



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	6923.0	0.00	0.00	6923.0	0.0	0.0	0.00	0.00	0.0		
3	7823.0	90.00	359.00	7496.0	572.9	-10.0	10.00	359.00	572.9		
4	8073.0	90.00	359.00	7496.0	822.8	-14.4	0.00	0.00	822.9		
5	8106.4	90.00	0.00	7496.0	856.2	-14.7	3.00	90.00	856.2	518-2920H PBH 5-26-15	
6	16314.5	90.00	0.00	7496.0	9064.3	-14.4	0.00	0.00	9064.3	518-2920H PBH 5-26-15	
TARGET DETAILS											
Name		TVD	+N-S	+E-W	Northing	Easting	Latitude		Longitude	Shape	
518-2920H PBH 5-26-15		7496.0	9064.3	-14.4	609220.00	2317730.85	41° 0' 0.114 N		104° 20' 56.356 W	Point	

Denver Division- Colorado

**DJ - Hereford Ranch
Randall Creek R29 SWSW
Randall Creek 518-2920H**

Wellbore #1

Plan: APD Plan (Plat 5-26-15)

Standard Planning Report

01 July, 2015

EOG Resources, Inc.

Planning Report

Database:	EDM_DENVER	Local Co-ordinate Reference:	Well Randall Creek 518-2920H
Company:	Denver Division- Colorado	TVD Reference:	WELL @ 5390.0usft (Original Well Elev)
Project:	DJ - Hereford Ranch	MD Reference:	WELL @ 5390.0usft (Original Well Elev)
Site:	Randall Creek R29 SWSW	North Reference:	True
Well:	Randall Creek 518-2920H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	APD Plan (Plat 5-26-15)		

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		Randall Creek R29 SWSW			
Site Position:		Northing:	600,156.66 usft	Latitude:	40° 58' 30.555 N
From:	Map	Easting:	2,317,862.93 usft	Longitude:	104° 20' 56.168 W
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16 "	Grid Convergence:	0.74 °

Well	Randall Creek 518-2920H					
Well Position	+N/-S	0.0 usft	Northing:	600,156.66 usft	Latitude:	40° 58' 30.555 N
	+E/-W	0.0 usft	Easting:	2,317,862.93 usft	Longitude:	104° 20' 56.168 W
Position Uncertainty		0.0 usft	Wellhead Elevation:	0.0 usft	Ground Level:	5,365.0 usft

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2015	7/1/2015	8.24	67.43	52,952

Design	APD Plan (Plat 5-26-15)			
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	359.91

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	
6,923.0	0.00	0.00	6,923.0	0.0	0.0	0.00	0.00	0.00	0.00	
7,823.0	90.00	359.00	7,496.0	572.9	-10.0	10.00	10.00	0.00	359.00	
8,073.0	90.00	359.00	7,496.0	822.8	-14.4	0.00	0.00	0.00	0.00	
8,106.4	90.00	0.00	7,496.0	856.2	-14.7	3.00	0.00	3.00	90.00	518-2920H PBH 5-26
16,314.5	90.00	0.00	7,496.0	9,064.3	-14.4	0.00	0.00	0.00	0.00	518-2920H PBH 5-26

EOG Resources, Inc.

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Project:	DJ - Hereford Ranch	MD Reference:	WELL @ 5390.0usft (Original Well Elev)
Site:	Randall Creek R29 SWSW	North Reference:	True
Well:	Randall Creek 518-2920H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	APD Plan (Plat 5-26-15)		

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
1,365.0	0.00	0.00	1,365.0	0.0	0.0	0.0	0.00	0.00	0.00
9-5/8" Surface									
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

