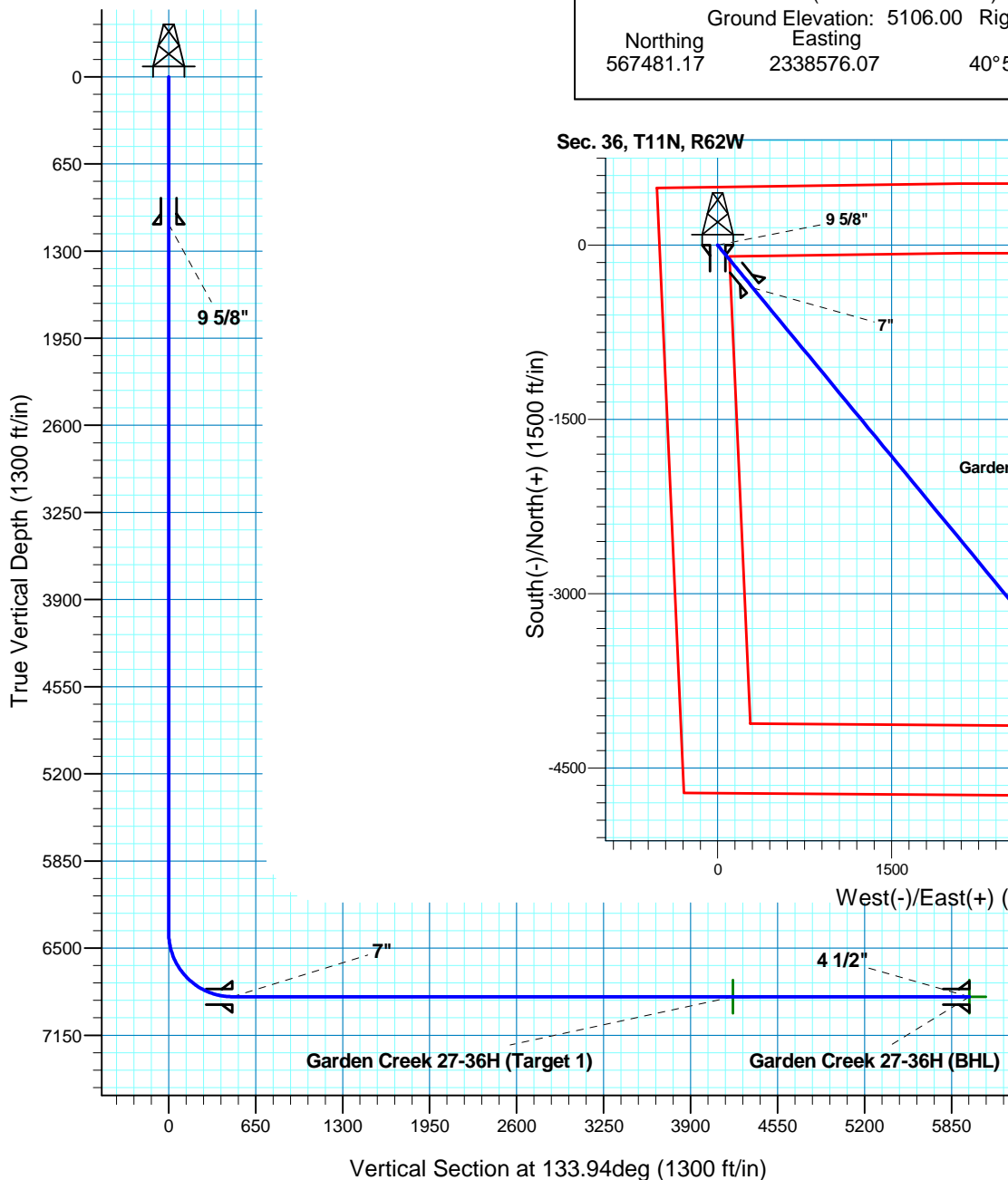


Garden Creek 27-36H

Section 36 T11N R62W
Weld County, CO

Surface Location

NAD 1927 (NADCON CONUS) Colorado North 501
Ground Elevation: 5106.00 Rig @ 5131.00ft (TBD)
Northing 567481.17 Easting 2338576.07 Latitude 40°53' 4.988 N Longitude 104°16' 32.056 W



