Cert 4/21/15)	Database:	EDM_DENVER

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 C15 SESW Pad		
Site Position:		Northing:	578,700.00 usft
From:	Map	Easting:	2,298,700.00 usft
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16 "
		Latitude:	40° 55' 0.951 N
		Longitude:	104° 25' 9.370 W
		Grid Convergence:	0.70 °

Well	Critter Creek 523-1527H		
Well Position	+N/-S	0.0 usft	Northing:
	+E/-W	0.0 usft	Easting:
Position Uncertainty	0.0 usft	Wellhead Elevation:	0.0 usft
		Latitude:	40° 55' 1.078 N
		Longitude:	104° 25' 10.027 W
		Ground Level:	5,235.0 usft

Wellbore	OH		
Magnetics	Model Name	Sample Date	Declination
			(°)
	IGRF2010	7/9/2015	8.17
			Dip Angle
			(°)
			67.38
			Field Strength
			(nT)
			53,002

Design	APD Plan (Plat Cert 4/21/15)		
Audit Notes:			
Version:	Phase:	PROTOTYPE	Tie On Depth:
			0.0
Vertical Section:	Depth From (TVD)	+N/-S	+E/-W
	(usft)	(usft)	(usft)
	0.0	0.0	0.0
			Direction
			(°)
			183.99

Survey Tool Program	Date	7/9/2015		
From	To	Survey (Wellbore)	Tool Name	Description
(usft)	(usft)			
0.0	18,191.2	APD Plan (Plat Cert 4/21/15) (OH)	MWD	MWD - Standard

Planned Survey									
Measured	Inclination	Azimuth	Vertical	+N/-S	+E/-W	Vertical	Dogleg	Build	Turn
Depth	(°)	(°)	Depth	(usft)	(usft)	Section	Rate	Rate	Rate
(usft)			(usft)			(usft)	(°/100usft)	(°/100usft)	(°/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

EOG Resources, Inc.

Survey Report

Company:	Denver Division- Colorado	Local Co-ordinate Reference:	Well Critter Creek 523-1527H
Project:	DJ - Hereford Ranch	TVD Reference:	WELL @ 5260.0usft (Original Well Elev)
Site:	Critter Creek C15 SESW Pad	MD Reference:	WELL @ 5260.0usft (Original Well Elev)
Well:	Critter Creek 523-1527H	North Reference:	True
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	APD Plan (Plat Cert 4/21/15)	Database:	EDM_DENVER

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)
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
1,366.0	0.00	0.00	1,366.0	0.0	0.0	0.0	0.00	0.00	0.00
9 5/8"									
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	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.

Survey Report

Company:	Denver Division- Colorado	Local Co-ordinate Reference:	Well Critter Creek 523-1527H
Project:	DJ - Hereford Ranch	TVD Reference:	WELL @ 5260.0usft (Original Well Elev)
Site:	Critter Creek C15 SESW Pad	MD Reference:	WELL @ 5260.0usft (Original Well Elev)
Well:	Critter Creek 523-1527H	North Reference:	True
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	APD Plan (Plat Cert 4/21/15)	Database:	EDM_DENVER

