

BILL BARRETT CORP

GARFIELD COUNTY, COLORADO NAD 1983

CBC #1

CBC 13D-22-692

Wellbore #1

Plan: Design #1

Standard Planning Report

24 January, 2012

Bill Barrett Corp

Planning Report

Database:	Compass	Local Co-ordinate Reference:	Well CBC 13D-22-692
Company:	BILL BARRETT CORP	TVD Reference:	WELL @ 5773.00ft (Original Well Elev)
Project:	GARFIELD COUNTY, COLORADO NAD 1983	MD Reference:	WELL @ 5773.00ft (Original Well Elev)
Site:	CBC #1	North Reference:	True
Well:	CBC 13D-22-692	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #1		

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

Site	CBC #1		
Site Position:		Northing:	1,617,285.528 ft
From:	Lat/Long	Easting:	2,392,460.705 ft
Position Uncertainty:	0.00 ft	Slot Radius:	"
		Latitude:	39° 30' 30.449 N
		Longitude:	107° 39' 12.4092 W
		Grid Convergence:	-1.36 °

Well	CBC 13D-22-692		
Well Position	+N/-S	39.69 ft	Northing:
	+E/-W	5.08 ft	Easting:
Position Uncertainty		0.00 ft	Wellhead Elevation:
			ft
			Latitude:
			39° 30' 30.841 N
			Longitude:
			107° 39' 12.3444 W
			Ground Level:
			0.00 ft

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	1/24/2012	10.12	65.80	52,242

Design	Design #1			
Audit Notes:				
Version:	Phase:	PROTOTYPE	Tie On Depth:	0.00
Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)
	0.00	0.00	0.00	304.16

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
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
760.00	0.00	0.00	760.00	0.00	0.00	0.00	0.00	0.00	0.00	
2,385.49	40.64	304.16	2,252.60	310.34	-457.32	2.50	2.50	0.00	304.16	
3,557.98	40.64	304.16	3,142.34	739.12	-1,089.18	0.00	0.00	0.00	0.00	
6,267.13	0.00	0.00	5,630.00	1,256.35	-1,851.38	1.50	-1.50	0.00	180.00	
8,267.13	0.00	0.00	7,630.00	1,256.35	-1,851.38	0.00	0.00	0.00	0.00	CBC 13D-22-692 (T

