

Critter Creek 522-1527H

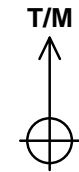
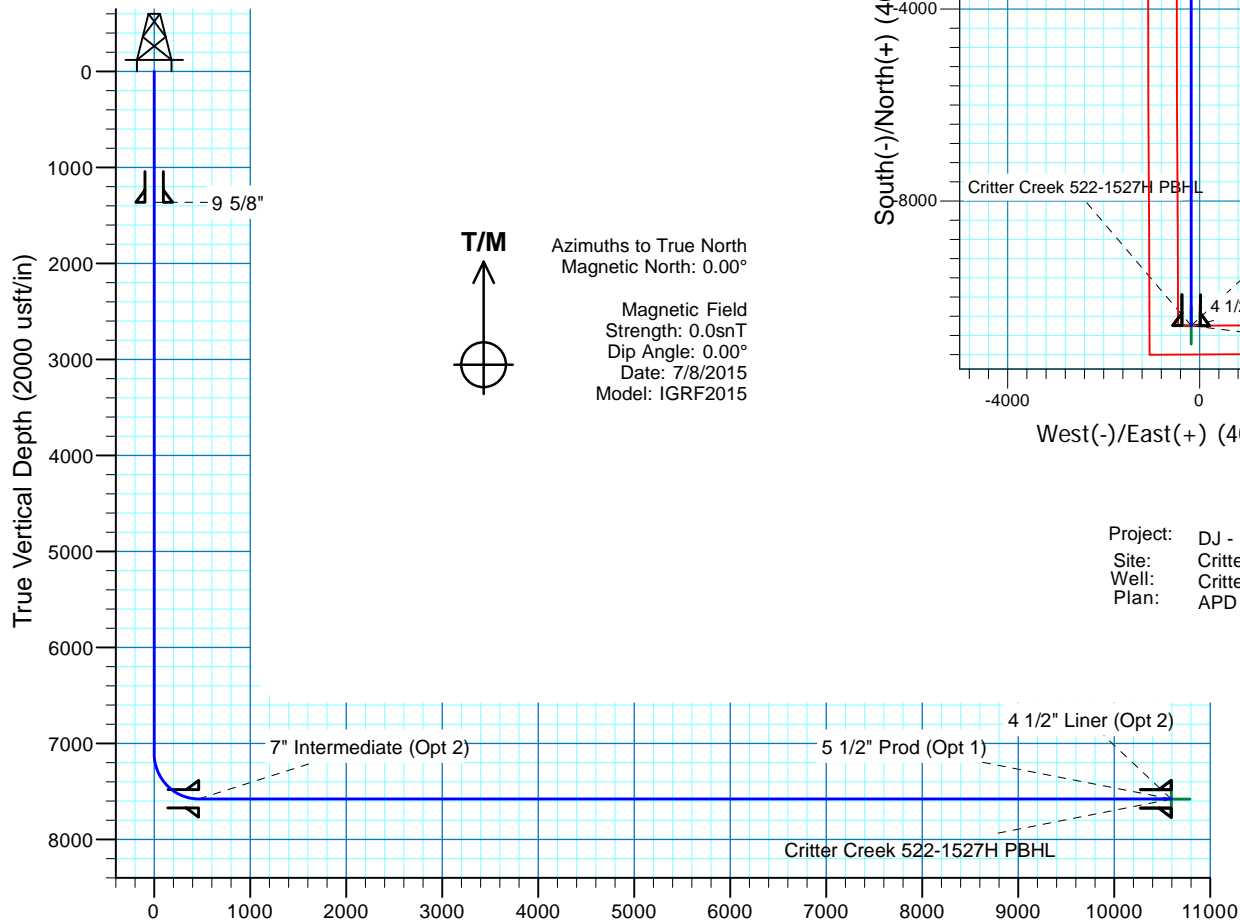
Sec.15-T11N-R63W
Weld County, Colorado

