

BILL BARRETT CORP

GARFIELD COUNTY, COLORADO NAD 1983

CB-TG Land NW-20-692

CB-TG Land 12D-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 12D-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 12D-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	Latitude:	39° 31' 2.716 N
From:	Lat/Long	Easting:	2,382,188.002 ft	Longitude:	107° 41' 24.5220 W
Position Uncertainty:	0.00 ft	Slot Radius:	"	Grid Convergence:	-1.38 °

Well	CB-TG Land 12D-20-692					
Well Position	+N-S	30.95 ft	Northing:	1,620,827.936 ft	Latitude:	39° 31' 3.021 N
	+E-W	-8.75 ft	Easting:	2,382,180.005 ft	Longitude:	107° 41' 24.6336 W
Position Uncertainty		0.00 ft	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	252.09

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	
2,654.61	45.62	252.09	2,467.87	-211.82	-655.37	2.50	2.50	0.00	252.09	
3,126.86	45.62	252.09	2,798.21	-315.62	-976.52	0.00	0.00	0.00	0.00	
6,167.87	0.00	0.00	5,528.00	-668.65	-2,068.80	1.50	-1.50	0.00	180.00	
8,267.87	0.00	0.00	7,628.00	-668.65	-2,068.80	0.00	0.00	0.00	0.00	CB-TG Land 12D-2

