

BILL BARRETT CORP

GARFIELD COUNTY, COLORADO NAD 1983

CB-TG Land NW-20-692

CB-TG Land 11A-20-692

Wellbore #1

Plan: Design #1

Standard Planning Report

19 April, 2010

BBC

Planning Report

Database:	Compass	Local Co-ordinate Reference:	Well CB-TG Land 11A-20-692
Company:	BILL BARRETT CORP	TVD Reference:	WELL @ 5553.00ft (Original Well Elev)
Project:	GARFIELD COUNTY, COLORADO NAD 1983	MD Reference:	WELL @ 5553.00ft (Original Well Elev)
Site:	CB-TG Land NW-20-692	North Reference:	True
Well:	CB-TG Land 11A-20-692	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 CB-TG Land NW-20-692			
Site Position:		Northing:	1,620,796.787 ft
From:	Lat/Long	Easting:	2,382,188.002 ft
Position Uncertainty:	0.00 ft	Slot Radius:	"
		Latitude:	39° 31' 2.716 N
		Longitude:	107° 41' 24.5220 W
		Grid Convergence:	-1.38 °

Well CB-TG Land 11A-20-692			
Well Position	+N/-S	46.25 ft	Northing:
	+E/-W	-12.98 ft	1,620,843.336 ft
Position Uncertainty		0.00 ft	Easting:
			2,382,176.144 ft
			Latitude:
			39° 31' 3.173 N
			Longitude:
			107° 41' 24.6876 W
			Wellhead Elevation:
			ft
			Ground Level:
			0.00 ft

Wellbore Wellbore #1					
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	BGGM2007	4/16/2010	10.42	65.83	52,398

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	260.10

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	
830.00	0.00	0.00	830.00	0.00	0.00	0.00	0.00	0.00	0.00	
2,667.35	45.93	260.10	2,476.76	-119.96	-687.50	2.50	2.50	0.00	260.10	
2,993.20	45.93	260.10	2,703.39	-160.21	-918.15	0.00	0.00	0.00	0.00	
6,055.45	0.00	0.00	5,448.00	-360.14	-2,063.98	1.50	-1.50	0.00	180.00	
8,255.45	0.00	0.00	7,648.00	-360.14	-2,063.98	0.00	0.00	0.00	0.00	0.00 CB-TG Land 11A-2

