

BILL BARRETT CORP

GARFIELD COUNTY, COLORADO NAD 1983

CB-TG Land NW-20-692

CB-TG Land 11B-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 11B-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 11B-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 11B-20-692					
Well Position	+N-S	77.21 ft	Northing:	1,620,874.505 ft	Latitude:	39° 31' 3.479 N
	+E-W	-22.00 ft	Easting:	2,382,167.865 ft	Longitude:	107° 41' 24.8028 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	268.13

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	
2,492.03	41.55	268.13	2,350.14	-18.78	-576.39	2.50	2.50	0.00	268.13	
3,272.80	41.55	268.13	2,934.44	-35.64	-1,093.99	0.00	0.00	0.00	0.00	
6,042.86	0.00	0.00	5,468.00	-66.93	-2,054.64	1.50	-1.50	0.00	180.00	
8,242.86	0.00	0.00	7,668.00	-66.93	-2,054.64	0.00	0.00	0.00	0.00	CB-TG Land 11B-2

BBC

Planning Report

Database:	Compass	Local Co-ordinate Reference:	Well CB-TG Land 11B-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 11B-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	268.13	899.99	-0.03	-1.07	1.07	2.50	2.50	0.00
1,000.00	4.25	268.13	999.84	-0.21	-6.30	6.30	2.50	2.50	0.00
1,100.00	6.75	268.13	1,099.38	-0.52	-15.88	15.89	2.50	2.50	0.00
1,200.00	9.25	268.13	1,198.39	-0.97	-29.79	29.80	2.50	2.50	0.00
1,300.00	11.75	268.13	1,296.71	-1.56	-48.00	48.02	2.50	2.50	0.00
1,400.00	14.25	268.13	1,394.14	-2.30	-70.48	70.52	2.50	2.50	0.00
1,500.00	16.75	268.13	1,490.50	-3.17	-97.19	97.24	2.50	2.50	0.00
1,600.00	19.25	268.13	1,585.60	-4.17	-128.07	128.14	2.50	2.50	0.00
1,700.00	21.75	268.13	1,679.26	-5.31	-163.07	163.16	2.50	2.50	0.00
1,800.00	24.25	268.13	1,771.30	-6.58	-202.12	202.23	2.50	2.50	0.00
1,900.00	26.75	268.13	1,861.55	-7.99	-245.14	245.27	2.50	2.50	0.00
2,000.00	29.25	268.13	1,949.84	-9.51	-292.06	292.22	2.50	2.50	0.00
2,100.00	31.75	268.13	2,035.99	-11.17	-342.78	342.97	2.50	2.50	0.00
2,200.00	34.25	268.13	2,119.85	-12.94	-397.22	397.43	2.50	2.50	0.00
2,300.00	36.75	268.13	2,201.26	-14.83	-455.25	455.49	2.50	2.50	0.00
2,400.00	39.25	268.13	2,280.05	-16.83	-516.78	517.05	2.50	2.50	0.00
2,492.03	41.55	268.13	2,350.14	-18.78	-576.39	576.70	2.50	2.50	0.00
2,500.00	41.55	268.13	2,356.10	-18.95	-581.67	581.98	0.00	0.00	0.00
2,600.00	41.55	268.13	2,430.93	-21.11	-647.97	648.31	0.00	0.00	0.00
2,700.00	41.55	268.13	2,505.77	-23.27	-714.26	714.64	0.00	0.00	0.00
2,800.00	41.55	268.13	2,580.61	-25.43	-780.55	780.97	0.00	0.00	0.00
2,900.00	41.55	268.13	2,655.45	-27.59	-846.85	847.30	0.00	0.00	0.00
3,000.00	41.55	268.13	2,730.28	-29.75	-913.14	913.62	0.00	0.00	0.00
3,100.00	41.55	268.13	2,805.12	-31.90	-979.43	979.95	0.00	0.00	0.00
3,200.00	41.55	268.13	2,879.96	-34.06	-1,045.73	1,046.28	0.00	0.00	0.00
3,272.80	41.55	268.13	2,934.44	-35.64	-1,093.99	1,094.57	0.00	0.00	0.00
3,300.00	41.14	268.13	2,954.86	-36.22	-1,111.95	1,112.54	1.50	-1.50	0.00
3,400.00	39.64	268.13	3,031.02	-38.33	-1,176.71	1,177.34	1.50	-1.50	0.00
3,500.00	38.14	268.13	3,108.85	-40.38	-1,239.46	1,240.12	1.50	-1.50	0.00
3,600.00	36.64	268.13	3,188.29	-42.35	-1,300.16	1,300.85	1.50	-1.50	0.00
3,700.00	35.14	268.13	3,269.30	-44.26	-1,358.75	1,359.47	1.50	-1.50	0.00
3,800.00	33.64	268.13	3,351.82	-46.10	-1,415.21	1,415.96	1.50	-1.50	0.00
3,900.00	32.14	268.13	3,435.78	-47.87	-1,469.48	1,470.26	1.50	-1.50	0.00
4,000.00	30.64	268.13	3,521.14	-49.56	-1,521.54	1,522.35	1.50	-1.50	0.00
4,100.00	29.14	268.13	3,607.84	-51.19	-1,571.36	1,572.19	1.50	-1.50	0.00
4,168.54	28.11	268.13	3,668.00	-52.26	-1,604.18	1,605.03	1.50	-1.50	0.00
Mesaverde									
4,200.00	27.64	268.13	3,695.81	-52.73	-1,618.88	1,619.74	1.50	-1.50	0.00
4,300.00	26.14	268.13	3,784.99	-54.21	-1,664.09	1,664.97	1.50	-1.50	0.00
4,400.00	24.64	268.13	3,875.33	-55.60	-1,706.95	1,707.85	1.50	-1.50	0.00
4,500.00	23.14	268.13	3,966.75	-56.92	-1,747.43	1,748.35	1.50	-1.50	0.00
4,600.00	21.64	268.13	4,059.21	-58.16	-1,785.50	1,786.45	1.50	-1.50	0.00

