

BILL BARRETT CORP

GARFIELD COUNTY, COLORADO NAD 1983

CB-TG Land NW-20-692

CB-TG Land 11D-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 11D-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 11D-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 11D-20-692		
Well Position	+N/-S	123.11 ft	Northing:
	+E/-W	-34.98 ft	Easting:
Position Uncertainty		0.00 ft	Wellhead Elevation:
			Latitude:
			Longitude:
			Ground Level:

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	BGGM2007	4/16/2010	10.43	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	284.70

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	
835.00	0.00	0.00	835.00	0.00	0.00	0.00	0.00	0.00	0.00	
2,547.32	42.81	284.70	2,392.40	154.87	-590.49	2.50	2.50	0.00	284.70	
3,256.02	42.81	284.70	2,912.33	277.05	-1,056.33	0.00	0.00	0.00	0.00	
6,109.89	0.00	0.00	5,508.00	535.16	-2,040.49	1.50	-1.50	0.00	180.00	
8,309.89	0.00	0.00	7,708.00	535.16	-2,040.49	0.00	0.00	0.00	0.00	0.00 CB-TG Land 11D-2

BBC

Planning Report

Database:	Compass	Local Co-ordinate Reference:	Well CB-TG Land 11D-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 11D-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
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
800.00	0.00	0.00	800.00	0.00	0.00	0.00	0.00	0.00	0.00
835.00	0.00	0.00	835.00	0.00	0.00	0.00	0.00	0.00	0.00
9 5/8"									
900.00	1.62	284.70	899.99	0.23	-0.89	0.92	2.50	2.50	0.00
1,000.00	4.12	284.70	999.86	1.51	-5.74	5.94	2.50	2.50	0.00
1,100.00	6.62	284.70	1,099.41	3.88	-14.80	15.30	2.50	2.50	0.00
1,200.00	9.12	284.70	1,198.46	7.36	-28.05	29.00	2.50	2.50	0.00
1,300.00	11.62	284.70	1,296.82	11.93	-45.47	47.01	2.50	2.50	0.00
1,400.00	14.12	284.70	1,394.29	17.58	-67.03	69.29	2.50	2.50	0.00
1,500.00	16.62	284.70	1,490.71	24.30	-92.67	95.80	2.50	2.50	0.00
1,600.00	19.12	284.70	1,585.87	32.09	-122.36	126.49	2.50	2.50	0.00
1,700.00	21.62	284.70	1,679.61	40.92	-156.03	161.31	2.50	2.50	0.00
1,800.00	24.12	284.70	1,771.74	50.78	-193.63	200.18	2.50	2.50	0.00
1,900.00	26.62	284.70	1,862.08	61.65	-235.08	243.03	2.50	2.50	0.00
2,000.00	29.12	284.70	1,950.47	73.51	-280.30	289.78	2.50	2.50	0.00