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Project:	GARFIELD COUNTY, COLORADO NAD 1983	MD Reference:	WELL @ 5773.00ft (Original Well Elev)
Site:	CBC #1	North Reference:	True
Well:	CBC 13D-22-692	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)	
0.00	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	
760.00	0.00	0.00	760.00	0.00	0.00	0.00	0.00	0.00	0.00	
800.00	1.00	304.16	800.00	0.20	-0.29	0.35	2.50	2.50	0.00	
900.00	3.50	304.16	899.91	2.40	-3.54	4.27	2.50	2.50	0.00	
1,000.00	6.00	304.16	999.56	7.05	-10.39	12.55	2.50	2.50	0.00	
1,100.00	8.50	304.16	1,098.75	14.14	-20.83	25.17	2.50	2.50	0.00	
1,200.00	11.00	304.16	1,197.30	23.64	-34.84	42.11	2.50	2.50	0.00	
1,300.00	13.50	304.16	1,295.02	35.56	-52.40	63.32	2.50	2.50	0.00	
1,400.00	16.00	304.16	1,391.71	49.85	-73.46	88.78	2.50	2.50	0.00	
1,500.00	18.50	304.16	1,487.21	66.50	-98.00	118.43	2.50	2.50	0.00	
1,600.00	21.00	304.16	1,581.32	85.48	-125.96	152.22	2.50	2.50	0.00	
1,700.00	23.50	304.16	1,673.87	106.74	-157.29	190.08	2.50	2.50	0.00	
1,800.00	26.00	304.16	1,764.67	130.24	-191.93	231.95	2.50	2.50	0.00	
1,900.00	28.50	304.16	1,853.57	155.95	-229.81	277.73	2.50	2.50	0.00	
2,000.00	31.00	304.16	1,940.38	183.81	-270.87	327.35	2.50	2.50	0.00	
2,100.00	33.50	304.16	2,024.95	213.77	-315.02	380.70	2.50	2.50	0.00	
2,200.00	36.00	304.16	2,107.10	245.78	-362.18	437.70	2.50	2.50	0.00	
2,300.00	38.50	304.16	2,186.70	279.76	-412.26	498.22	2.50	2.50	0.00	
2,385.49	40.64	304.16	2,252.60	310.34	-457.32	552.68	2.50	2.50	0.00	
2,400.00	40.64	304.16	2,263.61	315.64	-465.14	562.13	0.00	0.00	0.00	
2,500.00	40.64	304.16	2,339.49	352.21	-519.03	627.26	0.00	0.00	0.00	
2,600.00	40.64	304.16	2,415.38	388.78	-572.92	692.38	0.00	0.00	0.00	
2,700.00	40.64	304.16	2,491.26	425.35	-626.81	757.51	0.00	0.00	0.00	
2,800.00	40.64	304.16	2,567.15	461.92	-680.70	822.64	0.00	0.00	0.00	
2,900.00	40.64	304.16	2,643.03	498.49	-734.59	887.76	0.00	0.00	0.00	
3,000.00	40.64	304.16	2,718.92	535.06	-788.48	952.89	0.00	0.00	0.00	
3,100.00	40.64	304.16	2,794.80	571.63	-842.37	1,018.02	0.00	0.00	0.00	
3,200.00	40.64	304.16	2,870.69	608.20	-896.26	1,083.14	0.00	0.00	0.00	
3,300.00	40.64	304.16	2,946.57	644.77	-950.15	1,148.27	0.00	0.00	0.00	
3,400.00	40.64	304.16	3,022.46	681.34	-1,004.04	1,213.40	0.00	0.00	0.00	
3,500.00	40.64	304.16	3,098.34	717.91	-1,057.93	1,278.52	0.00	0.00	0.00	
3,557.98	40.64	304.16	3,142.34	739.12	-1,089.18	1,316.28	0.00	0.00	0.00	
3,600.00	40.01	304.16	3,174.38	754.38	-1,111.68	1,343.47	1.50	-1.50	0.00	
3,700.00	38.51	304.16	3,251.81	789.91	-1,164.04	1,406.75	1.50	-1.50	0.00	
3,800.00	37.01	304.16	3,330.86	824.30	-1,214.70	1,467.98	1.50	-1.50	0.00	
3,900.00	35.51	304.16	3,411.50	857.50	-1,263.64	1,527.12	1.50	-1.50	0.00	
4,000.00	34.01	304.16	3,493.65	889.51	-1,310.81	1,584.13	1.50	-1.50	0.00	
4,100.00	32.51	304.16	3,577.27	920.31	-1,356.19	1,638.96	1.50	-1.50	0.00	
4,200.00	31.01	304.16	3,662.30	949.86	-1,399.74	1,691.59	1.50	-1.50	0.00	
4,300.00	29.51	304.16	3,748.68	978.15	-1,441.43	1,741.98	1.50	-1.50	0.00	
4,400.00	28.01	304.16	3,836.34	1,005.17	-1,481.24	1,790.09	1.50	-1.50	0.00	
4,500.00	26.51	304.16	3,925.23	1,030.88	-1,519.13	1,835.89	1.50	-1.50	0.00	
4,600.00	25.01	304.16	4,015.30	1,055.28	-1,555.09	1,879.34	1.50	-1.50	0.00	
4,700.00	23.51	304.16	4,106.46	1,078.35	-1,589.08	1,920.42	1.50	-1.50	0.00	
4,800.00	22.01	304.16	4,198.68	1,100.07	-1,621.09	1,959.10	1.50	-1.50	0.00	
4,900.00	20.51	304.16	4,291.87	1,120.43	-1,651.09	1,995.36	1.50	-1.50	0.00	