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
7,102.5	0.00	0.00	7,102.5	0.0	0.0	0.0	0.00	0.00	0.00
7,200.0	11.70	220.00	7,199.3	-7.6	-6.4	8.0	12.00	12.00	0.00
7,300.0	23.70	220.00	7,294.4	-30.8	-25.9	32.6	12.00	12.00	0.00
7,400.0	35.70	220.00	7,381.1	-68.7	-57.7	72.6	12.00	12.00	0.00
7,500.0	47.70	220.00	7,455.6	-119.6	-100.4	126.3	12.00	12.00	0.00
7,600.0	59.70	220.00	7,514.7	-181.2	-152.1	191.4	12.00	12.00	0.00
7,700.0	71.70	220.00	7,555.8	-250.9	-210.5	264.9	12.00	12.00	0.00
7,800.0	83.70	220.00	7,577.1	-325.6	-273.2	343.8	12.00	12.00	0.00
7,852.0	89.94	220.00	7,580.0	-365.4	-306.6	385.8	12.00	12.00	0.00
7" Intermediate (Opt 2)									
7,852.5	90.00	220.00	7,580.0	-365.8	-306.9	386.2	12.00	12.00	0.00
7,900.0	90.00	218.58	7,580.0	-402.5	-337.0	425.0	3.00	0.00	-3.00
8,000.0	90.00	215.58	7,580.0	-482.3	-397.3	508.8	3.00	0.00	-3.00
8,100.0	90.00	212.58	7,580.0	-565.1	-453.3	595.3	3.00	0.00	-3.00
8,200.0	90.00	209.58	7,580.0	-650.8	-504.9	684.3	3.00	0.00	-3.00
8,300.0	90.00	206.58	7,580.0	-739.0	-552.0	775.6	3.00	0.00	-3.00
8,400.0	90.00	203.58	7,580.0	-829.5	-594.3	868.9	3.00	0.00	-3.00
8,500.0	90.00	200.58	7,580.0	-922.2	-631.9	963.9	3.00	0.00	-3.00
8,600.0	90.00	197.58	7,580.0	-1,016.7	-664.6	1,060.5	3.00	0.00	-3.00
8,700.0	90.00	194.58	7,580.0	-1,112.8	-692.3	1,158.2	3.00	0.00	-3.00
8,800.0	90.00	191.58	7,580.0	-1,210.2	-714.9	1,257.0	3.00	0.00	-3.00
8,900.0	90.00	188.58	7,580.0	-1,308.6	-732.4	1,356.4	3.00	0.00	-3.00
9,000.0	90.00	185.58	7,580.0	-1,407.9	-744.7	1,456.2	3.00	0.00	-3.00

EOG Resources, Inc.

Survey Report

Company:	Denver Division- Colorado	Local Co-ordinate Reference:	Well Critter Creek 523-1527H
Project:	DJ - Hereford Ranch	TVD Reference:	WELL @ 5260.0usft (Original Well Elev)
Site:	Critter Creek C15 SESW Pad	MD Reference:	WELL @ 5260.0usft (Original Well Elev)
Well:	Critter Creek 523-1527H	North Reference:	True
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	APD Plan (Plat Cert 4/21/15)	Database:	EDM_DENVER