Surface Location

NAD 1927 (NADCON CONUS) Colorado North 501

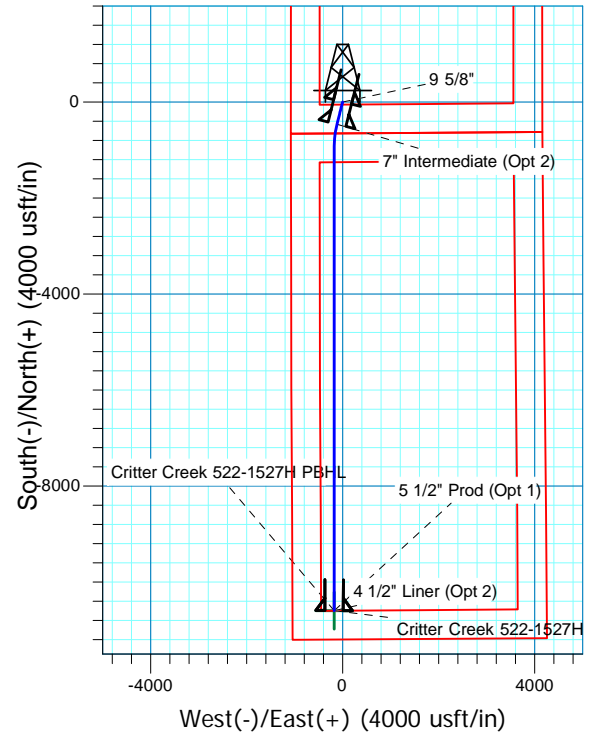
Ground Elevation: 5242.0 RKB @ 5267.0usft (KB GL+25')

Northing	Easting	Latitude	Longitude
578689.05	2297374.81	40° 55' 1.002 N	104° 25' 26.631 W



Azimuths to True North
Magnetic North: 0.00°

Magnetic Field
Strength: 0.0snT
Dip Angle: 0.00°
Date: 7/8/2015
Model: IGRF2015



Project: DJ - Hereford Ranch
Site: Critter Creek C15 SWSW Pad
Well: Critter Creek 522-1527H
Plan: APD Plan (Plat Cert 4/20/15)

Vertical Section at 180.94° (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	194.00	7580.0	-463.3	-115.5	12.00	194.00	465.1	
4	8319.0	90.00	180.01	7580.0	-925.1	-172.2	3.00	-90.00	927.8	Critter Creek 522-1527H PBHL
5	17988.7	90.00	180.01	7580.0	-10594.9	-173.2	0.00	0.00	10596.3	Critter Creek 522-1527H PBHL

TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Shape
Critter Creek 522-1527H PBHL	7580.0	-10594.9	-173.2	568092.85	2297330.15	40° 53' 16.316 N	104° 25' 28.886 W	Point

Denver Division- Colorado

**DJ - Hereford Ranch
Crittter Creek C15 SWSW Pad
Crittter Creek 522-1527H**

OH

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

Standard Survey Report

09 July, 2015

EOG Resources, Inc.

Survey Report

Company:	Denver Division- Colorado	Local Co-ordinate Reference:	Well Critter Creek 522-1527H
Project:	DJ - Hereford Ranch	TVD Reference:	RKB @ 5267.0usft (KB GL+25')
Site:	Critter Creek C15 SWSW Pad	MD Reference:	RKB @ 5267.0usft (KB GL+25')
Well:	Critter Creek 522-1527H	North Reference:	True
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	APD Plan (Plat Cert 4/20/15)	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 SWSW Pad		
Site Position:		Northing:	578,650.00 usft
From:	Map	Easting:	2,297,300.00 usft
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16 "
		Latitude:	40° 55' 0.625 N
		Longitude:	104° 25' 27.611 W
		Grid Convergence:	0.70 °

Well	Critter Creek 522-1527H		
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' 1.002 N
		Longitude:	104° 25' 26.631 W
		Ground Level:	5,242.0 usft

Wellbore	OH		
Magnetics	Model Name	Sample Date	Declination
			(°)
	IGRF2015	7/8/2015	
			Dip Angle
			(°)
			Field Strength
			(nT)

Design	APD Plan (Plat Cert 4/20/15)		
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
			(°)
			180.94

