

BILL BARRETT CORP

GARFIELD COUNTY, COLORADO NAD 1983

SCOTT 2-36 PAD - SEC 36-692

Scott 31B-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 31B-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 31B-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:	1,609,625.779 ft
From:	Lat/Long	Easting:	2,403,295.454 ft
Position Uncertainty:	0.00 ft	Slot Radius:	0"
		Latitude:	39° 29' 17.279 N
		Longitude:	107° 36' 51.9300 W
		Grid Convergence:	-1.33 °

Well	Scott 31B-36-692		
Well Position	+N/-S	-30.26 ft	Northing:
	+E/-W	-51.93 ft	Easting:
Position Uncertainty		0.00 ft	Wellhead Elevation:
			Latitude:
			Longitude:
			Ground Level:

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	58.49

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	0.01	0.00	0.00	0.00	0.00	0.00	
750.00	0.00	0.00	750.00	0.01	0.00	0.00	0.00	0.00	0.00	
1,211.87	11.55	58.49	1,208.75	24.25	39.54	2.50	2.50	0.00	58.49	
3,382.47	11.55	58.49	3,335.42	251.36	409.94	0.00	0.00	0.00	0.00	
4,152.25	0.00	0.00	4,100.00	291.77	475.84	1.50	-1.50	0.00	180.00	
7,152.25	0.00	0.00	7,100.00	291.77	475.84	0.00	0.00	0.00	0.00	Scott 31B-36-692 (

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Site:	SCOTT 2-36 PAD - SEC 36-692	North Reference:	True
Well:	Scott 31B-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	0.01	0.00	0.00	0.00	0.00	0.00	
100.00	0.00	0.00	100.00	0.01	0.00	0.00	0.00	0.00	0.00	
200.00	0.00	0.00	200.00	0.01	0.00	0.00	0.00	0.00	0.00	
300.00	0.00	0.00	300.00	0.01	0.00	0.00	0.00	0.00	0.00	
400.00	0.00	0.00	400.00	0.01	0.00	0.00	0.00	0.00	0.00	
500.00	0.00	0.00	500.00	0.01	0.00	0.00	0.00	0.00	0.00	
600.00	0.00	0.00	600.00	0.01	0.00	0.00	0.00	0.00	0.00	
700.00	0.00	0.00	700.00	0.01	0.00	0.00	0.00	0.00	0.00	
750.00	0.00	0.00	750.00	0.01	0.00	0.00	0.00	0.00	0.00	
800.00	1.25	58.49	800.00	0.29	0.46	0.55	2.50	2.50	0.00	
900.00	3.75	58.49	899.89	2.57	4.18	4.91	2.50	2.50	0.00	
1,000.00	6.25	58.49	999.50	7.13	11.61	13.62	2.50	2.50	0.00	
1,100.00	8.75	58.49	1,098.64	13.95	22.74	26.68	2.50	2.50	0.00	
1,200.00	11.25	58.49	1,197.11	23.03	37.54	44.04	2.50	2.50	0.00	
1,211.87	11.55	58.49	1,208.75	24.25	39.54	46.38	2.50	2.50	0.00	
1,300.00	11.55	58.49	1,295.10	33.47	54.58	64.03	0.00	0.00	0.00	
1,400.00	11.55	58.49	1,393.07	43.94	71.64	84.04	0.00	0.00	0.00	
1,500.00	11.55	58.49	1,491.05	54.40	88.71	104.06	0.00	0.00	0.00	
1,600.00	11.55	58.49	1,589.03	64.86	105.77	124.07	0.00	0.00	0.00	
1,700.00	11.55	58.49	1,687.00	75.33	122.84	144.09	0.00	0.00	0.00	
1,800.00	11.55	58.49	1,784.98	85.79	139.90	164.11	0.00	0.00	0.00	
1,900.00	11.55	58.49	1,882.95	96.25	156.97	184.12	0.00	0.00	0.00	
2,000.00	11.55	58.49	1,980.93	106.71	174.03	204.14	0.00	0.00	0.00	
2,100.00	11.55	58.49	2,078.91	117.18	191.09	224.16	0.00	0.00	0.00	
2,200.00	11.55	58.49	2,176.88	127.64	208.16	244.17	0.00	0.00	0.00	
2,300.00	11.55	58.49	2,274.86	138.10	225.22	264.19	0.00	0.00	0.00	
2,400.00	11.55	58.49	2,372.83	148.57	242.29	284.21	0.00	0.00	0.00	
2,500.00	11.55	58.49	2,470.81	159.03	259.35	304.22	0.00	0.00	0.00	
2,600.00	11.55	58.49	2,568.79	169.49	276.42	324.24	0.00	0.00	0.00	
2,700.00	11.55	58.49	2,666.76	179.96	293.48	344.26	0.00	0.00	0.00	
2,800.00	11.55	58.49	2,764.74	190.42	310.54	364.27	0.00	0.00	0.00	
2,900.00	11.55	58.49	2,862.72	200.88	327.61	384.29	0.00	0.00	0.00	
3,000.00	11.55	58.49	2,960.69	211.34	344.67	404.31	0.00	0.00	0.00	
3,100.00	11.55	58.49	3,058.67	221.81	361.74	424.32	0.00	0.00	0.00	
3,200.00	11.55	58.49	3,156.64	232.27	378.80	444.34	0.00	0.00	0.00	
3,300.00	11.55	58.49	3,254.62	242.73	395.86	464.36	0.00	0.00	0.00	
3,382.47	11.55	58.49	3,335.42	251.36	409.94	480.86	0.00	0.00	0.00	
3,400.00	11.28	58.49	3,352.61	253.18	412.90	484.33	1.50	-1.50	0.00	
3,500.00	9.78	58.49	3,450.92	262.73	428.48	502.61	1.50	-1.50	0.00	
3,600.00	8.28	58.49	3,549.67	270.94	441.87	518.31	1.50	-1.50	0.00	
3,700.00	6.78	58.49	3,648.81	277.79	453.04	531.42	1.50	-1.50	0.00	
3,800.00	5.28	58.49	3,748.25	283.29	462.00	541.94	1.50	-1.50	0.00	
3,900.00	3.78	58.49	3,847.94	287.42	468.74	549.84	1.50	-1.50	0.00	
4,000.00	2.28	58.49	3,947.79	290.18	473.25	555.13	1.50	-1.50	0.00	
4,100.00	0.78	58.49	4,047.75	291.58	475.53	557.81	1.50	-1.50	0.00	
4,152.25	0.00	0.00	4,100.00	291.77	475.84	558.17	1.50	-1.50	0.00	
4,200.00	0.00	0.00	4,147.75	291.77	475.84	558.17	0.00	0.00	0.00	
4,300.00	0.00	0.00	4,247.75	291.77	475.84	558.17	0.00	0.00	0.00	
4,400.00	0.00	0.00	4,347.75	291.77	475.84	558.17	0.00	0.00	0.00	
4,500.00	0.00	0.00	4,447.75	291.77	475.84	558.17	0.00	0.00	0.00	
4,600.00	0.00	0.00	4,547.75	291.77	475.84	558.17	0.00	0.00	0.00	
4,700.00	0.00	0.00	4,647.75	291.77	475.84	558.17	0.00	0.00	0.00	
4,800.00	0.00	0.00	4,747.75	291.77	475.84	558.17	0.00	0.00	0.00	

