

BILL BARRETT CORP

WELD COUNTY, COLORADO

Pappenheim 6-62-23 Pad

Pappenheim 6-62-23-59H

Wellbore #1

Plan: Design #1

Standard Planning Report

27 March, 2013



Bill Barrett Corporation

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

REFERENCE INFORMATION

Co-ordinate (N/E) Reference: Well Pappenheim 6-62-23-59H, Grid North
Vertical (TVD) Reference: KB @ 4718.0ft (Original Well Elev)
Section (VS) Reference: Slot - (0.0N, 0.0E)
Measured Depth Reference: KB @ 4718.0ft (Original Well Elev)
Calculation Method: Minimum Curvature

WELL DETAILS: Pappenheim 6-62-23-59H

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
0.0	0.0	1419853.46	3336199.14	40° 28' 46.596 N	104° 17' 29.076 W

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	2126.0	22.52	79.73	2097.2	38.9	214.9	2.00	79.73	25.8	
4	4647.1	22.52	79.73	4426.1	211.1	1165.1	0.00	0.00	139.9	
5	5773.1	0.00	0.00	5523.3	250.0	1380.0	2.00	180.00	165.7	
6	5973.1	0.00	0.00	5723.3	250.0	1380.0	0.00	0.00	165.7	
7	6918.3	90.30	180.07	6323.0	-352.9	1379.2	9.55	180.07	741.8	59H LP
8	6921.8	90.30	180.07	6323.0	-356.4	1379.2	0.00	0.00	745.2	59H LP
9	6957.9	90.30	180.61	6322.8	-392.5	1379.0	1.50	90.00	779.6	59H PBHL
10	10923.1	90.30	180.61	6302.0	-4357.4	1336.6	0.00	0.00	4557.8	59H PBHL

PROJECT DETAILS: WELD COUNTY, COLORADO

Geodetic System: US State Plane 1983
Datum: North American Datum 1983
Ellipsoid: GRS 1980
Zone: Colorado Northern Zone