Survey Tool Program	Date	7/9/2015		
From	To	Survey (Wellbore)	Tool Name	Description
(usft)	(usft)			
0.0	17,988.7	APD Plan (Plat Cert 4/20/15) (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 522-1527H
Project:	DJ - Hereford Ranch	TVD Reference:	RKB @ 5267.0usft (KB GL+25')
Site:	Critter Creek C15 SWSW Pad	MD Reference:	RKB @ 5267.0usft (KB GL+25')
Well:	Critter Creek 522-1527H	North Reference:	True
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	APD Plan (Plat Cert 4/20/15)	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 522-1527H
Project:	DJ - Hereford Ranch	TVD Reference:	RKB @ 5267.0usft (KB GL+25')
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Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	APD Plan (Plat Cert 4/20/15)	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	194.00	7,199.3	-9.6	-2.4	9.7	12.00	12.00	0.00
7,300.0	23.70	194.00	7,294.4	-39.1	-9.7	39.2	12.00	12.00	0.00
7,400.0	35.70	194.00	7,381.1	-87.1	-21.7	87.4	12.00	12.00	0.00
7,500.0	47.70	194.00	7,455.6	-151.5	-37.8	152.1	12.00	12.00	0.00
7,600.0	59.70	194.00	7,514.7	-229.5	-57.2	230.4	12.00	12.00	0.00
7,700.0	71.70	194.00	7,555.8	-317.8	-79.2	319.1	12.00	12.00	0.00
7,800.0	83.70	194.00	7,577.1	-412.4	-102.8	414.1	12.00	12.00	0.00
7,852.0	89.94	194.00	7,580.0	-462.8	-115.4	464.6	12.00	12.00	0.00
7" Intermediate (Opt 2)									
7,852.5	90.00	194.00	7,580.0	-463.3	-115.5	465.1	12.00	12.00	0.00
7,900.0	90.00	192.58	7,580.0	-509.5	-126.4	511.5	3.00	0.00	-3.00
8,000.0	90.00	189.58	7,580.0	-607.6	-145.6	609.9	3.00	0.00	-3.00
8,100.0	90.00	186.58	7,580.0	-706.6	-159.7	709.1	3.00	0.00	-3.00
8,200.0	90.00	183.58	7,580.0	-806.2	-168.5	808.9	3.00	0.00	-3.00
8,300.0	90.00	180.58	7,580.0	-906.2	-172.1	908.8	3.00	0.00	-3.00
8,319.0	90.00	180.01	7,580.0	-925.1	-172.2	927.8	3.00	0.00	-3.00
8,400.0	90.00	180.01	7,580.0	-1,006.2	-172.2	1,008.8	0.00	0.00	0.00
8,500.0	90.00	180.01	7,580.0	-1,106.2	-172.3	1,108.8	0.00	0.00	0.00
8,600.0	90.00	180.01	7,580.0	-1,206.2	-172.3	1,208.8	0.00	0.00	0.00
8,700.0	90.00	180.01	7,580.0	-1,306.2	-172.3	1,308.8	0.00	0.00	0.00
8,800.0	90.00	180.01	7,580.0	-1,406.2	-172.3	1,408.8	0.00	0.00	0.00
8,900.0	90.00	180.01	7,580.0	-1,506.2	-172.3	1,508.8	0.00	0.00	0.00

EOG Resources, Inc.