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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
6,923.0	0.00	0.00	6,923.0	0.0	0.0	0.0	0.00	0.00	0.00
7,000.0	7.70	359.00	6,999.8	5.2	-0.1	5.2	10.00	10.00	0.00
7,100.0	17.70	359.00	7,097.2	27.1	-0.5	27.1	10.00	10.00	0.00
7,200.0	27.70	359.00	7,189.3	65.7	-1.1	65.7	10.00	10.00	0.00
7,300.0	37.70	359.00	7,273.4	119.6	-2.1	119.6	10.00	10.00	0.00
7,400.0	47.70	359.00	7,346.8	187.3	-3.3	187.3	10.00	10.00	0.00
7,500.0	57.70	359.00	7,407.3	266.8	-4.7	266.8	10.00	10.00	0.00
7,600.0	67.70	359.00	7,453.1	355.5	-6.2	355.5	10.00	10.00	0.00
7,700.0	77.70	359.00	7,482.8	450.8	-7.9	450.8	10.00	10.00	0.00
7,800.0	87.70	359.00	7,495.5	549.9	-9.6	549.9	10.00	10.00	0.00
7,823.0	90.00	359.00	7,496.0	572.9	-10.0	572.9	10.00	10.00	0.00
7" Inter (OPT 2)									
7,900.0	90.00	359.00	7,496.0	649.9	-11.3	649.9	0.00	0.00	0.00
8,000.0	90.00	359.00	7,496.0	749.8	-13.1	749.9	0.00	0.00	0.00
8,073.0	90.00	359.00	7,496.0	822.8	-14.4	822.9	0.00	0.00	0.00
8,100.0	90.00	359.81	7,496.0	849.8	-14.6	849.9	3.00	0.00	3.00
8,106.4	90.00	0.00	7,496.0	856.2	-14.7	856.2	3.00	0.00	3.00
8,200.0	90.00	0.00	7,496.0	949.8	-14.7	949.9	0.00	0.00	0.00
8,300.0	90.00	0.00	7,496.0	1,049.8	-14.6	1,049.9	0.00	0.00	0.00
8,400.0	90.00	0.00	7,496.0	1,149.8	-14.6	1,149.9	0.00	0.00	0.00
8,500.0	90.00	0.00	7,496.0	1,249.8	-14.6	1,249.9	0.00	0.00	0.00
8,600.0	90.00	0.00	7,496.0	1,349.8	-14.6	1,349.9	0.00	0.00	0.00
8,700.0	90.00	0.00	7,496.0	1,449.8	-14.6	1,449.9	0.00	0.00	0.00
8,800.0	90.00	0.00	7,496.0	1,549.8	-14.6	1,549.9	0.00	0.00	0.00
8,900.0	90.00	0.00	7,496.0	1,649.8	-14.6	1,649.9	0.00	0.00	0.00
9,000.0	90.00	0.00	7,496.0	1,749.8	-14.6	1,749.9	0.00	0.00	0.00
9,100.0	90.00	0.00	7,496.0	1,849.8	-14.6	1,849.9	0.00	0.00	0.00
9,200.0	90.00	0.00	7,496.0	1,949.8	-14.6	1,949.9	0.00	0.00	0.00
9,300.0	90.00	0.00	7,496.0	2,049.8	-14.6	2,049.9	0.00	0.00	0.00
9,400.0	90.00	0.00	7,496.0	2,149.8	-14.6	2,149.9	0.00	0.00	0.00
9,500.0	90.00	0.00	7,496.0	2,249.8	-14.6	2,249.9	0.00	0.00	0.00
9,600.0	90.00	0.00	7,496.0	2,349.8	-14.6	2,349.9	0.00	0.00	0.00
9,700.0	90.00	0.00	7,496.0	2,449.8	-14.6	2,449.9	0.00	0.00	0.00
9,800.0	90.00	0.00	7,496.0	2,549.8	-14.6	2,549.9	0.00	0.00	0.00
9,900.0	90.00	0.00	7,496.0	2,649.8	-14.6	2,649.9	0.00	0.00	0.00