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)
9,100.0	90.00	182.58	7,580.0	-1,507.6	-751.8	1,556.2	3.00	0.00	-3.00
9,189.0	90.00	179.90	7,580.0	-1,596.6	-753.7	1,645.1	3.00	0.00	-3.00
9,200.0	90.00	179.90	7,580.0	-1,607.6	-753.7	1,656.1	0.00	0.00	0.00
9,300.0	90.00	179.90	7,580.0	-1,707.6	-753.5	1,755.8	0.00	0.00	0.00
9,400.0	90.00	179.90	7,580.0	-1,807.6	-753.4	1,855.6	0.00	0.00	0.00
9,500.0	90.00	179.90	7,580.0	-1,907.6	-753.2	1,955.3	0.00	0.00	0.00
9,600.0	90.00	179.90	7,580.0	-2,007.6	-753.0	2,055.1	0.00	0.00	0.00
9,700.0	90.00	179.90	7,580.0	-2,107.6	-752.9	2,154.8	0.00	0.00	0.00
9,800.0	90.00	179.90	7,580.0	-2,207.6	-752.7	2,254.6	0.00	0.00	0.00
9,900.0	90.00	179.90	7,580.0	-2,307.6	-752.5	2,354.3	0.00	0.00	0.00
10,000.0	90.00	179.90	7,580.0	-2,407.6	-752.4	2,454.0	0.00	0.00	0.00
10,100.0	90.00	179.90	7,580.0	-2,507.6	-752.2	2,553.8	0.00	0.00	0.00
10,200.0	90.00	179.90	7,580.0	-2,607.6	-752.0	2,653.5	0.00	0.00	0.00
10,300.0	90.00	179.90	7,580.0	-2,707.6	-751.9	2,753.3	0.00	0.00	0.00
10,400.0	90.00	179.90	7,580.0	-2,807.6	-751.7	2,853.0	0.00	0.00	0.00
10,500.0	90.00	179.90	7,580.0	-2,907.6	-751.5	2,952.8	0.00	0.00	0.00
10,600.0	90.00	179.90	7,580.0	-3,007.6	-751.4	3,052.5	0.00	0.00	0.00
10,700.0	90.00	179.90	7,580.0	-3,107.6	-751.2	3,152.3	0.00	0.00	0.00
10,800.0	90.00	179.90	7,580.0	-3,207.6	-751.0	3,252.0	0.00	0.00	0.00
10,900.0	90.00	179.90	7,580.0	-3,307.6	-750.9	3,351.8	0.00	0.00	0.00
11,000.0	90.00	179.90	7,580.0	-3,407.6	-750.7	3,451.5	0.00	0.00	0.00
11,100.0	90.00	179.90	7,580.0	-3,507.6	-750.5	3,551.3	0.00	0.00	0.00
11,200.0	90.00	179.90	7,580.0	-3,607.6	-750.4	3,651.0	0.00	0.00	0.00
11,300.0	90.00	179.90	7,580.0	-3,707.6	-750.2	3,750.7	0.00	0.00	0.00
11,400.0	90.00	179.90	7,580.0	-3,807.6	-750.0	3,850.5	0.00	0.00	0.00
11,500.0	90.00	179.90	7,580.0	-3,907.6	-749.9	3,950.2	0.00	0.00	0.00
11,600.0	90.00	179.90	7,580.0	-4,007.6	-749.7	4,050.0	0.00	0.00	0.00
11,700.0	90.00	179.90	7,580.0	-4,107.6	-749.5	4,149.7	0.00	0.00	0.00
11,800.0	90.00	179.90	7,580.0	-4,207.6	-749.4	4,249.5	0.00	0.00	0.00
11,900.0	90.00	179.90	7,580.0	-4,307.6	-749.2	4,349.2	0.00	0.00	0.00
12,000.0	90.00	179.90	7,580.0	-4,407.6	-749.0	4,449.0	0.00	0.00	0.00
12,100.0	90.00	179.90	7,580.0	-4,507.6	-748.9	4,548.7	0.00	0.00	0.00
12,200.0	90.00	179.90	7,580.0	-4,607.6	-748.7	4,648.5	0.00	0.00	0.00
12,300.0	90.00	179.90	7,580.0	-4,707.6	-748.5	4,748.2	0.00	0.00	0.00
12,400.0	90.00	179.90	7,580.0	-4,807.6	-748.4	4,848.0	0.00	0.00	0.00
12,500.0	90.00	179.90	7,580.0	-4,907.6	-748.2	4,947.7	0.00	0.00	0.00
12,600.0	90.00	179.90	7,580.0	-5,007.6	-748.0	5,047.4	0.00	0.00	0.00
12,700.0	90.00	179.90	7,580.0	-5,107.6	-747.9	5,147.2	0.00	0.00	0.00
12,800.0	90.00	179.90	7,580.0	-5,207.6	-747.7	5,246.9	0.00	0.00	0.00
12,900.0	90.00	179.90	7,580.0	-5,307.6	-747.5	5,346.7	0.00	0.00	0.00
13,000.0	90.00	179.90	7,580.0	-5,407.6	-747.4	5,446.4	0.00	0.00	0.00
13,100.0	90.00	179.90	7,580.0	-5,507.6	-747.2	5,546.2	0.00	0.00	0.00
13,200.0	90.00	179.90	7,580.0	-5,607.6	-747.0	5,645.9	0.00	0.00	0.00
13,300.0	90.00	179.90	7,580.0	-5,707.6	-746.9	5,745.7	0.00	0.00	0.00

EOG Resources, Inc.