BBC

Planning Report

Database:	Compass	Local Co-ordinate Reference:	Well CB-TG Land 11A-20-692
Company:	BILL BARRETT CORP	TVD Reference:	WELL @ 5553.00ft (Original Well Elev)
Project:	GARFIELD COUNTY, COLORADO NAD 1983	MD Reference:	WELL @ 5553.00ft (Original Well Elev)
Site:	CB-TG Land NW-20-692	North Reference:	True
Well:	CB-TG Land 11A-20-692	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	0.00
100.00	0.00	0.00	100.00	0.00	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	0.00
300.00	0.00	0.00	300.00	0.00	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	0.00
500.00	0.00	0.00	500.00	0.00	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	0.00
700.00	0.00	0.00	700.00	0.00	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	0.00
830.00	0.00	0.00	830.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9 5/8"										
900.00	1.75	260.10	899.99	-0.18	-1.05	1.07	2.50	2.50	0.00	0.00
1,000.00	4.25	260.10	999.84	-1.08	-6.21	6.30	2.50	2.50	0.00	0.00
1,100.00	6.75	260.10	1,099.38	-2.73	-15.65	15.89	2.50	2.50	0.00	0.00
1,200.00	9.25	260.10	1,198.39	-5.12	-29.36	29.80	2.50	2.50	0.00	0.00
1,300.00	11.75	260.10	1,296.71	-8.26	-47.31	48.02	2.50	2.50	0.00	0.00
1,400.00	14.25	260.10	1,394.14	-12.12	-69.47	70.52	2.50	2.50	0.00	0.00
1,500.00	16.75	260.10	1,490.50	-16.71	-95.79	97.24	2.50	2.50	0.00	0.00
1,600.00	19.25	260.10	1,585.60	-22.03	-126.23	128.14	2.50	2.50	0.00	0.00
1,700.00	21.75	260.10	1,679.26	-28.05	-160.73	163.16	2.50	2.50	0.00	0.00
1,800.00	24.25	260.10	1,771.30	-34.76	-199.22	202.23	2.50	2.50	0.00	0.00
1,900.00	26.75	260.10	1,861.55	-42.16	-241.62	245.27	2.50	2.50	0.00	0.00
2,000.00	29.25	260.10	1,949.84	-50.23	-287.87	292.22	2.50	2.50	0.00	0.00
2,100.00	31.75	260.10	2,035.99	-58.95	-337.86	342.97	2.50	2.50	0.00	0.00
2,200.00	34.25	260.10	2,119.85	-68.31	-391.51	397.43	2.50	2.50	0.00	0.00
2,300.00	36.75	260.10	2,201.26	-78.30	-448.71	455.49	2.50	2.50	0.00	0.00
2,400.00	39.25	260.10	2,280.05	-88.88	-509.36	517.05	2.50	2.50	0.00	0.00
2,500.00	41.75	260.10	2,356.09	-100.04	-573.33	581.99	2.50	2.50	0.00	0.00
2,600.00	44.25	260.10	2,429.22	-111.76	-640.51	650.19	2.50	2.50	0.00	0.00
2,667.35	45.93	260.10	2,476.76	-119.96	-687.50	697.89	2.50	2.50	0.00	0.00
2,700.00	45.93	260.10	2,499.47	-123.99	-710.61	721.35	0.00	0.00	0.00	0.00
2,800.00	45.93	260.10	2,569.02	-136.35	-781.39	793.20	0.00	0.00	0.00	0.00
2,900.00	45.93	260.10	2,638.57	-148.70	-852.18	865.05	0.00	0.00	0.00	0.00
2,993.20	45.93	260.10	2,703.39	-160.21	-918.15	932.02	0.00	0.00	0.00	0.00
3,000.00	45.83	260.10	2,708.12	-161.05	-922.96	936.90	1.50	-1.50	0.00	0.00
3,100.00	44.33	260.10	2,778.73	-173.22	-992.71	1,007.71	1.50	-1.50	0.00	0.00
3,200.00	42.83	260.10	2,851.17	-185.07	-1,060.62	1,076.65	1.50	-1.50	0.00	0.00
3,300.00	41.33	260.10	2,925.39	-196.59	-1,126.64	1,143.67	1.50	-1.50	0.00	0.00
3,400.00	39.83	260.10	3,001.33	-207.77	-1,190.73	1,208.72	1.50	-1.50	0.00	0.00
3,500.00	38.33	260.10	3,078.95	-218.61	-1,252.83	1,271.76	1.50	-1.50	0.00	0.00
3,600.00	36.83	260.10	3,158.20	-229.09	-1,312.91	1,332.74	1.50	-1.50	0.00	0.00
3,700.00	35.33	260.10	3,239.01	-239.21	-1,370.92	1,391.64	1.50	-1.50	0.00	0.00
3,800.00	33.83	260.10	3,321.34	-248.97	-1,426.84	1,448.39	1.50	-1.50	0.00	0.00
3,900.00	32.33	260.10	3,405.13	-258.35	-1,480.60	1,502.98	1.50	-1.50	0.00	0.00
4,000.00	30.83	260.10	3,490.32	-267.35	-1,532.20	1,555.35	1.50	-1.50	0.00	0.00
4,100.00	29.33	260.10	3,576.85	-275.97	-1,581.57	1,605.47	1.50	-1.50	0.00	0.00
4,181.14	28.11	260.10	3,648.00	-282.67	-1,619.98	1,644.46	1.50	-1.50	0.00	0.00
Mesaverde										
4,200.00	27.83	260.10	3,664.66	-284.19	-1,628.70	1,653.31	1.50	-1.50	0.00	0.00
4,300.00	26.33	260.10	3,753.69	-292.02	-1,673.55	1,698.83	1.50	-1.50	0.00	0.00
4,400.00	24.83	260.10	3,843.89	-299.44	-1,716.08	1,742.01	1.50	-1.50	0.00	0.00
4,500.00	23.33	260.10	3,935.18	-306.45	-1,756.28	1,782.81	1.50	-1.50	0.00	0.00
4,600.00	21.83	260.10	4,027.51	-313.05	-1,794.11	1,821.21	1.50	-1.50	0.00	0.00

