

BILL BARRETT CORP

GARFIELD COUNTY, COLORADO NAD 1983

CB-TG Land NW-20-692

CB-TG Land 21B-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 21B-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 21B-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 21B-20-692		
Well Position	+N/-S	61.55 ft	Northing:
	+E/-W	-17.49 ft	Easting:
Position Uncertainty		0.00 ft	Wellhead Elevation:
			ft
			Latitude:
			39° 31' 3.324 N
			Longitude:
			107° 41' 24.7452 W
			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	259.42

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	
1,231.84	11.42	259.42	1,228.82	-8.33	-44.61	2.50	2.50	0.00	259.42	
4,458.55	11.42	259.42	4,391.64	-125.60	-672.69	0.00	0.00	0.00	0.00	
5,219.94	0.00	0.00	5,148.00	-139.49	-747.04	1.50	-1.50	0.00	180.00	
7,719.94	0.00	0.00	7,648.00	-139.49	-747.04	0.00	0.00	0.00	0.00	CB-TG Land 21B-2

BBC

Planning Report

Database:	Compass	Local Co-ordinate Reference:	Well CB-TG Land 21B-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 21B-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	259.42	800.00	-0.03	-0.13	0.14	2.50	2.50	0.00
900.00	3.12	259.42	899.94	-0.63	-3.35	3.41	2.50	2.50	0.00
1,000.00	5.62	259.42	999.64	-2.03	-10.85	11.04	2.50	2.50	0.00
1,100.00	8.12	259.42	1,098.91	-4.22	-22.61	23.01	2.50	2.50	0.00
1,200.00	10.62	259.42	1,197.57	-7.21	-38.63	39.29	2.50	2.50	0.00
1,231.84	11.42	259.42	1,228.82	-8.33	-44.61	45.38	2.50	2.50	0.00
1,300.00	11.42	259.42	1,295.63	-10.81	-57.88	58.88	0.00	0.00	0.00
1,400.00	11.42	259.42	1,393.65	-14.44	-77.34	78.68	0.00	0.00	0.00
1,500.00	11.42	259.42	1,491.67	-18.08	-96.81	98.48	0.00	0.00	0.00
1,600.00	11.42	259.42	1,589.69	-21.71	-116.27	118.28	0.00	0.00	0.00
1,700.00	11.42	259.42	1,687.71	-25.34	-135.74	138.08	0.00	0.00	0.00
1,800.00	11.42	259.42	1,785.73	-28.98	-155.20	157.89	0.00	0.00	0.00
1,900.00	11.42	259.42	1,883.75	-32.61	-174.67	177.69	0.00	0.00	0.00
2,000.00	11.42	259.42	1,981.77	-36.25	-194.13	197.49	0.00	0.00	0.00
2,100.00	11.42	259.42	2,079.79	-39.88	-213.60	217.29	0.00	0.00	0.00
2,200.00	11.42	259.42	2,177.81	-43.52	-233.06	237.09	0.00	0.00	0.00
2,300.00	11.42	259.42	2,275.83	-47.15	-252.53	256.89	0.00	0.00	0.00
2,400.00	11.42	259.42	2,373.85	-50.79	-271.99	276.69	0.00	0.00	0.00
2,500.00	11.42	259.42	2,471.87	-54.42	-291.46	296.50	0.00	0.00	0.00
2,600.00	11.42	259.42	2,569.89	-58.05	-310.92	316.30	0.00	0.00	0.00
2,700.00	11.42	259.42	2,667.91	-61.69	-330.39	336.10	0.00	0.00	0.00
2,800.00	11.42	259.42	2,765.93	-65.32	-349.85	355.90	0.00	0.00	0.00
2,900.00	11.42	259.42	2,863.95	-68.96	-369.32	375.70	0.00	0.00	0.00
3,000.00	11.42	259.42	2,961.97	-72.59	-388.79	395.50	0.00	0.00	0.00
3,100.00	11.42	259.42	3,059.99	-76.23	-408.25	415.31	0.00	0.00	0.00
3,200.00	11.42	259.42	3,158.01	-79.86	-427.72	435.11	0.00	0.00	0.00
3,300.00	11.42	259.42	3,256.03	-83.50	-447.18	454.91	0.00	0.00	0.00
3,400.00	11.42	259.42	3,354.05	-87.13	-466.65	474.71	0.00	0.00	0.00
3,500.00	11.42	259.42	3,452.07	-90.76	-486.11	494.51	0.00	0.00	0.00
3,600.00	11.42	259.42	3,550.09	-94.40	-505.58	514.31	0.00	0.00	0.00
3,700.00	11.42	259.42	3,648.11	-98.03	-525.04	534.11	0.00	0.00	0.00
3,720.29	11.42	259.42	3,668.00	-98.77	-528.99	538.13	0.00	0.00	0.00
Mesaverde									
3,800.00	11.42	259.42	3,746.13	-101.67	-544.51	553.92	0.00	0.00	0.00
3,900.00	11.42	259.42	3,844.15	-105.30	-563.97	573.72	0.00	0.00	0.00
4,000.00	11.42	259.42	3,942.17	-108.94	-583.44	593.52	0.00	0.00	0.00
4,100.00	11.42	259.42	4,040.19	-112.57	-602.90	613.32	0.00	0.00	0.00
4,200.00	11.42	259.42	4,138.21	-116.21	-622.37	633.12	0.00	0.00	0.00
4,300.00	11.42	259.42	4,236.23	-119.84	-641.83	652.92	0.00	0.00	0.00
4,400.00	11.42	259.42	4,334.25	-123.48	-661.30	672.73	0.00	0.00	0.00
4,458.55	11.42	259.42	4,391.64	-125.60	-672.69	684.32	0.00	0.00	0.00
4,500.00	10.80	259.42	4,432.31	-127.07	-680.55	692.31	1.50	-1.50	0.00
4,600.00	9.30	259.42	4,530.77	-130.27	-697.70	709.76	1.50	-1.50	0.00