BBC

Planning Report

Database:	Compass	Local Co-ordinate Reference:	Well CB-TG Land 12D-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 12D-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
830.00	0.00	0.00	830.00	0.00	0.00	0.00	0.00	0.00	0.00
9 5/8"									
900.00	1.75	252.09	899.99	-0.33	-1.02	1.07	2.50	2.50	0.00
1,000.00	4.25	252.09	999.84	-1.94	-6.00	6.30	2.50	2.50	0.00
1,100.00	6.75	252.09	1,099.38	-4.89	-15.12	15.89	2.50	2.50	0.00
1,200.00	9.25	252.09	1,198.39	-9.17	-28.36	29.80	2.50	2.50	0.00
1,300.00	11.75	252.09	1,296.71	-14.77	-45.70	48.02	2.50	2.50	0.00
1,400.00	14.25	252.09	1,394.14	-21.69	-67.10	70.52	2.50	2.50	0.00
1,500.00	16.75	252.09	1,490.50	-29.91	-92.53	97.24	2.50	2.50	0.00
1,600.00	19.25	252.09	1,585.60	-39.41	-121.93	128.14	2.50	2.50	0.00
1,700.00	21.75	252.09	1,679.26	-50.18	-155.25	163.16	2.50	2.50	0.00
1,800.00	24.25	252.09	1,771.30	-62.19	-192.43	202.23	2.50	2.50	0.00
1,900.00	26.75	252.09	1,861.55	-75.43	-233.39	245.27	2.50	2.50	0.00
2,000.00	29.25	252.09	1,949.84	-89.87	-278.05	292.22	2.50	2.50	0.00
2,100.00	31.75	252.09	2,035.99	-105.48	-326.34	342.97	2.50	2.50	0.00
2,200.00	34.25	252.09	2,119.85	-122.23	-378.16	397.43	2.50	2.50	0.00
2,300.00	36.75	252.09	2,201.26	-140.08	-433.42	455.49	2.50	2.50	0.00
2,400.00	39.25	252.09	2,280.05	-159.02	-491.99	517.05	2.50	2.50	0.00
2,500.00	41.75	252.09	2,356.09	-178.99	-553.79	581.99	2.50	2.50	0.00
2,600.00	44.25	252.09	2,429.22	-199.96	-618.67	650.19	2.50	2.50	0.00
2,654.61	45.62	252.09	2,467.87	-211.82	-655.37	688.75	2.50	2.50	0.00
2,700.00	45.62	252.09	2,499.63	-221.80	-686.24	721.19	0.00	0.00	0.00
2,800.00	45.62	252.09	2,569.58	-243.78	-754.24	792.66	0.00	0.00	0.00
2,900.00	45.62	252.09	2,639.52	-265.76	-822.24	864.13	0.00	0.00	0.00
3,000.00	45.62	252.09	2,709.47	-287.73	-890.25	935.59	0.00	0.00	0.00
3,100.00	45.62	252.09	2,779.42	-309.71	-958.25	1,007.06	0.00	0.00	0.00
3,126.86	45.62	252.09	2,798.21	-315.62	-976.52	1,026.26	0.00	0.00	0.00
3,200.00	44.52	252.09	2,849.86	-331.54	-1,025.78	1,078.03	1.50	-1.50	0.00
3,300.00	43.02	252.09	2,922.08	-352.81	-1,091.60	1,147.20	1.50	-1.50	0.00
3,400.00	41.52	252.09	2,996.07	-373.50	-1,155.60	1,214.46	1.50	-1.50	0.00
3,500.00	40.02	252.09	3,071.81	-393.58	-1,217.73	1,279.76	1.50	-1.50	0.00
3,600.00	38.52	252.09	3,149.22	-413.05	-1,277.96	1,343.05	1.50	-1.50	0.00
3,700.00	37.02	252.09	3,228.27	-431.88	-1,336.23	1,404.29	1.50	-1.50	0.00
3,800.00	35.52	252.09	3,308.90	-450.07	-1,392.52	1,463.45	1.50	-1.50	0.00
3,900.00	34.02	252.09	3,391.04	-467.61	-1,446.78	1,520.47	1.50	-1.50	0.00
4,000.00	32.52	252.09	3,474.65	-484.48	-1,498.98	1,575.33	1.50	-1.50	0.00
4,100.00	31.02	252.09	3,559.67	-500.67	-1,549.07	1,627.97	1.50	-1.50	0.00
4,179.25	29.83	252.09	3,628.00	-513.01	-1,587.26	1,668.10	1.50	-1.50	0.00
Mesaverde									
4,200.00	29.52	252.09	3,646.03	-516.17	-1,597.03	1,678.38	1.50	-1.50	0.00
4,300.00	28.02	252.09	3,733.69	-530.97	-1,642.83	1,726.50	1.50	-1.50	0.00
4,400.00	26.52	252.09	3,822.57	-545.06	-1,686.42	1,772.32	1.50	-1.50	0.00
4,500.00	25.02	252.09	3,912.62	-558.43	-1,727.78	1,815.79	1.50	-1.50	0.00
4,600.00	23.52	252.09	4,003.78	-571.07	-1,766.89	1,856.89	1.50	-1.50	0.00

