

BILL BARRETT CORP

GARFIELD COUNTY, COLORADO NAD 1983

Federal NENW-26-692

Federal 11A-26-692

Wellbore #1

Plan: Design #1

Standard Planning Report

01 August, 2011

Bill Barrett Corp

Planning Report

Database:	Compass	Local Co-ordinate Reference:	Well Federal 11A-26-692
Company:	BILL BARRETT CORP	TVD Reference:	WELL @ 6057.00ft (Original Well Elev)
Project:	GARFIELD COUNTY, COLORADO NAD 1983	MD Reference:	WELL @ 6057.00ft (Original Well Elev)
Site:	Federal NENW-26-692	North Reference:	True
Well:	Federal 11A-26-692	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	Federal NENW-26-692		
Site Position:		Northing:	1,614,540.080 ft
From:	Lat/Long	Easting:	2,396,753.691 ft
Position Uncertainty:	0.00 ft	Slot Radius:	"
		Latitude:	39° 30' 4.324 N
		Longitude:	107° 38' 16.8252 W
		Grid Convergence:	-1.35 °

Well	Federal 11A-26-692		
Well Position	+N/-S	384.63 ft	Northing:
	+E/-W	46.56 ft	Easting:
Position Uncertainty		0.00 ft	Wellhead Elevation:
			ft
			Latitude:
			39° 30' 8.125 N
			Longitude:
			107° 38' 16.2312 W
			Ground Level:
			0.00 ft

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF200510	12/31/2009	10.36	65.86	52,475

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	269.63

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	
800.00	0.00	0.00	800.00	0.00	0.00	0.00	0.00	0.00	0.00	
1,314.69	12.87	269.63	1,310.37	-0.38	-57.55	2.50	2.50	0.00	269.63	
4,867.92	12.87	269.63	4,774.38	-5.54	-848.81	0.00	0.00	0.00	0.00	
5,725.73	0.00	0.00	5,625.00	-6.16	-944.73	1.50	-1.50	0.00	180.00	
7,725.73	0.00	0.00	7,625.00	-6.16	-944.73	0.00	0.00	0.00	0.00	Carter 11A-26-692