FORMATION TOP DETAILS

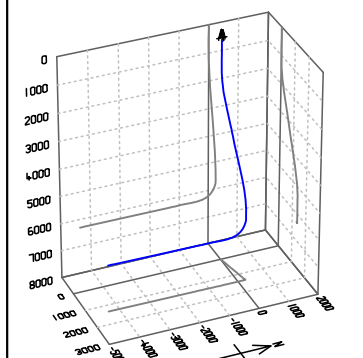
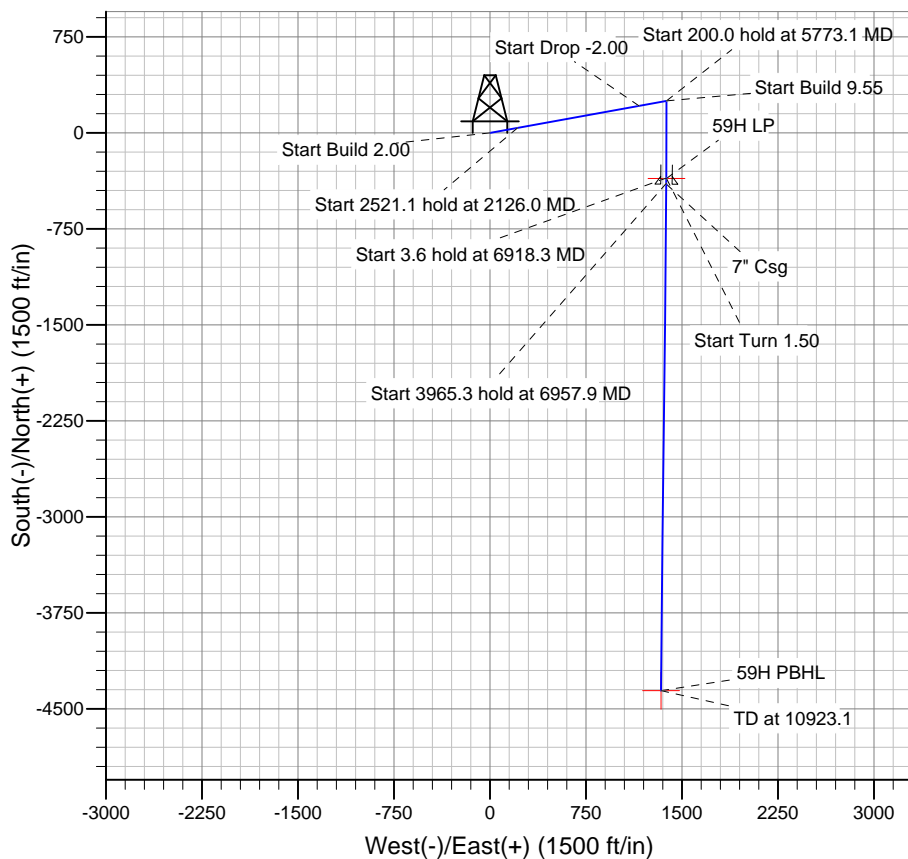
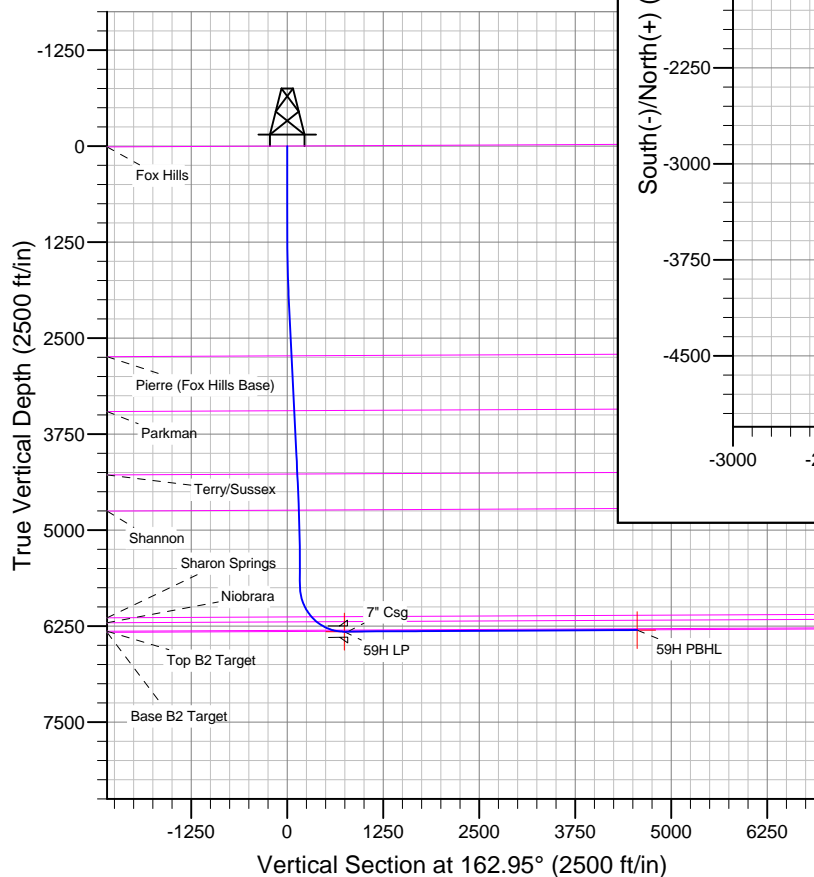
TVDPath	MDPath	Formation
2733.5	2814.8	Pierre (Fox Hills Base)
3448.8	3589.1	Parkman
4274.1	4482.6	Terry/Sussex
4744.3	4984.1	Shannon
6133.5	6424.8	Sharon Springs
6198.2	6521.1	Niobrara
6307.0	6776.0	Top B2 Target
6321.5	6871.9	Base B2 Target

CASING DETAILS

TVD	MD	Name	Size
6322.8	6966.0	7" Csg	7

WELLBORE TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Shape
59H PBHL	6303.0	-4357.4	1336.6	Point
59H LP	6323.0	-356.4	1379.2	Point



Azimuths to Grid North
True North: -0.78°
Magnetic North: 7.59°
Magnetic Field
Strength: 53035.7snT
Dip Angle: 67.13°
Date: 3/27/2013
Model: IGRF2010

Bill Barrett Corp

Planning Report

Database:	Compass	Local Co-ordinate Reference:	Well Pappenheim 6-62-23-59H
Company:	BILL BARRETT CORP	TVD Reference:	KB @ 4718.0ft (Original Well Elev)
Project:	WELD COUNTY, COLORADO	MD Reference:	KB @ 4718.0ft (Original Well Elev)
Site:	Pappenheim 6-62-23 Pad	North Reference:	Grid
Well:	Pappenheim 6-62-23-59H	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		Pappenheim 6-62-23 Pad				
Site Position:		Northing:	1,419,851.61 ft	Latitude:	40° 28' 46.596 N	
From:	Lat/Long	Easting:	3,336,062.84 ft	Longitude:	104° 17' 30.840 W	
Position Uncertainty:		0.0 ft	Slot Radius:	"	Grid Convergence:	0.78 °

