

BILL BARRETT CORP

GARFIELD COUNTY, COLORADO NAD 1983

CB-TG Land NW-20-692

CB-TG Land 21D-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 21D-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 21D-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 21D-20-692		
Well Position	+N/-S	138.77 ft	Northing:
	+E/-W	-39.50 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	305.24

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	
775.00	0.00	0.00	775.00	0.00	0.00	0.00	0.00	0.00	0.00	
1,318.89	13.60	305.24	1,313.80	37.06	-52.46	2.50	2.50	0.00	305.24	
4,360.34	13.60	305.24	4,270.00	449.64	-636.45	0.00	0.00	0.00	0.00	
5,266.82	0.00	0.00	5,168.00	511.42	-723.89	1.50	-1.50	0.00	180.00	
7,766.82	0.00	0.00	7,668.00	511.42	-723.89	0.00	0.00	0.00	0.00	CB-TG Land 21D-2

BBC

Planning Report

Database:	Compass	Local Co-ordinate Reference:	Well CB-TG Land 21D-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 21D-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
775.00	0.00	0.00	775.00	0.00	0.00	0.00	0.00	0.00	0.00
9 5/8"									
800.00	0.62	305.24	800.00	0.08	-0.11	0.14	2.50	2.50	0.00
900.00	3.12	305.24	899.94	1.97	-2.78	3.41	2.50	2.50	0.00
1,000.00	5.62	305.24	999.64	6.37	-9.01	11.04	2.50	2.50	0.00
1,100.00	8.12	305.24	1,098.91	13.27	-18.79	23.01	2.50	2.50	0.00
1,200.00	10.62	305.24	1,197.57	22.67	-32.09	39.29	2.50	2.50	0.00
1,300.00	13.12	305.24	1,295.42	34.55	-48.90	59.87	2.50	2.50	0.00
1,318.89	13.60	305.24	1,313.80	37.06	-52.46	64.23	2.50	2.50	0.00
1,400.00	13.60	305.24	1,392.64	48.07	-68.04	83.30	0.00	0.00	0.00
1,500.00	13.60	305.24	1,489.83	61.63	-87.24	106.81	0.00	0.00	0.00
1,600.00	13.60	305.24	1,587.03	75.20	-106.44	130.32	0.00	0.00	0.00
1,700.00	13.60	305.24	1,684.23	88.76	-125.64	153.83	0.00	0.00	0.00
1,800.00	13.60	305.24	1,781.42	102.33	-144.84	177.34	0.00	0.00	0.00
1,900.00	13.60	305.24	1,878.62	115.89	-164.04	200.85	0.00	0.00	0.00
2,000.00	13.60	305.24	1,975.82	129.46	-183.24	224.36	0.00	0.00	0.00
2,100.00	13.60	305.24	2,073.02	143.02	-202.44	247.87	0.00	0.00	0.00
2,200.00	13.60	305.24	2,170.21	156.59	-221.64	271.38	0.00	0.00	0.00
2,300.00	13.60	305.24	2,267.41	170.15	-240.85	294.89	0.00	0.00	0.00
2,400.00	13.60	305.24	2,364.61	183.72	-260.05	318.40	0.00	0.00	0.00
2,500.00	13.60	305.24	2,461.81	197.28	-279.25	341.91	0.00	0.00	0.00
2,600.00	13.60	305.24	2,559.00	210.85	-298.45	365.42	0.00	0.00	0.00
2,700.00	13.60	305.24	2,656.20	224.41	-317.65	388.93	0.00	0.00	0.00
2,800.00	13.60	305.24	2,753.40	237.98	-336.85	412.44	0.00	0.00	0.00
2,900.00	13.60	305.24	2,850.59	251.54	-356.05	435.94	0.00	0.00	0.00
3,000.00	13.60	305.24	2,947.79	265.11	-375.25	459.45	0.00	0.00	0.00
3,100.00	13.60	305.24	3,044.99	278.68	-394.45	482.96	0.00	0.00	0.00
3,200.00	13.60	305.24	3,142.19	292.24	-413.65	506.47	0.00	0.00	0.00
3,300.00	13.60	305.24	3,239.38	305.81	-432.86	529.98	0.00	0.00	0.00
3,400.00	13.60	305.24	3,336.58	319.37	-452.06	553.49	0.00	0.00	0.00
3,500.00	13.60	305.24	3,433.78	332.94	-471.26	577.00	0.00	0.00	0.00
3,600.00	13.60	305.24	3,530.98	346.50	-490.46	600.51	0.00	0.00	0.00
3,700.00	13.60	305.24	3,628.17	360.07	-509.66	624.02	0.00	0.00	0.00
3,782.13	13.60	305.24	3,708.00	371.21	-525.43	643.33	0.00	0.00	0.00
Mesaverde									
3,800.00	13.60	305.24	3,725.37	373.63	-528.86	647.53	0.00	0.00	0.00
3,900.00	13.60	305.24	3,822.57	387.20	-548.06	671.04	0.00	0.00	0.00
4,000.00	13.60	305.24	3,919.76	400.76	-567.26	694.55	0.00	0.00	0.00
4,100.00	13.60	305.24	4,016.96	414.33	-586.46	718.06	0.00	0.00	0.00
4,200.00	13.60	305.24	4,114.16	427.89	-605.66	741.57	0.00	0.00	0.00
4,300.00	13.60	305.24	4,211.36	441.46	-624.87	765.08	0.00	0.00	0.00
4,360.34	13.60	305.24	4,270.00	449.64	-636.45	779.26	0.00	0.00	0.00
4,400.00	13.00	305.24	4,308.60	454.91	-643.90	788.39	1.50	-1.50	0.00
4,500.00	11.50	305.24	4,406.32	467.15	-661.24	809.61	1.50	-1.50	0.00
4,600.00	10.00	305.24	4,504.56	477.92	-676.47	828.26	1.50	-1.50	0.00

