

BILL BARRETT CORP

GARFIELD COUNTY, COLORADO NAD 1983

Kaufman Pad #1 NESW-25-692

Kaufman 12A-25-692

Wellbore #1

Plan: Design #1

Standard Planning Report

16 March, 2010

BBC

Planning Report

Database:	Compass	Local Co-ordinate Reference:	Well Kaufman 12A-25-692
Company:	BILL BARRETT CORP	TVD Reference:	WELL @ 5936.00ft (Original Well Elev)
Project:	GARFIELD COUNTY, COLORADO NAD 1983	MD Reference:	WELL @ 5936.00ft (Original Well Elev)
Site:	Kaufman Pad #1 NESW-25-692	North Reference:	True
Well:	Kaufman 12A-25-692	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	Kaufman Pad #1 NESW-25-692		
Site Position:		Northing:	1,612,955.301 ft
From:	Lat/Long	Easting:	2,402,300.892 ft
Position Uncertainty:	0.00 ft	Slot Radius:	"
		Latitude:	39° 29' 49.949 N
		Longitude:	107° 37' 5.6028 W
		Grid Convergence:	-1.34 °

Well	Kaufman 12A-25-692		
Well Position	+N/-S	-80.87 ft	Northing:
	+E/-W	-266.68 ft	Easting:
Position Uncertainty		0.00 ft	Wellhead Elevation:
			ft
			Latitude:
			39° 29' 49.149 N
			Longitude:
			107° 37' 9.0048 W
			Ground Level:
			0.00 ft

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	BGGM2007	3/16/2010	10.40	65.83	52,403

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	302.07

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	
735.00	0.00	0.00	735.00	0.00	0.00	0.00	0.00	0.00	0.00	
1,557.80	20.57	302.07	1,540.23	77.58	-123.82	2.50	2.50	0.00	302.07	
3,629.59	20.57	302.07	3,479.94	464.07	-740.66	0.00	0.00	0.00	0.00	
5,000.92	0.00	0.00	4,822.00	593.37	-947.03	1.50	-1.50	0.00	180.00	
7,500.92	0.00	0.00	7,322.00	593.37	-947.03	0.00	0.00	0.00	0.00	Kaufman 12A-25-692

