

BILL BARRETT CORP

GARFIELD COUNTY, COLORADO NAD 1983

Kaufman Pad #4 NWNW-30-691

Kaufman 41B-25-692

Wellbore #1

Plan: Design #1

Standard Planning Report

31 December, 2009

BBC

Planning Report

Database:	Compass	Local Co-ordinate Reference:	Well Kaufman 41B-25-692
Company:	BILL BARRETT CORP	TVD Reference:	WELL @ 5786.00ft (Original Well Elev)
Project:	GARFIELD COUNTY, COLORADO NAD 1983	MD Reference:	WELL @ 5786.00ft (Original Well Elev)
Site:	Kaufman Pad #4 NWNW-30-691	North Reference:	True
Well:	Kaufman 41B-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 #4 NWNW-30-691											
Site Position:			Northing:			1,614,920.309ft			Latitude:			39° 30' 10.271 N					
From:			Lat/Long			Easting:			2,406,245.151 ft			Longitude:			107° 36' 15.8796 W		
Position Uncertainty:			0.00 ft			Slot Radius:			"			Grid Convergence:			-1.33 °		

Well	Kaufman 41B-25-692					
Well Position	+N-S	87.41 ft	Northing:	1,615,008.629 ft	Latitude:	39° 30' 11.135 N
	+E-W	-40.35 ft	Easting:	2,406,206.836 ft	Longitude:	107° 36' 16.3944 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	12/29/2009	10.42	65.84	52,432

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	274.52

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	
750.00	0.00	0.00	750.00	0.00	0.00	0.00	0.00	0.00	0.00	
1,327.26	14.43	274.52	1,321.18	5.70	-72.09	2.50	2.50	0.00	274.52	
4,966.97	14.43	274.52	4,846.04	77.22	-976.37	0.00	0.00	0.00	0.00	
5,929.07	0.00	0.00	5,798.00	86.72	-1,096.52	1.50	-1.50	0.00	180.00	
7,429.07	0.00	0.00	7,298.00	86.72	-1,096.52	0.00	0.00	0.00	0.00	Kaufman 41B-25-692

BBC
Planning Report

Database:	Compass	Local Co-ordinate Reference:	Well Kaufman 41B-25-692
Company:	BILL BARRETT CORP	TVD Reference:	WELL @ 5786.00ft (Original Well Elev)
Project:	GARFIELD COUNTY, COLORADO NAD 1983	MD Reference:	WELL @ 5786.00ft (Original Well Elev)
Site:	Kaufman Pad #4 NWNW-30-691	North Reference:	True
Well:	Kaufman 41B-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
750.00	0.00	0.00	750.00	0.00	0.00	0.00	0.00	0.00	0.00
9 5/8"									
800.00	1.25	274.52	800.00	0.04	-0.54	0.55	2.50	2.50	0.00
900.00	3.75	274.52	899.89	0.39	-4.89	4.91	2.50	2.50	0.00
1,000.00	6.25	274.52	999.50	1.07	-13.58	13.62	2.50	2.50	0.00
1,100.00	8.75	274.52	1,098.64	2.10	-26.59	26.67	2.50	2.50	0.00
1,200.00	11.25	274.52	1,197.11	3.47	-43.90	44.04	2.50	2.50	0.00
1,300.00	13.75	274.52	1,294.74	5.18	-65.47	65.68	2.50	2.50	0.00
1,327.26	14.43	274.52	1,321.18	5.70	-72.09	72.32	2.50	2.50	0.00
1,400.00	14.43	274.52	1,391.62	7.13	-90.16	90.44	0.00	0.00	0.00
1,500.00	14.43	274.52	1,488.46	9.10	-115.01	115.37	0.00	0.00	0.00
1,600.00	14.43	274.52	1,585.31	11.06	-139.85	140.29	0.00	0.00	0.00
1,700.00	14.43	274.52	1,682.15	13.03	-164.70	165.21	0.00	0.00	0.00
1,800.00	14.43	274.52	1,779.00	14.99	-189.54	190.13	0.00	0.00	0.00
1,900.00	14.43	274.52	1,875.84	16.96	-214.39	215.06	0.00	0.00	0.00
2,000.00	14.43	274.52	1,972.69	18.92	-239.23	239.98	0.00	0.00	0.00
2,100.00	14.43	274.52	2,069.53	20.89	-264.08	264.90	0.00	0.00	0.00
2,200.00	14.43	274.52	2,166.38	22.85	-288.92	289.82	0.00	0.00	0.00
2,300.00	14.43	274.52	2,263.22	24.82	-313.77	314.75	0.00	0.00	0.00
2,400.00	14.43	274.52	2,360.07	26.78	-338.61	339.67	0.00	0.00	0.00
2,500.00	14.43	274.52	2,456.91	28.74	-363.45	364.59	0.00	0.00	0.00
2,600.00	14.43	274.52	2,553.76	30.71	-388.30	389.51	0.00	0.00	0.00
2,700.00	14.43	274.52	2,650.60	32.67	-413.14	414.43	0.00	0.00	0.00
2,800.00	14.43	274.52	2,747.44	34.64	-437.99	439.36	0.00	0.00	0.00
2,900.00	14.43	274.52	2,844.29	36.60	-462.83	464.28	0.00	0.00	0.00
3,000.00	14.43	274.52	2,941.13	38.57	-487.68	489.20	0.00	0.00	0.00
3,100.00	14.43	274.52	3,037.98	40.53	-512.52	514.12	0.00	0.00	0.00
3,200.00	14.43	274.52	3,134.82	42.50	-537.37	539.05	0.00	0.00	0.00
3,300.00	14.43	274.52	3,231.67	44.46	-562.21	563.97	0.00	0.00	0.00
3,400.00	14.43	274.52	3,328.51	46.43	-587.06	588.89	0.00	0.00	0.00
3,451.10	14.43	274.52	3,378.00	47.43	-599.75	601.63	0.00	0.00	0.00
Mesaverde									
3,500.00	14.43	274.52	3,425.36	48.39	-611.90	613.81	0.00	0.00	0.00
3,600.00	14.43	274.52	3,522.20	50.36	-636.75	638.74	0.00	0.00	0.00
3,700.00	14.43	274.52	3,619.05	52.32	-661.59	663.66	0.00	0.00	0.00
3,800.00	14.43	274.52	3,715.89	54.29	-686.44	688.58	0.00	0.00	0.00
3,900.00	14.43	274.52	3,812.74	56.25	-711.28	713.50	0.00	0.00	0.00
4,000.00	14.43	274.52	3,909.58	58.22	-736.13	738.42	0.00	0.00	0.00
4,100.00	14.43	274.52	4,006.42	60.18	-760.97	763.35	0.00	0.00	0.00
4,200.00	14.43	274.52	4,103.27	62.15	-785.82	788.27	0.00	0.00	0.00
4,286.46	14.43	274.52	4,187.00	63.85	-807.30	809.82	0.00	0.00	0.00
Price Coal									
4,300.00	14.43	274.52	4,200.11	64.11	-810.66	813.19	0.00	0.00	0.00
4,400.00	14.43	274.52	4,296.96	66.08	-835.51	838.11	0.00	0.00	0.00
4,500.00	14.43	274.52	4,393.80	68.04	-860.35	863.04	0.00	0.00	0.00

