

BILL BARRETT CORP

GARFIELD COUNTY, COLORADO NAD 1983

CB-TG Land NW-20-692

CB-TG Land 21C-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 21C-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 21C-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: From: Position Uncertainty:			Lat/Long 0.00 ft			Northing:		1,620,796.787 ft		Latitude:		39° 31' 2.716 N	
						Easting:		2,382,188.002 ft		Longitude:		107° 41' 24.5220 W	
						Slot Radius:		"		Grid Convergence:		-1.38 °	

Well	CB-TG Land 21C-20-692					
Well Position	+N-S	107.81 ft	Northing:	1,620,905.304 ft	Latitude:	39° 31' 3.781 N
	+E-W	-30.75 ft	Easting:	2,382,159.860 ft	Longitude:	107° 41' 24.9144 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	10.43	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	283.68

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	
1,225.37	11.26	283.68	1,222.48	10.43	-42.86	2.50	2.50	0.00	283.68	
4,487.89	11.26	283.68	4,422.21	161.11	-661.78	0.00	0.00	0.00	0.00	
5,238.51	0.00	0.00	5,168.00	178.50	-733.21	1.50	-1.50	0.00	180.00	
7,738.51	0.00	0.00	7,668.00	178.50	-733.21	0.00	0.00	0.00	0.00	CB-TG Land 21C-2

BBC

Planning Report

Database:	Compass	Local Co-ordinate Reference:	Well CB-TG Land 21C-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 21C-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	283.68	800.00	0.03	-0.13	0.14	2.50	2.50	0.00
900.00	3.12	283.68	899.94	0.81	-3.31	3.41	2.50	2.50	0.00
1,000.00	5.62	283.68	999.64	2.61	-10.72	11.04	2.50	2.50	0.00
1,100.00	8.12	283.68	1,098.91	5.44	-22.35	23.01	2.50	2.50	0.00
1,200.00	10.62	283.68	1,197.57	9.29	-38.18	39.29	2.50	2.50	0.00
1,225.37	11.26	283.68	1,222.48	10.43	-42.86	44.11	2.50	2.50	0.00
1,300.00	11.26	283.68	1,295.67	13.88	-57.02	58.68	0.00	0.00	0.00
1,400.00	11.26	283.68	1,393.75	18.50	-75.99	78.21	0.00	0.00	0.00
1,500.00	11.26	283.68	1,491.82	23.12	-94.96	97.73	0.00	0.00	0.00
1,600.00	11.26	283.68	1,589.90	27.74	-113.93	117.25	0.00	0.00	0.00
1,700.00	11.26	283.68	1,687.97	32.35	-132.90	136.78	0.00	0.00	0.00
1,800.00	11.26	283.68	1,786.05	36.97	-151.87	156.30	0.00	0.00	0.00
1,900.00	11.26	283.68	1,884.12	41.59	-170.84	175.83	0.00	0.00	0.00
2,000.00	11.26	283.68	1,982.20	46.21	-189.81	195.35	0.00	0.00	0.00
2,100.00	11.26	283.68	2,080.27	50.83	-208.78	214.88	0.00	0.00	0.00
2,200.00	11.26	283.68	2,178.35	55.45	-227.75	234.40	0.00	0.00	0.00
2,300.00	11.26	283.68	2,276.42	60.06	-246.72	253.93	0.00	0.00	0.00
2,400.00	11.26	283.68	2,374.50	64.68	-265.69	273.45	0.00	0.00	0.00
2,500.00	11.26	283.68	2,472.58	69.30	-284.66	292.98	0.00	0.00	0.00
2,600.00	11.26	283.68	2,570.65	73.92	-303.63	312.50	0.00	0.00	0.00
2,700.00	11.26	283.68	2,668.73	78.54	-322.61	332.03	0.00	0.00	0.00
2,800.00	11.26	283.68	2,766.80	83.16	-341.58	351.55	0.00	0.00	0.00
2,900.00	11.26	283.68	2,864.88	87.77	-360.55	371.08	0.00	0.00	0.00
3,000.00	11.26	283.68	2,962.95	92.39	-379.52	390.60	0.00	0.00	0.00
3,100.00	11.26	283.68	3,061.03	97.01	-398.49	410.13	0.00	0.00	0.00
3,200.00	11.26	283.68	3,159.10	101.63	-417.46	429.65	0.00	0.00	0.00
3,300.00	11.26	283.68	3,257.18	106.25	-436.43	449.18	0.00	0.00	0.00
3,400.00	11.26	283.68	3,355.25	110.87	-455.40	468.70	0.00	0.00	0.00
3,500.00	11.26	283.68	3,453.33	115.48	-474.37	488.23	0.00	0.00	0.00
3,600.00	11.26	283.68	3,551.40	120.10	-493.34	507.75	0.00	0.00	0.00
3,700.00	11.26	283.68	3,649.48	124.72	-512.31	527.28	0.00	0.00	0.00
3,739.28	11.26	283.68	3,688.00	126.54	-519.76	534.94	0.00	0.00	0.00
Mesaverde									
3,800.00	11.26	283.68	3,747.56	129.34	-531.28	546.80	0.00	0.00	0.00
3,900.00	11.26	283.68	3,845.63	133.96	-550.25	566.32	0.00	0.00	0.00
4,000.00	11.26	283.68	3,943.71	138.58	-569.22	585.85	0.00	0.00	0.00
4,100.00	11.26	283.68	4,041.78	143.19	-588.20	605.37	0.00	0.00	0.00
4,200.00	11.26	283.68	4,139.86	147.81	-607.17	624.90	0.00	0.00	0.00
4,300.00	11.26	283.68	4,237.93	152.43	-626.14	644.42	0.00	0.00	0.00
4,400.00	11.26	283.68	4,336.01	157.05	-645.11	663.95	0.00	0.00	0.00
4,487.89	11.26	283.68	4,422.21	161.11	-661.78	681.11	0.00	0.00	0.00
4,500.00	11.08	283.68	4,434.09	161.66	-664.06	683.45	1.50	-1.50	0.00
4,600.00	9.58	283.68	4,532.46	165.90	-681.48	701.38	1.50	-1.50	0.00