T M
Azimuths to True North
Magnetic North: 8.72°
Magnetic Field
Strength: 53550.8snT
Dip Angle: 67.56°
Date: 7/8/2010
Model: IGRF200510

Project: DJ - Hereford Ranch
Site: Garden Creek 27-36H
Well: Garden Creek 27-36H
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	6384.53	0.00	0.00	6384.53	0.00	0.00	0.00	0.00	0.00	
3	7134.54	90.00	140.48	6862.00	-368.30	303.85	12.00	140.48	474.36	
4	10902.12	90.00	140.48	6862.00	-3274.50	2701.50	0.00	0.00	4217.41	Garden Creek 27-36H (Target 1)
5	12777.50	90.00	96.75	6862.00	-4150.94	4308.19	2.33	-90.00	5982.54	Garden Creek 27-36H (BHL)

TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Shape
Garden Creek 27-36H (BHL)	6862.00	-4150.94	4308.19	563390.11	2342941.16	40°52' 23.970 N	104°15' 35.978 W	Poi nt
Garden Creek 27-36H (Target 1)	6862.00	-3274.50	2701.50	564244.29	2341322.52	40°52' 32.632 N	104°15' 56.890 W	Point

Denver Division- Colorado

**DJ - Hereford Ranch
Garden Creek 27-36H
Garden Creek 27-36H
Original Wellbore**

Plan: APD Directional Plan

Standard Planning Report

08 July, 2010

EOG RESOURCES INC.

Planning Report

Database:	EDM	Local Co-ordinate Reference:	Site Garden Creek 27-36H
Company:	Denver Division- Colorado	TVD Reference:	Rig @ 5131.00ft (TBD)
Project:	DJ - Hereford Ranch	MD Reference:	Rig @ 5131.00ft (TBD)
Site:	Garden Creek 27-36H	North Reference:	True
Well:	Garden Creek 27-36H	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	Garden Creek 27-36H				
Site Position:		Northing:	567,481.17ft	Latitude:	40° 53' 4.988 N
From:	Lat/Long	Easting:	2,338,576.07ft	Longitude:	104° 16' 32.056 W
Position Uncertainty:	0.00 ft	Slot Radius:	"	Grid Convergence:	0.79 deg

Well	Garden Creek 27-36H					
Well Position	+N/-S	0.00 ft	Northing:	567,481.17 ft	Latitude:	40° 53' 4.988 N
	+E/-W	0.00 ft	Easting:	2,338,576.07 ft	Longitude:	104° 16' 32.056 W
Position Uncertainty		0.00 ft	Wellhead Elevation:	ft	Ground Level:	5,106.00ft

Wellbore	Original Wellbore				
Magnetics	Model Name	Sample Date	Declination (deg)	Dip Angle (deg)	Field Strength (nT)
	IGRF200510	7/8/2010	8.72	67.56	53,551

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	133.94

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	
6,384.53	0.00	0.00	6,384.53	0.00	0.00	0.00	0.00	0.00	0.00	
7,134.54	90.00	140.48	6,862.00	-368.30	303.85	12.00	12.00	0.00	140.48	
10,902.12	90.00	140.48	6,862.00	-3,274.50	2,701.50	0.00	0.00	0.00	0.00	Garden Creek 27-3
12,777.50	90.00	96.75	6,862.00	-4,150.94	4,308.19	2.33	0.00	-2.33	-90.00	Garden Creek 27-3

EOG RESOURCES INC.

