

BILL BARRETT CORP

GARFIELD COUNTY, COLORADO NAD 1983

SCOTT 2-36 PAD - SEC 36-692

Scott 31D-36-692

Wellbore #1

Plan: Design #1

Standard Planning Report

05 March, 2012

Bill Barrett Corp

Planning Report

Database:	Compass	Local Co-ordinate Reference:	Well Scott 31D-36-692
Company:	BILL BARRETT CORP	TVD Reference:	WELL @ 5900.00ft (Original Well Elev)
Project:	GARFIELD COUNTY, COLORADO NAD 1983	MD Reference:	WELL @ 5900.00ft (Original Well Elev)
Site:	SCOTT 2-36 PAD - SEC 36-692	North Reference:	True
Well:	Scott 31D-36-692	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		SCOTT 2-36 PAD - SEC 36-692			
Site Position:		Northing:	1,609,625.779ft	Latitude:	39° 29' 17.279 N
From:	Lat/Long	Easting:	2,403,295.454ft	Longitude:	107° 36' 51.9300 W
Position Uncertainty:	0.00 ft	Slot Radius:	0"	Grid Convergence:	-1.33 °

Well	Scott 31D-36-692					
Well Position	+N-S	-29.90 ft	Northing:	1,609,597.329 ft	Latitude:	39° 29' 16.983 N
	+E-W	-61.81 ft	Easting:	2,403,232.966 ft	Longitude:	107° 36' 52.7184 W
Position Uncertainty		0.00 ft	Wellhead Elevation:	ft	Ground Level:	5,884.50 ft

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	3/5/2012	10.09	65.78	52,223

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	27.87

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	
1,733.59	24.59	27.87	1,703.67	183.74	97.15	2.50	2.50	0.00	27.87	
2,895.87	24.59	27.87	2,760.55	611.30	323.22	0.00	0.00	0.00	0.00	
4,535.19	0.00	0.00	4,350.00	917.53	485.14	1.50	-1.50	0.00	180.00	
7,285.19	0.00	0.00	7,100.00	917.53	485.14	0.00	0.00	0.00	0.00	Scott 31D-36-692 (