Well		Pappenheim 6-62-23-59H				
Well Position	+N-S	1.8 ft	Northing:	1,419,853.46 ft	Latitude:	40° 28' 46.596 N
	+E-W	136.3 ft	Easting:	3,336,199.14 ft	Longitude:	104° 17' 29.076 W
Position Uncertainty		0.0 ft	Wellhead Elevation:	ft	Ground Level:	4,698.0 ft

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	3/27/2013	8.37	67.13	53,036

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	162.95

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	
2,126.0	22.52	79.73	2,097.2	38.9	214.9	2.00	2.00	0.00	79.73	
4,647.1	22.52	79.73	4,426.1	211.1	1,165.1	0.00	0.00	0.00	0.00	
5,773.1	0.00	0.00	5,523.3	250.0	1,380.0	2.00	-2.00	0.00	180.00	
5,973.1	0.00	0.00	5,723.3	250.0	1,380.0	0.00	0.00	0.00	0.00	
6,918.3	90.30	180.07	6,323.0	-352.9	1,379.2	9.55	9.55	0.00	180.07	59H LP
6,921.8	90.30	180.07	6,323.0	-356.4	1,379.2	0.00	0.00	0.00	0.00	59H LP
6,957.9	90.30	180.61	6,322.8	-392.5	1,379.0	1.50	0.00	1.50	90.00	59H PBHL
10,923.1	90.30	180.61	6,302.0	-4,357.4	1,336.6	0.00	0.00	0.00	0.00	59H PBHL

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Project:	WELD COUNTY, COLORADO	MD Reference:	KB @ 4718.0ft (Original Well Elev)
Site:	Pappenheim 6-62-23 Pad	North Reference:	Grid
Well:	Pappenheim 6-62-23-59H	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
1,100.0	2.00	79.73	1,100.0	0.3	1.7	0.2	2.00	2.00	0.00
1,200.0	4.00	79.73	1,199.8	1.2	6.9	0.8	2.00	2.00	0.00
1,300.0	6.00	79.73	1,299.5	2.8	15.4	1.9	2.00	2.00	0.00
1,400.0	8.00	79.73	1,398.7	5.0	27.4	3.3	2.00	2.00	0.00
1,500.0	10.00	79.73	1,497.5	7.8	42.8	5.1	2.00	2.00	0.00
1,600.0	12.00	79.73	1,595.6	11.2	61.6	7.4	2.00	2.00	0.00
1,700.0	14.00	79.73	1,693.1	15.2	83.7	10.1	2.00	2.00	0.00
1,800.0	16.00	79.73	1,789.6	19.8	109.2	13.1	2.00	2.00	0.00
1,900.0	18.00	79.73	1,885.3	25.0	138.0	16.6	2.00	2.00	0.00
2,000.0	20.00	79.73	1,979.8	30.8	170.0	20.4	2.00	2.00	0.00
2,100.0	22.00	79.73	2,073.2	37.2	205.3	24.6	2.00	2.00	0.00
2,126.0	22.52	79.73	2,097.2	38.9	214.9	25.8	2.00	2.00	0.00
2,200.0	22.52	79.73	2,165.6	44.0	242.8	29.2	0.00	0.00	0.00
2,300.0	22.52	79.73	2,258.0	50.8	280.5	33.7	0.00	0.00	0.00
2,400.0	22.52	79.73	2,350.3	57.6	318.2	38.2	0.00	0.00	0.00
2,500.0	22.52	79.73	2,442.7	64.5	355.9	42.7	0.00	0.00	0.00
2,600.0	22.52	79.73	2,535.1	71.3	393.6	47.3	0.00	0.00	0.00
2,700.0	22.52	79.73	2,627.5	78.1	431.3	51.8	0.00	0.00	0.00
2,800.0	22.52	79.73	2,719.8	85.0	469.0	56.3	0.00	0.00	0.00
2,814.8	22.52	79.73	2,733.5	86.0	474.5	57.0	0.00	0.00	0.00
Pierre (Fox Hills Base)									
2,900.0	22.52	79.73	2,812.2	91.8	506.6	60.8	0.00	0.00	0.00
3,000.0	22.52	79.73	2,904.6	98.6	544.3	65.4	0.00	0.00	0.00
3,100.0	22.52	79.73	2,997.0	105.4	582.0	69.9	0.00	0.00	0.00
3,200.0	22.52	79.73	3,089.3	112.3	619.7	74.4	0.00	0.00	0.00
3,300.0	22.52	79.73	3,181.7	119.1	657.4	78.9	0.00	0.00	0.00
3,400.0	22.52	79.73	3,274.1	125.9	695.1	83.5	0.00	0.00	0.00
3,500.0	22.52	79.73	3,366.5	132.7	732.8	88.0	0.00	0.00	0.00
3,589.1	22.52	79.73	3,448.8	138.8	766.3	92.0	0.00	0.00	0.00
Parkman									
3,600.0	22.52	79.73	3,458.8	139.6	770.4	92.5	0.00	0.00	0.00
3,700.0	22.52	79.73	3,551.2	146.4	808.1	97.0	0.00	0.00	0.00
3,800.0	22.52	79.73	3,643.6	153.2	845.8	101.5	0.00	0.00	0.00
3,900.0	22.52	79.73	3,736.0	160.1	883.5	106.1	0.00	0.00	0.00
4,000.0	22.52	79.73	3,828.3	166.9	921.2	110.6	0.00	0.00	0.00
4,100.0	22.52	79.73	3,920.7	173.7	958.9	115.1	0.00	0.00	0.00
4,200.0	22.52	79.73	4,013.1	180.5	996.6	119.6	0.00	0.00	0.00
4,300.0	22.52	79.73	4,105.5	187.4	1,034.3	124.2	0.00	0.00	0.00
4,400.0	22.52	79.73	4,197.8	194.2	1,071.9	128.7	0.00	0.00	0.00
4,482.6	22.52	79.73	4,274.1	199.8	1,103.1	132.4	0.00	0.00	0.00
Terry/Sussex									
4,500.0	22.52	79.73	4,290.2	201.0	1,109.6	133.2	0.00	0.00	0.00