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Site:	CBC #1	North Reference:	True
Well:	CBC 13D-22-692	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)
5,000.00	19.01	304.16	4,385.98	1,139.41	-1,679.06	2,029.16	1.50	-1.50	0.00
5,100.00	17.51	304.16	4,480.95	1,157.00	-1,704.98	2,060.49	1.50	-1.50	0.00
5,200.00	16.01	304.16	4,576.70	1,173.19	-1,728.84	2,089.32	1.50	-1.50	0.00
5,300.00	14.51	304.16	4,673.17	1,187.96	-1,750.61	2,115.63	1.50	-1.50	0.00
5,400.00	13.01	304.16	4,770.30	1,201.32	-1,770.29	2,139.41	1.50	-1.50	0.00
5,500.00	11.51	304.16	4,868.02	1,213.24	-1,787.85	2,160.64	1.50	-1.50	0.00
5,600.00	10.01	304.16	4,966.26	1,223.72	-1,803.30	2,179.30	1.50	-1.50	0.00
5,700.00	8.51	304.16	5,064.95	1,232.75	-1,816.61	2,195.39	1.50	-1.50	0.00
5,800.00	7.01	304.16	5,164.03	1,240.33	-1,827.78	2,208.89	1.50	-1.50	0.00
5,900.00	5.51	304.16	5,263.43	1,246.45	-1,836.79	2,219.78	1.50	-1.50	0.00
6,000.00	4.01	304.16	5,363.09	1,251.10	-1,843.66	2,228.08	1.50	-1.50	0.00
6,100.00	2.51	304.16	5,462.92	1,254.29	-1,848.36	2,233.76	1.50	-1.50	0.00
6,200.00	1.01	304.16	5,562.87	1,256.01	-1,850.89	2,236.82	1.50	-1.50	0.00
6,267.13	0.00	0.00	5,630.00	1,256.35	-1,851.38	2,237.41	1.50	-1.50	0.00
6,300.00	0.00	0.00	5,662.87	1,256.35	-1,851.38	2,237.41	0.00	0.00	0.00
6,400.00	0.00	0.00	5,762.87	1,256.35	-1,851.38	2,237.41	0.00	0.00	0.00
6,500.00	0.00	0.00	5,862.87	1,256.35	-1,851.38	2,237.41	0.00	0.00	0.00
6,600.00	0.00	0.00	5,962.87	1,256.35	-1,851.38	2,237.41	0.00	0.00	0.00
6,700.00	0.00	0.00	6,062.87	1,256.35	-1,851.38	2,237.41	0.00	0.00	0.00
6,800.00	0.00	0.00	6,162.87	1,256.35	-1,851.38	2,237.41	0.00	0.00	0.00
6,900.00	0.00	0.00	6,262.87	1,256.35	-1,851.38	2,237.41	0.00	0.00	0.00
7,000.00	0.00	0.00	6,362.87	1,256.35	-1,851.38	2,237.41	0.00	0.00	0.00
7,100.00	0.00	0.00	6,462.87	1,256.35	-1,851.38	2,237.41	0.00	0.00	0.00
7,200.00	0.00	0.00	6,562.87	1,256.35	-1,851.38	2,237.41	0.00	0.00	0.00
7,300.00	0.00	0.00	6,662.87	1,256.35	-1,851.38	2,237.41	0.00	0.00	0.00
7,400.00	0.00	0.00	6,762.87	1,256.35	-1,851.38	2,237.41	0.00	0.00	0.00
7,500.00	0.00	0.00	6,862.87	1,256.35	-1,851.38	2,237.41	0.00	0.00	0.00
7,600.00	0.00	0.00	6,962.87	1,256.35	-1,851.38	2,237.41	0.00	0.00	0.00
7,700.00	0.00	0.00	7,062.87	1,256.35	-1,851.38	2,237.41	0.00	0.00	0.00
7,800.00	0.00	0.00	7,162.87	1,256.35	-1,851.38	2,237.41	0.00	0.00	0.00
7,900.00	0.00	0.00	7,262.87	1,256.35	-1,851.38	2,237.41	0.00	0.00	0.00
8,000.00	0.00	0.00	7,362.87	1,256.35	-1,851.38	2,237.41	0.00	0.00	0.00
8,100.00	0.00	0.00	7,462.87	1,256.35	-1,851.38	2,237.41	0.00	0.00	0.00
8,200.00	0.00	0.00	7,562.87	1,256.35	-1,851.38	2,237.41	0.00	0.00	0.00
8,267.13	0.00	0.00	7,630.00	1,256.35	-1,851.38	2,237.41	0.00	0.00	0.00