2,100.00	31.62	284.70	2,036.74	86.34	-329.21	340.34	2.50	2.50	0.00
2,200.00	34.12	284.70	2,120.72	100.11	-381.71	394.62	2.50	2.50	0.00
2,300.00	36.62	284.70	2,202.25	114.80	-437.70	452.50	2.50	2.50	0.00
2,400.00	39.12	284.70	2,281.18	130.37	-497.08	513.89	2.50	2.50	0.00
2,500.00	41.62	284.70	2,357.36	146.80	-559.74	578.67	2.50	2.50	0.00
2,547.32	42.81	284.70	2,392.40	154.87	-590.49	610.47	2.50	2.50	0.00
2,600.00	42.81	284.70	2,431.05	163.95	-625.12	646.26	0.00	0.00	0.00
2,700.00	42.81	284.70	2,504.41	181.19	-690.85	714.22	0.00	0.00	0.00
2,800.00	42.81	284.70	2,577.77	198.43	-756.58	782.17	0.00	0.00	0.00
2,900.00	42.81	284.70	2,651.14	215.67	-822.31	850.12	0.00	0.00	0.00
3,000.00	42.81	284.70	2,724.50	232.91	-888.04	918.08	0.00	0.00	0.00
3,100.00	42.81	284.70	2,797.87	250.15	-953.77	986.03	0.00	0.00	0.00
3,200.00	42.81	284.70	2,871.23	267.39	-1,019.51	1,053.99	0.00	0.00	0.00
3,256.02	42.81	284.70	2,912.33	277.05	-1,056.33	1,092.06	0.00	0.00	0.00
3,300.00	42.15	284.70	2,944.76	284.58	-1,085.06	1,121.76	1.50	-1.50	0.00
3,400.00	40.65	284.70	3,019.77	301.36	-1,149.02	1,187.88	1.50	-1.50	0.00
3,500.00	39.15	284.70	3,096.49	317.63	-1,211.06	1,252.02	1.50	-1.50	0.00
3,600.00	37.65	284.70	3,174.86	333.39	-1,271.14	1,314.13	1.50	-1.50	0.00
3,700.00	36.15	284.70	3,254.83	348.62	-1,329.22	1,374.17	1.50	-1.50	0.00
3,800.00	34.65	284.70	3,336.34	363.31	-1,385.25	1,432.10	1.50	-1.50	0.00
3,900.00	33.15	284.70	3,419.34	377.46	-1,439.19	1,487.87	1.50	-1.50	0.00
4,000.00	31.65	284.70	3,503.77	391.05	-1,491.02	1,541.45	1.50	-1.50	0.00
4,100.00	30.15	284.70	3,589.58	404.08	-1,540.69	1,592.80	1.50	-1.50	0.00
4,200.00	28.65	284.70	3,676.70	416.53	-1,588.17	1,641.88	1.50	-1.50	0.00
4,235.58	28.11	284.70	3,708.00	420.82	-1,604.53	1,658.79	1.50	-1.50	0.00
Mesaverde									
4,300.00	27.15	284.70	3,765.07	428.40	-1,633.43	1,688.67	1.50	-1.50	0.00
4,400.00	25.65	284.70	3,854.64	439.68	-1,676.43	1,733.13	1.50	-1.50	0.00
4,500.00	24.15	284.70	3,945.35	450.36	-1,717.15	1,775.23	1.50	-1.50	0.00
4,600.00	22.65	284.70	4,037.12	460.44	-1,755.57	1,814.94	1.50	-1.50	0.00