Survey Report

Company:	Denver Division- Colorado	Local Co-ordinate Reference:	Well Critter Creek 523-1527H
Project:	DJ - Hereford Ranch	TVD Reference:	WELL @ 5260.0usft (Original Well Elev)
Site:	Critter Creek C15 SESW Pad	MD Reference:	WELL @ 5260.0usft (Original Well Elev)
Well:	Critter Creek 523-1527H	North Reference:	True
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	APD Plan (Plat Cert 4/21/15)	Database:	EDM_DENVER

Planned Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
13,400.0	90.00	179.90	7,580.0	-5,807.6	-746.7	5,845.4	0.00	0.00	0.00
13,500.0	90.00	179.90	7,580.0	-5,907.6	-746.5	5,945.2	0.00	0.00	0.00
13,600.0	90.00	179.90	7,580.0	-6,007.6	-746.4	6,044.9	0.00	0.00	0.00
13,700.0	90.00	179.90	7,580.0	-6,107.6	-746.2	6,144.7	0.00	0.00	0.00
13,800.0	90.00	179.90	7,580.0	-6,207.6	-746.0	6,244.4	0.00	0.00	0.00
13,900.0	90.00	179.90	7,580.0	-6,307.6	-745.9	6,344.1	0.00	0.00	0.00
14,000.0	90.00	179.90	7,580.0	-6,407.6	-745.7	6,443.9	0.00	0.00	0.00
14,100.0	90.00	179.90	7,580.0	-6,507.6	-745.5	6,543.6	0.00	0.00	0.00
14,200.0	90.00	179.90	7,580.0	-6,607.6	-745.4	6,643.4	0.00	0.00	0.00
14,300.0	90.00	179.90	7,580.0	-6,707.6	-745.2	6,743.1	0.00	0.00	0.00
14,400.0	90.00	179.90	7,580.0	-6,807.6	-745.0	6,842.9	0.00	0.00	0.00
14,500.0	90.00	179.90	7,580.0	-6,907.6	-744.9	6,942.6	0.00	0.00	0.00
14,600.0	90.00	179.90	7,580.0	-7,007.6	-744.7	7,042.4	0.00	0.00	0.00
14,700.0	90.00	179.90	7,580.0	-7,107.6	-744.5	7,142.1	0.00	0.00	0.00
14,800.0	90.00	179.90	7,580.0	-7,207.6	-744.4	7,241.9	0.00	0.00	0.00
14,900.0	90.00	179.90	7,580.0	-7,307.6	-744.2	7,341.6	0.00	0.00	0.00
15,000.0	90.00	179.90	7,580.0	-7,407.6	-744.0	7,441.4	0.00	0.00	0.00
15,100.0	90.00	179.90	7,580.0	-7,507.6	-743.9	7,541.1	0.00	0.00	0.00
15,200.0	90.00	179.90	7,580.0	-7,607.6	-743.7	7,640.9	0.00	0.00	0.00
15,300.0	90.00	179.90	7,580.0	-7,707.6	-743.5	7,740.6	0.00	0.00	0.00
15,400.0	90.00	179.90	7,580.0	-7,807.6	-743.4	7,840.3	0.00	0.00	0.00
15,500.0	90.00	179.90	7,580.0	-7,907.6	-743.2	7,940.1	0.00	0.00	0.00
15,600.0	90.00	179.90	7,580.0	-8,007.6	-743.0	8,039.8	0.00	0.00	0.00
15,700.0	90.00	179.90	7,580.0	-8,107.6	-742.9	8,139.6	0.00	0.00	0.00
15,800.0	90.00	179.90	7,580.0	-8,207.6	-742.7	8,239.3	0.00	0.00	0.00
15,900.0	90.00	179.90	7,580.0	-8,307.6	-742.5	8,339.1	0.00	0.00	0.00
16,000.0	90.00	179.90	7,580.0	-8,407.6	-742.4	8,438.8	0.00	0.00	0.00
16,100.0	90.00	179.90	7,580.0	-8,507.6	-742.2	8,538.6	0.00	0.00	0.00
16,200.0	90.00	179.90	7,580.0	-8,607.5	-742.0	8,638.3	0.00	0.00	0.00
16,300.0	90.00	179.90	7,580.0	-8,707.5	-741.9	8,738.1	0.00	0.00	0.00
16,400.0	90.00	179.90	7,580.0	-8,807.5	-741.7	8,837.8	0.00	0.00	0.00
16,500.0	90.00	179.90	7,580.0	-8,907.5	-741.5	8,937.6	0.00	0.00	0.00
16,600.0	90.00	179.90	7,580.0	-9,007.5	-741.4	9,037.3	0.00	0.00	0.00
16,700.0	90.00	179.90	7,580.0	-9,107.5	-741.2	9,137.0	0.00	0.00	0.00
16,800.0	90.00	179.90	7,580.0	-9,207.5	-741.0	9,236.8	0.00	0.00	0.00
16,900.0	90.00	179.90	7,580.0	-9,307.5	-740.9	9,336.5	0.00	0.00	0.00
17,000.0	90.00	179.90	7,580.0	-9,407.5	-740.7	9,436.3	0.00	0.00	0.00
17,100.0	90.00	179.90	7,580.0	-9,507.5	-740.5	9,536.0	0.00	0.00	0.00
17,200.0	90.00	179.90	7,580.0	-9,607.5	-740.4	9,635.8	0.00	0.00	0.00
17,300.0	90.00	179.90	7,580.0	-9,707.5	-740.2	9,735.5	0.00	0.00	0.00
17,400.0	90.00	179.90	7,580.0	-9,807.5	-740.0	9,835.3	0.00	0.00	0.00
17,500.0	90.00	179.90	7,580.0	-9,907.5	-739.9	9,935.0	0.00	0.00	0.00
17,600.0	90.00	179.90	7,580.0	-10,007.5	-739.7	10,034.8	0.00	0.00	0.00