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Site:	Federal NENW-26-692	North Reference:	True
Well:	Federal 11A-26-692	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	
900.00	2.50	269.63	899.97	-0.01	-2.18	2.18	2.50	2.50	0.00	
1,000.00	5.00	269.63	999.75	-0.06	-8.72	8.72	2.50	2.50	0.00	
1,100.00	7.50	269.63	1,099.14	-0.13	-19.61	19.61	2.50	2.50	0.00	
1,200.00	10.00	269.63	1,197.97	-0.23	-34.82	34.82	2.50	2.50	0.00	
1,300.00	12.50	269.63	1,296.04	-0.35	-54.32	54.33	2.50	2.50	0.00	
1,314.69	12.87	269.63	1,310.37	-0.38	-57.55	57.55	2.50	2.50	0.00	
1,400.00	12.87	269.63	1,393.54	-0.50	-76.55	76.55	0.00	0.00	0.00	
1,500.00	12.87	269.63	1,491.03	-0.64	-98.82	98.82	0.00	0.00	0.00	
1,600.00	12.87	269.63	1,588.52	-0.79	-121.08	121.09	0.00	0.00	0.00	
1,700.00	12.87	269.63	1,686.01	-0.93	-143.35	143.36	0.00	0.00	0.00	
1,800.00	12.87	269.63	1,783.50	-1.08	-165.62	165.63	0.00	0.00	0.00	
1,900.00	12.87	269.63	1,880.99	-1.23	-187.89	187.89	0.00	0.00	0.00	
2,000.00	12.87	269.63	1,978.48	-1.37	-210.16	210.16	0.00	0.00	0.00	
2,100.00	12.87	269.63	2,075.96	-1.52	-232.43	232.43	0.00	0.00	0.00	
2,200.00	12.87	269.63	2,173.45	-1.66	-254.70	254.70	0.00	0.00	0.00	
2,300.00	12.87	269.63	2,270.94	-1.81	-276.97	276.97	0.00	0.00	0.00	
2,400.00	12.87	269.63	2,368.43	-1.95	-299.23	299.24	0.00	0.00	0.00	
2,500.00	12.87	269.63	2,465.92	-2.10	-321.50	321.51	0.00	0.00	0.00	
2,600.00	12.87	269.63	2,563.41	-2.24	-343.77	343.78	0.00	0.00	0.00	
2,700.00	12.87	269.63	2,660.90	-2.39	-366.04	366.05	0.00	0.00	0.00	
2,800.00	12.87	269.63	2,758.39	-2.53	-388.31	388.32	0.00	0.00	0.00	
2,900.00	12.87	269.63	2,855.88	-2.68	-410.58	410.59	0.00	0.00	0.00	
3,000.00	12.87	269.63	2,953.36	-2.82	-432.85	432.86	0.00	0.00	0.00	
3,100.00	12.87	269.63	3,050.85	-2.97	-455.12	455.13	0.00	0.00	0.00	
3,200.00	12.87	269.63	3,148.34	-3.11	-477.38	477.39	0.00	0.00	0.00	
3,300.00	12.87	269.63	3,245.83	-3.26	-499.65	499.66	0.00	0.00	0.00	
3,400.00	12.87	269.63	3,343.32	-3.40	-521.92	521.93	0.00	0.00	0.00	
3,500.00	12.87	269.63	3,440.81	-3.55	-544.19	544.20	0.00	0.00	0.00	
3,600.00	12.87	269.63	3,538.30	-3.69	-566.46	566.47	0.00	0.00	0.00	
3,700.00	12.87	269.63	3,635.79	-3.84	-588.73	588.74	0.00	0.00	0.00	
3,800.00	12.87	269.63	3,733.28	-3.98	-611.00	611.01	0.00	0.00	0.00	
3,900.00	12.87	269.63	3,830.76	-4.13	-633.27	633.28	0.00	0.00	0.00	
4,000.00	12.87	269.63	3,928.25	-4.28	-655.53	655.55	0.00	0.00	0.00	
4,100.00	12.87	269.63	4,025.74	-4.42	-677.80	677.82	0.00	0.00	0.00	
4,200.00	12.87	269.63	4,123.23	-4.57	-700.07	700.09	0.00	0.00	0.00	
4,300.00	12.87	269.63	4,220.72	-4.71	-722.34	722.36	0.00	0.00	0.00	
4,400.00	12.87	269.63	4,318.21	-4.86	-744.61	744.63	0.00	0.00	0.00	
4,500.00	12.87	269.63	4,415.70	-5.00	-766.88	766.89	0.00	0.00	0.00	
4,600.00	12.87	269.63	4,513.19	-5.15	-789.15	789.16	0.00	0.00	0.00	
4,700.00	12.87	269.63	4,610.68	-5.29	-811.42	811.43	0.00	0.00	0.00	
4,800.00	12.87	269.63	4,708.16	-5.44	-833.68	833.70	0.00	0.00	0.00	
4,867.92	12.87	269.63	4,774.38	-5.54	-848.81	848.83	0.00	0.00	0.00	
4,900.00	12.39	269.63	4,805.68	-5.58	-855.82	855.84	1.50	-1.50	0.00	
5,000.00	10.89	269.63	4,903.62	-5.71	-875.99	876.01	1.50	-1.50	0.00	