BBC

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Well:	CB-TG Land 21D-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	8.50	305.24	4,603.26	487.19	-689.60	844.34	1.50	-1.50	0.00
4,725.00	8.13	305.24	4,628.00	489.28	-692.56	847.96	1.50	-1.50	0.00
Price Coal									
4,800.00	7.00	305.24	4,702.34	494.98	-700.62	857.83	1.50	-1.50	0.00
4,900.00	5.50	305.24	4,801.74	501.26	-709.51	868.72	1.50	-1.50	0.00
5,000.00	4.00	305.24	4,901.40	506.04	-716.28	877.00	1.50	-1.50	0.00
5,100.00	2.50	305.24	5,001.23	509.31	-720.91	882.68	1.50	-1.50	0.00
5,200.00	1.00	305.24	5,101.18	511.08	-723.41	885.73	1.50	-1.50	0.00
5,266.82	0.00	0.00	5,168.00	511.42	-723.89	886.32	1.50	-1.50	0.00
5,300.00	0.00	0.00	5,201.18	511.42	-723.89	886.32	0.00	0.00	0.00
5,400.00	0.00	0.00	5,301.18	511.42	-723.89	886.32	0.00	0.00	0.00
5,406.82	0.00	0.00	5,308.00	511.42	-723.89	886.32	0.00	0.00	0.00
Top Gas									
5,500.00	0.00	0.00	5,401.18	511.42	-723.89	886.32	0.00	0.00	0.00
5,600.00	0.00	0.00	5,501.18	511.42	-723.89	886.32	0.00	0.00	0.00
5,700.00	0.00	0.00	5,601.18	511.42	-723.89	886.32	0.00	0.00	0.00
5,800.00	0.00	0.00	5,701.18	511.42	-723.89	886.32	0.00	0.00	0.00
5,900.00	0.00	0.00	5,801.18	511.42	-723.89	886.32	0.00	0.00	0.00
6,000.00	0.00	0.00	5,901.18	511.42	-723.89	886.32	0.00	0.00	0.00
6,100.00	0.00	0.00	6,001.18	511.42	-723.89	886.32	0.00	0.00	0.00
6,200.00	0.00	0.00	6,101.18	511.42	-723.89	886.32	0.00	0.00	0.00
6,300.00	0.00	0.00	6,201.18	511.42	-723.89	886.32	0.00	0.00	0.00
6,400.00	0.00	0.00	6,301.18	511.42	-723.89	886.32	0.00	0.00	0.00
6,500.00	0.00	0.00	6,401.18	511.42	-723.89	886.32	0.00	0.00	0.00
6,600.00	0.00	0.00	6,501.18	511.42	-723.89	886.32	0.00	0.00	0.00
6,700.00	0.00	0.00	6,601.18	511.42	-723.89	886.32	0.00	0.00	0.00
6,800.00	0.00	0.00	6,701.18	511.42	-723.89	886.32	0.00	0.00	0.00
6,900.00	0.00	0.00	6,801.18	511.42	-723.89	886.32	0.00	0.00	0.00
7,000.00	0.00	0.00	6,901.18	511.42	-723.89	886.32	0.00	0.00	0.00
7,100.00	0.00	0.00	7,001.18	511.42	-723.89	886.32	0.00	0.00	0.00
7,200.00	0.00	0.00	7,101.18	511.42	-723.89	886.32	0.00	0.00	0.00
7,300.00	0.00	0.00	7,201.18	511.42	-723.89	886.32	0.00	0.00	0.00
7,400.00	0.00	0.00	7,301.18	511.42	-723.89	886.32	0.00	0.00	0.00
7,486.82	0.00	0.00	7,388.00	511.42	-723.89	886.32	0.00	0.00	0.00
Rollins									
7,500.00	0.00	0.00	7,401.18	511.42	-723.89	886.32	0.00	0.00	0.00
7,600.00	0.00	0.00	7,501.18	511.42	-723.89	886.32	0.00	0.00	0.00
7,700.00	0.00	0.00	7,601.18	511.42	-723.89	886.32	0.00	0.00	0.00
7,766.82	0.00	0.00	7,668.00	511.42	-723.89	886.32	0.00	0.00	0.00