BBC

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Well:	CB-TG Land 12D-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	22.02	252.09	4,095.99	-582.97	-1,803.72	1,895.59	1.50	-1.50	0.00
4,800.00	20.52	252.09	4,189.18	-594.13	-1,838.23	1,931.86	1.50	-1.50	0.00
4,900.00	19.02	252.09	4,283.28	-604.53	-1,870.41	1,965.68	1.50	-1.50	0.00
5,000.00	17.52	252.09	4,378.24	-614.17	-1,900.24	1,997.02	1.50	-1.50	0.00
5,100.00	16.02	252.09	4,473.98	-623.04	-1,927.69	2,025.87	1.50	-1.50	0.00
5,166.44	15.02	252.09	4,538.00	-628.51	-1,944.60	2,043.65	1.50	-1.50	0.00
Price Coal									
5,200.00	14.52	252.09	4,570.45	-631.14	-1,952.74	2,052.21	1.50	-1.50	0.00
5,300.00	13.02	252.09	4,667.58	-638.46	-1,975.39	2,076.00	1.50	-1.50	0.00
5,400.00	11.52	252.09	4,765.29	-645.00	-1,995.61	2,097.25	1.50	-1.50	0.00
5,500.00	10.02	252.09	4,863.53	-650.74	-2,013.38	2,115.94	1.50	-1.50	0.00
5,600.00	8.52	252.09	4,962.22	-655.69	-2,028.71	2,132.04	1.50	-1.50	0.00
5,700.00	7.02	252.09	5,061.30	-659.85	-2,041.57	2,145.56	1.50	-1.50	0.00
5,800.00	5.52	252.09	5,160.70	-663.21	-2,051.96	2,156.47	1.50	-1.50	0.00
5,900.00	4.02	252.09	5,260.35	-665.77	-2,059.87	2,164.79	1.50	-1.50	0.00
5,947.75	3.30	252.09	5,308.00	-666.70	-2,062.77	2,167.83	1.50	-1.50	0.00
Top Gas									
6,000.00	2.52	252.09	5,360.18	-667.52	-2,065.29	2,170.49	1.50	-1.50	0.00
6,100.00	1.02	252.09	5,460.13	-668.47	-2,068.23	2,173.57	1.50	-1.50	0.00
6,167.87	0.00	0.00	5,528.00	-668.65	-2,068.80	2,174.18	1.50	-1.50	0.00
6,200.00	0.00	0.00	5,560.13	-668.65	-2,068.80	2,174.18	0.00	0.00	0.00
6,300.00	0.00	0.00	5,660.13	-668.65	-2,068.80	2,174.18	0.00	0.00	0.00
6,400.00	0.00	0.00	5,760.13	-668.65	-2,068.80	2,174.18	0.00	0.00	0.00
6,500.00	0.00	0.00	5,860.13	-668.65	-2,068.80	2,174.18	0.00	0.00	0.00
6,600.00	0.00	0.00	5,960.13	-668.65	-2,068.80	2,174.18	0.00	0.00	0.00
6,700.00	0.00	0.00	6,060.13	-668.65	-2,068.80	2,174.18	0.00	0.00	0.00
6,800.00	0.00	0.00	6,160.13	-668.65	-2,068.80	2,174.18	0.00	0.00	0.00
6,900.00	0.00	0.00	6,260.13	-668.65	-2,068.80	2,174.18	0.00	0.00	0.00
7,000.00	0.00	0.00	6,360.13	-668.65	-2,068.80	2,174.18	0.00	0.00	0.00
7,100.00	0.00	0.00	6,460.13	-668.65	-2,068.80	2,174.18	0.00	0.00	0.00
7,200.00	0.00	0.00	6,560.13	-668.65	-2,068.80	2,174.18	0.00	0.00	0.00
7,300.00	0.00	0.00	6,660.13	-668.65	-2,068.80	2,174.18	0.00	0.00	0.00
7,400.00	0.00	0.00	6,760.13	-668.65	-2,068.80	2,174.18	0.00	0.00	0.00
7,500.00	0.00	0.00	6,860.13	-668.65	-2,068.80	2,174.18	0.00	0.00	0.00
7,600.00	0.00	0.00	6,960.13	-668.65	-2,068.80	2,174.18	0.00	0.00	0.00
7,700.00	0.00	0.00	7,060.13	-668.65	-2,068.80	2,174.18	0.00	0.00	0.00
7,800.00	0.00	0.00	7,160.13	-668.65	-2,068.80	2,174.18	0.00	0.00	0.00
7,900.00	0.00	0.00	7,260.13	-668.65	-2,068.80	2,174.18	0.00	0.00	0.00
7,967.87	0.00	0.00	7,328.00	-668.65	-2,068.80	2,174.18	0.00	0.00	0.00
Rollins									
8,000.00	0.00	0.00	7,360.13	-668.65	-2,068.80	2,174.18	0.00	0.00	0.00
8,100.00	0.00	0.00	7,460.13	-668.65	-2,068.80	2,174.18	0.00	0.00	0.00
8,200.00	0.00	0.00	7,560.13	-668.65	-2,068.80	2,174.18	0.00	0.00	0.00
8,267.87	0.00	0.00	7,628.00	-668.65	-2,068.80	2,174.18	0.00	0.00	0.00
TD									