BBC

Planning Report

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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 21B-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)
4,657.92	8.43	259.42	4,588.00	-131.91	-706.47	718.68	1.50	-1.50	0.00
Price Coal									
4,700.00	7.80	259.42	4,629.66	-133.00	-712.31	724.62	1.50	-1.50	0.00
4,800.00	6.30	259.42	4,728.90	-135.25	-724.37	736.89	1.50	-1.50	0.00
4,900.00	4.80	259.42	4,828.43	-137.03	-733.88	746.56	1.50	-1.50	0.00
5,000.00	3.30	259.42	4,928.18	-138.32	-740.82	753.62	1.50	-1.50	0.00
5,100.00	1.80	259.42	5,028.08	-139.14	-745.19	758.07	1.50	-1.50	0.00
5,200.00	0.30	259.42	5,128.06	-139.48	-746.99	759.90	1.50	-1.50	0.00
5,219.94	0.00	0.00	5,148.00	-139.49	-747.04	759.95	1.50	-1.50	0.00
5,300.00	0.00	0.00	5,228.06	-139.49	-747.04	759.95	0.00	0.00	0.00
5,399.94	0.00	0.00	5,328.00	-139.49	-747.04	759.95	0.00	0.00	0.00
Top Gas									
5,400.00	0.00	0.00	5,328.06	-139.49	-747.04	759.95	0.00	0.00	0.00
5,500.00	0.00	0.00	5,428.06	-139.49	-747.04	759.95	0.00	0.00	0.00
5,600.00	0.00	0.00	5,528.06	-139.49	-747.04	759.95	0.00	0.00	0.00
5,700.00	0.00	0.00	5,628.06	-139.49	-747.04	759.95	0.00	0.00	0.00
5,800.00	0.00	0.00	5,728.06	-139.49	-747.04	759.95	0.00	0.00	0.00
5,900.00	0.00	0.00	5,828.06	-139.49	-747.04	759.95	0.00	0.00	0.00
6,000.00	0.00	0.00	5,928.06	-139.49	-747.04	759.95	0.00	0.00	0.00
6,100.00	0.00	0.00	6,028.06	-139.49	-747.04	759.95	0.00	0.00	0.00
6,200.00	0.00	0.00	6,128.06	-139.49	-747.04	759.95	0.00	0.00	0.00
6,300.00	0.00	0.00	6,228.06	-139.49	-747.04	759.95	0.00	0.00	0.00
6,400.00	0.00	0.00	6,328.06	-139.49	-747.04	759.95	0.00	0.00	0.00
6,500.00	0.00	0.00	6,428.06	-139.49	-747.04	759.95	0.00	0.00	0.00
6,600.00	0.00	0.00	6,528.06	-139.49	-747.04	759.95	0.00	0.00	0.00
6,700.00	0.00	0.00	6,628.06	-139.49	-747.04	759.95	0.00	0.00	0.00
6,800.00	0.00	0.00	6,728.06	-139.49	-747.04	759.95	0.00	0.00	0.00
6,900.00	0.00	0.00	6,828.06	-139.49	-747.04	759.95	0.00	0.00	0.00
7,000.00	0.00	0.00	6,928.06	-139.49	-747.04	759.95	0.00	0.00	0.00
7,100.00	0.00	0.00	7,028.06	-139.49	-747.04	759.95	0.00	0.00	0.00
7,200.00	0.00	0.00	7,128.06	-139.49	-747.04	759.95	0.00	0.00	0.00
7,300.00	0.00	0.00	7,228.06	-139.49	-747.04	759.95	0.00	0.00	0.00
7,400.00	0.00	0.00	7,328.06	-139.49	-747.04	759.95	0.00	0.00	0.00
7,419.94	0.00	0.00	7,348.00	-139.49	-747.04	759.95	0.00	0.00	0.00
Rollins									
7,500.00	0.00	0.00	7,428.06	-139.49	-747.04	759.95	0.00	0.00	0.00
7,600.00	0.00	0.00	7,528.06	-139.49	-747.04	759.95	0.00	0.00	0.00
7,700.00	0.00	0.00	7,628.06	-139.49	-747.04	759.95	0.00	0.00	0.00
7,719.94	0.00	0.00	7,648.00	-139.49	-747.04	759.95	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