BBC

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Well:	Kaufman 41B-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)
4,600.00	14.43	274.52	4,490.65	70.01	-885.19	887.96	0.00	0.00	0.00
4,638.57	14.43	274.52	4,528.00	70.77	-894.78	897.57	0.00	0.00	0.00
Top Gas									
4,700.00	14.43	274.52	4,587.49	71.97	-910.04	912.88	0.00	0.00	0.00
4,800.00	14.43	274.52	4,684.34	73.94	-934.88	937.80	0.00	0.00	0.00
4,900.00	14.43	274.52	4,781.18	75.90	-959.73	962.73	0.00	0.00	0.00
4,966.97	14.43	274.52	4,846.04	77.22	-976.37	979.42	0.00	0.00	0.00
5,000.00	13.94	274.52	4,878.06	77.86	-984.44	987.51	1.50	-1.50	0.00
5,100.00	12.44	274.52	4,975.42	79.66	-1,007.18	1,010.32	1.50	-1.50	0.00
5,200.00	10.94	274.52	5,073.35	81.25	-1,027.37	1,030.57	1.50	-1.50	0.00
5,300.00	9.44	274.52	5,171.77	82.65	-1,045.00	1,048.26	1.50	-1.50	0.00
5,400.00	7.94	274.52	5,270.62	83.84	-1,060.05	1,063.36	1.50	-1.50	0.00
5,500.00	6.44	274.52	5,369.83	84.82	-1,072.52	1,075.87	1.50	-1.50	0.00
5,600.00	4.94	274.52	5,469.33	85.60	-1,082.40	1,085.78	1.50	-1.50	0.00
5,700.00	3.44	274.52	5,569.06	86.18	-1,089.67	1,093.08	1.50	-1.50	0.00
5,800.00	1.94	274.52	5,668.95	86.55	-1,094.35	1,097.76	1.50	-1.50	0.00
5,900.00	0.44	274.52	5,768.93	86.71	-1,096.41	1,099.83	1.50	-1.50	0.00
5,929.07	0.00	0.00	5,798.00	86.72	-1,096.52	1,099.94	1.50	-1.50	0.00
6,000.00	0.00	0.00	5,868.93	86.72	-1,096.52	1,099.94	0.00	0.00	0.00
6,100.00	0.00	0.00	5,968.93	86.72	-1,096.52	1,099.94	0.00	0.00	0.00
6,200.00	0.00	0.00	6,068.93	86.72	-1,096.52	1,099.94	0.00	0.00	0.00
6,300.00	0.00	0.00	6,168.93	86.72	-1,096.52	1,099.94	0.00	0.00	0.00
6,400.00	0.00	0.00	6,268.93	86.72	-1,096.52	1,099.94	0.00	0.00	0.00
6,500.00	0.00	0.00	6,368.93	86.72	-1,096.52	1,099.94	0.00	0.00	0.00
6,600.00	0.00	0.00	6,468.93	86.72	-1,096.52	1,099.94	0.00	0.00	0.00
6,700.00	0.00	0.00	6,568.93	86.72	-1,096.52	1,099.94	0.00	0.00	0.00
6,800.00	0.00	0.00	6,668.93	86.72	-1,096.52	1,099.94	0.00	0.00	0.00
6,900.00	0.00	0.00	6,768.93	86.72	-1,096.52	1,099.94	0.00	0.00	0.00
7,000.00	0.00	0.00	6,868.93	86.72	-1,096.52	1,099.94	0.00	0.00	0.00
7,100.00	0.00	0.00	6,968.93	86.72	-1,096.52	1,099.94	0.00	0.00	0.00
7,129.07	0.00	0.00	6,998.00	86.72	-1,096.52	1,099.94	0.00	0.00	0.00
Rollins									
7,200.00	0.00	0.00	7,068.93	86.72	-1,096.52	1,099.94	0.00	0.00	0.00
7,300.00	0.00	0.00	7,168.93	86.72	-1,096.52	1,099.94	0.00	0.00	0.00
7,400.00	0.00	0.00	7,268.93	86.72	-1,096.52	1,099.94	0.00	0.00	0.00
7,429.07	0.00	0.00	7,298.00	86.72	-1,096.52	1,099.94	0.00	0.00	0.00