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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	0.00	7,496.0	2,749.8	-14.6	2,749.9	0.00	0.00	0.00
10,100.0	90.00	0.00	7,496.0	2,849.8	-14.6	2,849.9	0.00	0.00	0.00
10,200.0	90.00	0.00	7,496.0	2,949.8	-14.6	2,949.9	0.00	0.00	0.00
10,300.0	90.00	0.00	7,496.0	3,049.8	-14.6	3,049.9	0.00	0.00	0.00
10,400.0	90.00	0.00	7,496.0	3,149.8	-14.6	3,149.8	0.00	0.00	0.00
10,500.0	90.00	0.00	7,496.0	3,249.8	-14.6	3,249.8	0.00	0.00	0.00
10,600.0	90.00	0.00	7,496.0	3,349.8	-14.6	3,349.8	0.00	0.00	0.00
10,700.0	90.00	0.00	7,496.0	3,449.8	-14.6	3,449.8	0.00	0.00	0.00
10,800.0	90.00	0.00	7,496.0	3,549.8	-14.6	3,549.8	0.00	0.00	0.00
10,900.0	90.00	0.00	7,496.0	3,649.8	-14.6	3,649.8	0.00	0.00	0.00
11,000.0	90.00	0.00	7,496.0	3,749.8	-14.6	3,749.8	0.00	0.00	0.00
11,100.0	90.00	0.00	7,496.0	3,849.8	-14.6	3,849.8	0.00	0.00	0.00
11,200.0	90.00	0.00	7,496.0	3,949.8	-14.6	3,949.8	0.00	0.00	0.00
11,300.0	90.00	0.00	7,496.0	4,049.8	-14.6	4,049.8	0.00	0.00	0.00
11,400.0	90.00	0.00	7,496.0	4,149.8	-14.6	4,149.8	0.00	0.00	0.00
11,500.0	90.00	0.00	7,496.0	4,249.8	-14.6	4,249.8	0.00	0.00	0.00
11,600.0	90.00	0.00	7,496.0	4,349.8	-14.6	4,349.8	0.00	0.00	0.00
11,700.0	90.00	0.00	7,496.0	4,449.8	-14.6	4,449.8	0.00	0.00	0.00
11,800.0	90.00	0.00	7,496.0	4,549.8	-14.5	4,549.8	0.00	0.00	0.00
11,900.0	90.00	0.00	7,496.0	4,649.8	-14.5	4,649.8	0.00	0.00	0.00
12,000.0	90.00	0.00	7,496.0	4,749.8	-14.5	4,749.8	0.00	0.00	0.00
12,100.0	90.00	0.00	7,496.0	4,849.8	-14.5	4,849.8	0.00	0.00	0.00
12,200.0	90.00	0.00	7,496.0	4,949.8	-14.5	4,949.8	0.00	0.00	0.00
12,300.0	90.00	0.00	7,496.0	5,049.8	-14.5	5,049.8	0.00	0.00	0.00
12,400.0	90.00	0.00	7,496.0	5,149.8	-14.5	5,149.8	0.00	0.00	0.00
12,500.0	90.00	0.00	7,496.0	5,249.8	-14.5	5,249.8	0.00	0.00	0.00
12,600.0	90.00	0.00	7,496.0	5,349.8	-14.5	5,349.8	0.00	0.00	0.00
12,700.0	90.00	0.00	7,496.0	5,449.8	-14.5	5,449.8	0.00	0.00	0.00
12,800.0	90.00	0.00	7,496.0	5,549.8	-14.5	5,549.8	0.00	0.00	0.00
12,900.0	90.00	0.00	7,496.0	5,649.8	-14.5	5,649.8	0.00	0.00	0.00
13,000.0	90.00	0.00	7,496.0	5,749.8	-14.5	5,749.8	0.00	0.00	0.00
13,100.0	90.00	0.00	7,496.0	5,849.8	-14.5	5,849.8	0.00	0.00	0.00
13,200.0	90.00	0.00	7,496.0	5,949.8	-14.5	5,949.8	0.00	0.00	0.00
13,300.0	90.00	0.00	7,496.0	6,049.8	-14.5	6,049.8	0.00	0.00	0.00
13,400.0	90.00	0.00	7,496.0	6,149.8	-14.5	6,149.8	0.00	0.00	0.00
13,500.0	90.00	0.00	7,496.0	6,249.8	-14.5	6,249.8	0.00	0.00	0.00
13,600.0	90.00	0.00	7,496.0	6,349.8	-14.5	6,349.8	0.00	0.00	0.00
13,700.0	90.00	0.00	7,496.0	6,449.8	-14.5	6,449.8	0.00	0.00	0.00
13,800.0	90.00	0.00	7,496.0	6,549.8	-14.5	6,549.8	0.00	0.00	0.00
13,900.0	90.00	0.00	7,496.0	6,649.8	-14.5	6,649.8	0.00	0.00	0.00
14,000.0	90.00	0.00	7,496.0	6,749.8	-14.5	6,749.8	0.00	0.00	0.00
14,100.0	90.00	0.00	7,496.0	6,849.8	-14.5	6,849.8	0.00	0.00	0.00
14,200.0	90.00	0.00	7,496.0	6,949.8	-14.5	6,949.8	0.00	0.00	0.00
14,300.0	90.00	0.00	7,496.0	7,049.8	-14.5	7,049.8	0.00	0.00	0.00
14,400.0	90.00	0.00	7,496.0	7,149.8	-14.5	7,149.8	0.00	0.00	0.00
14,500.0	90.00	0.00	7,496.0	7,249.8	-14.5	7,249.8	0.00	0.00	0.00
14,600.0	90.00	0.00	7,496.0	7,349.8	-14.5	7,349.8	0.00	0.00	0.00
14,700.0	90.00	0.00	7,496.0	7,449.8	-14.5	7,449.8	0.00	0.00	0.00
14,800.0	90.00	0.00	7,496.0	7,549.8	-14.5	7,549.8	0.00	0.00	0.00
14,900.0	90.00	0.00	7,496.0	7,649.8	-14.5	7,649.8	0.00	0.00	0.00
15,000.0	90.00	0.00	7,496.0	7,749.8	-14.5	7,749.8	0.00	0.00	0.00
15,100.0	90.00	0.00	7,496.0	7,849.8	-14.5	7,849.8	0.00	0.00	0.00
15,200.0	90.00	0.00	7,496.0	7,949.8	-14.5	7,949.8	0.00	0.00	0.00
15,300.0	90.00	0.00	7,496.0	8,049.8	-14.5	8,049.8	0.00	0.00	0.00