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Well:	CB-TG Land 11B-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	20.14	268.13	4,152.63	-59.32	-1,821.14	1,822.11	1.50	-1.50	0.00
4,800.00	18.64	268.13	4,246.96	-60.40	-1,854.33	1,855.31	1.50	-1.50	0.00
4,900.00	17.14	268.13	4,342.12	-61.40	-1,885.03	1,886.03	1.50	-1.50	0.00
5,000.00	15.64	268.13	4,438.05	-62.32	-1,913.24	1,914.26	1.50	-1.50	0.00
5,100.00	14.14	268.13	4,534.69	-63.16	-1,938.93	1,939.96	1.50	-1.50	0.00
5,144.60	13.47	268.13	4,578.00	-63.51	-1,949.57	1,950.60	1.50	-1.50	0.00
Price Coal									
5,200.00	12.64	268.13	4,631.96	-63.91	-1,962.08	1,963.12	1.50	-1.50	0.00
5,300.00	11.14	268.13	4,729.81	-64.59	-1,982.67	1,983.73	1.50	-1.50	0.00
5,400.00	9.64	268.13	4,828.17	-65.17	-2,000.70	2,001.76	1.50	-1.50	0.00
5,500.00	8.14	268.13	4,926.97	-65.68	-2,016.15	2,017.22	1.50	-1.50	0.00
5,600.00	6.64	268.13	5,026.13	-66.09	-2,029.01	2,030.09	1.50	-1.50	0.00
5,700.00	5.14	268.13	5,125.60	-66.43	-2,039.27	2,040.36	1.50	-1.50	0.00
5,800.00	3.64	268.13	5,225.30	-66.68	-2,046.93	2,048.02	1.50	-1.50	0.00
5,900.00	2.14	268.13	5,325.17	-66.84	-2,051.97	2,053.06	1.50	-1.50	0.00
5,902.83	2.10	268.13	5,328.00	-66.85	-2,052.08	2,053.17	1.50	-1.50	0.00
Top Gas									
6,000.00	0.64	268.13	5,425.14	-66.92	-2,054.40	2,055.49	1.50	-1.50	0.00
6,042.86	0.00	0.00	5,468.00	-66.93	-2,054.64	2,055.73	1.50	-1.50	0.00
6,100.00	0.00	0.00	5,525.14	-66.93	-2,054.64	2,055.73	0.00	0.00	0.00
6,200.00	0.00	0.00	5,625.14	-66.93	-2,054.64	2,055.73	0.00	0.00	0.00
6,300.00	0.00	0.00	5,725.14	-66.93	-2,054.64	2,055.73	0.00	0.00	0.00
6,400.00	0.00	0.00	5,825.14	-66.93	-2,054.64	2,055.73	0.00	0.00	0.00
6,500.00	0.00	0.00	5,925.14	-66.93	-2,054.64	2,055.73	0.00	0.00	0.00
6,600.00	0.00	0.00	6,025.14	-66.93	-2,054.64	2,055.73	0.00	0.00	0.00
6,700.00	0.00	0.00	6,125.14	-66.93	-2,054.64	2,055.73	0.00	0.00	0.00
6,800.00	0.00	0.00	6,225.14	-66.93	-2,054.64	2,055.73	0.00	0.00	0.00
6,900.00	0.00	0.00	6,325.14	-66.93	-2,054.64	2,055.73	0.00	0.00	0.00
7,000.00	0.00	0.00	6,425.14	-66.93	-2,054.64	2,055.73	0.00	0.00	0.00
7,100.00	0.00	0.00	6,525.14	-66.93	-2,054.64	2,055.73	0.00	0.00	0.00
7,200.00	0.00	0.00	6,625.14	-66.93	-2,054.64	2,055.73	0.00	0.00	0.00
7,300.00	0.00	0.00	6,725.14	-66.93	-2,054.64	2,055.73	0.00	0.00	0.00
7,400.00	0.00	0.00	6,825.14	-66.93	-2,054.64	2,055.73	0.00	0.00	0.00
7,500.00	0.00	0.00	6,925.14	-66.93	-2,054.64	2,055.73	0.00	0.00	0.00
7,600.00	0.00	0.00	7,025.14	-66.93	-2,054.64	2,055.73	0.00	0.00	0.00
7,700.00	0.00	0.00	7,125.14	-66.93	-2,054.64	2,055.73	0.00	0.00	0.00
7,800.00	0.00	0.00	7,225.14	-66.93	-2,054.64	2,055.73	0.00	0.00	0.00
7,900.00	0.00	0.00	7,325.14	-66.93	-2,054.64	2,055.73	0.00	0.00	0.00
7,942.86	0.00	0.00	7,368.00	-66.93	-2,054.64	2,055.73	0.00	0.00	0.00
Rollins									
8,000.00	0.00	0.00	7,425.14	-66.93	-2,054.64	2,055.73	0.00	0.00	0.00
8,100.00	0.00	0.00	7,525.14	-66.93	-2,054.64	2,055.73	0.00	0.00	0.00
8,200.00	0.00	0.00	7,625.14	-66.93	-2,054.64	2,055.73	0.00	0.00	0.00
8,242.86	0.00	0.00	7,668.00	-66.93	-2,054.64	2,055.73	0.00	0.00	0.00
TD									

