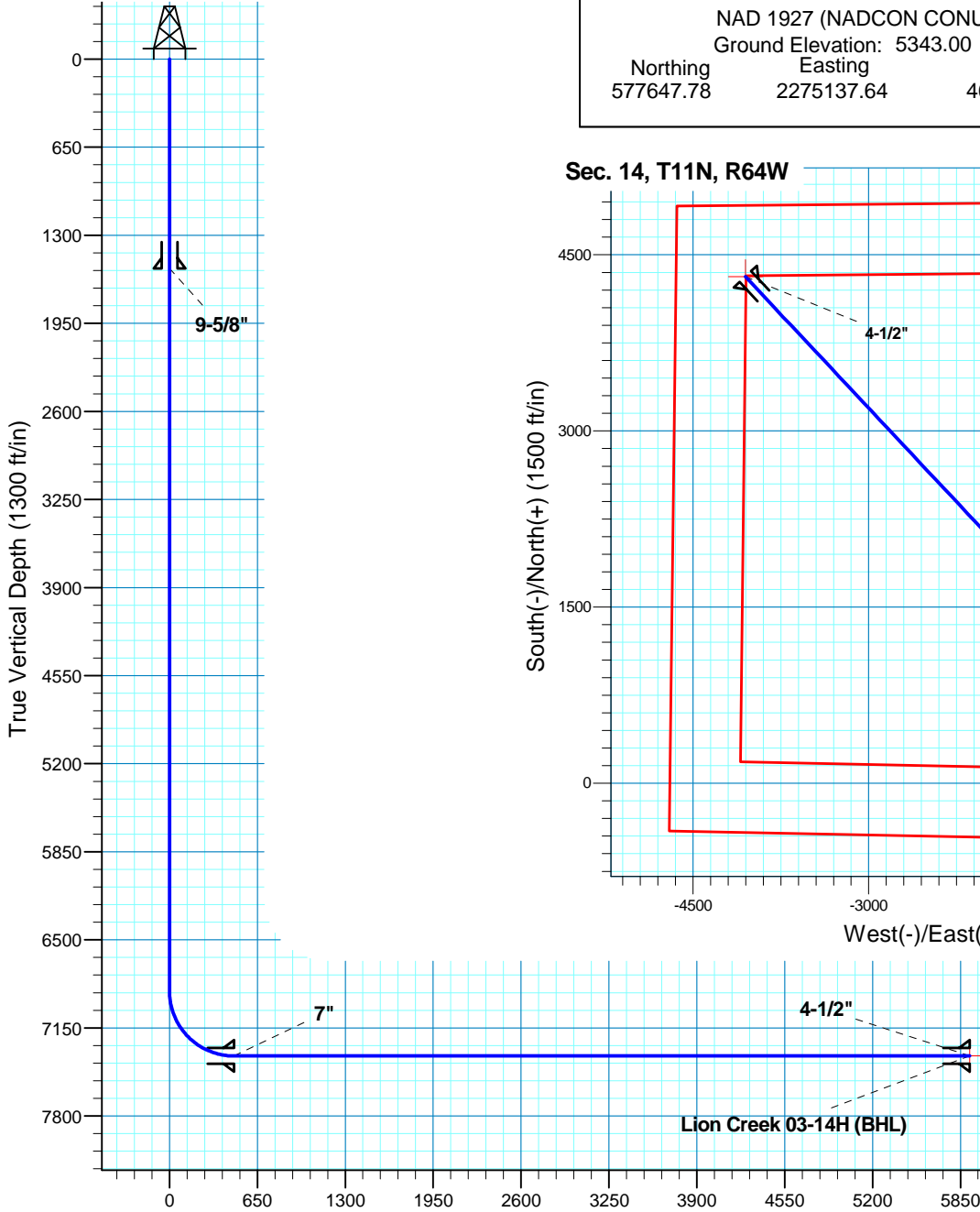


Lion Creek 03-14H

Section 14 T11N R64W

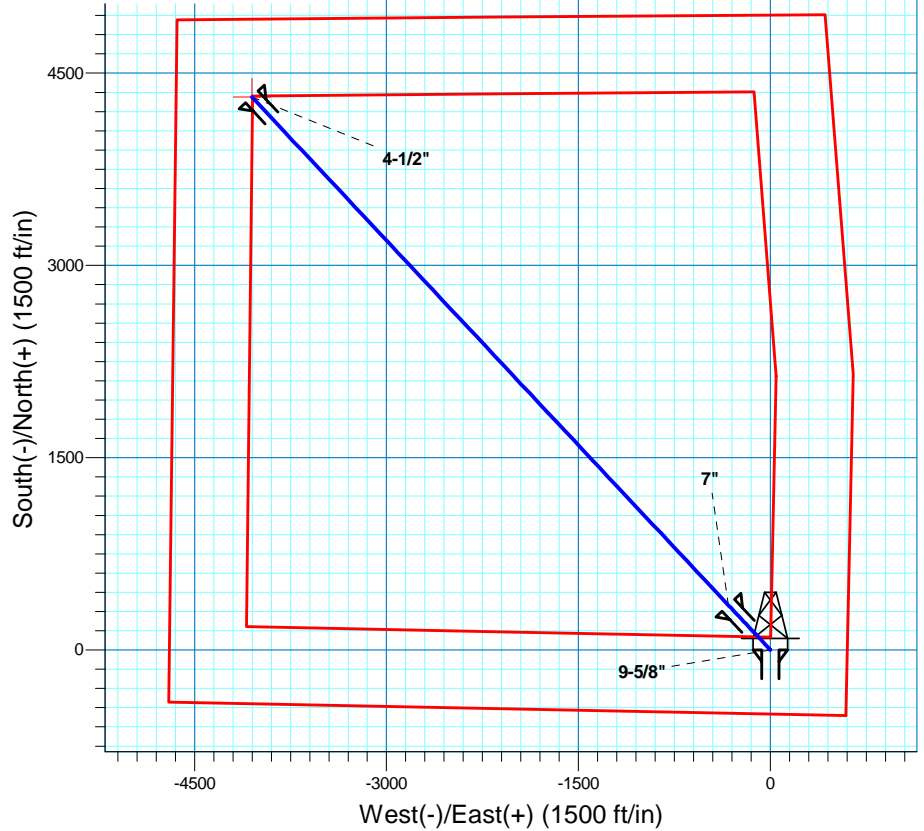
Weld County, CO



Vertical Section at 316.79deg (1300 ft/in)

Surface Location			
NAD 1927 (NADCON CONUS) Colorado North 501			
Ground Elevation: 5343.00 Rig @ 5368.00ft (TBD)			
Northing	Easting	Latitude	Longitude
577647.78	2275137.64	40°54' 53.280 N	104°30' 16.402 W

Sec. 14, T11N, R64W



T M
 Azimuths to True North
 Magnetic North: 8.86°
 Magnetic Field
 Strength: 53547.2snT
 Dip Angle: 67.55°
 Date: 6/16/2010
 Model: IGRF200510

Project: DJ - Hereford Ranch
 Site: Lion Creek 03-14H
 Well: Lion Creek 03-14H
 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	6879.53	0.00	0.00	6879.53	0.00	0.00	0.00	0.00	0.00	
3	7629.54	90.00	316.79	7357.00	347.99	-326.92	12.00	316.79	477.47	
4	13069.47	90.00	316.79	7357.00	4312.76	-4051.64	0.00	0.00	5917.40	Lion Creek 03-14H (BHL)

TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Shape
Lion Creek 03-14H (BHL)	7357.00	4312.76	-4051.64	581914.78	2271037.86	40°55' 35.890 N	104°31' 9.181 W	Point

Denver Division- Colorado

DJ - Hereford Ranch

Lion Creek 03-14H

Lion Creek 03-14H

Original Wellbore

Plan: APD Directional Plan

Standard Planning Report

16 June, 2010

EOG RESOURCES INC.

