

BILL BARRETT CORP

WELD COUNTY, COLORADO

CVR 5-63-32-26H

CVR 5-63-32-26H

Wellbore #1

Plan: Design #1

Standard Planning Report

11 January, 2013



Bill Barrett Corporation

SITE DETAILS: CVR 5-63-32-26H
Wattenberg

Site Latitude: 40° 21' 18.252 N
Site Longitude: 104° 28' 7.140 W

COMPANY DETAILS: BILL BARRETT CORP

Calculation Method: Minimum Curvature
Error System: ISCWSA
Scan Method: Closest Approach 3D
Error Surface: Elliptical Conic
Warning Method: Error Ratio

Positional Uncertainty: 0.0
Convergence: 0.67
Local North: True

WELL DETAILS: CVR 5-63-32-26H

Ground Level: 4578.0
Easting: 3287425.54
Latitude: 40° 21' 18.252 N
Longitude: 104° 28' 7.140 W
Slot

+N/-S +E/-W
0.0 0.0

Northing
1373864.11

Easting
3287425.54

Latitude
40° 21' 18.252 N

Longitude
104° 28' 7.140 W

WELLBORE TARGET DETAILS (LAT/LONG)

Name	TVD	+N/-S	+E/-W	Latitude	Longitude	Shape
CVR 5-63-32-26H PBHL	6504.0	412.1	4581.7	40° 21' 22.320 N	104° 27' 7.956 W	Point
CVR 5-63-32-26H LP	6554.0	418.9	264.8	40° 21' 22.392 N	104° 28' 3.720 W	Point