BBC

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Well:	CB-TG Land 11D-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	21.15	284.70	4,129.90	469.90	-1,791.64	1,852.24	1.50	-1.50	0.00
4,800.00	19.65	284.70	4,223.63	478.74	-1,825.35	1,887.09	1.50	-1.50	0.00
4,900.00	18.15	284.70	4,318.24	486.96	-1,856.68	1,919.48	1.50	-1.50	0.00
5,000.00	16.65	284.70	4,413.66	494.54	-1,885.61	1,949.38	1.50	-1.50	0.00
5,100.00	15.15	284.70	4,509.83	501.49	-1,912.10	1,976.77	1.50	-1.50	0.00
5,200.00	13.65	284.70	4,606.69	507.80	-1,936.15	2,001.64	1.50	-1.50	0.00
5,211.64	13.47	284.70	4,618.00	508.49	-1,938.79	2,004.37	1.50	-1.50	0.00
Price Coal									
5,300.00	12.15	284.70	4,704.16	513.46	-1,957.75	2,023.96	1.50	-1.50	0.00
5,400.00	10.65	284.70	4,802.18	518.48	-1,976.86	2,043.72	1.50	-1.50	0.00
5,500.00	9.15	284.70	4,900.69	522.84	-1,993.49	2,060.91	1.50	-1.50	0.00
5,600.00	7.65	284.70	4,999.62	526.54	-2,007.62	2,075.52	1.50	-1.50	0.00
5,700.00	6.15	284.70	5,098.89	529.59	-2,019.23	2,087.53	1.50	-1.50	0.00
5,800.00	4.65	284.70	5,198.44	531.98	-2,028.33	2,096.93	1.50	-1.50	0.00
5,900.00	3.15	284.70	5,298.21	533.70	-2,034.91	2,103.73	1.50	-1.50	0.00
5,909.80	3.00	284.70	5,308.00	533.83	-2,035.42	2,104.26	1.50	-1.50	0.00
Top Gas									
6,000.00	1.65	284.70	5,398.12	534.76	-2,038.96	2,107.92	1.50	-1.50	0.00
6,100.00	0.15	284.70	5,498.11	535.16	-2,040.47	2,109.49	1.50	-1.50	0.00
6,109.89	0.00	0.00	5,508.00	535.16	-2,040.49	2,109.50	1.50	-1.50	0.00
6,200.00	0.00	0.00	5,598.11	535.16	-2,040.49	2,109.50	0.00	0.00	0.00
6,300.00	0.00	0.00	5,698.11	535.16	-2,040.49	2,109.50	0.00	0.00	0.00
6,400.00	0.00	0.00	5,798.11	535.16	-2,040.49	2,109.50	0.00	0.00	0.00
6,500.00	0.00	0.00	5,898.11	535.16	-2,040.49	2,109.50	0.00	0.00	0.00
6,600.00	0.00	0.00	5,998.11	535.16	-2,040.49	2,109.50	0.00	0.00	0.00
6,700.00	0.00	0.00	6,098.11	535.16	-2,040.49	2,109.50	0.00	0.00	0.00
6,800.00	0.00	0.00	6,198.11	535.16	-2,040.49	2,109.50	0.00	0.00	0.00
6,900.00	0.00	0.00	6,298.11	535.16	-2,040.49	2,109.50	0.00	0.00	0.00
7,000.00	0.00	0.00	6,398.11	535.16	-2,040.49	2,109.50	0.00	0.00	0.00
7,100.00	0.00	0.00	6,498.11	535.16	-2,040.49	2,109.50	0.00	0.00	0.00
7,200.00	0.00	0.00	6,598.11	535.16	-2,040.49	2,109.50	0.00	0.00	0.00
7,300.00	0.00	0.00	6,698.11	535.16	-2,040.49	2,109.50	0.00	0.00	0.00
7,400.00	0.00	0.00	6,798.11	535.16	-2,040.49	2,109.50	0.00	0.00	0.00
7,500.00	0.00	0.00	6,898.11	535.16	-2,040.49	2,109.50	0.00	0.00	0.00
7,600.00	0.00	0.00	6,998.11	535.16	-2,040.49	2,109.50	0.00	0.00	0.00
7,700.00	0.00	0.00	7,098.11	535.16	-2,040.49	2,109.50	0.00	0.00	0.00
7,800.00	0.00	0.00	7,198.11	535.16	-2,040.49	2,109.50	0.00	0.00	0.00
7,900.00	0.00	0.00	7,298.11	535.16	-2,040.49	2,109.50	0.00	0.00	0.00
8,000.00	0.00	0.00	7,398.11	535.16	-2,040.49	2,109.50	0.00	0.00	0.00
8,009.89	0.00	0.00	7,408.00	535.16	-2,040.49	2,109.50	0.00	0.00	0.00
Rollins									
8,100.00	0.00	0.00	7,498.11	535.16	-2,040.49	2,109.50	0.00	0.00	0.00
8,200.00	0.00	0.00	7,598.11	535.16	-2,040.49	2,109.50	0.00	0.00	0.00
8,300.00	0.00	0.00	7,698.11	535.16	-2,040.49	2,109.50	0.00	0.00	0.00
8,309.89	0.00	0.00	7,708.00	535.16	-2,040.49	2,109.50	0.00	0.00	0.00
TD									