Planning Report

Database:	EDM	Local Co-ordinate Reference:	Site Lion Creek 03-14H
Company:	Denver Division- Colorado	TVD Reference:	Rig @ 5368.00ft (TBD)
Project:	DJ - Hereford Ranch	MD Reference:	Rig @ 5368.00ft (TBD)
Site:	Lion Creek 03-14H	North Reference:	True
Well:	Lion Creek 03-14H	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	Lion Creek 03-14H		
Site Position:		Northing:	577,647.78ft
From:	Lat/Long	Easting:	2,275,137.64ft
Position Uncertainty:	0.00 ft	Slot Radius:	"
		Latitude:	40° 54' 53.280 N
		Longitude:	104° 30' 16.402 W
		Grid Convergence:	0.64 deg

Well	Lion Creek 03-14H		
Well Position	+N/-S	0.00 ft	Northing: 577,647.78 ft
	+E/-W	0.00 ft	Easting: 2,275,137.64 ft
Position Uncertainty	0.00 ft	Wellhead Elevation:	ft
		Latitude:	40° 54' 53.280 N
		Longitude:	104° 30' 16.402 W
		Ground Level:	5,343.00ft

Wellbore	Original Wellbore				
Magnetics	Model Name	Sample Date	Declination (deg)	Dip Angle (deg)	Field Strength (nT)
	IGRF200510	6/16/2010	8.86	67.55	53,547

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	316.79

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	
6,879.53	0.00	0.00	6,879.53	0.00	0.00	0.00	0.00	0.00	0.00	
7,629.54	90.00	316.79	7,357.00	347.99	-326.92	12.00	12.00	0.00	316.79	
13,069.47	90.00	316.79	7,357.00	4,312.76	-4,051.64	0.00	0.00	0.00	0.00	Lion Creek 03-14H

EOG RESOURCES INC.

Planning Report

Database:	EDM	Local Co-ordinate Reference:	Site Lion Creek 03-14H
Company:	Denver Division- Colorado	TVD Reference:	Rig @ 5368.00ft (TBD)
Project:	DJ - Hereford Ranch	MD Reference:	Rig @ 5368.00ft (TBD)
Site:	Lion Creek 03-14H	North Reference:	True
Well:	Lion Creek 03-14H	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
1,500.00	0.00	0.00	1,500.00	0.00	0.00	0.00	0.00	0.00	0.00
1,545.00	0.00	0.00	1,545.00	0.00	0.00	0.00	0.00	0.00	0.00
9-5/8"									
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

EOG RESOURCES INC.