SECTION DETAILS

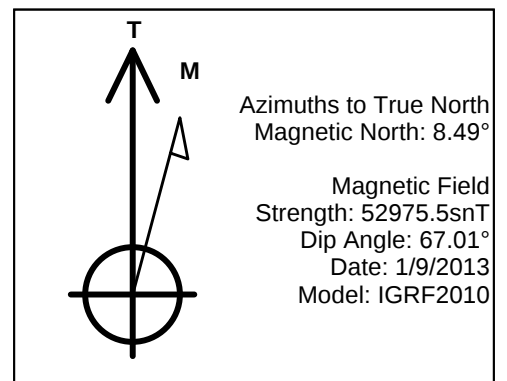
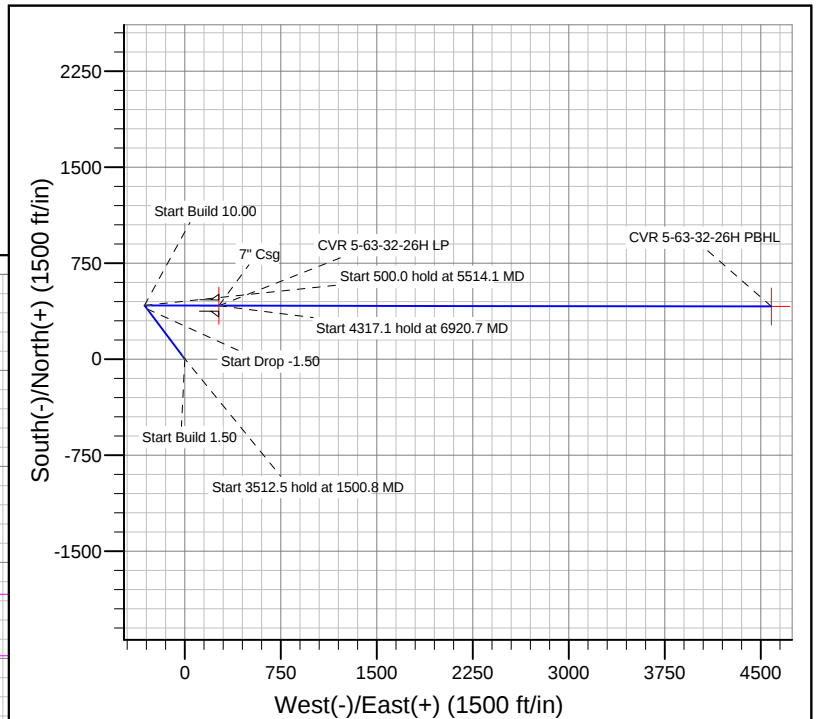
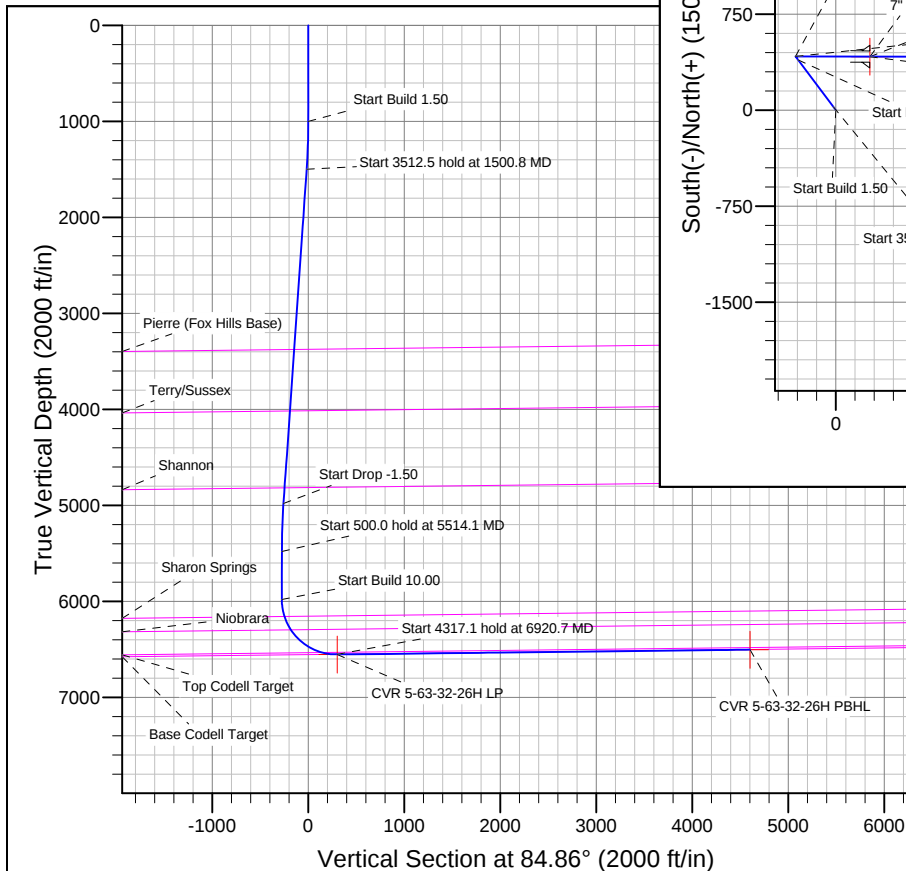
Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	1000.0	0.00	0.00	1000.0	0.0	0.0	0.00	0.00	0.0	
3	1500.8	7.51	323.14	1499.4	26.2	-19.7	1.50	323.14	-17.2	
4	5013.3	7.51	323.14	4981.7	393.6	-295.1	0.00	0.00	-258.7	
5	5514.1	0.00	0.00	5481.1	419.9	-314.8	1.50	180.00	-275.9	
6	6014.1	0.00	0.00	5981.1	419.9	-314.8	0.00	0.00	-275.9	
7	6920.7	90.66	90.09	6554.0	419.0	264.8	10.00	90.09	301.3	
8	11237.7	90.66	90.09	6504.0	412.2	4581.5	0.00	0.00	4600.0	CVR 5-63-32-26H PBHL

FORMATION TOP DETAILS

TVDPath	MDPath	Formation
3375.9	3393.6	Pierre (Fox Hills Base)
4016.5	4039.8	Terry/Sussex
4817.3	4847.4	Shannon
6157.3	6193.2	Sharon Springs
6296.5	6348.2	Niobrara
6532.8	6757.7	Top Codell Target
6551.6	6861.7	Base Codell Target