BBC
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Project:	GARFIELD COUNTY, COLORADO NAD 1983	MD Reference:	WELL @ 5553.00ft (Original Well Elev)
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Well:	CB-TG Land 11A-20-692	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)
4,700.00	20.33	260.10	4,120.81	-319.24	-1,829.54	1,857.18	1.50	-1.50	0.00
4,800.00	18.83	260.10	4,215.03	-325.00	-1,862.55	1,890.70	1.50	-1.50	0.00
4,900.00	17.33	260.10	4,310.09	-330.33	-1,893.13	1,921.73	1.50	-1.50	0.00
5,000.00	15.83	260.10	4,405.92	-335.24	-1,921.24	1,950.27	1.50	-1.50	0.00
5,100.00	14.33	260.10	4,502.48	-339.71	-1,946.87	1,976.29	1.50	-1.50	0.00
5,157.20	13.47	260.10	4,558.00	-342.07	-1,960.41	1,990.03	1.50	-1.50	0.00
Price Coal									
5,200.00	12.83	260.10	4,599.68	-343.75	-1,970.01	1,999.77	1.50	-1.50	0.00
5,300.00	11.33	260.10	4,697.46	-347.34	-1,990.63	2,020.70	1.50	-1.50	0.00
5,400.00	9.83	260.10	4,795.76	-350.50	-2,008.72	2,039.07	1.50	-1.50	0.00
5,500.00	8.33	260.10	4,894.50	-353.21	-2,024.26	2,054.85	1.50	-1.50	0.00
5,600.00	6.83	260.10	4,993.62	-355.48	-2,037.26	2,068.04	1.50	-1.50	0.00
5,700.00	5.33	260.10	5,093.06	-357.30	-2,047.70	2,078.64	1.50	-1.50	0.00
5,800.00	3.83	260.10	5,192.74	-358.68	-2,055.57	2,086.63	1.50	-1.50	0.00
5,900.00	2.33	260.10	5,292.59	-359.60	-2,060.86	2,092.00	1.50	-1.50	0.00
5,935.44	1.80	260.10	5,328.00	-359.82	-2,062.12	2,093.28	1.50	-1.50	0.00
Top Gas									
6,000.00	0.83	260.10	5,392.55	-360.07	-2,063.58	2,094.76	1.50	-1.50	0.00
6,055.45	0.00	0.00	5,448.00	-360.14	-2,063.98	2,095.16	1.50	-1.50	0.00
6,100.00	0.00	0.00	5,492.55	-360.14	-2,063.98	2,095.16	0.00	0.00	0.00
6,200.00	0.00	0.00	5,592.55	-360.14	-2,063.98	2,095.16	0.00	0.00	0.00
6,300.00	0.00	0.00	5,692.55	-360.14	-2,063.98	2,095.16	0.00	0.00	0.00
6,400.00	0.00	0.00	5,792.55	-360.14	-2,063.98	2,095.16	0.00	0.00	0.00
6,500.00	0.00	0.00	5,892.55	-360.14	-2,063.98	2,095.16	0.00	0.00	0.00
6,600.00	0.00	0.00	5,992.55	-360.14	-2,063.98	2,095.16	0.00	0.00	0.00
6,700.00	0.00	0.00	6,092.55	-360.14	-2,063.98	2,095.16	0.00	0.00	0.00
6,800.00	0.00	0.00	6,192.55	-360.14	-2,063.98	2,095.16	0.00	0.00	0.00
6,900.00	0.00	0.00	6,292.55	-360.14	-2,063.98	2,095.16	0.00	0.00	0.00
7,000.00	0.00	0.00	6,392.55	-360.14	-2,063.98	2,095.16	0.00	0.00	0.00
7,100.00	0.00	0.00	6,492.55	-360.14	-2,063.98	2,095.16	0.00	0.00	0.00
7,200.00	0.00	0.00	6,592.55	-360.14	-2,063.98	2,095.16	0.00	0.00	0.00
7,300.00	0.00	0.00	6,692.55	-360.14	-2,063.98	2,095.16	0.00	0.00	0.00
7,400.00	0.00	0.00	6,792.55	-360.14	-2,063.98	2,095.16	0.00	0.00	0.00
7,500.00	0.00	0.00	6,892.55	-360.14	-2,063.98	2,095.16	0.00	0.00	0.00
7,600.00	0.00	0.00	6,992.55	-360.14	-2,063.98	2,095.16	0.00	0.00	0.00
7,700.00	0.00	0.00	7,092.55	-360.14	-2,063.98	2,095.16	0.00	0.00	0.00
7,800.00	0.00	0.00	7,192.55	-360.14	-2,063.98	2,095.16	0.00	0.00	0.00
7,900.00	0.00	0.00	7,292.55	-360.14	-2,063.98	2,095.16	0.00	0.00	0.00
7,955.45	0.00	0.00	7,348.00	-360.14	-2,063.98	2,095.16	0.00	0.00	0.00
Rollins									
8,000.00	0.00	0.00	7,392.55	-360.14	-2,063.98	2,095.16	0.00	0.00	0.00
8,100.00	0.00	0.00	7,492.55	-360.14	-2,063.98	2,095.16	0.00	0.00	0.00
8,200.00	0.00	0.00	7,592.55	-360.14	-2,063.98	2,095.16	0.00	0.00	0.00
8,255.45	0.00	0.00	7,648.00	-360.14	-2,063.98	2,095.16	0.00	0.00	0.00
TD									