Planning Report

Database:	EDM	Local Co-ordinate Reference:	Site Garden Creek 27-36H
Company:	Denver Division- Colorado	TVD Reference:	Rig @ 5131.00ft (TBD)
Project:	DJ - Hereford Ranch	MD Reference:	Rig @ 5131.00ft (TBD)
Site:	Garden Creek 27-36H	North Reference:	True
Well:	Garden Creek 27-36H	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
9 5/8"									
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
1,500.00	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
1,700.00	0.00	0.00	1,700.00	0.00	0.00	0.00	0.00	0.00	0.00
1,800.00	0.00	0.00	1,800.00	0.00	0.00	0.00	0.00	0.00	0.00
1,900.00	0.00	0.00	1,900.00	0.00	0.00	0.00	0.00	0.00	0.00
2,000.00	0.00	0.00	2,000.00	0.00	0.00	0.00	0.00	0.00	0.00
2,100.00	0.00	0.00	2,100.00	0.00	0.00	0.00	0.00	0.00	0.00
2,200.00	0.00	0.00	2,200.00	0.00	0.00	0.00	0.00	0.00	0.00
2,300.00	0.00	0.00	2,300.00	0.00	0.00	0.00	0.00	0.00	0.00
2,400.00	0.00	0.00	2,400.00	0.00	0.00	0.00	0.00	0.00	0.00
2,500.00	0.00	0.00	2,500.00	0.00	0.00	0.00	0.00	0.00	0.00
2,600.00	0.00	0.00	2,600.00	0.00	0.00	0.00	0.00	0.00	0.00
2,700.00	0.00	0.00	2,700.00	0.00	0.00	0.00	0.00	0.00	0.00
2,800.00	0.00	0.00	2,800.00	0.00	0.00	0.00	0.00	0.00	0.00
2,900.00	0.00	0.00	2,900.00	0.00	0.00	0.00	0.00	0.00	0.00
3,000.00	0.00	0.00	3,000.00	0.00	0.00	0.00	0.00	0.00	0.00
3,100.00	0.00	0.00	3,100.00	0.00	0.00	0.00	0.00	0.00	0.00
3,200.00	0.00	0.00	3,200.00	0.00	0.00	0.00	0.00	0.00	0.00
3,300.00	0.00	0.00	3,300.00	0.00	0.00	0.00	0.00	0.00	0.00
3,400.00	0.00	0.00	3,400.00	0.00	0.00	0.00	0.00	0.00	0.00
3,500.00	0.00	0.00	3,500.00	0.00	0.00	0.00	0.00	0.00	0.00
3,600.00	0.00	0.00	3,600.00	0.00	0.00	0.00	0.00	0.00	0.00
3,700.00	0.00	0.00	3,700.00	0.00	0.00	0.00	0.00	0.00	0.00
3,800.00	0.00	0.00	3,800.00	0.00	0.00	0.00	0.00	0.00	0.00
3,900.00	0.00	0.00	3,900.00	0.00	0.00	0.00	0.00	0.00	0.00
4,000.00	0.00	0.00	4,000.00	0.00	0.00	0.00	0.00	0.00	0.00
4,100.00	0.00	0.00	4,100.00	0.00	0.00	0.00	0.00	0.00	0.00
4,200.00	0.00	0.00	4,200.00	0.00	0.00	0.00	0.00	0.00	0.00
4,300.00	0.00	0.00	4,300.00	0.00	0.00	0.00	0.00	0.00	0.00
4,400.00	0.00	0.00	4,400.00	0.00	0.00	0.00	0.00	0.00	0.00
4,500.00	0.00	0.00	4,500.00	0.00	0.00	0.00	0.00	0.00	0.00
4,600.00	0.00	0.00	4,600.00	0.00	0.00	0.00	0.00	0.00	0.00
4,700.00	0.00	0.00	4,700.00	0.00	0.00	0.00	0.00	0.00	0.00
4,800.00	0.00	0.00	4,800.00	0.00	0.00	0.00	0.00	0.00	0.00
4,900.00	0.00	0.00	4,900.00	0.00	0.00	0.00	0.00	0.00	0.00
5,000.00	0.00	0.00	5,000.00	0.00	0.00	0.00	0.00	0.00	0.00
5,100.00	0.00	0.00	5,100.00	0.00	0.00	0.00	0.00	0.00	0.00

EOG RESOURCES INC.