BBC

Planning Report

Database:	Compass	Local Co-ordinate Reference:	Well CB-TG Land 11D-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 11D-20-692	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #1		

Casing Points

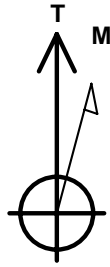
Measured Depth (ft)	Vertical Depth (ft)	Name	Casing Diameter (")	Hole Diameter (")
835.00	835.00	9 5/8"	9-5/8	12-1/4

Formations

Measured Depth (ft)	Vertical Depth (ft)	Name	Lithology	Dip (°)	Dip Direction (°)
4,235.58	3,708.00	Mesaverde		0.00	
5,211.64	4,618.00	Price Coal		0.00	
5,909.80	5,308.00	Top Gas		0.00	
8,009.89	7,408.00	Rollins		0.00	
8,309.89	7,708.00	TD		0.00	

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

Ground Level: 0.00
 +N/-S+E/-W Northing Easting Latitude Longitude Slot
 0.00 0.00 1620920.699 2382155.999 31° 3' 3.932" N 102° 41' 24.9684 W



Azimuths to True North
 Magnetic North: 10.42°

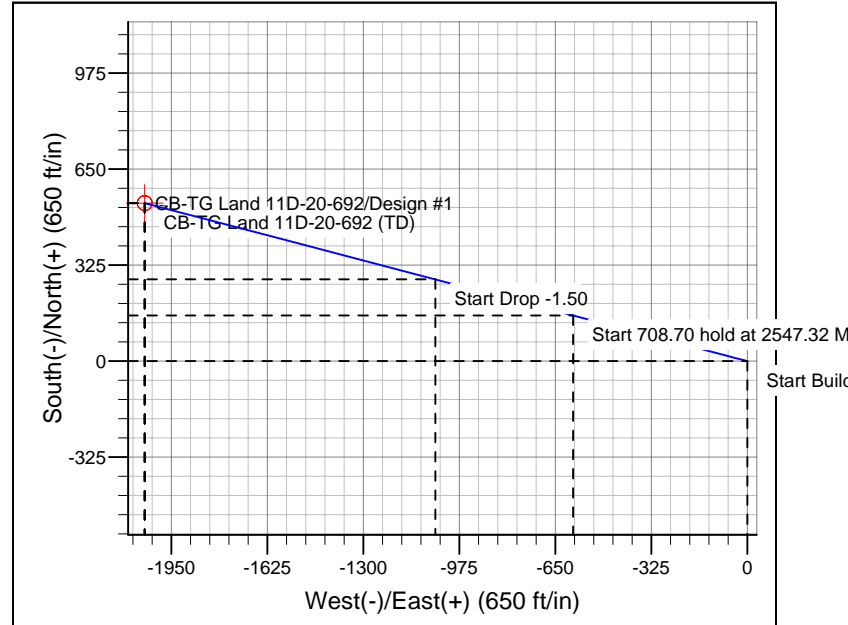
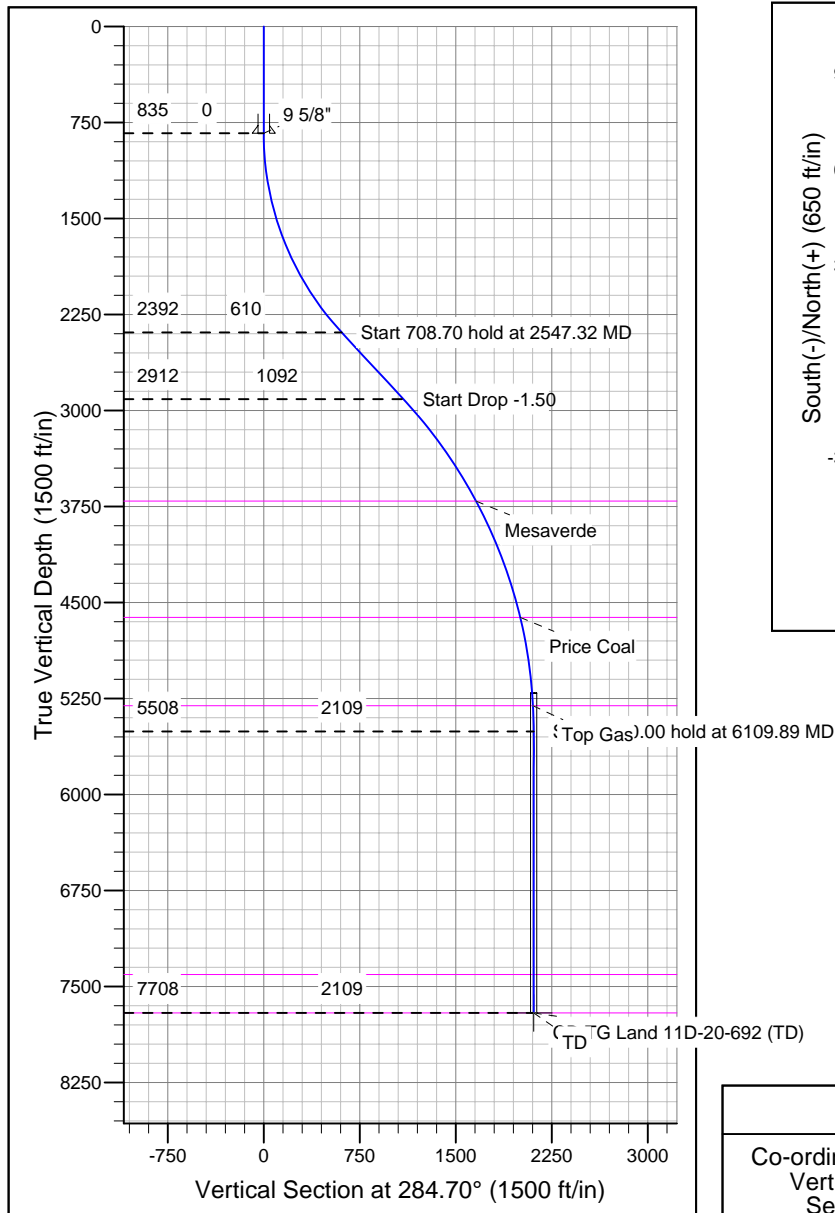