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Project:	GARFIELD COUNTY, COLORADO NAD 1983	MD Reference:	WELL @ 5900.00ft (Original Well Elev)
Site:	SCOTT 2-36 PAD - SEC 36-692	North Reference:	True
Well:	Scott 31D-36-692	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	
800.00	1.25	27.87	800.00	0.48	0.25	0.55	2.50	2.50	0.00	
900.00	3.75	27.87	899.89	4.34	2.29	4.91	2.50	2.50	0.00	
1,000.00	6.25	27.87	999.50	12.04	6.37	13.62	2.50	2.50	0.00	
1,100.00	8.75	27.87	1,098.64	23.58	12.47	26.67	2.50	2.50	0.00	
1,200.00	11.25	27.87	1,197.11	38.93	20.58	44.04	2.50	2.50	0.00	
1,300.00	13.75	27.87	1,294.74	58.06	30.70	65.68	2.50	2.50	0.00	
1,400.00	16.25	27.87	1,391.32	80.94	42.80	91.56	2.50	2.50	0.00	
1,500.00	18.75	27.87	1,486.69	107.52	56.85	121.63	2.50	2.50	0.00	
1,600.00	21.25	27.87	1,580.65	137.76	72.84	155.83	2.50	2.50	0.00	
1,700.00	23.75	27.87	1,673.03	171.58	90.72	194.09	2.50	2.50	0.00	
1,733.59	24.59	27.87	1,703.67	183.74	97.15	207.84	2.50	2.50	0.00	
1,800.00	24.59	27.87	1,764.06	208.17	110.07	235.48	0.00	0.00	0.00	
1,900.00	24.59	27.87	1,854.99	244.96	129.52	277.09	0.00	0.00	0.00	
2,000.00	24.59	27.87	1,945.92	281.74	148.97	318.70	0.00	0.00	0.00	
2,100.00	24.59	27.87	2,036.85	318.53	168.42	360.31	0.00	0.00	0.00	
2,200.00	24.59	27.87	2,127.78	355.32	187.87	401.93	0.00	0.00	0.00	
2,300.00	24.59	27.87	2,218.72	392.10	207.32	443.54	0.00	0.00	0.00	
2,400.00	24.59	27.87	2,309.65	428.89	226.77	485.15	0.00	0.00	0.00	
2,500.00	24.59	27.87	2,400.58	465.67	246.22	526.76	0.00	0.00	0.00	
2,600.00	24.59	27.87	2,491.51	502.46	265.67	568.37	0.00	0.00	0.00	
2,700.00	24.59	27.87	2,582.44	539.25	285.12	609.98	0.00	0.00	0.00	
2,800.00	24.59	27.87	2,673.37	576.03	304.57	651.60	0.00	0.00	0.00	
2,895.87	24.59	27.87	2,760.55	611.30	323.22	691.49	0.00	0.00	0.00	
2,900.00	24.53	27.87	2,764.30	612.82	324.02	693.21	1.50	-1.50	0.00	
3,000.00	23.03	27.87	2,855.81	648.46	342.87	733.52	1.50	-1.50	0.00	
3,100.00	21.53	27.87	2,948.34	681.97	360.59	771.43	1.50	-1.50	0.00	
3,200.00	20.03	27.87	3,041.84	713.33	377.17	806.91	1.50	-1.50	0.00	
3,300.00	18.53	27.87	3,136.23	742.52	392.60	839.92	1.50	-1.50	0.00	
3,400.00	17.03	27.87	3,231.45	769.51	406.87	870.45	1.50	-1.50	0.00	
3,500.00	15.53	27.87	3,327.44	794.28	419.97	898.48	1.50	-1.50	0.00	
3,600.00	14.03	27.87	3,424.13	816.83	431.90	923.99	1.50	-1.50	0.00	
3,700.00	12.53	27.87	3,521.45	837.14	442.63	946.95	1.50	-1.50	0.00	
3,800.00	11.03	27.87	3,619.35	855.18	452.17	967.36	1.50	-1.50	0.00	
3,900.00	9.53	27.87	3,717.74	870.95	460.51	985.21	1.50	-1.50	0.00	
4,000.00	8.03	27.87	3,816.56	884.44	467.64	1,000.47	1.50	-1.50	0.00	
4,100.00	6.53	27.87	3,915.76	895.64	473.57	1,013.13	1.50	-1.50	0.00	
4,200.00	5.03	27.87	4,015.24	904.54	478.27	1,023.20	1.50	-1.50	0.00	
4,300.00	3.53	27.87	4,114.96	911.13	481.76	1,030.66	1.50	-1.50	0.00	
4,400.00	2.03	27.87	4,214.84	915.42	484.02	1,035.50	1.50	-1.50	0.00	
4,500.00	0.53	27.87	4,314.81	917.39	485.07	1,037.73	1.50	-1.50	0.00	
4,535.19	0.00	0.00	4,350.00	917.53	485.14	1,037.90	1.50	-1.50	0.00	
4,600.00	0.00	0.00	4,414.81	917.53	485.14	1,037.90	0.00	0.00	0.00	
4,700.00	0.00	0.00	4,514.81	917.53	485.14	1,037.90	0.00	0.00	0.00	
4,800.00	0.00	0.00	4,614.81	917.53	485.14	1,037.90	0.00	0.00	0.00	