Planning Report

Database:	EDM	Local Co-ordinate Reference:	Site Garden Creek 27-36H
Company:	Denver Division- Colorado	TVD Reference:	Rig @ 5131.00ft (TBD)
Project:	DJ - Hereford Ranch	MD Reference:	Rig @ 5131.00ft (TBD)
Site:	Garden Creek 27-36H	North Reference:	True
Well:	Garden Creek 27-36H	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)
5,200.00	0.00	0.00	5,200.00	0.00	0.00	0.00	0.00	0.00	0.00
5,300.00	0.00	0.00	5,300.00	0.00	0.00	0.00	0.00	0.00	0.00
5,400.00	0.00	0.00	5,400.00	0.00	0.00	0.00	0.00	0.00	0.00
5,500.00	0.00	0.00	5,500.00	0.00	0.00	0.00	0.00	0.00	0.00
5,600.00	0.00	0.00	5,600.00	0.00	0.00	0.00	0.00	0.00	0.00
5,700.00	0.00	0.00	5,700.00	0.00	0.00	0.00	0.00	0.00	0.00
5,800.00	0.00	0.00	5,800.00	0.00	0.00	0.00	0.00	0.00	0.00
5,900.00	0.00	0.00	5,900.00	0.00	0.00	0.00	0.00	0.00	0.00
6,000.00	0.00	0.00	6,000.00	0.00	0.00	0.00	0.00	0.00	0.00
6,100.00	0.00	0.00	6,100.00	0.00	0.00	0.00	0.00	0.00	0.00
6,200.00	0.00	0.00	6,200.00	0.00	0.00	0.00	0.00	0.00	0.00
6,300.00	0.00	0.00	6,300.00	0.00	0.00	0.00	0.00	0.00	0.00
6,384.53	0.00	0.00	6,384.53	0.00	0.00	0.00	0.00	0.00	0.00
6,400.00	1.86	140.48	6,400.00	-0.19	0.16	0.25	12.00	12.00	0.00
6,500.00	13.86	140.48	6,498.88	-10.72	8.84	13.80	12.00	12.00	0.00
6,600.00	25.86	140.48	6,592.76	-36.87	30.42	47.49	12.00	12.00	0.00
6,700.00	37.86	140.48	6,677.54	-77.51	63.94	99.82	12.00	12.00	0.00
6,800.00	49.86	140.48	6,749.52	-130.85	107.96	168.53	12.00	12.00	0.00
6,900.00	61.86	140.48	6,805.55	-194.58	160.53	250.61	12.00	12.00	0.00
7,000.00	73.86	140.48	6,843.17	-265.89	219.37	342.46	12.00	12.00	0.00
7,100.00	85.86	140.48	6,860.75	-341.69	281.89	440.08	12.00	12.00	0.00
7,134.54	90.00	140.48	6,862.00	-368.31	303.86	474.36	12.00	12.00	0.00
7"									
7,200.00	90.00	140.48	6,862.00	-418.80	345.51	539.39	0.00	0.00	0.00
7,300.00	90.00	140.48	6,862.00	-495.94	409.15	638.74	0.00	0.00	0.00
7,400.00	90.00	140.48	6,862.00	-573.07	472.79	738.09	0.00	0.00	0.00