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Company:	BILL BARRETT CORP	TVD Reference:	KB @ 4718.0ft (Original Well Elev)
Project:	WELD COUNTY, COLORADO	MD Reference:	KB @ 4718.0ft (Original Well Elev)
Site:	Pappenheim 6-62-23 Pad	North Reference:	Grid
Well:	Pappenheim 6-62-23-59H	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)
4,600.0	22.52	79.73	4,382.6	207.8	1,147.3	137.7	0.00	0.00	0.00
4,647.1	22.52	79.73	4,426.1	211.1	1,165.1	139.9	0.00	0.00	0.00
4,700.0	21.46	79.73	4,475.1	214.6	1,184.5	142.2	2.00	-2.00	0.00
4,800.0	19.46	79.73	4,568.8	220.8	1,218.9	146.3	2.00	-2.00	0.00
4,900.0	17.46	79.73	4,663.7	226.5	1,250.1	150.1	2.00	-2.00	0.00
4,984.1	15.78	79.73	4,744.3	230.8	1,273.8	152.9	2.00	-2.00	0.00
Shannon									
5,000.0	15.46	79.73	4,759.6	231.5	1,278.0	153.4	2.00	-2.00	0.00
5,100.0	13.46	79.73	4,856.4	236.0	1,302.6	156.4	2.00	-2.00	0.00
5,200.0	11.46	79.73	4,954.0	239.8	1,323.8	158.9	2.00	-2.00	0.00
5,300.0	9.46	79.73	5,052.4	243.1	1,341.7	161.1	2.00	-2.00	0.00
5,400.0	7.46	79.73	5,151.3	245.7	1,356.1	162.8	2.00	-2.00	0.00
5,500.0	5.46	79.73	5,250.6	247.7	1,367.2	164.1	2.00	-2.00	0.00
5,600.0	3.46	79.73	5,350.3	249.1	1,374.9	165.1	2.00	-2.00	0.00
5,700.0	1.46	79.73	5,450.2	249.8	1,379.1	165.6	2.00	-2.00	0.00
5,773.1	0.00	0.00	5,523.3	250.0	1,380.0	165.7	2.00	-2.00	0.00
5,800.0	0.00	0.00	5,550.2	250.0	1,380.0	165.7	0.00	0.00	0.00
5,900.0	0.00	0.00	5,650.2	250.0	1,380.0	165.7	0.00	0.00	0.00
5,973.1	0.00	0.00	5,723.3	250.0	1,380.0	165.7	0.00	0.00	0.00
6,000.0	2.57	180.07	5,750.2	249.4	1,380.0	166.3	9.55	9.55	0.00
6,100.0	12.13	180.07	5,849.3	236.6	1,380.0	178.5	9.55	9.55	0.00
6,200.0	21.68	180.07	5,944.9	207.6	1,379.9	206.2	9.55	9.55	0.00
6,300.0	31.23	180.07	6,034.3	163.1	1,379.9	248.8	9.55	9.55	0.00
6,400.0	40.79	180.07	6,115.1	104.3	1,379.8	304.9	9.55	9.55	0.00
6,424.8	43.16	180.07	6,133.5	87.7	1,379.8	320.7	9.55	9.55	0.00
Sharon Springs									
6,500.0	50.34	180.07	6,185.0	33.0	1,379.7	373.0	9.55	9.55	0.00
6,521.1	52.35	180.07	6,198.2	16.6	1,379.7	388.8	9.55	9.55	0.00
Niobrara									
6,600.0	59.89	180.07	6,242.1	-48.9	1,379.6	451.3	9.55	9.55	0.00
6,700.0	69.45	180.07	6,284.9	-139.2	1,379.5	537.6	9.55	9.55	0.00
6,776.0	76.71	180.07	6,307.0	-211.9	1,379.4	607.1	9.55	9.55	0.00
Top B2 Target									
6,800.0	79.00	180.07	6,312.0	-235.3	1,379.4	629.5	9.55	9.55	0.00
6,871.9	85.87	180.07	6,321.5	-306.6	1,379.3	697.6	9.55	9.55	0.00
Base B2 Target									
6,900.0	88.56	180.07	6,322.8	-334.6	1,379.3	724.4	9.55	9.55	0.00
6,918.3	90.30	180.07	6,323.0	-352.9	1,379.2	741.8	9.55	9.55	0.00
6,921.8	90.30	180.07	6,323.0	-356.4	1,379.2	745.2	0.00	0.00	0.00
59H LP									
6,957.9	90.30	180.61	6,322.8	-392.5	1,379.0	779.6	1.50	0.00	1.50
6,966.0	90.30	180.61	6,322.8	-400.6	1,378.9	787.4	0.00	0.00	0.00
7" Csg									
7,000.0	90.30	180.61	6,322.6	-434.6	1,378.6	819.8	0.00	0.00	0.00
7,100.0	90.30	180.61	6,322.1	-534.6	1,377.5	915.1	0.00	0.00	0.00
7,200.0	90.30	180.61	6,321.5	-634.6	1,376.4	1,010.3	0.00	0.00	0.00
7,300.0	90.30	180.61	6,321.0	-734.6	1,375.4	1,105.6	0.00	0.00	0.00
7,400.0	90.30	180.61	6,320.5	-834.6	1,374.3	1,200.9	0.00	0.00	0.00
7,500.0	90.30	180.61	6,320.0	-934.6	1,373.2	1,296.2	0.00	0.00	0.00
7,600.0	90.30	180.61	6,319.4	-1,034.6	1,372.2	1,391.5	0.00	0.00	0.00
7,700.0	90.30	180.61	6,318.9	-1,134.6	1,371.1	1,486.7	0.00	0.00	0.00
7,800.0	90.30	180.61	6,318.4	-1,234.5	1,370.0	1,582.0	0.00	0.00	0.00
7,900.0	90.30	180.61	6,317.9	-1,334.5	1,368.9	1,677.3	0.00	0.00	0.00