Formations

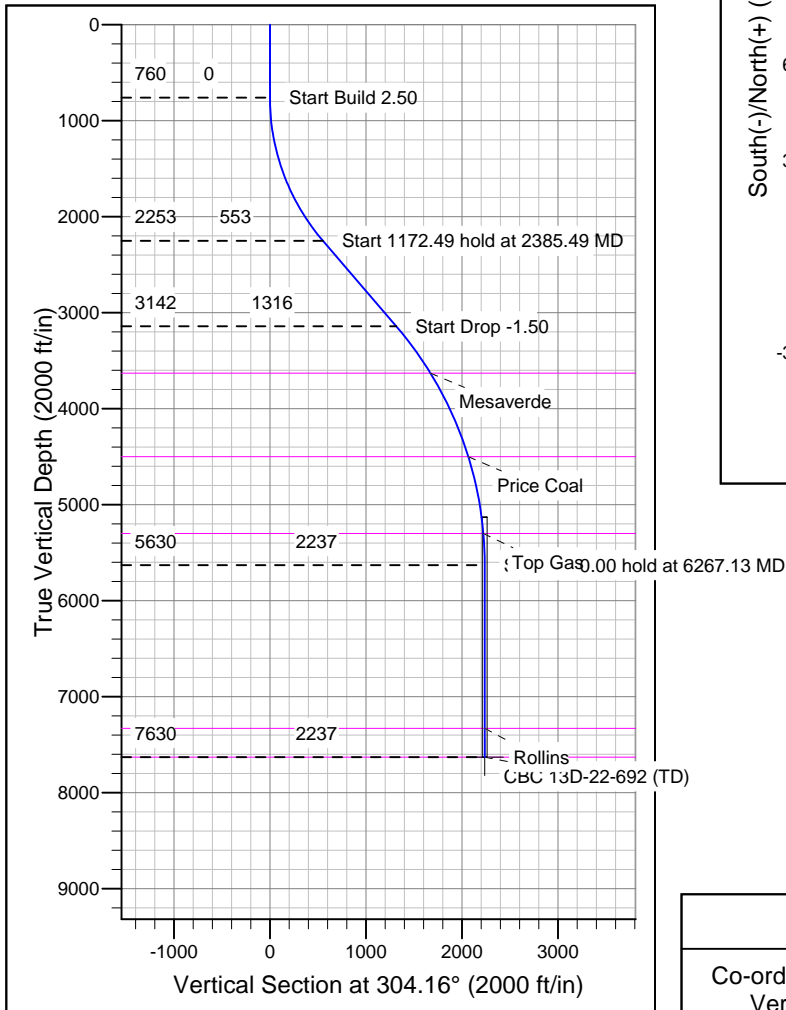
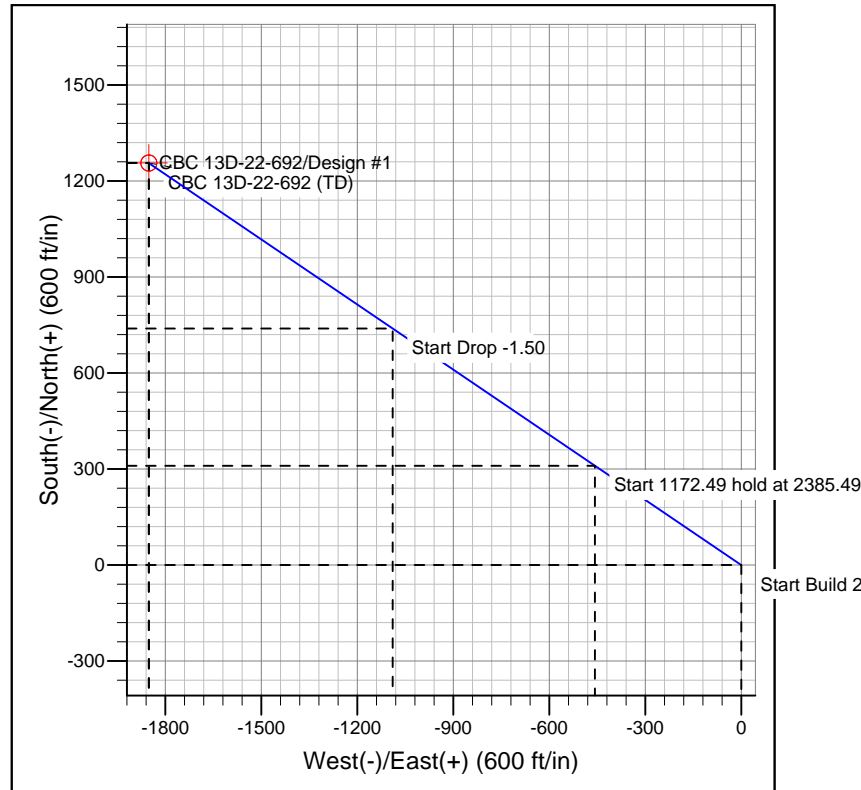
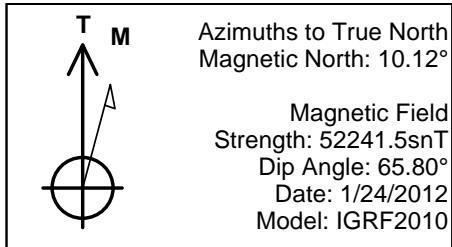
Measured Depth (ft)	Vertical Depth (ft)	Name	Lithology	Dip (°)	Dip Direction (°)
4,162.20	3,630.00	Mesaverde		0.00	
5,119.96	4,500.00	Price Coal		0.00	
5,936.72	5,300.00	Top Gas		0.00	
7,967.13	7,330.00	Rollins		0.00	
8,267.13	7,630.00	TD		0.00	