Survey Report

Company:	Denver Division- Colorado	Local Co-ordinate Reference:	Well Critter Creek 522-1527H
Project:	DJ - Hereford Ranch	TVD Reference:	RKB @ 5267.0usft (KB GL+25')
Site:	Critter Creek C15 SWSW Pad	MD Reference:	RKB @ 5267.0usft (KB GL+25')
Well:	Critter Creek 522-1527H	North Reference:	True
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	APD Plan (Plat Cert 4/20/15)	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)
9,000.0	90.00	180.01	7,580.0	-1,606.2	-172.3	1,608.8	0.00	0.00	0.00
9,100.0	90.00	180.01	7,580.0	-1,706.2	-172.3	1,708.7	0.00	0.00	0.00
9,200.0	90.00	180.01	7,580.0	-1,806.2	-172.3	1,808.7	0.00	0.00	0.00
9,300.0	90.00	180.01	7,580.0	-1,906.2	-172.3	1,908.7	0.00	0.00	0.00
9,400.0	90.00	180.01	7,580.0	-2,006.2	-172.3	2,008.7	0.00	0.00	0.00
9,500.0	90.00	180.01	7,580.0	-2,106.2	-172.4	2,108.7	0.00	0.00	0.00
9,600.0	90.00	180.01	7,580.0	-2,206.2	-172.4	2,208.7	0.00	0.00	0.00
9,700.0	90.00	180.01	7,580.0	-2,306.2	-172.4	2,308.7	0.00	0.00	0.00
9,800.0	90.00	180.01	7,580.0	-2,406.2	-172.4	2,408.6	0.00	0.00	0.00
9,900.0	90.00	180.01	7,580.0	-2,506.2	-172.4	2,508.6	0.00	0.00	0.00
10,000.0	90.00	180.01	7,580.0	-2,606.2	-172.4	2,608.6	0.00	0.00	0.00
10,100.0	90.00	180.01	7,580.0	-2,706.2	-172.4	2,708.6	0.00	0.00	0.00
10,200.0	90.00	180.01	7,580.0	-2,806.2	-172.4	2,808.6	0.00	0.00	0.00
10,300.0	90.00	180.01	7,580.0	-2,906.2	-172.4	2,908.6	0.00	0.00	0.00
10,400.0	90.00	180.01	7,580.0	-3,006.2	-172.5	3,008.6	0.00	0.00	0.00
10,500.0	90.00	180.01	7,580.0	-3,106.2	-172.5	3,108.6	0.00	0.00	0.00
10,600.0	90.00	180.01	7,580.0	-3,206.2	-172.5	3,208.5	0.00	0.00	0.00
10,700.0	90.00	180.01	7,580.0	-3,306.2	-172.5	3,308.5	0.00	0.00	0.00
10,800.0	90.00	180.01	7,580.0	-3,406.2	-172.5	3,408.5	0.00	0.00	0.00
10,900.0	90.00	180.01	7,580.0	-3,506.2	-172.5	3,508.5	0.00	0.00	0.00
11,000.0	90.00	180.01	7,580.0	-3,606.2	-172.5	3,608.5	0.00	0.00	0.00
11,100.0	90.00	180.01	7,580.0	-3,706.2	-172.5	3,708.5	0.00	0.00	0.00
11,200.0	90.00	180.01	7,580.0	-3,806.2	-172.5	3,808.5	0.00	0.00	0.00
11,300.0	90.00	180.01	7,580.0	-3,906.2	-172.5	3,908.5	0.00	0.00	0.00
11,400.0	90.00	180.01	7,580.0	-4,006.2	-172.6	4,008.4	0.00	0.00	0.00
11,500.0	90.00	180.01	7,580.0	-4,106.2	-172.6	4,108.4	0.00	0.00	0.00
11,600.0	90.00	180.01	7,580.0	-4,206.2	-172.6	4,208.4	0.00	0.00	0.00
11,700.0	90.00	180.01	7,580.0	-4,306.2	-172.6	4,308.4	0.00	0.00	0.00
11,800.0	90.00	180.01	7,580.0	-4,406.2	-172.6	4,408.4	0.00	0.00	0.00
11,900.0	90.00	180.01	7,580.0	-4,506.2	-172.6	4,508.4	0.00	0.00	0.00
12,000.0	90.00	180.01	7,580.0	-4,606.2	-172.6	4,608.4	0.00	0.00	0.00
12,100.0	90.00	180.01	7,580.0	-4,706.2	-172.6	4,708.3	0.00	0.00	0.00
12,200.0	90.00	180.01	7,580.0	-4,806.2	-172.6	4,808.3	0.00	0.00	0.00
12,300.0	90.00	180.01	7,580.0	-4,906.2	-172.6	4,908.3	0.00	0.00	0.00
12,400.0	90.00	180.01	7,580.0	-5,006.2	-172.7	5,008.3	0.00	0.00	0.00
12,500.0	90.00	180.01	7,580.0	-5,106.2	-172.7	5,108.3	0.00	0.00	0.00
12,600.0	90.00	180.01	7,580.0	-5,206.2	-172.7	5,208.3	0.00	0.00	0.00
12,700.0	90.00	180.01	7,580.0	-5,306.2	-172.7	5,308.3	0.00	0.00	0.00
12,800.0	90.00	180.01	7,580.0	-5,406.2	-172.7	5,408.3	0.00	0.00	0.00
12,900.0	90.00	180.01	7,580.0	-5,506.2	-172.7	5,508.2	0.00	0.00	0.00
13,000.0	90.00	180.01	7,580.0	-5,606.2	-172.7	5,608.2	0.00	0.00	0.00
13,100.0	90.00	180.01	7,580.0	-5,706.2	-172.7	5,708.2	0.00	0.00	0.00
13,200.0	90.00	180.01	7,580.0	-5,806.2	-172.7	5,808.2	0.00	0.00	0.00
13,300.0	90.00	180.01	7,580.0	-5,906.2	-172.7	5,908.2	0.00	0.00	0.00