BBC

Planning Report

Database:	Compass	Local Co-ordinate Reference:	Well CB-TG Land 12D-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 12D-20-692	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #1		

Casing Points

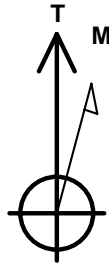
Measured Depth (ft)	Vertical Depth (ft)	Name	Casing Diameter (")	Hole Diameter (")
830.00	830.00	9 5/8"	9-5/8	12-1/4

Formations

Measured Depth (ft)	Vertical Depth (ft)	Name	Lithology	Dip (°)	Dip Direction (°)
4,179.25	3,628.00	Mesaverde		0.00	
5,166.44	4,538.00	Price Coal		0.00	
5,947.75	5,308.00	Top Gas		0.00	
7,967.87	7,328.00	Rollins		0.00	
8,267.87	7,628.00	TD		0.00	

WELL DETAILS: CB-TG Land 12D-20-692

Ground Level: 0.00
 +N/-S+E/-W Northing Easting Latitude Longitude Slot
 0.00 0.00 1620827.936 2382180.000 31° 31' 3.027" N 104° 24.6336 W



Azimuths to True North
 Magnetic North: 10.42°

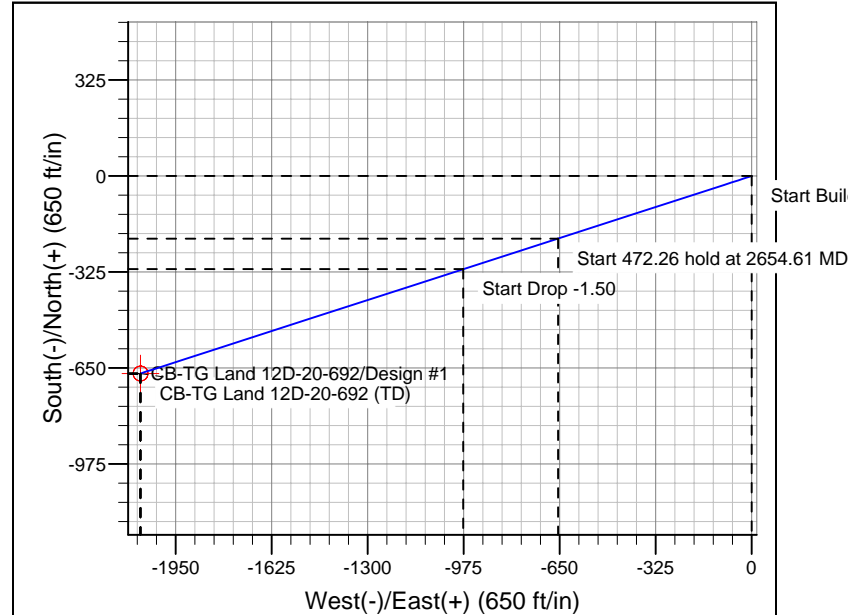
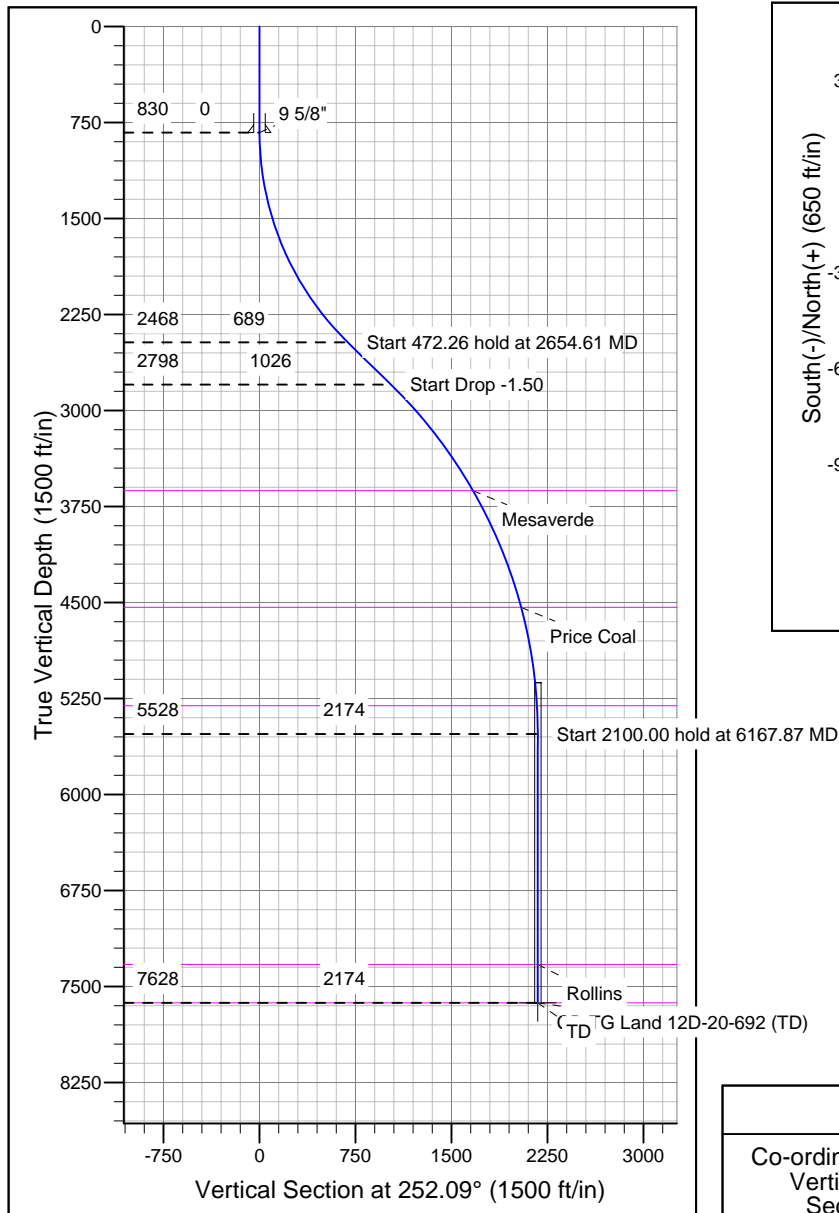