BBC

Planning Report

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Company:	BILL BARRETT CORP	TVD Reference:	WELL @ 5936.00ft (Original Well Elev)
Project:	GARFIELD COUNTY, COLORADO NAD 1983	MD Reference:	WELL @ 5936.00ft (Original Well Elev)
Site:	Kaufman Pad #1 NESW-25-692	North Reference:	True
Well:	Kaufman 12A-25-692	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
735.00	0.00	0.00	735.00	0.00	0.00	0.00	0.00	0.00	0.00
9 5/8"									
800.00	1.62	302.07	799.99	0.49	-0.78	0.92	2.50	2.50	0.00
900.00	4.12	302.07	899.86	3.15	-5.03	5.94	2.50	2.50	0.00
1,000.00	6.62	302.07	999.41	8.13	-12.97	15.30	2.50	2.50	0.00
1,100.00	9.12	302.07	1,098.46	15.40	-24.58	29.00	2.50	2.50	0.00
1,200.00	11.62	302.07	1,196.82	24.96	-39.84	47.01	2.50	2.50	0.00
1,300.00	14.12	302.07	1,294.29	36.79	-58.72	69.29	2.50	2.50	0.00
1,400.00	16.62	302.07	1,390.71	50.87	-81.18	95.80	2.50	2.50	0.00
1,500.00	19.12	302.07	1,485.87	67.16	-107.19	126.49	2.50	2.50	0.00
1,557.80	20.57	302.07	1,540.23	77.58	-123.82	146.12	2.50	2.50	0.00
1,600.00	20.57	302.07	1,579.75	85.45	-136.39	160.95	0.00	0.00	0.00
1,700.00	20.57	302.07	1,673.37	104.11	-166.16	196.08	0.00	0.00	0.00
1,800.00	20.57	302.07	1,767.00	122.76	-195.93	231.22	0.00	0.00	0.00
1,900.00	20.57	302.07	1,860.62	141.42	-225.71	266.35	0.00	0.00	0.00
2,000.00	20.57	302.07	1,954.25	160.07	-255.48	301.49	0.00	0.00	0.00
2,100.00	20.57	302.07	2,047.87	178.73	-285.25	336.62	0.00	0.00	0.00
2,200.00	20.57	302.07	2,141.49	197.38	-315.03	371.75	0.00	0.00	0.00
2,300.00	20.57	302.07	2,235.12	216.04	-344.80	406.89	0.00	0.00	0.00
2,400.00	20.57	302.07	2,328.74	234.69	-374.57	442.02	0.00	0.00	0.00
2,500.00	20.57	302.07	2,422.37	253.35	-404.35	477.16	0.00	0.00	0.00
2,600.00	20.57	302.07	2,515.99	272.00	-434.12	512.29	0.00	0.00	0.00
2,700.00	20.57	302.07	2,609.62	290.66	-463.89	547.43	0.00	0.00	0.00
2,800.00	20.57	302.07	2,703.24	309.31	-493.67	582.56	0.00	0.00	0.00
2,900.00	20.57	302.07	2,796.87	327.97	-523.44	617.70	0.00	0.00	0.00
3,000.00	20.57	302.07	2,890.49	346.62	-553.21	652.83	0.00	0.00	0.00
3,100.00	20.57	302.07	2,984.11	365.28	-582.99	687.97	0.00	0.00	0.00
3,200.00	20.57	302.07	3,077.74	383.93	-612.76	723.10	0.00	0.00	0.00
3,300.00	20.57	302.07	3,171.36	402.59	-642.53	758.24	0.00	0.00	0.00
3,400.00	20.57	302.07	3,264.99	421.24	-672.31	793.37	0.00	0.00	0.00
3,500.00	20.57	302.07	3,358.61	439.90	-702.08	828.51	0.00	0.00	0.00
3,546.34	20.57	302.07	3,402.00	448.54	-715.88	844.79	0.00	0.00	0.00
Mesaerde									
3,600.00	20.57	302.07	3,452.24	458.55	-731.85	863.64	0.00	0.00	0.00
3,629.59	20.57	302.07	3,479.94	464.07	-740.66	874.04	0.00	0.00	0.00
3,700.00	19.51	302.07	3,546.09	476.88	-761.11	898.17	1.50	-1.50	0.00
3,800.00	18.01	302.07	3,640.77	493.96	-788.37	930.34	1.50	-1.50	0.00
3,900.00	16.51	302.07	3,736.26	509.72	-813.52	960.01	1.50	-1.50	0.00
4,000.00	15.01	302.07	3,832.50	524.14	-836.54	987.18	1.50	-1.50	0.00
4,100.00	13.51	302.07	3,929.41	537.22	-857.42	1,011.82	1.50	-1.50	0.00
4,200.00	12.01	302.07	4,026.94	548.95	-876.14	1,033.91	1.50	-1.50	0.00
4,300.00	10.51	302.07	4,125.01	559.32	-892.69	1,053.44	1.50	-1.50	0.00
4,398.42	9.04	302.07	4,222.00	568.20	-906.85	1,070.15	1.50	-1.50	0.00
Price Coal									
4,400.00	9.01	302.07	4,223.56	568.33	-907.06	1,070.40	1.50	-1.50	0.00