EOG Resources, Inc.

Survey Report

Company:	Denver Division- Colorado	Local Co-ordinate Reference:	Well Critter Creek 522-1527H
Project:	DJ - Hereford Ranch	TVD Reference:	RKB @ 5267.0usft (KB GL+25')
Site:	Critter Creek C15 SWSW Pad	MD Reference:	RKB @ 5267.0usft (KB GL+25')
Well:	Critter Creek 522-1527H	North Reference:	True
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	APD Plan (Plat Cert 4/20/15)	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	180.01	7,580.0	-6,006.2	-172.8	6,008.2	0.00	0.00	0.00
13,500.0	90.00	180.01	7,580.0	-6,106.2	-172.8	6,108.2	0.00	0.00	0.00
13,600.0	90.00	180.01	7,580.0	-6,206.2	-172.8	6,208.1	0.00	0.00	0.00
13,700.0	90.00	180.01	7,580.0	-6,306.2	-172.8	6,308.1	0.00	0.00	0.00
13,800.0	90.00	180.01	7,580.0	-6,406.2	-172.8	6,408.1	0.00	0.00	0.00
13,900.0	90.00	180.01	7,580.0	-6,506.2	-172.8	6,508.1	0.00	0.00	0.00
14,000.0	90.00	180.01	7,580.0	-6,606.2	-172.8	6,608.1	0.00	0.00	0.00
14,100.0	90.00	180.01	7,580.0	-6,706.2	-172.8	6,708.1	0.00	0.00	0.00
14,200.0	90.00	180.01	7,580.0	-6,806.2	-172.8	6,808.1	0.00	0.00	0.00
14,300.0	90.00	180.01	7,580.0	-6,906.2	-172.8	6,908.1	0.00	0.00	0.00
14,400.0	90.00	180.01	7,580.0	-7,006.2	-172.9	7,008.0	0.00	0.00	0.00
14,500.0	90.00	180.01	7,580.0	-7,106.2	-172.9	7,108.0	0.00	0.00	0.00
14,600.0	90.00	180.01	7,580.0	-7,206.2	-172.9	7,208.0	0.00	0.00	0.00
14,700.0	90.00	180.01	7,580.0	-7,306.2	-172.9	7,308.0	0.00	0.00	0.00
14,800.0	90.00	180.01	7,580.0	-7,406.2	-172.9	7,408.0	0.00	0.00	0.00
14,900.0	90.00	180.01	7,580.0	-7,506.2	-172.9	7,508.0	0.00	0.00	0.00
15,000.0	90.00	180.01	7,580.0	-7,606.2	-172.9	7,608.0	0.00	0.00	0.00
15,100.0	90.00	180.01	7,580.0	-7,706.2	-172.9	7,707.9	0.00	0.00	0.00
15,200.0	90.00	180.01	7,580.0	-7,806.2	-172.9	7,807.9	0.00	0.00	0.00
15,300.0	90.00	180.01	7,580.0	-7,906.2	-172.9	7,907.9	0.00	0.00	0.00
15,400.0	90.00	180.01	7,580.0	-8,006.2	-173.0	8,007.9	0.00	0.00	0.00
15,500.0	90.00	180.01	7,580.0	-8,106.2	-173.0	8,107.9	0.00	0.00	0.00
15,600.0	90.00	180.01	7,580.0	-8,206.2	-173.0	8,207.9	0.00	0.00	0.00
15,700.0	90.00	180.01	7,580.0	-8,306.2	-173.0	8,307.9	0.00	0.00	0.00
15,800.0	90.00	180.01	7,580.0	-8,406.2	-173.0	8,407.9	0.00	0.00	0.00
15,900.0	90.00	180.01	7,580.0	-8,506.2	-173.0	8,507.8	0.00	0.00	0.00
16,000.0	90.00	180.01	7,580.0	-8,606.2	-173.0	8,607.8	0.00	0.00	0.00
16,100.0	90.00	180.01	7,580.0	-8,706.2	-173.0	8,707.8	0.00	0.00	0.00
16,200.0	90.00	180.01	7,580.0	-8,806.2	-173.0	8,807.8	0.00	0.00	0.00
16,300.0	90.00	180.01	7,580.0	-8,906.2	-173.1	8,907.8	0.00	0.00	0.00
16,400.0	90.00	180.01	7,580.0	-9,006.2	-173.1	9,007.8	0.00	0.00	0.00
16,500.0	90.00	180.01	7,580.0	-9,106.2	-173.1	9,107.8	0.00	0.00	0.00
16,600.0	90.00	180.01	7,580.0	-9,206.2	-173.1	9,207.8	0.00	0.00	0.00
16,700.0	90.00	180.01	7,580.0	-9,306.2	-173.1	9,307.7	0.00	0.00	0.00
16,800.0	90.00	180.01	7,580.0	-9,406.2	-173.1	9,407.7	0.00	0.00	0.00
16,900.0	90.00	180.01	7,580.0	-9,506.2	-173.1	9,507.7	0.00	0.00	0.00
17,000.0	90.00	180.01	7,580.0	-9,606.2	-173.1	9,607.7	0.00	0.00	0.00
17,100.0	90.00	180.01	7,580.0	-9,706.2	-173.1	9,707.7	0.00	0.00	0.00
17,200.0	90.00	180.01	7,580.0	-9,806.2	-173.1	9,807.7	0.00	0.00	0.00
17,300.0	90.00	180.01	7,580.0	-9,906.2	-173.2	9,907.7	0.00	0.00	0.00
17,400.0	90.00	180.01	7,580.0	-10,006.2	-173.2	10,007.6	0.00	0.00	0.00
17,500.0	90.00	180.01	7,580.0	-10,106.2	-173.2	10,107.6	0.00	0.00	0.00
17,600.0	90.00	180.01	7,580.0	-10,206.2	-173.2	10,207.6	0.00	0.00	0.00