BBC

Planning Report

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

Casing Points

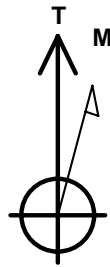
Measured Depth (ft)	Vertical Depth (ft)	Name	Casing Diameter (")	Hole Diameter (")
830.00	830.00	9 5/8"	9-5/8	12-1/4

Formations

Measured Depth (ft)	Vertical Depth (ft)	Name	Lithology	Dip (°)	Dip Direction (°)
4,168.54	3,668.00	Mesaverde		0.00	
5,144.60	4,578.00	Price Coal		0.00	
5,902.83	5,328.00	Top Gas		0.00	
7,942.86	7,368.00	Rollins		0.00	
8,242.86	7,668.00	TD		0.00	

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

Ground Level: 0.00
 +N/-S+E/-W Northing Easting Latitude Longitude Slot
 0.00 0.00 1620874.505 2382167.869 31° 31' 3.479"N 104° 11' 24.8028 W



Azimuths to True North
 Magnetic North: 10.42°

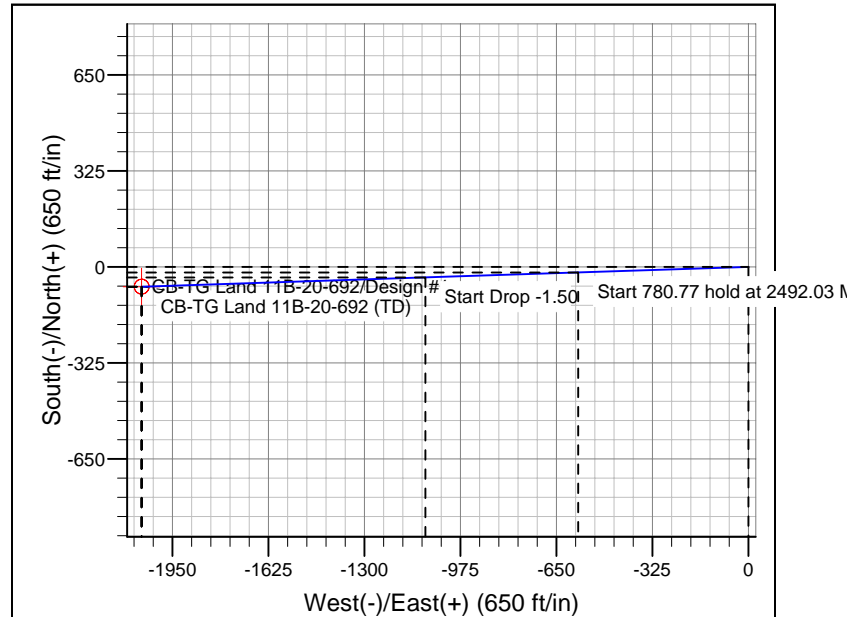
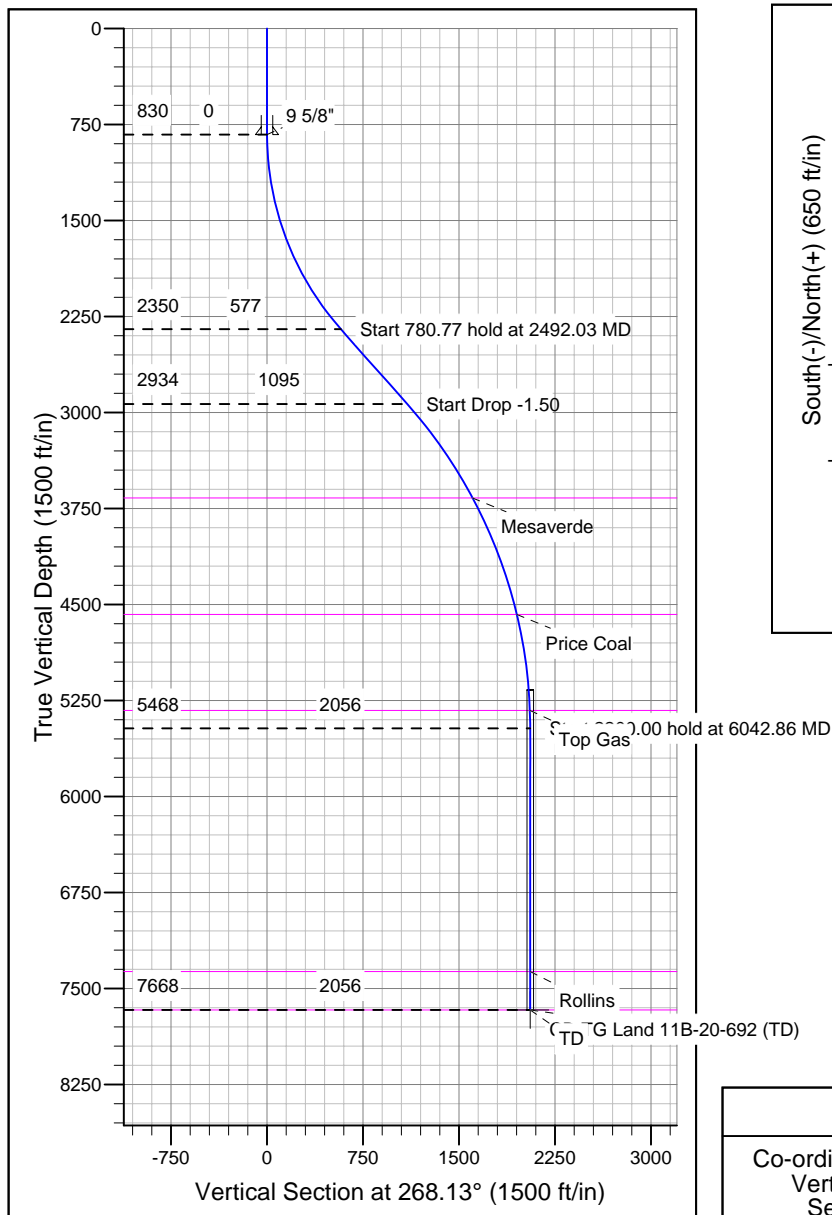
Magnetic Field
 Strength: 52398.1snT
 Dip Angle: 65.83°
 Date: 4/16/2010
 Model: BGGM2007

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	830.00	0.00	0.00	830.00	0.00	0.00	0.00	0.00	0.00	
3	2492.03	41.55	268.13	2350.14	-18.78	-576.39	2.50	268.13	576.70	
4	3272.80	41.55	268.13	2934.44	-35.64	1093.99	0.00	0.00	1094.57	
5	6042.86	0.00	0.00	5468.00	-66.93	2054.64	1.50	180.00	2055.73	
6	7668.00	0.00	0.00	7668.00	-66.93	2054.64	0.00	0.00	2055.73	CB-TG Land 11B-20-692 (TD)

WELLBORE TARGET DETAILS

Name TVD +N/-S +E/-W Shape
 CB-TG Land 11B-20-692 (TD) 7668.00 -2054.64 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
 3668.00 4168.54 Mesaverde
 4578.00 5144.60 Price Coal
 5328.00 5902.83 Top Gas
 7368.00 7942.86 Rollins
 7668.00 8242.86 TD

REFERENCE INFORMATION

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