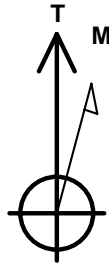
Planning Report

Database:	Compass	Local Co-ordinate Reference:	Well CB-TG Land 21B-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 21B-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 (°)	
3,720.29	3,668.00	Mesaverde		0.00		
4,657.92	4,588.00	Price Coal		0.00		
5,399.94	5,328.00	Top Gas		0.00		
7,419.94	7,348.00	Rollins		0.00		
7,719.94	7,648.00	TD		0.00		

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

Ground Level: 0.00
 +N/-S+E/-W Northing Easting Latitude Longitude Slot
 0.00 0.00 1620858.739 2382172.009 31° 31' 3.327" N 104° 24' 24.7452 W



Azimuths to True North
 Magnetic North: 10.42°

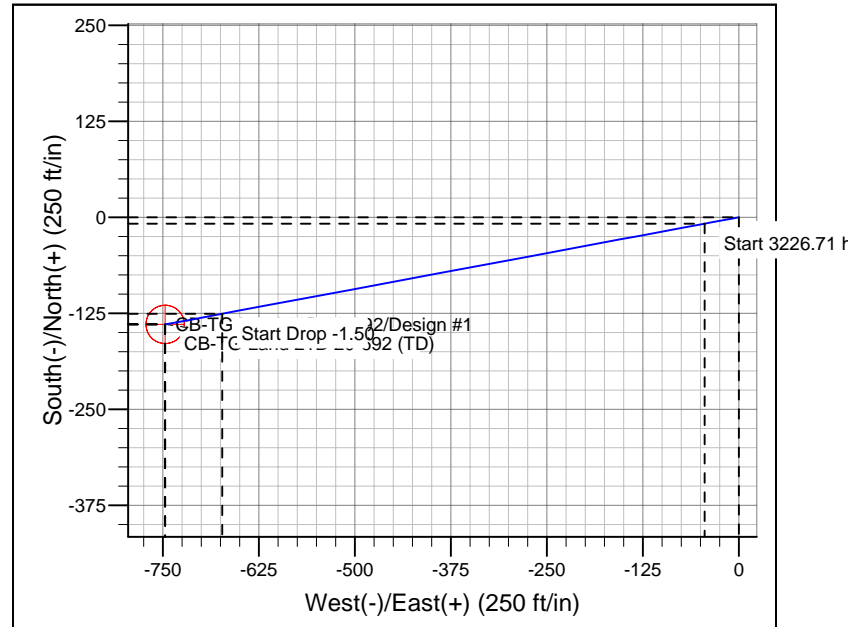
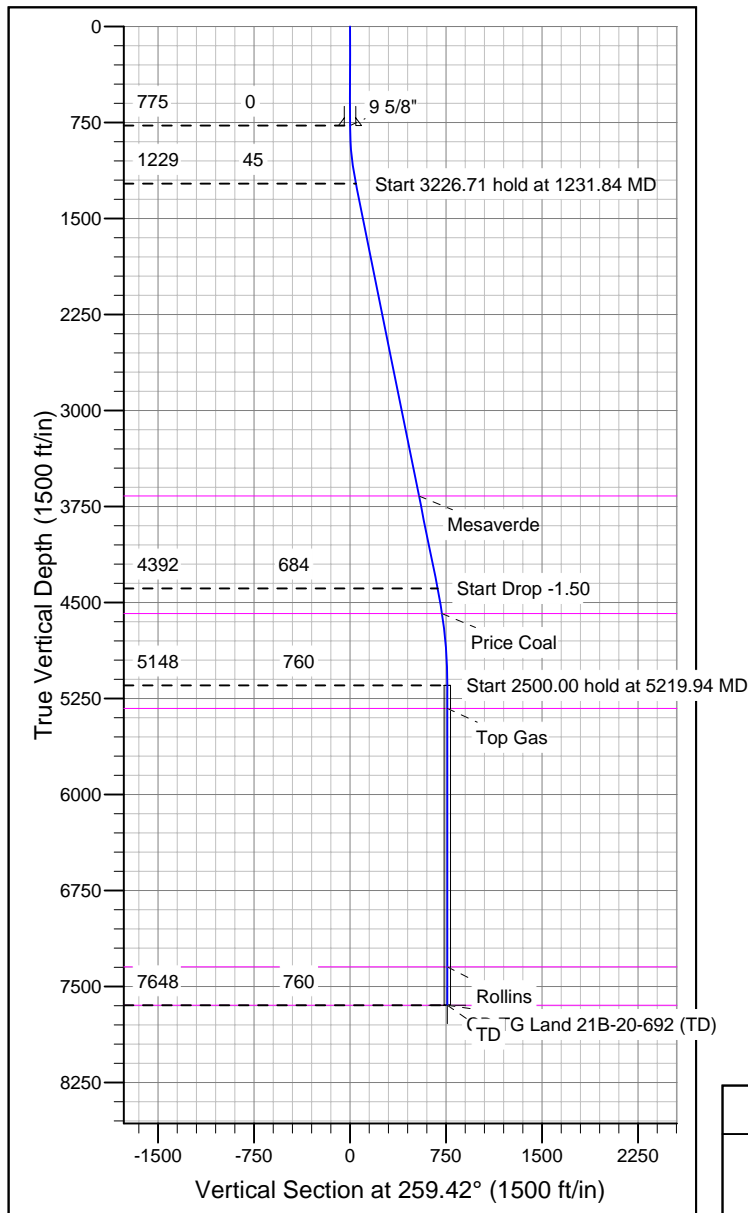
Magnetic Field
 Strength: 52398.1snT
 Dip Angle: 65.83°
 Date: 4/16/2010
 Model: BGGM2007

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	775.00	0.00	0.00	775.00	0.00	0.00	0.00	0.00	0.00	
3	1231.84	11.42	259.42	1228.82	-8.33	-44.61	2.50	259.42	45.38	
4	4458.55	11.42	259.42	4391.64	-125.60	-672.69	0.00	0.00	684.32	
5	5219.94	0.00	0.00	5148.00	-139.49	-747.04	1.50	180.00	759.95	
6	7619.94	0.00	0.00	7648.00	-139.49	-747.04	0.00	0.00	759.95	CB-TG Land 21B-20-692 (TD)

WELLBORE TARGET DETAILS

Name TVD +N/-S +E/-W Shape
 CB-TG Land 21B-20-692 (TD) 5553.00 -139.49 -747.04 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
 3668.00 3720.29 Mesaverde
 4588.00 4657.92 Price Coal
 5328.00 5399.94 Top Gas
 7348.00 7419.94 Rollins
 7648.00 7719.94 TD

REFERENCE INFORMATION

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