WELL DETAILS: CBC 13D-22-692

+N/-S	+E/-W	Northing	Ground Level:	0.00		
0.00	0.00	1617325.090	Easting	2392466.723	Latitude	Longitude
				39° 30' 30.841 N	07° 39' 12.3444 W	Slot

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	760.00	0.00	0.00	760.00	0.00	0.00	0.00	0.00	0.00	
3	2385.49	40.64	304.16	2252.60	310.34	-457.32	2.50	304.16	552.68	
4	3557.98	40.64	304.16	3142.34	739.12	-1089.18	0.00	0.00	1316.28	
5	6267.13	0.00	0.00	5630.00	1256.35	-1851.38	1.50	180.00	2237.41	
6	8267.13	0.00	0.00	7630.00	1256.35	-1851.38	0.00	0.00	2237.41	CBC 13D-22-692 (TD)



FORMATION TOP DETAILS

TVDPath	MDPath	Formation
3630.00	4162.20	Mesaverde
4500.00	5119.96	Price Coal
5300.00	5936.72	Top Gas
7330.00	7967.13	Rollins
7630.00	8267.13	TD

REFERENCE INFORMATION

Co-ordinate (N/E) Reference: Well CBC 13D-22-692, True North
 Vertical (TVD) Reference: WELL @ 5773.00ft (Original Well Elev)
 Section (VS) Reference: Slot - (0.00N, 0.00E)
 Measured Depth Reference: WELL @ 5773.00ft (Original Well Elev)
 Calculation Method: Minimum Curvature