EOG Resources, Inc.

Survey Report

Company:	Denver Division- Colorado	Local Co-ordinate Reference:	Well Critter Creek 522-1527H
Project:	DJ - Hereford Ranch	TVD Reference:	RKB @ 5267.0usft (KB GL+25')
Site:	Critter Creek C15 SWSW Pad	MD Reference:	RKB @ 5267.0usft (KB GL+25')
Well:	Critter Creek 522-1527H	North Reference:	True
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	APD Plan (Plat Cert 4/20/15)	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	180.01	7,580.0	-10,306.2	-173.2	10,307.6	0.00	0.00	0.00
17,800.0	90.00	180.01	7,580.0	-10,406.2	-173.2	10,407.6	0.00	0.00	0.00
17,900.0	90.00	180.01	7,580.0	-10,506.2	-173.2	10,507.6	0.00	0.00	0.00
17,988.0	90.00	180.01	7,580.0	-10,594.2	-173.2	10,595.6	0.00	0.00	0.00
5 1/2" Prod (Opt 1) - 4 1/2" Liner (Opt 2)									
17,988.7	90.00	180.01	7,580.0	-10,594.9	-173.2	10,596.3	0.00	0.00	0.00
Critter Creek 522-1527H PBHL									

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 522-1527H	0.00	0.00	7,580.0	-10,594.9	-173.2	568,092.85	2,297,330.15	40° 53' 16.316 N	104° 25' 28.886 W
- plan hits target center									
- Point									

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
17,988.0	7,580.0	5 1/2" Prod (Opt 1)	5-1/2	8-3/4
17,988.0	7,580.0	4 1/2" Liner (Opt 2)	4-1/2	6-1/8

Checked By: _____ Approved By: _____ Date: _____