BBC

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Well:	Kaufman 12A-25-692	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)
4,500.00	7.51	302.07	4,322.52	575.96	-919.24	1,084.77	1.50	-1.50	0.00
4,600.00	6.01	302.07	4,421.82	582.21	-929.22	1,096.55	1.50	-1.50	0.00
4,700.00	4.51	302.07	4,521.39	587.08	-936.99	1,105.72	1.50	-1.50	0.00
4,800.00	3.01	302.07	4,621.17	590.57	-942.55	1,112.29	1.50	-1.50	0.00
4,900.00	1.51	302.07	4,721.09	592.67	-945.90	1,116.24	1.50	-1.50	0.00
5,000.00	0.01	302.07	4,821.08	593.37	-947.03	1,117.57	1.50	-1.50	0.00
5,000.92	0.00	0.00	4,822.00	593.37	-947.03	1,117.57	1.50	-1.50	0.00
Top Gas									
5,100.00	0.00	0.00	4,921.08	593.37	-947.03	1,117.57	0.00	0.00	0.00
5,200.00	0.00	0.00	5,021.08	593.37	-947.03	1,117.57	0.00	0.00	0.00
5,300.00	0.00	0.00	5,121.08	593.37	-947.03	1,117.57	0.00	0.00	0.00
5,400.00	0.00	0.00	5,221.08	593.37	-947.03	1,117.57	0.00	0.00	0.00
5,500.00	0.00	0.00	5,321.08	593.37	-947.03	1,117.57	0.00	0.00	0.00
5,600.00	0.00	0.00	5,421.08	593.37	-947.03	1,117.57	0.00	0.00	0.00
5,700.00	0.00	0.00	5,521.08	593.37	-947.03	1,117.57	0.00	0.00	0.00
5,800.00	0.00	0.00	5,621.08	593.37	-947.03	1,117.57	0.00	0.00	0.00
5,900.00	0.00	0.00	5,721.08	593.37	-947.03	1,117.57	0.00	0.00	0.00
6,000.00	0.00	0.00	5,821.08	593.37	-947.03	1,117.57	0.00	0.00	0.00
6,100.00	0.00	0.00	5,921.08	593.37	-947.03	1,117.57	0.00	0.00	0.00
6,200.00	0.00	0.00	6,021.08	593.37	-947.03	1,117.57	0.00	0.00	0.00
6,300.00	0.00	0.00	6,121.08	593.37	-947.03	1,117.57	0.00	0.00	0.00
6,400.00	0.00	0.00	6,221.08	593.37	-947.03	1,117.57	0.00	0.00	0.00
6,500.00	0.00	0.00	6,321.08	593.37	-947.03	1,117.57	0.00	0.00	0.00
6,600.00	0.00	0.00	6,421.08	593.37	-947.03	1,117.57	0.00	0.00	0.00
6,700.00	0.00	0.00	6,521.08	593.37	-947.03	1,117.57	0.00	0.00	0.00
6,800.00	0.00	0.00	6,621.08	593.37	-947.03	1,117.57	0.00	0.00	0.00
6,900.00	0.00	0.00	6,721.08	593.37	-947.03	1,117.57	0.00	0.00	0.00
7,000.00	0.00	0.00	6,821.08	593.37	-947.03	1,117.57	0.00	0.00	0.00
7,100.00	0.00	0.00	6,921.08	593.37	-947.03	1,117.57	0.00	0.00	0.00
7,200.00	0.00	0.00	7,021.08	593.37	-947.03	1,117.57	0.00	0.00	0.00
7,200.92	0.00	0.00	7,022.00	593.37	-947.03	1,117.57	0.00	0.00	0.00
Rollins									
7,300.00	0.00	0.00	7,121.08	593.37	-947.03	1,117.57	0.00	0.00	0.00
7,400.00	0.00	0.00	7,221.08	593.37	-947.03	1,117.57	0.00	0.00	0.00
7,500.00	0.00	0.00	7,321.08	593.37	-947.03	1,117.57	0.00	0.00	0.00
7,500.92	0.00	0.00	7,322.00	593.37	-947.03	1,117.57	0.00	0.00	0.00
TD									

Casing Points

Measured Depth (ft)	Vertical Depth (ft)	Name	Casing Diameter (")	Hole Diameter (")
735.00	735.00	9 5/8"	9-5/8	12-1/4