BBC

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Well:	CB-TG Land 21C-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)
4,676.48	8.43	283.68	4,608.00	168.74	-693.11	713.35	1.50	-1.50	0.00
Price Coal									
4,700.00	8.08	283.68	4,631.28	169.53	-696.39	716.73	1.50	-1.50	0.00
4,800.00	6.58	283.68	4,730.46	172.55	-708.78	729.48	1.50	-1.50	0.00
4,900.00	5.08	283.68	4,829.94	174.95	-718.65	739.63	1.50	-1.50	0.00
5,000.00	3.58	283.68	4,929.65	176.74	-725.98	747.18	1.50	-1.50	0.00
5,100.00	2.08	283.68	5,029.52	177.90	-730.77	752.11	1.50	-1.50	0.00
5,200.00	0.58	283.68	5,129.50	178.45	-733.02	754.43	1.50	-1.50	0.00
5,238.51	0.00	0.00	5,168.00	178.50	-733.21	754.62	1.50	-1.50	0.00
5,300.00	0.00	0.00	5,229.49	178.50	-733.21	754.62	0.00	0.00	0.00
5,398.51	0.00	0.00	5,328.00	178.50	-733.21	754.62	0.00	0.00	0.00
Top Gas									
5,400.00	0.00	0.00	5,329.49	178.50	-733.21	754.62	0.00	0.00	0.00
5,500.00	0.00	0.00	5,429.49	178.50	-733.21	754.62	0.00	0.00	0.00
5,600.00	0.00	0.00	5,529.49	178.50	-733.21	754.62	0.00	0.00	0.00
5,700.00	0.00	0.00	5,629.49	178.50	-733.21	754.62	0.00	0.00	0.00
5,800.00	0.00	0.00	5,729.49	178.50	-733.21	754.62	0.00	0.00	0.00
5,900.00	0.00	0.00	5,829.49	178.50	-733.21	754.62	0.00	0.00	0.00
6,000.00	0.00	0.00	5,929.49	178.50	-733.21	754.62	0.00	0.00	0.00
6,100.00	0.00	0.00	6,029.49	178.50	-733.21	754.62	0.00	0.00	0.00
6,200.00	0.00	0.00	6,129.49	178.50	-733.21	754.62	0.00	0.00	0.00
6,300.00	0.00	0.00	6,229.49	178.50	-733.21	754.62	0.00	0.00	0.00
6,400.00	0.00	0.00	6,329.49	178.50	-733.21	754.62	0.00	0.00	0.00
6,500.00	0.00	0.00	6,429.49	178.50	-733.21	754.62	0.00	0.00	0.00
6,600.00	0.00	0.00	6,529.49	178.50	-733.21	754.62	0.00	0.00	0.00
6,700.00	0.00	0.00	6,629.49	178.50	-733.21	754.62	0.00	0.00	0.00
6,800.00	0.00	0.00	6,729.49	178.50	-733.21	754.62	0.00	0.00	0.00
6,900.00	0.00	0.00	6,829.49	178.50	-733.21	754.62	0.00	0.00	0.00
7,000.00	0.00	0.00	6,929.49	178.50	-733.21	754.62	0.00	0.00	0.00
7,100.00	0.00	0.00	7,029.49	178.50	-733.21	754.62	0.00	0.00	0.00
7,200.00	0.00	0.00	7,129.49	178.50	-733.21	754.62	0.00	0.00	0.00
7,300.00	0.00	0.00	7,229.49	178.50	-733.21	754.62	0.00	0.00	0.00
7,400.00	0.00	0.00	7,329.49	178.50	-733.21	754.62	0.00	0.00	0.00
7,438.51	0.00	0.00	7,368.00	178.50	-733.21	754.62	0.00	0.00	0.00
Rollins									
7,500.00	0.00	0.00	7,429.49	178.50	-733.21	754.62	0.00	0.00	0.00
7,600.00	0.00	0.00	7,529.49	178.50	-733.21	754.62	0.00	0.00	0.00
7,700.00	0.00	0.00	7,629.49	178.50	-733.21	754.62	0.00	0.00	0.00
7,738.51	0.00	0.00	7,668.00	178.50	-733.21	754.62	0.00	0.00	0.00
TD									