EOG Resources, Inc.

Planning Report

Database:	EDM_DENVER	Local Co-ordinate Reference:	Well Randall Creek 518-2920H
Company:	Denver Division- Colorado	TVD Reference:	WELL @ 5390.0usft (Original Well Elev)
Project:	DJ - Hereford Ranch	MD Reference:	WELL @ 5390.0usft (Original Well Elev)
Site:	Randall Creek R29 SWSW	North Reference:	True
Well:	Randall Creek 518-2920H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	APD Plan (Plat 5-26-15)		

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)	
15,400.0	90.00	0.00	7,496.0	8,149.8	-14.4	8,149.8	0.00	0.00	0.00	
15,500.0	90.00	0.00	7,496.0	8,249.8	-14.4	8,249.8	0.00	0.00	0.00	
15,600.0	90.00	0.00	7,496.0	8,349.8	-14.4	8,349.8	0.00	0.00	0.00	
15,700.0	90.00	0.00	7,496.0	8,449.8	-14.4	8,449.8	0.00	0.00	0.00	
15,800.0	90.00	0.00	7,496.0	8,549.8	-14.4	8,549.8	0.00	0.00	0.00	
15,900.0	90.00	0.00	7,496.0	8,649.8	-14.4	8,649.8	0.00	0.00	0.00	
16,000.0	90.00	0.00	7,496.0	8,749.8	-14.4	8,749.8	0.00	0.00	0.00	
16,100.0	90.00	0.00	7,496.0	8,849.8	-14.4	8,849.8	0.00	0.00	0.00	
16,200.0	90.00	0.00	7,496.0	8,949.8	-14.4	8,949.8	0.00	0.00	0.00	
16,300.0	90.00	0.00	7,496.0	9,049.8	-14.4	9,049.8	0.00	0.00	0.00	
16,314.5	90.00	0.00	7,496.0	9,064.3	-14.4	9,064.3	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	
518-2920H PBH 5-26-15	0.00	0.00	7,496.0	9,064.3	-14.4	609,220.00	2,317,730.85	41° 0' 0.114 N	104° 20' 56.356 W	
- hit/miss target										
- Shape										
- plan hits target center										
- Point										

Casing Points						
Measured Depth (usft)	Vertical Depth (usft)	Name	Casing Diameter (")	Hole Diameter (")		
1,365.0	1,365.0	9-5/8" Surface	9-5/8	13-1/2		
7,823.0	7,496.0	7" Inter (OPT 2)	7	8-3/4		
16,314.5	7,496.0	5-1/2" Prod (OPT 1)	5-1/2	8-3/4		
16,314.5	7,496.0	4-1/2" Liner (OPT 2)	4-1/2	6		