CASING DETAILS

TVD	MD	Name	Size
6554.0	6920.7	7" Csg	7



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Planning Report

Database:	Compass	Local Co-ordinate Reference:	Well CVR 5-63-32-26H
Company:	BILL BARRETT CORP	TVD Reference:	KB @ 4602.0ft (Original Well Elev)
Project:	WELD COUNTY, COLORADO	MD Reference:	KB @ 4602.0ft (Original Well Elev)
Site:	CVR 5-63-32-26H	North Reference:	True
Well:	CVR 5-63-32-26H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #1		

Project	WELD COUNTY, COLORADO		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	Colorado Northern Zone		

Site		CVR 5-63-32-26H			
Site Position:		Northing:	1,373,864.11 ft	Latitude:	40° 21' 18.252 N
From:	Lat/Long	Easting:	3,287,425.54 ft	Longitude:	104° 28' 7.140 W
Position Uncertainty:	0.0 ft	Slot Radius:	"	Grid Convergence:	0.67 °

Well	CVR 5-63-32-26H					
Well Position	+N/-S	0.0 ft	Northing:	1,373,864.11 ft	Latitude:	40° 21' 18.252 N
	+E/-W	0.0 ft	Easting:	3,287,425.54 ft	Longitude:	104° 28' 7.140 W
Position Uncertainty		0.0 ft	Wellhead Elevation:	ft	Ground Level:	4,578.0 ft

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	1/9/2013	8.49	67.01	52,976

Design	Design #1			
Audit Notes:				
Version:	Phase:	PLAN	Tie On Depth:	0.0
Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)
	0.0	0.0	0.0	84.86

Plan Sections										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	TFO (°)	Target
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00	0.00	
1,000.0	0.00	0.00	1,000.0	0.0	0.0	0.00	0.00	0.00	0.00	
1,500.8	7.51	323.14	1,499.4	26.2	-19.7	1.50	1.50	0.00	323.14	
5,013.3	7.51	323.14	4,981.7	393.6	-295.1	0.00	0.00	0.00	0.00	
5,514.1	0.00	0.00	5,481.1	419.9	-314.8	1.50	-1.50	0.00	180.00	
6,014.1	0.00	0.00	5,981.1	419.9	-314.8	0.00	0.00	0.00	0.00	
6,920.7	90.66	90.09	6,554.0	419.0	264.8	10.00	10.00	0.00	90.09	
11,237.7	90.66	90.09	6,504.0	412.2	4,581.5	0.00	0.00	0.00	0.00	CVR 5-63-32-26H PB

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Project:	WELD COUNTY, COLORADO	MD Reference:	KB @ 4602.0ft (Original Well Elev)
Site:	CVR 5-63-32-26H	North Reference:	True
Well:	CVR 5-63-32-26H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #1		