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Planning Report

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Company:	BILL BARRETT CORP	TVD Reference:	WELL @ 5900.00ft (Original Well Elev)
Project:	GARFIELD COUNTY, COLORADO NAD 1983	MD Reference:	WELL @ 5900.00ft (Original Well Elev)
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Well:	Scott 31D-36-692	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)	
4,900.00	0.00	0.00	4,714.81	917.53	485.14	1,037.90	0.00	0.00	0.00	
5,000.00	0.00	0.00	4,814.81	917.53	485.14	1,037.90	0.00	0.00	0.00	
5,100.00	0.00	0.00	4,914.81	917.53	485.14	1,037.90	0.00	0.00	0.00	
5,200.00	0.00	0.00	5,014.81	917.53	485.14	1,037.90	0.00	0.00	0.00	
5,300.00	0.00	0.00	5,114.81	917.53	485.14	1,037.90	0.00	0.00	0.00	
5,400.00	0.00	0.00	5,214.81	917.53	485.14	1,037.90	0.00	0.00	0.00	
5,500.00	0.00	0.00	5,314.81	917.53	485.14	1,037.90	0.00	0.00	0.00	
5,600.00	0.00	0.00	5,414.81	917.53	485.14	1,037.90	0.00	0.00	0.00	
5,700.00	0.00	0.00	5,514.81	917.53	485.14	1,037.90	0.00	0.00	0.00	
5,800.00	0.00	0.00	5,614.81	917.53	485.14	1,037.90	0.00	0.00	0.00	
5,900.00	0.00	0.00	5,714.81	917.53	485.14	1,037.90	0.00	0.00	0.00	
6,000.00	0.00	0.00	5,814.81	917.53	485.14	1,037.90	0.00	0.00	0.00	
6,100.00	0.00	0.00	5,914.81	917.53	485.14	1,037.90	0.00	0.00	0.00	
6,200.00	0.00	0.00	6,014.81	917.53	485.14	1,037.90	0.00	0.00	0.00	
6,300.00	0.00	0.00	6,114.81	917.53	485.14	1,037.90	0.00	0.00	0.00	
6,400.00	0.00	0.00	6,214.81	917.53	485.14	1,037.90	0.00	0.00	0.00	
6,500.00	0.00	0.00	6,314.81	917.53	485.14	1,037.90	0.00	0.00	0.00	
6,600.00	0.00	0.00	6,414.81	917.53	485.14	1,037.90	0.00	0.00	0.00	
6,700.00	0.00	0.00	6,514.81	917.53	485.14	1,037.90	0.00	0.00	0.00	
6,800.00	0.00	0.00	6,614.81	917.53	485.14	1,037.90	0.00	0.00	0.00	
6,900.00	0.00	0.00	6,714.81	917.53	485.14	1,037.90	0.00	0.00	0.00	
7,000.00	0.00	0.00	6,814.81	917.53	485.14	1,037.90	0.00	0.00	0.00	
7,100.00	0.00	0.00	6,914.81	917.53	485.14	1,037.90	0.00	0.00	0.00	
7,200.00	0.00	0.00	7,014.81	917.53	485.14	1,037.90	0.00	0.00	0.00	
7,285.19	0.00	0.00	7,100.00	917.53	485.14	1,037.90	0.00	0.00	0.00	