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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)
8,000.0	90.30	180.61	6,317.4	-1,434.5	1,367.9	1,772.6	0.00	0.00	0.00
8,100.0	90.30	180.61	6,316.8	-1,534.5	1,366.8	1,867.9	0.00	0.00	0.00
8,200.0	90.30	180.61	6,316.3	-1,634.5	1,365.7	1,963.2	0.00	0.00	0.00
8,300.0	90.30	180.61	6,315.8	-1,734.5	1,364.7	2,058.4	0.00	0.00	0.00
8,400.0	90.30	180.61	6,315.3	-1,834.5	1,363.6	2,153.7	0.00	0.00	0.00
8,500.0	90.30	180.61	6,314.7	-1,934.5	1,362.5	2,249.0	0.00	0.00	0.00
8,600.0	90.30	180.61	6,314.2	-2,034.5	1,361.5	2,344.3	0.00	0.00	0.00
8,700.0	90.30	180.61	6,313.7	-2,134.5	1,360.4	2,439.6	0.00	0.00	0.00
8,800.0	90.30	180.61	6,313.2	-2,234.5	1,359.3	2,534.9	0.00	0.00	0.00
8,900.0	90.30	180.61	6,312.6	-2,334.5	1,358.2	2,630.1	0.00	0.00	0.00
9,000.0	90.30	180.61	6,312.1	-2,434.5	1,357.2	2,725.4	0.00	0.00	0.00
9,100.0	90.30	180.61	6,311.6	-2,534.5	1,356.1	2,820.7	0.00	0.00	0.00
9,200.0	90.30	180.61	6,311.1	-2,634.4	1,355.0	2,916.0	0.00	0.00	0.00
9,300.0	90.30	180.61	6,310.5	-2,734.4	1,354.0	3,011.3	0.00	0.00	0.00
9,400.0	90.30	180.61	6,310.0	-2,834.4	1,352.9	3,106.6	0.00	0.00	0.00
9,500.0	90.30	180.61	6,309.5	-2,934.4	1,351.8	3,201.8	0.00	0.00	0.00
9,600.0	90.30	180.61	6,309.0	-3,034.4	1,350.8	3,297.1	0.00	0.00	0.00
9,700.0	90.30	180.61	6,308.5	-3,134.4	1,349.7	3,392.4	0.00	0.00	0.00
9,800.0	90.30	180.61	6,307.9	-3,234.4	1,348.6	3,487.7	0.00	0.00	0.00
9,900.0	90.30	180.61	6,307.4	-3,334.4	1,347.5	3,583.0	0.00	0.00	0.00
10,000.0	90.30	180.61	6,306.9	-3,434.4	1,346.5	3,678.3	0.00	0.00	0.00
10,100.0	90.30	180.61	6,306.4	-3,534.4	1,345.4	3,773.5	0.00	0.00	0.00
10,200.0	90.30	180.61	6,305.8	-3,634.4	1,344.3	3,868.8	0.00	0.00	0.00
10,300.0	90.30	180.61	6,305.3	-3,734.4	1,343.3	3,964.1	0.00	0.00	0.00
10,400.0	90.30	180.61	6,304.8	-3,834.4	1,342.2	4,059.4	0.00	0.00	0.00
10,500.0	90.30	180.61	6,304.3	-3,934.4	1,341.1	4,154.7	0.00	0.00	0.00
10,600.0	90.30	180.61	6,303.7	-4,034.3	1,340.1	4,250.0	0.00	0.00	0.00
10,700.0	90.30	180.61	6,303.2	-4,134.3	1,339.0	4,345.2	0.00	0.00	0.00
10,800.0	90.30	180.61	6,302.7	-4,234.3	1,337.9	4,440.5	0.00	0.00	0.00
10,900.0	90.30	180.61	6,302.2	-4,334.3	1,336.8	4,535.8	0.00	0.00	0.00
10,923.1	90.30	180.61	6,302.0	-4,357.4	1,336.6	4,557.8	0.00	0.00	0.00
59H PBHL									