7,500.00	90.00	140.48	6,862.00	-650.21	536.43	837.44	0.00	0.00	0.00
7,600.00	90.00	140.48	6,862.00	-727.35	600.07	936.79	0.00	0.00	0.00
7,700.00	90.00	140.48	6,862.00	-804.48	663.71	1,036.14	0.00	0.00	0.00
7,800.00	90.00	140.48	6,862.00	-881.62	727.35	1,135.49	0.00	0.00	0.00
7,900.00	90.00	140.48	6,862.00	-958.76	790.99	1,234.84	0.00	0.00	0.00
8,000.00	90.00	140.48	6,862.00	-1,035.89	854.62	1,334.19	0.00	0.00	0.00
8,100.00	90.00	140.48	6,862.00	-1,113.03	918.26	1,433.53	0.00	0.00	0.00
8,200.00	90.00	140.48	6,862.00	-1,190.17	981.90	1,532.88	0.00	0.00	0.00
8,300.00	90.00	140.48	6,862.00	-1,267.31	1,045.54	1,632.23	0.00	0.00	0.00
8,400.00	90.00	140.48	6,862.00	-1,344.44	1,109.18	1,731.58	0.00	0.00	0.00
8,500.00	90.00	140.48	6,862.00	-1,421.58	1,172.82	1,830.93	0.00	0.00	0.00
8,600.00	90.00	140.48	6,862.00	-1,498.72	1,236.46	1,930.28	0.00	0.00	0.00
8,700.00	90.00	140.48	6,862.00	-1,575.85	1,300.10	2,029.63	0.00	0.00	0.00
8,800.00	90.00	140.48	6,862.00	-1,652.99	1,363.74	2,128.98	0.00	0.00	0.00
8,900.00	90.00	140.48	6,862.00	-1,730.13	1,427.37	2,228.33	0.00	0.00	0.00
9,000.00	90.00	140.48	6,862.00	-1,807.26	1,491.01	2,327.67	0.00	0.00	0.00
9,100.00	90.00	140.48	6,862.00	-1,884.40	1,554.65	2,427.02	0.00	0.00	0.00
9,200.00	90.00	140.48	6,862.00	-1,961.54	1,618.29	2,526.37	0.00	0.00	0.00
9,300.00	90.00	140.48	6,862.00	-2,038.67	1,681.93	2,625.72	0.00	0.00	0.00
9,400.00	90.00	140.48	6,862.00	-2,115.81	1,745.57	2,725.07	0.00	0.00	0.00
9,500.00	90.00	140.48	6,862.00	-2,192.95	1,809.21	2,824.42	0.00	0.00	0.00
9,600.00	90.00	140.48	6,862.00	-2,270.08	1,872.85	2,923.77	0.00	0.00	0.00
9,700.00	90.00	140.48	6,862.00	-2,347.22	1,936.48	3,023.12	0.00	0.00	0.00
9,800.00	90.00	140.48	6,862.00	-2,424.36	2,000.12	3,122.47	0.00	0.00	0.00
9,900.00	90.00	140.48	6,862.00	-2,501.50	2,063.76	3,221.81	0.00	0.00	0.00
10,000.00	90.00	140.48	6,862.00	-2,578.63	2,127.40	3,321.16	0.00	0.00	0.00
10,100.00	90.00	140.48	6,862.00	-2,655.77	2,191.04	3,420.51	0.00	0.00	0.00