BBC

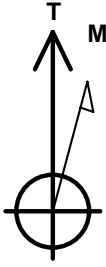
Planning Report

Database:	Compass	Local Co-ordinate Reference:	Well Kaufman 12A-25-692
Company:	BILL BARRETT CORP	TVD Reference:	WELL @ 5936.00ft (Original Well Elev)
Project:	GARFIELD COUNTY, COLORADO NAD 1983	MD Reference:	WELL @ 5936.00ft (Original Well Elev)
Site:	Kaufman Pad #1 NESW-25-692	North Reference:	True
Well:	Kaufman 12A-25-692	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #1		

Formations						
Measured Depth (ft)	Vertical Depth (ft)	Name	Lithology	Dip (°)	Dip Direction (°)	
3,546.34	3,402.00	Mesaerde		0.00		
4,398.42	4,222.00	Price Coal		0.00		
5,000.92	4,822.00	Top Gas		0.00		
7,200.92	7,022.00	Rollins		0.00		
7,500.92	7,322.00	TD		0.00		

WELL DETAILS: Kaufman 12A-25-692

Ground Level: 0.00
 +N/-S+E/-W Northing Easting Latitude Longitude Slot
 0.00 0.00 1612880.672 2402032.439 29° 49.149' 97.137' 9.0048 W



Azimuths to True North
 Magnetic North: 10.40°

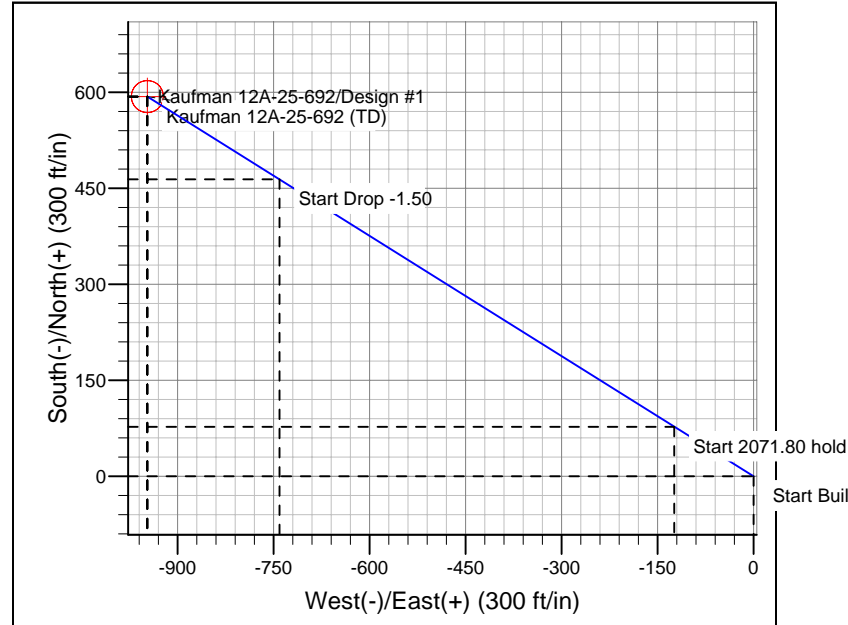
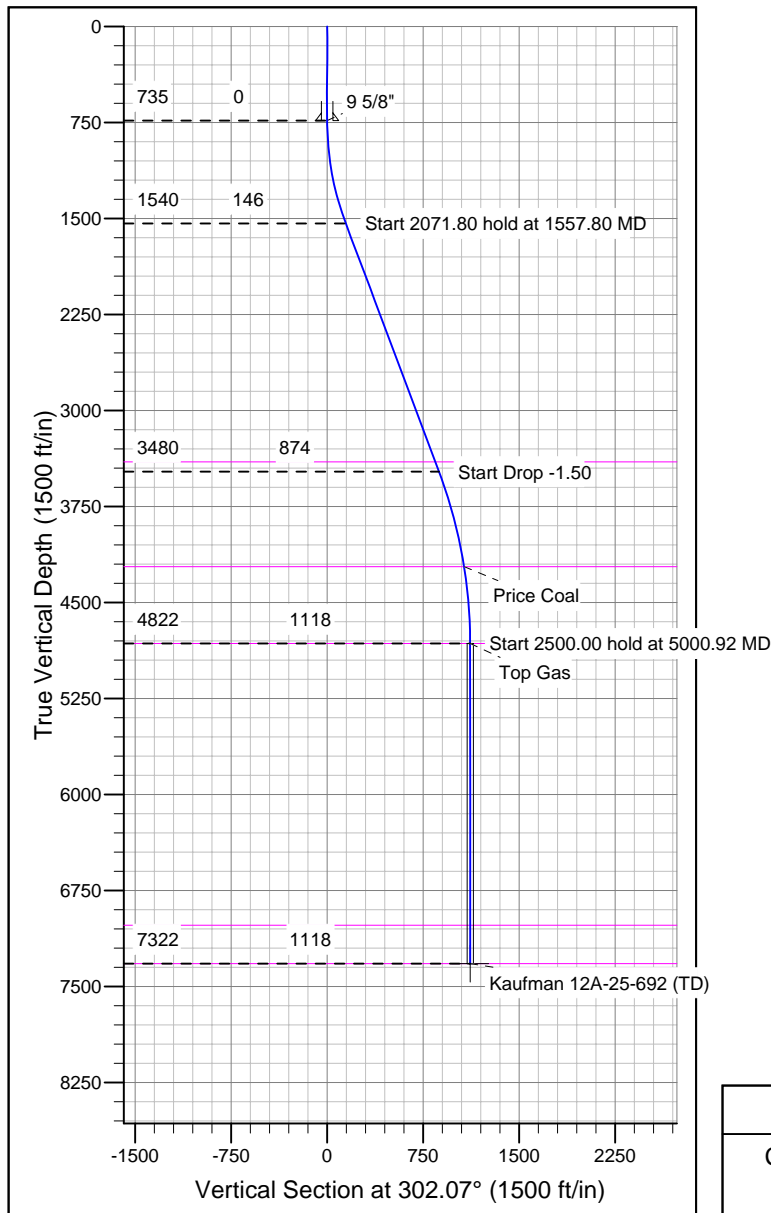
Magnetic Field
 Strength: 52402.5nT
 Dip Angle: 65.83°
 Date: 3/16/2010
 Model: BGGM2007