Casing Points

Measured Depth (ft)	Vertical Depth (ft)	Name	Casing Diameter (")	Hole Diameter (")
775.00	775.00	9 5/8"	9-5/8	12-1/4

BBC

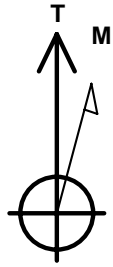
Planning Report

Database:	Compass	Local Co-ordinate Reference:	Well CB-TG Land 21D-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 21D-20-692	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #1		

Formations						
Measured Depth (ft)	Vertical Depth (ft)	Name	Lithology	Dip (°)	Dip Direction (°)	
3,782.13	3,708.00	Mesaverde		0.00		
4,725.00	4,628.00	Price Coal		0.00		
5,406.82	5,308.00	Top Gas		0.00		
7,486.82	7,388.00	Rollins		0.00		
	7,688.00	TD		0.00		

WELL DETAILS: CB-TG Land 21D-20-692

Ground Level: 0.00
 +N/-S+E/-W Northing Easting Latitude Longitude Slot
 0.00 0.00 1620936.466 2382151.869 31° 4.087' N 105° 25.0260 W



Azimuths to True North
 Magnetic North: 10.42°

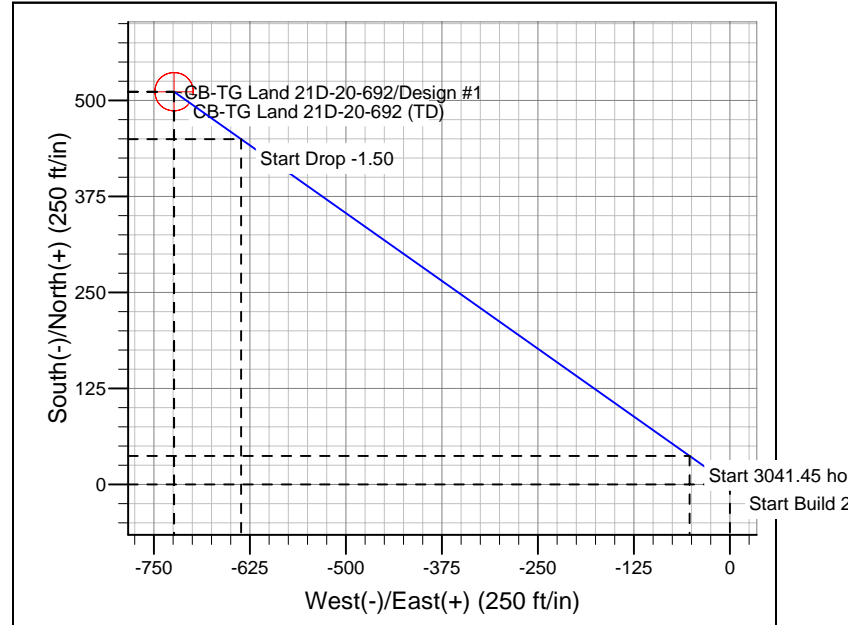
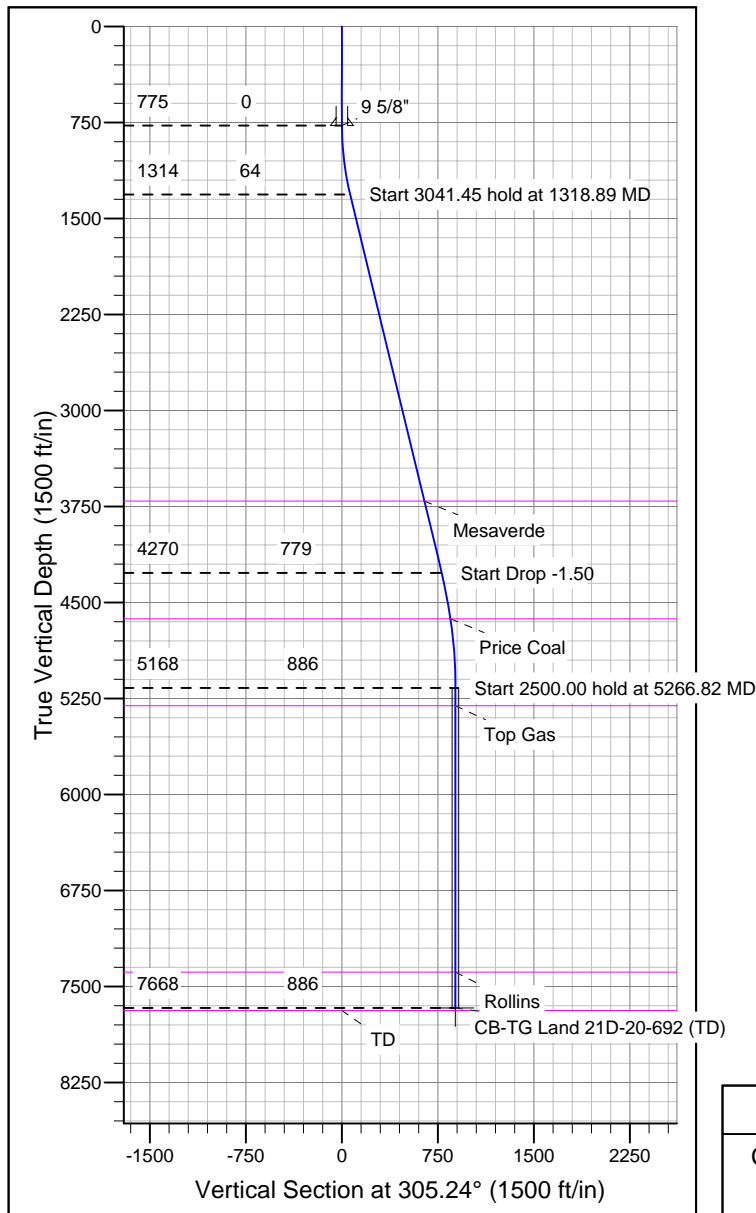