Planned Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
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
Start Build 1.50									
1,100.0	1.50	323.14	1,100.0	1.0	-0.8	-0.7	1.50	1.50	0.00
1,200.0	3.00	323.14	1,199.9	4.2	-3.1	-2.8	1.50	1.50	0.00
1,300.0	4.50	323.14	1,299.7	9.4	-7.1	-6.2	1.50	1.50	0.00
1,400.0	6.00	323.14	1,399.3	16.7	-12.6	-11.0	1.50	1.50	0.00
1,500.0	7.50	323.14	1,498.6	26.1	-19.6	-17.2	1.50	1.50	0.00
1,500.8	7.51	323.14	1,499.4	26.2	-19.7	-17.2	1.50	1.50	0.00
Start 3512.5 hold at 1500.8 MD									
1,600.0	7.51	323.14	1,597.7	36.6	-27.4	-24.1	0.00	0.00	0.00
1,700.0	7.51	323.14	1,696.9	47.1	-35.3	-30.9	0.00	0.00	0.00
1,800.0	7.51	323.14	1,796.0	57.5	-43.1	-37.8	0.00	0.00	0.00
1,900.0	7.51	323.14	1,895.1	68.0	-51.0	-44.7	0.00	0.00	0.00
2,000.0	7.51	323.14	1,994.3	78.4	-58.8	-51.5	0.00	0.00	0.00
2,100.0	7.51	323.14	2,093.4	88.9	-66.7	-58.4	0.00	0.00	0.00
2,200.0	7.51	323.14	2,192.6	99.4	-74.5	-65.3	0.00	0.00	0.00
2,300.0	7.51	323.14	2,291.7	109.8	-82.3	-72.2	0.00	0.00	0.00
2,400.0	7.51	323.14	2,390.8	120.3	-90.2	-79.0	0.00	0.00	0.00
2,500.0	7.51	323.14	2,490.0	130.8	-98.0	-85.9	0.00	0.00	0.00
2,600.0	7.51	323.14	2,589.1	141.2	-105.9	-92.8	0.00	0.00	0.00
2,700.0	7.51	323.14	2,688.3	151.7	-113.7	-99.7	0.00	0.00	0.00
2,800.0	7.51	323.14	2,787.4	162.1	-121.5	-106.5	0.00	0.00	0.00
2,900.0	7.51	323.14	2,886.6	172.6	-129.4	-113.4	0.00	0.00	0.00
3,000.0	7.51	323.14	2,985.7	183.1	-137.2	-120.3	0.00	0.00	0.00
3,100.0	7.51	323.14	3,084.8	193.5	-145.1	-127.2	0.00	0.00	0.00
3,200.0	7.51	323.14	3,184.0	204.0	-152.9	-134.0	0.00	0.00	0.00
3,300.0	7.51	323.14	3,283.1	214.4	-160.8	-140.9	0.00	0.00	0.00
3,393.6	7.51	323.14	3,375.9	224.2	-168.1	-147.3	0.00	0.00	0.00
Pierre (Fox Hills Base)									
3,400.0	7.51	323.14	3,382.3	224.9	-168.6	-147.8	0.00	0.00	0.00
3,500.0	7.51	323.14	3,481.4	235.4	-176.4	-154.6	0.00	0.00	0.00
3,600.0	7.51	323.14	3,580.5	245.8	-184.3	-161.5	0.00	0.00	0.00
3,700.0	7.51	323.14	3,679.7	256.3	-192.1	-168.4	0.00	0.00	0.00
3,800.0	7.51	323.14	3,778.8	266.7	-200.0	-175.3	0.00	0.00	0.00
3,900.0	7.51	323.14	3,878.0	277.2	-207.8	-182.1	0.00	0.00	0.00
4,000.0	7.51	323.14	3,977.1	287.7	-215.7	-189.0	0.00	0.00	0.00
4,039.8	7.51	323.14	4,016.5	291.8	-218.8	-191.7	0.00	0.00	0.00
Terry/Sussex									
4,100.0	7.51	323.14	4,076.3	298.1	-223.5	-195.9	0.00	0.00	0.00
4,200.0	7.51	323.14	4,175.4	308.6	-231.3	-202.8	0.00	0.00	0.00
4,300.0	7.51	323.14	4,274.5	319.0	-239.2	-209.6	0.00	0.00	0.00
4,400.0	7.51	323.14	4,373.7	329.5	-247.0	-216.5	0.00	0.00	0.00
4,500.0	7.51	323.14	4,472.8	340.0	-254.9	-223.4	0.00	0.00	0.00
4,600.0	7.51	323.14	4,572.0	350.4	-262.7	-230.2	0.00	0.00	0.00

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Planning Report

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Company:	BILL BARRETT CORP	TVD Reference:	KB @ 4602.0ft (Original Well Elev)
Project:	WELD COUNTY, COLORADO	MD Reference:	KB @ 4602.0ft (Original Well Elev)
Site:	CVR 5-63-32-26H	North Reference:	True
Well:	CVR 5-63-32-26H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #1		