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Project:	GARFIELD COUNTY, COLORADO NAD 1983	MD Reference:	WELL @ 6057.00ft (Original Well Elev)
Site:	Federal NENW-26-692	North Reference:	True
Well:	Federal 11A-26-692	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)
5,100.00	9.39	269.63	5,002.06	-5.83	-893.59	893.61	1.50	-1.50	0.00
5,200.00	7.89	269.63	5,100.92	-5.93	-908.60	908.62	1.50	-1.50	0.00
5,300.00	6.39	269.63	5,200.15	-6.01	-921.02	921.04	1.50	-1.50	0.00
5,400.00	4.89	269.63	5,299.66	-6.07	-930.85	930.87	1.50	-1.50	0.00
5,500.00	3.39	269.63	5,399.40	-6.12	-938.06	938.08	1.50	-1.50	0.00
5,600.00	1.89	269.63	5,499.29	-6.15	-942.66	942.68	1.50	-1.50	0.00
5,700.00	0.39	269.63	5,599.27	-6.16	-944.64	944.66	1.50	-1.50	0.00
5,725.73	0.00	0.00	5,625.00	-6.16	-944.73	944.75	1.50	-1.50	0.00
5,800.00	0.00	0.00	5,699.27	-6.16	-944.73	944.75	0.00	0.00	0.00
5,900.00	0.00	0.00	5,799.27	-6.16	-944.73	944.75	0.00	0.00	0.00
6,000.00	0.00	0.00	5,899.27	-6.16	-944.73	944.75	0.00	0.00	0.00
6,100.00	0.00	0.00	5,999.27	-6.16	-944.73	944.75	0.00	0.00	0.00
6,200.00	0.00	0.00	6,099.27	-6.16	-944.73	944.75	0.00	0.00	0.00
6,300.00	0.00	0.00	6,199.27	-6.16	-944.73	944.75	0.00	0.00	0.00
6,400.00	0.00	0.00	6,299.27	-6.16	-944.73	944.75	0.00	0.00	0.00
6,500.00	0.00	0.00	6,399.27	-6.16	-944.73	944.75	0.00	0.00	0.00
6,600.00	0.00	0.00	6,499.27	-6.16	-944.73	944.75	0.00	0.00	0.00
6,700.00	0.00	0.00	6,599.27	-6.16	-944.73	944.75	0.00	0.00	0.00
6,800.00	0.00	0.00	6,699.27	-6.16	-944.73	944.75	0.00	0.00	0.00
6,900.00	0.00	0.00	6,799.27	-6.16	-944.73	944.75	0.00	0.00	0.00
7,000.00	0.00	0.00	6,899.27	-6.16	-944.73	944.75	0.00	0.00	0.00
7,100.00	0.00	0.00	6,999.27	-6.16	-944.73	944.75	0.00	0.00	0.00
7,200.00	0.00	0.00	7,099.27	-6.16	-944.73	944.75	0.00	0.00	0.00
7,300.00	0.00	0.00	7,199.27	-6.16	-944.73	944.75	0.00	0.00	0.00
7,400.00	0.00	0.00	7,299.27	-6.16	-944.73	944.75	0.00	0.00	0.00
7,500.00	0.00	0.00	7,399.27	-6.16	-944.73	944.75	0.00	0.00	0.00
7,600.00	0.00	0.00	7,499.27	-6.16	-944.73	944.75	0.00	0.00	0.00
7,700.00	0.00	0.00	7,599.27	-6.16	-944.73	944.75	0.00	0.00	0.00
7,725.73	0.00	0.00	7,625.00	-6.16	-944.73	944.75	0.00	0.00	0.00

Casing Points					
Measured Depth (ft)	Vertical Depth (ft)	Name	Casing Diameter (")	Hole Diameter (")	
800.00	800.00	9 5/8"	9-5/8	12-1/4	

Formations					
Measured Depth (ft)	Vertical Depth (ft)	Name	Lithology	Dip (°)	Dip Direction (°)
3,683.81	3,620.00	Mesaverde		0.00	
4,606.99	4,520.00	Price Coal		0.00	
5,560.68	5,460.00	Top Gas		0.00	
7,425.73	7,325.00	Rollins		0.00	
7,725.73	7,625.00	TD		0.00	