Planning Report

Database:	EDM	Local Co-ordinate Reference:	Site Lion Creek 03-14H
Company:	Denver Division- Colorado	TVD Reference:	Rig @ 5368.00ft (TBD)
Project:	DJ - Hereford Ranch	MD Reference:	Rig @ 5368.00ft (TBD)
Site:	Lion Creek 03-14H	North Reference:	True
Well:	Lion Creek 03-14H	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)
5,100.00	0.00	0.00	5,100.00	0.00	0.00	0.00	0.00	0.00	0.00
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
6,400.00	0.00	0.00	6,400.00	0.00	0.00	0.00	0.00	0.00	0.00
6,500.00	0.00	0.00	6,500.00	0.00	0.00	0.00	0.00	0.00	0.00
6,600.00	0.00	0.00	6,600.00	0.00	0.00	0.00	0.00	0.00	0.00
6,700.00	0.00	0.00	6,700.00	0.00	0.00	0.00	0.00	0.00	0.00
6,800.00	0.00	0.00	6,800.00	0.00	0.00	0.00	0.00	0.00	0.00
6,879.53	0.00	0.00	6,879.53	0.00	0.00	0.00	0.00	0.00	0.00
6,900.00	2.46	316.79	6,899.99	0.32	-0.30	0.44	12.00	12.00	0.00
7,000.00	14.46	316.79	6,998.73	11.02	-10.35	15.12	12.00	12.00	0.00
7,100.00	26.46	316.79	7,092.25	36.44	-34.24	50.00	12.00	12.00	0.00
7,200.00	38.46	316.79	7,176.48	75.48	-70.91	103.57	12.00	12.00	0.00
7,300.00	50.46	316.79	7,247.72	126.43	-118.78	173.48	12.00	12.00	0.00
7,400.00	62.46	316.79	7,302.88	187.07	-175.74	256.67	12.00	12.00	0.00
7,500.00	74.46	316.79	7,339.54	254.73	-239.31	349.51	12.00	12.00	0.00
7,600.00	86.46	316.79	7,356.09	326.48	-306.71	447.95	12.00	12.00	0.00
7,629.54	90.00	316.79	7,357.00	347.99	-326.92	477.47	12.00	12.00	0.00
7"									
7,700.00	90.00	316.79	7,357.00	399.35	-375.17	547.93	0.00	0.00	0.00
7,800.00	90.00	316.79	7,357.00	472.23	-443.64	647.93	0.00	0.00	0.00
7,900.00	90.00	316.79	7,357.00	545.11	-512.11	747.93	0.00	0.00	0.00
8,000.00	90.00	316.79	7,357.00	617.99	-580.58	847.93	0.00	0.00	0.00
8,100.00	90.00	316.79	7,357.00	690.88	-649.05	947.93	0.00	0.00	0.00
8,200.00	90.00	316.79	7,357.00	763.76	-717.52	1,047.93	0.00	0.00	0.00
8,300.00	90.00	316.79	7,357.00	836.64	-785.99	1,147.93	0.00	0.00	0.00
8,400.00	90.00	316.79	7,357.00	909.52	-854.46	1,247.93	0.00	0.00	0.00
8,500.00	90.00	316.79	7,357.00	982.41	-922.93	1,347.93	0.00	0.00	0.00
8,600.00	90.00	316.79	7,357.00	1,055.29	-991.39	1,447.93	0.00	0.00	0.00
8,700.00	90.00	316.79	7,357.00	1,128.17	-1,059.86	1,547.93	0.00	0.00	0.00
8,800.00	90.00	316.79	7,357.00	1,201.06	-1,128.33	1,647.93	0.00	0.00	0.00
8,900.00	90.00	316.79	7,357.00	1,273.94	-1,196.80	1,747.93	0.00	0.00	0.00
9,000.00	90.00	316.79	7,357.00	1,346.82	-1,265.27	1,847.93	0.00	0.00	0.00
9,100.00	90.00	316.79	7,357.00	1,419.70	-1,333.74	1,947.93	0.00	0.00	0.00
9,200.00	90.00	316.79	7,357.00	1,492.59	-1,402.21	2,047.93	0.00	0.00	0.00
9,300.00	90.00	316.79	7,357.00	1,565.47	-1,470.68	2,147.93	0.00	0.00	0.00
9,400.00	90.00	316.79	7,357.00	1,638.35	-1,539.15	2,247.93	0.00	0.00	0.00
9,500.00	90.00	316.79	7,357.00	1,711.23	-1,607.62	2,347.93	0.00	0.00	0.00
9,600.00	90.00	316.79	7,357.00	1,784.12	-1,676.09	2,447.93	0.00	0.00	0.00
9,700.00	90.00	316.79	7,357.00	1,857.00	-1,744.56	2,547.93	0.00	0.00	0.00
9,800.00	90.00	316.79	7,357.00	1,929.88	-1,813.03	2,647.93	0.00	0.00	0.00
9,900.00	90.00	316.79	7,357.00	2,002.77	-1,881.50	2,747.93	0.00	0.00	0.00
10,000.00	90.00	316.79	7,357.00	2,075.65	-1,949.97	2,847.93	0.00	0.00	0.00

EOG RESOURCES INC.