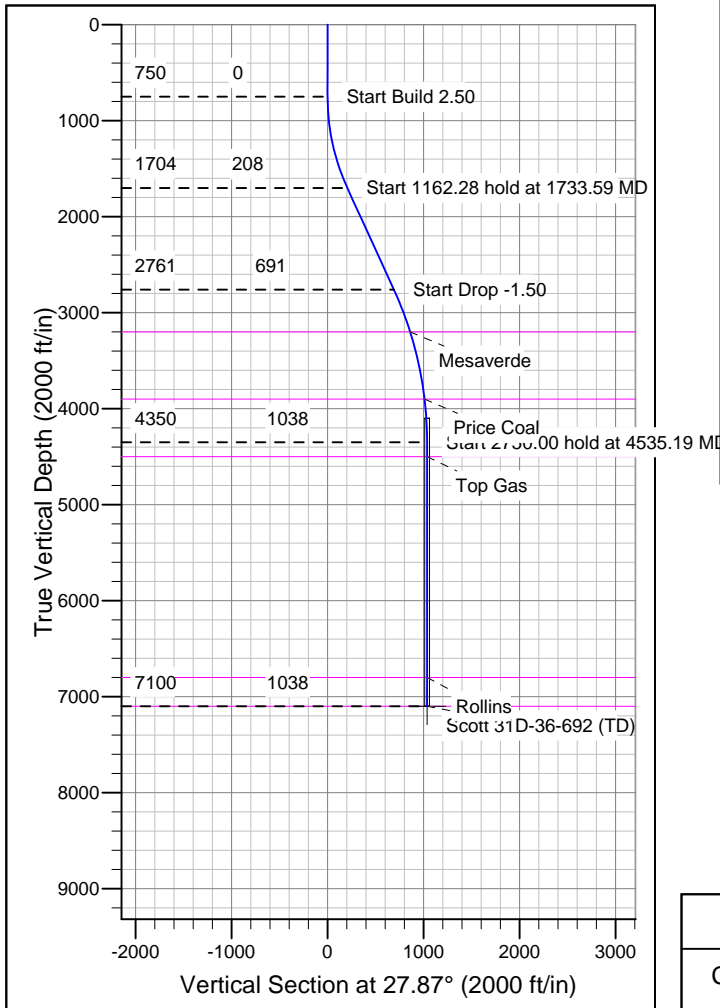
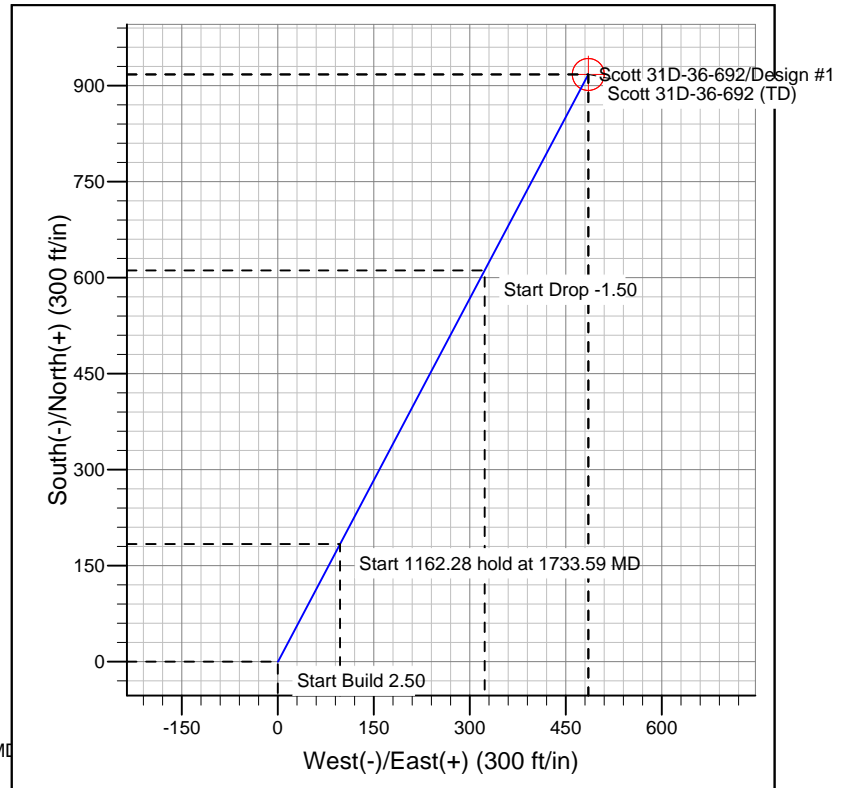
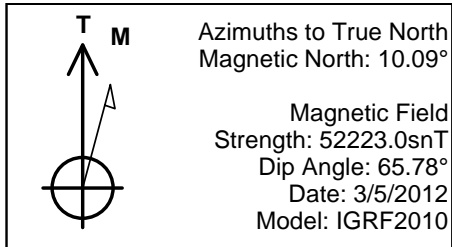
Formations						
Measured Depth (ft)	Vertical Depth (ft)	Name	Lithology	Dip (°)	Dip Direction (°)	
3,367.06	3,200.00	Mesaverde		0.00		
4,084.14	3,900.00	Price Coal		0.00		
4,685.19	4,500.00	Top Gas		0.00		
6,985.19	6,800.00	Rollins		0.00		
7,285.19	7,100.00	TD		0.00		

WELL DETAILS: Scott 31D-36-692

+N/-S	+E/-W	Northing	Ground Level:	5884.50		
0.00	0.00	1609597.329	Easting	2403232.966	Latitude	Longitude
					39° 29' 16.983 N	107° 36' 52.7184 W
						Slot

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	1733.59	24.59	27.87	1703.67	183.74	97.15	2.50	27.87	207.84	
4	2895.87	24.59	27.87	2760.55	611.30	323.22	0.00	0.00	691.49	
5	4535.19	0.00	0.00	4350.00	917.53	485.14	1.50	180.00	1037.90	
6	7285.19	0.00	0.00	7100.00	917.53	485.14	0.00	0.00	1037.90	Scott 31D-36-692 (TD)



FORMATION TOP DETAILS

TVDPath	MDPath	Formation
3200.00	3367.06	Mesaverde
3900.00	4084.14	Price Coal
4500.00	4685.19	Top Gas
6800.00	6985.19	Rollins
7100.00	7285.19	TD

REFERENCE INFORMATION

Co-ordinate (N/E) Reference: Well Scott 31D-36-692, True North
 Vertical (TVD) Reference: WELL @ 5900.00ft (Original Well Elev)
 Section (VS) Reference: Slot - (0.00N, 0.00E)
 Measured Depth Reference: WELL @ 5900.00ft (Original Well Elev)
 Calculation Method: Minimum Curvature