Planned Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
4,700.0	7.51	323.14	4,671.1	360.9	-270.5	-237.1	0.00	0.00	0.00
4,800.0	7.51	323.14	4,770.3	371.3	-278.4	-244.0	0.00	0.00	0.00
4,847.4	7.51	323.14	4,817.3	376.3	-282.1	-247.3	0.00	0.00	0.00
Shannon									
4,900.0	7.51	323.14	4,869.4	381.8	-286.2	-250.9	0.00	0.00	0.00
5,000.0	7.51	323.14	4,968.5	392.3	-294.1	-257.7	0.00	0.00	0.00
5,013.3	7.51	323.14	4,981.7	393.6	-295.1	-258.7	0.00	0.00	0.00
Start Drop -1.50									
5,100.0	6.21	323.14	5,067.8	401.9	-301.3	-264.1	1.50	-1.50	0.00
5,200.0	4.71	323.14	5,167.3	409.6	-307.0	-269.1	1.50	-1.50	0.00
5,300.0	3.21	323.14	5,267.1	415.1	-311.2	-272.7	1.50	-1.50	0.00
5,400.0	1.71	323.14	5,367.0	418.5	-313.8	-275.0	1.50	-1.50	0.00
5,500.0	0.21	323.14	5,467.0	419.9	-314.8	-275.9	1.50	-1.50	0.00
5,514.1	0.00	0.00	5,481.1	419.9	-314.8	-275.9	1.50	-1.50	261.66
Start 500.0 hold at 5514.1 MD									
5,600.0	0.00	0.00	5,567.0	419.9	-314.8	-275.9	0.00	0.00	0.00
5,700.0	0.00	0.00	5,667.0	419.9	-314.8	-275.9	0.00	0.00	0.00
5,800.0	0.00	0.00	5,767.0	419.9	-314.8	-275.9	0.00	0.00	0.00
5,900.0	0.00	0.00	5,867.0	419.9	-314.8	-275.9	0.00	0.00	0.00
6,000.0	0.00	0.00	5,967.0	419.9	-314.8	-275.9	0.00	0.00	0.00
6,014.1	0.00	0.00	5,981.1	419.9	-314.8	-275.9	0.00	0.00	0.00
Start Build 10.00									
6,100.0	8.59	90.09	6,066.7	419.9	-308.4	-269.5	10.00	10.00	0.00
6,193.2	17.91	90.09	6,157.3	419.8	-287.0	-248.2	10.00	10.00	0.00
Sharon Springs									
6,200.0	18.59	90.09	6,163.7	419.8	-284.9	-246.1	10.00	10.00	0.00
6,300.0	28.59	90.09	6,255.3	419.8	-244.9	-206.3	10.00	10.00	0.00
6,348.2	33.41	90.09	6,296.5	419.7	-220.1	-181.6	10.00	10.00	0.00
Niobrara									
6,400.0	38.59	90.09	6,338.5	419.7	-189.7	-151.3	10.00	10.00	0.00
6,500.0	48.59	90.09	6,410.8	419.6	-120.8	-82.7	10.00	10.00	0.00
6,600.0	58.59	90.09	6,470.1	419.4	-40.4	-2.7	10.00	10.00	0.00
6,700.0	68.59	90.09	6,514.5	419.3	49.0	86.4	10.00	10.00	0.00
6,757.7	74.36	90.09	6,532.8	419.2	103.7	140.8	10.00	10.00	0.00
Top Codell Target									
6,800.0	78.59	90.09	6,542.7	419.2	144.8	181.8	10.00	10.00	0.00
6,861.7	84.76	90.09	6,551.6	419.1	205.8	242.6	10.00	10.00	0.00
Base Codell Target									
6,900.0	88.59	90.09	6,553.9	419.0	244.1	280.7	10.00	10.00	0.00
6,920.7	90.66	90.09	6,554.0	419.0	264.8	301.3	10.00	10.00	0.00
Start 4317.1 hold at 6920.7 MD - 7" Csg									
7,000.0	90.66	90.09	6,553.1	418.8	344.1	380.2	0.00	0.00	0.00
7,100.0	90.66	90.09	6,551.9	418.7	444.1	479.8	0.00	0.00	0.00
7,200.0	90.66	90.09	6,550.8	418.5	544.1	579.4	0.00	0.00	0.00
7,300.0	90.66	90.09	6,549.6	418.4	644.1	679.0	0.00	0.00	0.00
7,400.0	90.66	90.09	6,548.4	418.2	744.1	778.5	0.00	0.00	0.00
7,500.0	90.66	90.09	6,547.3	418.1	844.1	878.1	0.00	0.00	0.00
7,600.0	90.66	90.09	6,546.1	417.9	944.0	977.7	0.00	0.00	0.00
7,700.0	90.66	90.09	6,545.0	417.7	1,044.0	1,077.3	0.00	0.00	0.00
7,800.0	90.66	90.09	6,543.8	417.6	1,144.0	1,176.8	0.00	0.00	0.00
7,900.0	90.66	90.09	6,542.7	417.4	1,244.0	1,276.4	0.00	0.00	0.00
8,000.0	90.66	90.09	6,541.5	417.3	1,344.0	1,376.0	0.00	0.00	0.00
8,100.0	90.66	90.09	6,540.3	417.1	1,444.0	1,475.6	0.00	0.00	0.00