Magnetic Field
 Strength: 52398.0snT
 Dip Angle: 65.83°
 Date: 4/16/2010
 Model: BGGM2007

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	30.00	0.00	0.00	830.00	0.00	0.00	0.00	0.00	0.00	
3	54.61	45.62	252.09	2467.87	-211.82	-655.37	2.50	252.09	688.75	
4	126.86	45.62	252.09	2798.21	-315.62	-976.52	0.00	0.00	026.26	
5	167.87	0.00	0.00	5528.00	-668.65	2068.80	1.50	180.00	2174.18	
6	267.87	0.00	0.00	7628.00	-668.65	2068.80	0.00	0.00	2174.18	CB-TG Land 12D-20-692 (TD)

WELLBORE TARGET DETAILS

Name TVD +N/-S +E/-W Shape
 CB-TG Land 12D-20-692 (TD) -2068.80 Circle (Radius: 25.00)



CASING DETAILS

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

FORMATION TOP DETAILS

TVD Path MD Path Formation
 3628.00 179.25 Mesaverde
 4538.00 166.44 Price Coal
 5308.00 947.75 Top Gas
 7328.00 967.87 Rollins
 7628.00 267.87 TD

REFERENCE INFORMATION

Co-ordinate (N/E) Reference: Well CB-TG Land 12D-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