Magnetic Field
 Strength: 52398.2snT
 Dip Angle: 65.83°
 Date: 4/16/2010
 Model: BGGM2007

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	
	2775.00	0.00	0.00	775.00	0.00	0.00	0.00	0.00	0.00	
	1318.89	13.60	305.24	1313.80	37.06	-52.46	2.50	305.24	64.23	
	4360.34	13.60	305.24	4270.00	449.64	-636.45	0.00	0.00	779.26	
	5266.82	0.00	0.00	5168.00	511.42	-723.89	1.50	180.00	886.32	
	7666.82	0.00	0.00	7668.00	511.42	-723.89	0.00	0.00	886.32	CB-TG Land 21D-20-692 (TD)

WELLBORE TARGET DETAILS

Name TVD +N/-S +E/-W Shape
 CB-TG Land 21D-20-692 (TD) 7668.00 511.42 -723.89 Circle (Radius: 25.00)



CASING DETAILS

TVD MD Name Size
 775.00 775.00 9 5/8" 9-5/8"

FORMATION TOP DETAILS

TVD	MD	Formation
3708.00	3782.13	Mesaverde
4628.00	4725.00	Price Coal
5308.00	5406.82	Top Gas
7388.00	7486.82	Rollins

REFERENCE INFORMATION

Co-ordinate (N/E) Reference: Well CB-TG Land 21D-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