EOG Resources, Inc.

Survey Report

Company:	Denver Division- Colorado	Local Co-ordinate Reference:	Well Critter Creek 523-1527H
Project:	DJ - Hereford Ranch	TVD Reference:	WELL @ 5260.0usft (Original Well Elev)
Site:	Critter Creek C15 SESW Pad	MD Reference:	WELL @ 5260.0usft (Original Well Elev)
Well:	Critter Creek 523-1527H	North Reference:	True
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	APD Plan (Plat Cert 4/21/15)	Database:	EDM_DENVER

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)
17,700.0	90.00	179.90	7,580.0	-10,107.5	-739.5	10,134.5	0.00	0.00	0.00
17,800.0	90.00	179.90	7,580.0	-10,207.5	-739.4	10,234.3	0.00	0.00	0.00
17,900.0	90.00	179.90	7,580.0	-10,307.5	-739.2	10,334.0	0.00	0.00	0.00
18,000.0	90.00	179.90	7,580.0	-10,407.5	-739.0	10,433.7	0.00	0.00	0.00
18,100.0	90.00	179.90	7,580.0	-10,507.5	-738.9	10,533.5	0.00	0.00	0.00
18,191.0	90.00	179.90	7,580.0	-10,598.5	-738.7	10,624.3	0.00	0.00	0.00
5 1/2" Prod (Opt 1) - 4 1/2" Liner (Opt 2)									
18,191.2	90.00	179.90	7,580.0	-10,598.8	-738.7	10,624.5	0.00	0.00	0.00
Critter Creek 523-1527H PBHL									

Design Targets

Target Name - hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude
Critter Creek 523-1527H - plan hits target center - Point	0.00	0.00	7,580.0	-10,598.8	-738.7	568,105.25	2,298,039.87	40° 53' 16.354 N	104° 25' 19.645 W

Casing Points

Measured Depth (usft)	Vertical Depth (usft)	Name	Casing Diameter (")	Hole Diameter (")
1,366.0	1,366.0	9 5/8"	9-5/8	13-1/2
7,852.0	7,580.0	7" Intermediate (Opt 2)	7	8-3/4
18,191.0	7,580.0	5 1/2" Prod (Opt 1)	5-1/2	8-3/4
18,191.0	7,580.0	4 1/2" Liner (Opt 2)	4-1/2	6-1/8

Checked By: _____ Approved By: _____ Date: _____