WELL DETAILS: Federal 11A-26-692

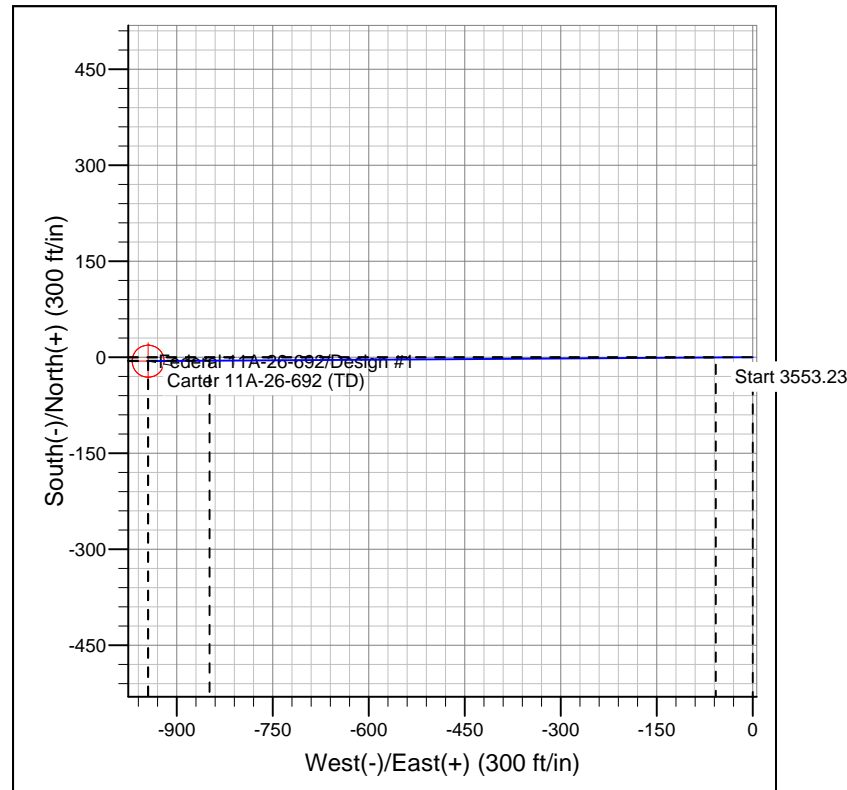
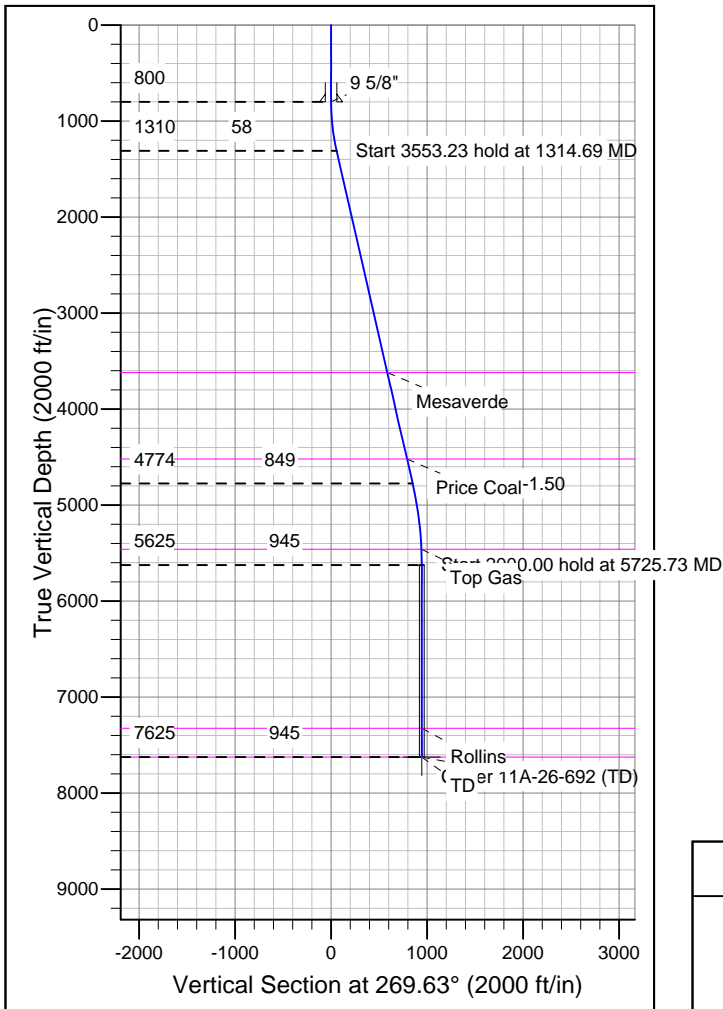
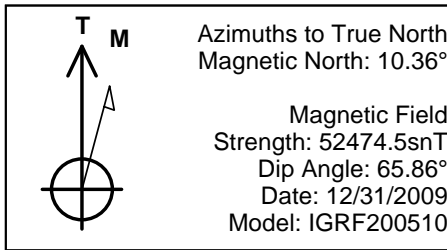
Ground Level: 0.00							Slot
+N/-S 0.00	+E/-W 0.00	Northing 1614923.503	Easting 2396809.288	Latitude 39° 30' 8.125 N	Longitude 07° 38' 16.2312 W		

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	800.00	0.00	0.00	800.00	0.00	0.00	0.00	0.00	0.00	
3	1314.69	12.87	269.63	1310.37	-0.38	-57.55	2.50	269.63	57.55	
4	4867.92	12.87	269.63	4774.38	-5.54	-848.81	0.00	0.00	848.83	
5	5725.73	0.00	0.00	5625.00	-6.16	-944.73	1.50	180.00	944.75	
6	7725.73	0.00	0.00	7625.00	-6.16	-944.73	0.00	0.00	944.75	Carter 11A-26-692 (TD)

WELLBORE TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Shape
Carter 11A-26-692 (TD)	7625.00	-6.16	-944.73	Circle (Radius: 25.00)



FORMATION TOP DETAILS

TVDPath	MDPath	Formation
3620.00	3683.81	Mesaverde
4520.00	4606.99	Price Coal
5460.00	5560.68	Top Gas
7325.00	7425.73	Rollins
7625.00	7725.73	TD

REFERENCE INFORMATION

Co-ordinate (N/E) Reference: Well Federal 11A-26-692, True North
 Vertical (TVD) Reference: WELL @ 6057.00ft (Original Well Elev)
 Section (VS) Reference: Slot - (0.00N, 0.00E)
 Measured Depth Reference: WELL @ 6057.00ft (Original Well Elev)
 Calculation Method: Minimum Curvature