Casing Points

Measured Depth (ft)	Vertical Depth (ft)	Name	Casing Diameter (")	Hole Diameter (")
750.00	750.00	9 5/8"	9-5/8	12-1/4

BBC

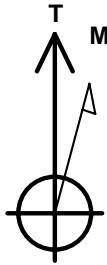
Planning Report

Database:	Compass	Local Co-ordinate Reference:	Well Kaufman 41B-25-692
Company:	BILL BARRETT CORP	TVD Reference:	WELL @ 5786.00ft (Original Well Elev)
Project:	GARFIELD COUNTY, COLORADO NAD 1983	MD Reference:	WELL @ 5786.00ft (Original Well Elev)
Site:	Kaufman Pad #4 NWNW-30-691	North Reference:	True
Well:	Kaufman 41B-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 (°)	
3,451.10	3,378.00	Mesaverde		0.00		
4,286.46	4,187.00	Price Coal		0.00		
4,638.57	4,528.00	Top Gas		0.00		
7,129.07	6,998.00	Rollins		0.00		

WELL DETAILS: Kaufman 41B-25-692

Ground Level: 0.00
+N/-S+E/-W Northing Easting Latitude Longitude Slot
0.00 0.00 1615008.629 2406206.838 30° 11.13' N 106° 16.3944 W