BBC

Planning Report

Database:	Compass	Local Co-ordinate Reference:	Well CB-TG Land 11A-20-692
Company:	BILL BARRETT CORP	TVD Reference:	WELL @ 5553.00ft (Original Well Elev)
Project:	GARFIELD COUNTY, COLORADO NAD 1983	MD Reference:	WELL @ 5553.00ft (Original Well Elev)
Site:	CB-TG Land NW-20-692	North Reference:	True
Well:	CB-TG Land 11A-20-692	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #1		

Casing Points

Measured Depth (ft)	Vertical Depth (ft)	Name	Casing Diameter (")	Hole Diameter (")
830.00	830.00	9 5/8"	9-5/8	12-1/4

Formations

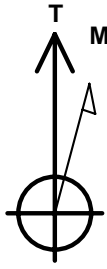
Measured Depth (ft)	Vertical Depth (ft)	Name	Lithology	Dip (°)	Dip Direction (°)
4,181.14	3,648.00	Mesaverde		0.00	
5,157.20	4,558.00	Price Coal		0.00	
5,935.44	5,328.00	Top Gas		0.00	
7,955.45	7,348.00	Rollins		0.00	
8,255.45	7,648.00	TD		0.00	

WELL DETAILS: CB-TG Land 11A-20-692

Ground Level: 0.00
 +N/-S+E/-W Northing Easting Latitude Longitude Slot
 0.00 0.00 1620843.336 2382176.149 31° 3' 10.73" N 104° 24.6876 W

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	
	830.00	0.00	0.00	830.00	0.00	0.00	0.00	0.00	0.00	
	2667.35	45.93	260.10	2476.76	-119.96	-687.50	2.50	260.10	697.89	
	2993.20	45.93	260.10	2703.39	-160.21	-918.15	0.00	0.00	932.02	
	6055.45	0.00	0.00	5448.00	-360.14	2063.98	1.50	180.00	2095.16	
	7648.00	0.00	0.00	7648.00	-360.14	2063.98	0.00	0.00	2095.16	CB-TG Land 11A-20-692 (TD)