Planning Report

Database:	EDM	Local Co-ordinate Reference:	Site Lion Creek 03-14H
Company:	Denver Division- Colorado	TVD Reference:	Rig @ 5368.00ft (TBD)
Project:	DJ - Hereford Ranch	MD Reference:	Rig @ 5368.00ft (TBD)
Site:	Lion Creek 03-14H	North Reference:	True
Well:	Lion Creek 03-14H	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)
10,100.00	90.00	316.79	7,357.00	2,148.53	-2,018.44	2,947.93	0.00	0.00	0.00
10,200.00	90.00	316.79	7,357.00	2,221.41	-2,086.91	3,047.93	0.00	0.00	0.00
10,300.00	90.00	316.79	7,357.00	2,294.30	-2,155.38	3,147.93	0.00	0.00	0.00
10,400.00	90.00	316.79	7,357.00	2,367.18	-2,223.85	3,247.93	0.00	0.00	0.00
10,500.00	90.00	316.79	7,357.00	2,440.06	-2,292.32	3,347.93	0.00	0.00	0.00
10,600.00	90.00	316.79	7,357.00	2,512.94	-2,360.79	3,447.93	0.00	0.00	0.00
10,700.00	90.00	316.79	7,357.00	2,585.83	-2,429.26	3,547.93	0.00	0.00	0.00
10,800.00	90.00	316.79	7,357.00	2,658.71	-2,497.73	3,647.93	0.00	0.00	0.00
10,900.00	90.00	316.79	7,357.00	2,731.59	-2,566.20	3,747.93	0.00	0.00	0.00
11,000.00	90.00	316.79	7,357.00	2,804.47	-2,634.67	3,847.93	0.00	0.00	0.00
11,100.00	90.00	316.79	7,357.00	2,877.36	-2,703.14	3,947.93	0.00	0.00	0.00
11,200.00	90.00	316.79	7,357.00	2,950.24	-2,771.61	4,047.93	0.00	0.00	0.00
11,300.00	90.00	316.79	7,357.00	3,023.12	-2,840.08	4,147.93	0.00	0.00	0.00
11,400.00	90.00	316.79	7,357.00	3,096.01	-2,908.55	4,247.93	0.00	0.00	0.00
11,500.00	90.00	316.79	7,357.00	3,168.89	-2,977.02	4,347.93	0.00	0.00	0.00
11,600.00	90.00	316.79	7,357.00	3,241.77	-3,045.49	4,447.93	0.00	0.00	0.00
11,700.00	90.00	316.79	7,357.00	3,314.65	-3,113.96	4,547.93	0.00	0.00	0.00
11,800.00	90.00	316.79	7,357.00	3,387.54	-3,182.43	4,647.93	0.00	0.00	0.00
11,900.00	90.00	316.79	7,357.00	3,460.42	-3,250.90	4,747.93	0.00	0.00	0.00
12,000.00	90.00	316.79	7,357.00	3,533.30	-3,319.37	4,847.93	0.00	0.00	0.00
12,100.00	90.00	316.79	7,357.00	3,606.18	-3,387.84	4,947.93	0.00	0.00	0.00
12,200.00	90.00	316.79	7,357.00	3,679.07	-3,456.31	5,047.93	0.00	0.00	0.00
12,300.00	90.00	316.79	7,357.00	3,751.95	-3,524.78	5,147.93	0.00	0.00	0.00
12,400.00	90.00	316.79	7,357.00	3,824.83	-3,593.25	5,247.93	0.00	0.00	0.00
12,500.00	90.00	316.79	7,357.00	3,897.71	-3,661.72	5,347.93	0.00	0.00	0.00
12,600.00	90.00	316.79	7,357.00	3,970.60	-3,730.19	5,447.93	0.00	0.00	0.00
12,700.00	90.00	316.79	7,357.00	4,043.48	-3,798.66	5,547.93	0.00	0.00	0.00
12,800.00	90.00	316.79	7,357.00	4,116.36	-3,867.13	5,647.93	0.00	0.00	0.00
12,900.00	90.00	316.79	7,357.00	4,189.25	-3,935.60	5,747.93	0.00	0.00	0.00
13,000.00	90.00	316.79	7,357.00	4,262.13	-4,004.07	5,847.93	0.00	0.00	0.00
13,069.47	90.00	316.79	7,357.00	4,312.76	-4,051.63	5,917.40	0.00	0.00	0.00
4-1/2" - Lion Creek 03-14H (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									
Lion Creek 03-14H (B	0.00	0.00	7,357.00	4,312.76	-4,051.64	581,914.78	2,271,037.86	40° 55' 35.890 N	104° 31' 9.181 W
- plan hits target center									
- Point									

Casing Points					
Measured Depth (ft)	Vertical Depth (ft)	Name	Casing Diameter (")	Hole Diameter (")	
1,545.00	1,545.00	9-5/8"	9-5/8	13-1/2	
7,629.54	7,357.00	7"	7	8-3/4	
13,069.47	7,357.00	4-1/2"	4-1/2	6	

EOG RESOURCES INC.

Planning Report

Database:	EDM	Local Co-ordinate Reference:	Site Lion Creek 03-14H
Company:	Denver Division- Colorado	TVD Reference:	Rig @ 5368.00ft (TBD)
Project:	DJ - Hereford Ranch	MD Reference:	Rig @ 5368.00ft (TBD)
Site:	Lion Creek 03-14H	North Reference:	True
Well:	Lion Creek 03-14H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Original Wellbore		
Design:	APD Directional Plan		