EOG RESOURCES INC.

Planning Report

Database:	EDM	Local Co-ordinate Reference:	Site Garden Creek 27-36H
Company:	Denver Division- Colorado	TVD Reference:	Rig @ 5131.00ft (TBD)
Project:	DJ - Hereford Ranch	MD Reference:	Rig @ 5131.00ft (TBD)
Site:	Garden Creek 27-36H	North Reference:	True
Well:	Garden Creek 27-36H	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)
10,200.00	90.00	140.48	6,862.00	-2,732.91	2,254.68	3,519.86	0.00	0.00	0.00
10,300.00	90.00	140.48	6,862.00	-2,810.04	2,318.32	3,619.21	0.00	0.00	0.00
10,400.00	90.00	140.48	6,862.00	-2,887.18	2,381.96	3,718.56	0.00	0.00	0.00
10,500.00	90.00	140.48	6,862.00	-2,964.32	2,445.60	3,817.91	0.00	0.00	0.00
10,600.00	90.00	140.48	6,862.00	-3,041.45	2,509.23	3,917.26	0.00	0.00	0.00
10,700.00	90.00	140.48	6,862.00	-3,118.59	2,572.87	4,016.61	0.00	0.00	0.00
10,800.00	90.00	140.48	6,862.00	-3,195.73	2,636.51	4,115.95	0.00	0.00	0.00
10,900.00	90.00	140.48	6,862.00	-3,272.86	2,700.15	4,215.30	0.00	0.00	0.00
10,902.12	90.00	140.48	6,862.00	-3,274.50	2,701.50	4,217.41	0.00	0.00	0.00
11,000.00	90.00	138.19	6,862.00	-3,348.74	2,765.28	4,314.85	2.33	0.00	-2.33
11,100.00	90.00	135.86	6,862.00	-3,421.91	2,833.43	4,414.70	2.33	0.00	-2.33
11,200.00	90.00	133.53	6,862.00	-3,492.24	2,904.51	4,514.68	2.33	0.00	-2.33
11,300.00	90.00	131.20	6,862.00	-3,559.62	2,978.39	4,614.64	2.33	0.00	-2.33
11,400.00	90.00	128.87	6,862.00	-3,623.94	3,054.96	4,714.40	2.33	0.00	-2.33
11,500.00	90.00	126.54	6,862.00	-3,685.09	3,134.07	4,813.80	2.33	0.00	-2.33
11,600.00	90.00	124.20	6,862.00	-3,742.97	3,215.61	4,912.68	2.33	0.00	-2.33
11,700.00	90.00	121.87	6,862.00	-3,797.48	3,299.43	5,010.87	2.33	0.00	-2.33
11,800.00	90.00	119.54	6,862.00	-3,848.55	3,385.41	5,108.21	2.33	0.00	-2.33
11,900.00	90.00	117.21	6,862.00	-3,896.07	3,473.39	5,204.54	2.33	0.00	-2.33
12,000.00	90.00	114.88	6,862.00	-3,939.97	3,563.23	5,299.69	2.33	0.00	-2.33
12,100.00	90.00	112.55	6,862.00	-3,980.18	3,654.78	5,393.52	2.33	0.00	-2.33
12,200.00	90.00	110.21	6,862.00	-4,016.63	3,747.89	5,485.86	2.33	0.00	-2.33
12,300.00	90.00	107.88	6,862.00	-4,049.26	3,842.41	5,576.57	2.33	0.00	-2.33
12,400.00	90.00	105.55	6,862.00	-4,078.02	3,938.18	5,665.49	2.33	0.00	-2.33
12,500.00	90.00	103.22	6,862.00	-4,102.86	4,035.04	5,752.48	2.33	0.00	-2.33
12,600.00	90.00	100.89	6,862.00	-4,123.74	4,132.83	5,837.39	2.33	0.00	-2.33
12,700.00	90.00	98.55	6,862.00	-4,140.62	4,231.38	5,920.07	2.33	0.00	-2.33
12,777.50	90.00	96.75	6,862.00	-4,150.94	4,308.19	5,982.54	2.33	0.00	-2.33

Targets									
Target Name	Dip Angle (deg)	Dip Dir. (deg)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude
Garden Creek 27-36H - hit/miss target - Shape - Point	0.00	0.00	6,862.00	-4,150.94	4,308.19	563,390.11	2,342,941.16	40° 52' 23.970 N	104° 15' 35.978 W
Garden Creek 27-36H - plan hits target center - Point	0.00	0.00	6,862.00	-3,274.50	2,701.50	564,244.29	2,341,322.52	40° 52' 32.632 N	104° 15' 56.890 W

Casing Points					
Measured Depth (ft)	Vertical Depth (ft)	Name	Casing Diameter (")	Hole Diameter (")	
1,100.00	1,100.00	9 5/8"	9-5/8	13-1/2	
7,134.54	6,862.00	7"	7	8-3/4	
12,777.50	6,862.00	4 1/2"	4-1/2	6	

EOG RESOURCES INC.

Planning Report

Database:	EDM	Local Co-ordinate Reference:	Site Garden Creek 27-36H
Company:	Denver Division- Colorado	TVD Reference:	Rig @ 5131.00ft (TBD)
Project:	DJ - Hereford Ranch	MD Reference:	Rig @ 5131.00ft (TBD)
Site:	Garden Creek 27-36H	North Reference:	True
Well:	Garden Creek 27-36H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Original Wellbore		
Design:	APD Directional Plan		