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Project:	WELD COUNTY, COLORADO	MD Reference:	KB @ 4602.0ft (Original Well Elev)
Site:	CVR 5-63-32-26H	North Reference:	True
Well:	CVR 5-63-32-26H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #1		

Planned Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
8,200.0	90.66	90.09	6,539.2	417.0	1,544.0	1,575.2	0.00	0.00	0.00
8,300.0	90.66	90.09	6,538.0	416.8	1,644.0	1,674.7	0.00	0.00	0.00
8,400.0	90.66	90.09	6,536.9	416.6	1,744.0	1,774.3	0.00	0.00	0.00
8,500.0	90.66	90.09	6,535.7	416.5	1,844.0	1,873.9	0.00	0.00	0.00
8,600.0	90.66	90.09	6,534.5	416.3	1,944.0	1,973.5	0.00	0.00	0.00
8,700.0	90.66	90.09	6,533.4	416.2	2,044.0	2,073.0	0.00	0.00	0.00
8,800.0	90.66	90.09	6,532.2	416.0	2,144.0	2,172.6	0.00	0.00	0.00
8,900.0	90.66	90.09	6,531.1	415.9	2,244.0	2,272.2	0.00	0.00	0.00
9,000.0	90.66	90.09	6,529.9	415.7	2,343.9	2,371.8	0.00	0.00	0.00
9,100.0	90.66	90.09	6,528.8	415.5	2,443.9	2,471.3	0.00	0.00	0.00
9,200.0	90.66	90.09	6,527.6	415.4	2,543.9	2,570.9	0.00	0.00	0.00
9,300.0	90.66	90.09	6,526.4	415.2	2,643.9	2,670.5	0.00	0.00	0.00
9,400.0	90.66	90.09	6,525.3	415.1	2,743.9	2,770.1	0.00	0.00	0.00
9,500.0	90.66	90.09	6,524.1	414.9	2,843.9	2,869.7	0.00	0.00	0.00
9,600.0	90.66	90.09	6,523.0	414.8	2,943.9	2,969.2	0.00	0.00	0.00
9,700.0	90.66	90.09	6,521.8	414.6	3,043.9	3,068.8	0.00	0.00	0.00
9,800.0	90.66	90.09	6,520.6	414.4	3,143.9	3,168.4	0.00	0.00	0.00
9,900.0	90.66	90.09	6,519.5	414.3	3,243.9	3,268.0	0.00	0.00	0.00
10,000.0	90.66	90.09	6,518.3	414.1	3,343.9	3,367.5	0.00	0.00	0.00
10,100.0	90.66	90.09	6,517.2	414.0	3,443.9	3,467.1	0.00	0.00	0.00
10,200.0	90.66	90.09	6,516.0	413.8	3,543.9	3,566.7	0.00	0.00	0.00
10,300.0	90.66	90.09	6,514.9	413.7	3,643.9	3,666.3	0.00	0.00	0.00
10,400.0	90.66	90.09	6,513.7	413.5	3,743.9	3,765.8	0.00	0.00	0.00
10,500.0	90.66	90.09	6,512.5	413.3	3,843.8	3,865.4	0.00	0.00	0.00
10,600.0	90.66	90.09	6,511.4	413.2	3,943.8	3,965.0	0.00	0.00	0.00
10,700.0	90.66	90.09	6,510.2	413.0	4,043.8	4,064.6	0.00	0.00	0.00
10,800.0	90.66	90.09	6,509.1	412.9	4,143.8	4,164.2	0.00	0.00	0.00
10,900.0	90.66	90.09	6,507.9	412.7	4,243.8	4,263.7	0.00	0.00	0.00
11,000.0	90.66	90.09	6,506.7	412.6	4,343.8	4,363.3	0.00	0.00	0.00
11,100.0	90.66	90.09	6,505.6	412.4	4,443.8	4,462.9	0.00	0.00	0.00
11,200.0	90.66	90.09	6,504.4	412.2	4,543.8	4,562.5	0.00	0.00	0.00
11,237.7	90.66	90.09	6,504.0	412.2	4,581.5	4,600.0	0.00	0.00	0.00