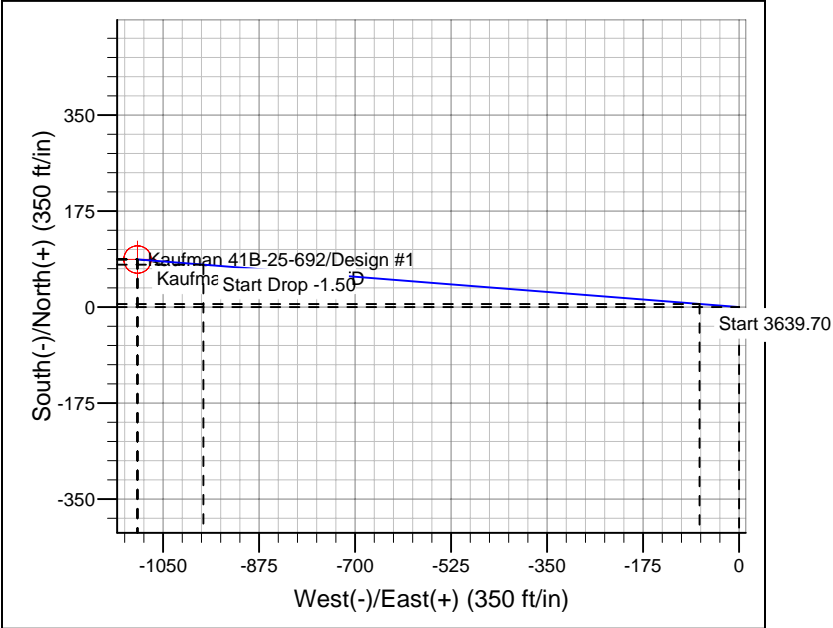
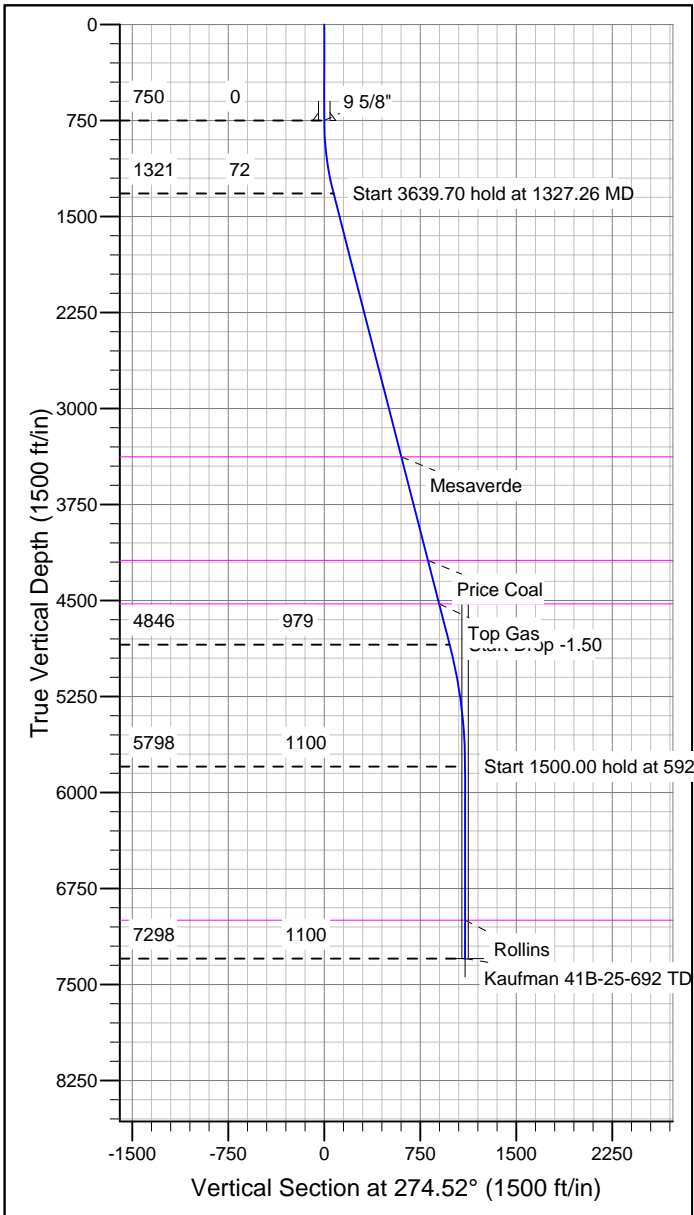
Azimuths to True North
Magnetic North: 10.42°
Magnetic Field
Strength: 52432.4snT
Dip Angle: 65.84°
Date: 12/29/2009
Model: BGGM2007

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	750.00	0.00	0.00	750.00	0.00	0.00	0.00	0.00	0.00	
3	1327.26	14.43	274.52	1321.18	5.70	-72.09	2.50	274.52	72.32	
4	1966.97	14.43	274.52	1846.04	77.22	-976.37	0.00	0.00	979.42	
5	5929.07	0.00	0.00	5798.00	86.72	1096.52	1.50	180.00	099.94	
6	7429.07	0.00	0.00	7298.00	86.72	1096.52	0.00	0.00	099.94	Kaufman 41B-25-692 TD

WELLBORE TARGET DETAILS

Name TVD +N/-S +E/-W Shape
Kaufman 41B-25-692 TD 5786.72 -1096.52 Circle (Radius: 25.00)



CASING DETAILS

TVD MD Name Size
750.00 750.00 9 5/8" 9-5/8

FORMATION TOP DETAILS

TVDPat	MDPath	Formation
3378.00	3451.10	Mesaverde
4187.00	4286.46	Price Coal
4528.00	4638.57	Top Gas
6998.00	7129.07	Rollins

REFERENCE INFORMATION

Co-ordinate (N/E) Reference: Well Kaufman 41B-25-692, True North
Vertical (TVD) Reference: WELL @ 5786.00ft (Original Well Elev)
Section (VS) Reference: Slot - (0.00N, 0.00E)
Measured Depth Reference: WELL @ 5786.00ft (Original Well Elev)
Calculation Method: Minimum Curvature