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

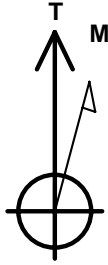
Planning Report

Database:	Compass	Local Co-ordinate Reference:	Well CB-TG Land 21C-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 21C-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 (°)	
3,739.28	3,688.00	Mesaverde		0.00		
4,676.48	4,608.00	Price Coal		0.00		
5,398.51	5,328.00	Top Gas		0.00		
7,438.51	7,368.00	Rollins		0.00		
7,738.51	7,668.00	TD		0.00		

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

Ground Level: 0.00
 +N/-S+E/-W Northing Easting Latitude Longitude Slot
 0.00 0.00 1620905.304 2382159.869 31° 3' 37.14" N 101° 24.9144 W



Azimuths to True North
 Magnetic North: 10.42°

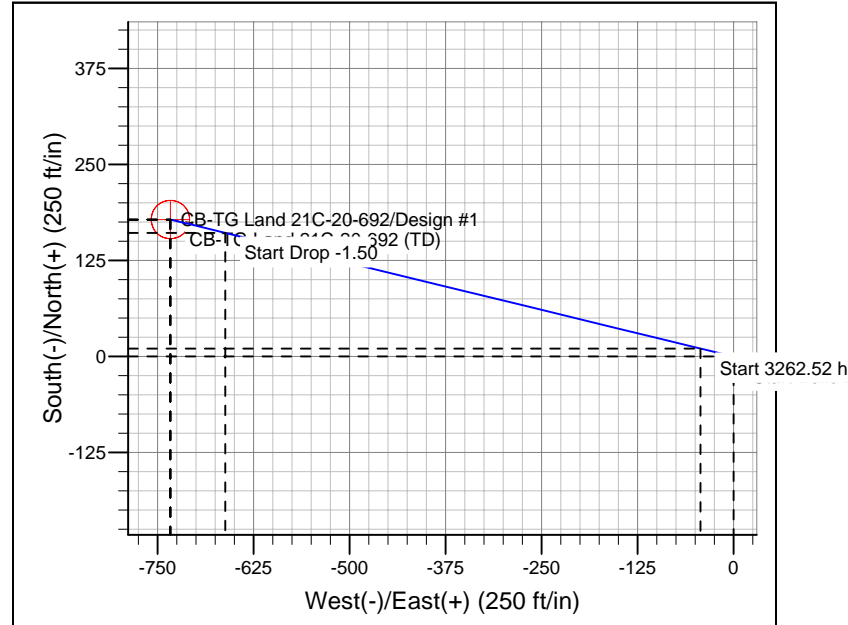
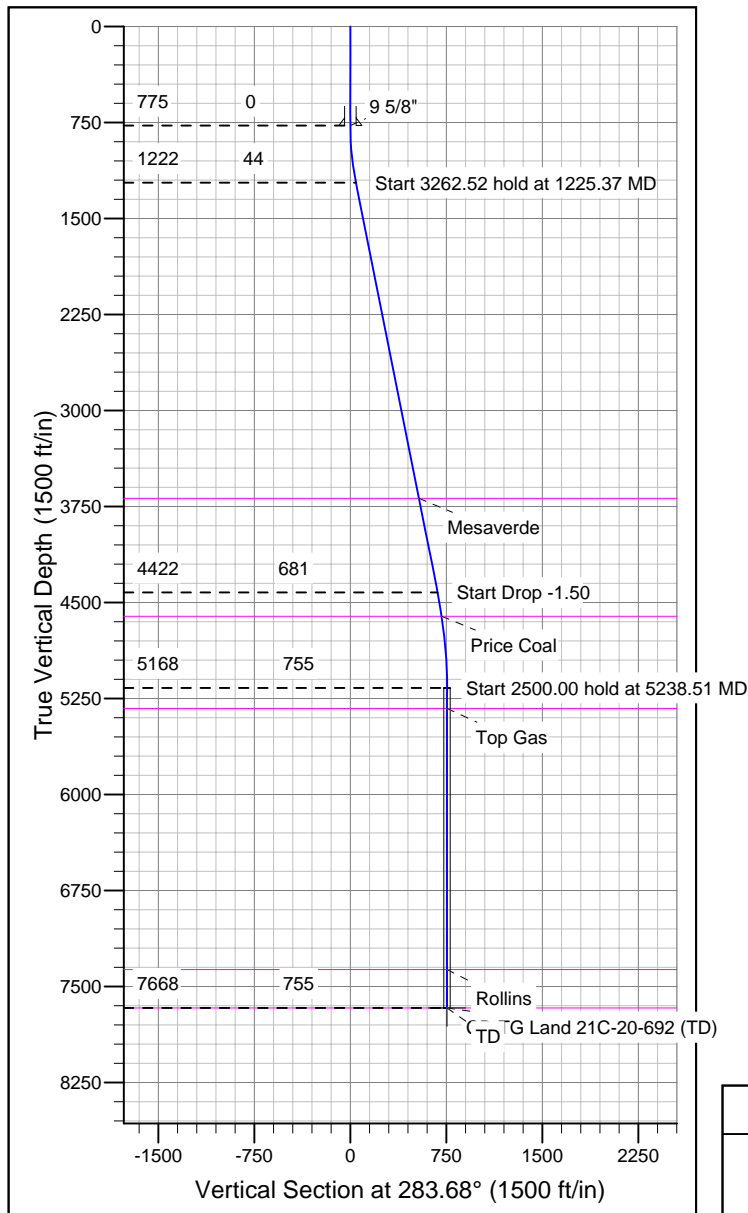
Magnetic Field
 Strength: 52398.1snT
 Dip Angle: 65.83°
 Date: 4/16/2010
 Model: BGGM2007

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	
	2775.00	0.00	0.00	775.00	0.00	0.00	0.00	0.00	0.00	
	1225.37	11.26	283.68	1222.48	10.43	-42.86	2.50	283.68	44.11	
	4487.89	11.26	283.68	4422.21	161.11	-661.78	0.00	0.00	681.11	
	5238.51	0.00	0.00	5168.00	178.50	-733.21	1.50	180.00	754.62	
	738.51	0.00	0.00	7668.00	178.50	-733.21	0.00	0.00	754.62	CB-TG Land 21C-20-692 (TD)

WELLBORE TARGET DETAILS

Name TVD +N/-S +E/-W Shape
 CB-TG Land 21C-20-692 (TD) 7668.00 178.50 -733.21 Circle (Radius: 25.00)



CASING DETAILS

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

FORMATION TOP DETAILS

TVD Pat MD Path Formation
 3688.00 3739.28 Mesaverde
 4608.00 4676.48 Price Coal
 5328.00 5398.51 Top Gas
 7368.00 7438.51 Rollins
 7668.00 7738.51 TD

REFERENCE INFORMATION

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