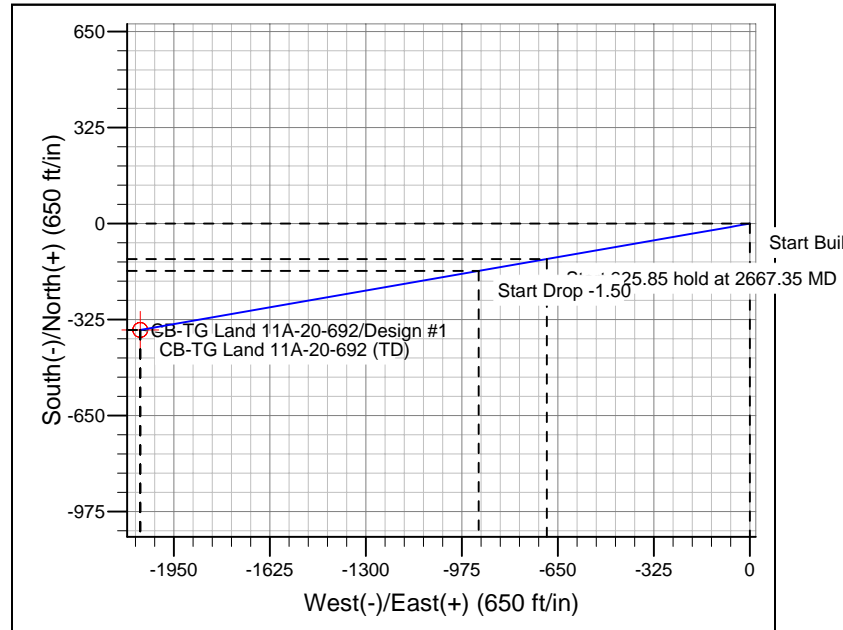
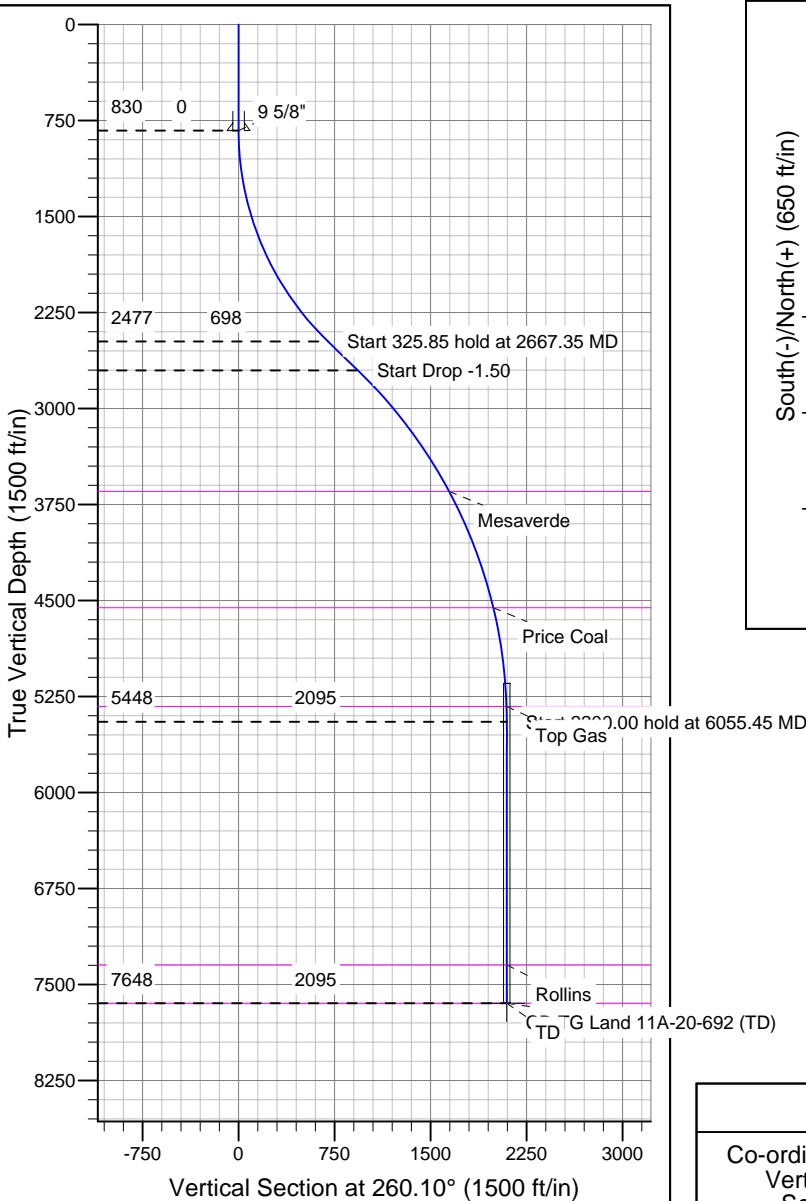


Azimuths to True North
 Magnetic North: 10.42°

Magnetic Field
 Strength: 52398.0snT
 Dip Angle: 65.83°
 Date: 4/16/2010
 Model: BGGM2007

WELLBORE TARGET DETAILS

Name TVD +N/-S +E/-W Shape
 CB-TG Land 11A-20-692 (TD) 2063.98 Circle (Radius: 25.00)



CASING DETAILS

TVD	MD	Name	Size
830.00	830.00	9 5/8"	9-5/8

FORMATION TOP DETAILS

TVDPATH	MDPATH	Formation
3648.00	181.14	Mesaverde
4558.00	157.20	Price Coal
5328.00	935.44	Top Gas
7348.00	955.45	Rollins
7648.00	255.45	TD

REFERENCE INFORMATION

Co-ordinate (N/E) Reference: Well CB-TG Land 11A-20-692, True North
 Vertical (TVD) Reference: WELL @ 5553.00ft (Original Well Elev)
 Section (VS) Reference: Slot - (0.00N, 0.00E)
 Measured Depth Reference: WELL @ 5553.00ft (Original Well Elev)
 Calculation Method: Minimum Curvature