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	
	735.00	0.00	0.00	735.00	0.00	0.00	0.00	0.00	0.00	
	1557.80	20.57	302.07	1540.23	77.58	-123.82	2.50	302.07	146.12	
	3629.59	20.57	302.07	3479.94	464.07	-740.66	0.00	0.00	874.04	
	5000.92	0.00	0.00	4822.00	593.37	-947.03	1.50	180.00	1118.57	
	7500.92	0.00	0.00	7322.00	593.37	-947.03	0.00	0.00	1118.57	Kaufman 12A-25-692 (TD)

WELLBORE TARGET DETAILS

Name TVD +N/-S +E/-W Shape
 Kaufman 12A-25-692 (TD) 593.37 -947.03 Circle (Radius: 25.00)



CASING DETAILS

TVD MD Name Size
 735.00 735.00 9 5/8" 9-5/8"

FORMATION TOP DETAILS

TVDPATH MDPATH Formation
 3402.00 3402.00 Mesaerde
 4222.00 4222.00 Price Coal
 4822.00 4822.00 Top Gas
 7022.00 7022.00 Rollins
 7322.00 7322.00 TD

REFERENCE INFORMATION

Co-ordinate (N/E) Reference: Well Kaufman 12A-25-692, True North
 Vertical (TVD) Reference: WELL @ 5936.00ft (Original Well Elev)
 Section (VS) Reference: Slot - (0.00N, 0.00E)
 Measured Depth Reference: WELL @ 5936.00ft (Original Well Elev)
 Calculation Method: Minimum Curvature