Magnetic Field
 Strength: 52398.1snT
 Dip Angle: 65.83°
 Date: 4/16/2010
 Model: BGGM2007

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	835.00	0.00	0.00	835.00	0.00	0.00	0.00	0.00	0.00	
3	2547.32	42.81	284.70	2392.40	154.87	-590.49	2.50	284.70	610.47	
4	3256.02	42.81	284.70	2912.33	277.05	1056.33	0.00	0.00	092.06	
5	6109.89	0.00	0.00	5508.00	535.16	2040.49	1.50	180.00	2109.50	
6	8309.89	0.00	0.00	7708.00	535.16	2040.49	0.00	0.00	2109.50	CB-TG Land 11D-20-692 (TD)

WELLBORE TARGET DETAILS

Name TVD +N/-S +E/-W Shape
 CB-TG Land 11D-20-692 (TD) 7708.00 535.16 -2040.49 Circle (Radius: 25.00)



CASING DETAILS

TVD MD Name Size
 835.00 835.00 9 5/8" 9-5/8"

FORMATION TOP DETAILS

TVD Path MD Path Formation
 3708.00 4235.58 Mesaverde
 4618.00 5211.64 Price Coal
 5308.00 5909.80 Top Gas
 7408.00 8009.89 Rollins
 7708.00 8309.89 TD

REFERENCE INFORMATION

Co-ordinate (N/E) Reference: Well CB-TG Land 11D-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