Targets									
Target Name - hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude
CVR 5-63-32-26H LP - plan hits target - Point	0.00	0.00	6,554.0	418.9	264.8	1,374,286.10	3,287,685.41	40° 21' 22.392 N	104° 28' 3.720 W
CVR 5-63-32-26H PBHL - plan misses by 0.2ft at 11237.7ft MD (6504.0 TVD, 412.2 N, 4581.5 E) - Point	0.00	0.00	6,504.0	412.1	4,581.7	1,374,329.44	3,292,002.11	40° 21' 22.320 N	104° 27' 7.956 W

Bill Barrett Corp

Planning Report

Database:	Compass	Local Co-ordinate Reference:	Well CVR 5-63-32-26H
Company:	BILL BARRETT CORP	TVD Reference:	KB @ 4602.0ft (Original Well Elev)
Project:	WELD COUNTY, COLORADO	MD Reference:	KB @ 4602.0ft (Original Well Elev)
Site:	CVR 5-63-32-26H	North Reference:	True
Well:	CVR 5-63-32-26H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #1		

Formations						
Measured Depth (ft)	Vertical Depth (ft)	Name	Lithology	Dip (°)	Dip Direction (°)	
3,393.6	3,374.0	Pierre (Fox Hills Base)		-0.66	90.09	
4,039.8	4,014.0	Terry/Sussex		-0.66	90.09	
4,847.4	4,814.0	Shannon		-0.66	90.09	
6,193.2	6,154.0	Sharon Springs		-0.66	90.09	
6,348.2	6,294.0	Niobrara		-0.66	90.09	
6,757.7	6,534.0	Top Codell Target		-0.66	90.09	
6,861.7	6,554.0	Base Codell Target		-0.66	90.09	

Plan Annotations					
Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates			
		+N/-S (ft)	+E/-W (ft)	Comment	
1,000.0	1,000.0	0.0	0.0	Start Build 1.50	
1,500.8	1,499.4	26.2	-19.7	Start 3512.5 hold at 1500.8 MD	
5,013.3	4,981.7	393.6	-295.1	Start Drop -1.50	
5,514.1	5,481.1	419.9	-314.8	Start 500.0 hold at 5514.1 MD	
6,014.1	5,981.1	419.9	-314.8	Start Build 10.00	
6,920.7	6,554.0	419.0	264.8	Start 4317.1 hold at 6920.7 MD	
11,237.9	6,504.0	412.2	4,581.7	TD at 11237.9	