Casing Points

Measured Depth (ft)	Vertical Depth (ft)	Name	Casing Diameter (")	Hole Diameter (")
6,966.0	6,322.8	7" Csg	7	8-3/4

Bill Barrett Corp

Planning Report

Database:	Compass	Local Co-ordinate Reference:	Well Pappenheim 6-62-23-59H
Company:	BILL BARRETT CORP	TVD Reference:	KB @ 4718.0ft (Original Well Elev)
Project:	WELD COUNTY, COLORADO	MD Reference:	KB @ 4718.0ft (Original Well Elev)
Site:	Pappenheim 6-62-23 Pad	North Reference:	Grid
Well:	Pappenheim 6-62-23-59H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #1		

Formations						
Measured Depth (ft)	Vertical Depth (ft)	Name	Lithology	Dip (°)	Dip Direction (°)	
	0.0	Fox Hills		-0.30	180.61	
2,814.8	2,733.0	Pierre (Fox Hills Base)		-0.30	180.61	
3,589.1	3,448.0	Parkman		-0.30	180.61	
4,482.6	4,273.0	Terry/Sussex		-0.30	180.61	
4,984.1	4,743.0	Shannon		-0.30	180.61	
6,424.8	6,133.0	Sharon Springs		-0.30	180.61	
6,521.1	6,198.0	Niobrara		-0.30	180.61	
6,776.0	6,308.0	Top B2 Target		-0.30	180.61	
6,871.9	6,323.0	Base B2 Target		-0.30	180.61	