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Well:	Scott 31B-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	4,847.75	291.77	475.84	558.17	0.00	0.00	0.00	
5,000.00	0.00	0.00	4,947.75	291.77	475.84	558.17	0.00	0.00	0.00	
5,100.00	0.00	0.00	5,047.75	291.77	475.84	558.17	0.00	0.00	0.00	
5,200.00	0.00	0.00	5,147.75	291.77	475.84	558.17	0.00	0.00	0.00	
5,300.00	0.00	0.00	5,247.75	291.77	475.84	558.17	0.00	0.00	0.00	
5,400.00	0.00	0.00	5,347.75	291.77	475.84	558.17	0.00	0.00	0.00	
5,500.00	0.00	0.00	5,447.75	291.77	475.84	558.17	0.00	0.00	0.00	
5,600.00	0.00	0.00	5,547.75	291.77	475.84	558.17	0.00	0.00	0.00	
5,700.00	0.00	0.00	5,647.75	291.77	475.84	558.17	0.00	0.00	0.00	
5,800.00	0.00	0.00	5,747.75	291.77	475.84	558.17	0.00	0.00	0.00	
5,900.00	0.00	0.00	5,847.75	291.77	475.84	558.17	0.00	0.00	0.00	
6,000.00	0.00	0.00	5,947.75	291.77	475.84	558.17	0.00	0.00	0.00	
6,100.00	0.00	0.00	6,047.75	291.77	475.84	558.17	0.00	0.00	0.00	
6,200.00	0.00	0.00	6,147.75	291.77	475.84	558.17	0.00	0.00	0.00	
6,300.00	0.00	0.00	6,247.75	291.77	475.84	558.17	0.00	0.00	0.00	
6,400.00	0.00	0.00	6,347.75	291.77	475.84	558.17	0.00	0.00	0.00	
6,500.00	0.00	0.00	6,447.75	291.77	475.84	558.17	0.00	0.00	0.00	
6,600.00	0.00	0.00	6,547.75	291.77	475.84	558.17	0.00	0.00	0.00	
6,700.00	0.00	0.00	6,647.75	291.77	475.84	558.17	0.00	0.00	0.00	
6,800.00	0.00	0.00	6,747.75	291.77	475.84	558.17	0.00	0.00	0.00	
6,900.00	0.00	0.00	6,847.75	291.77	475.84	558.17	0.00	0.00	0.00	
7,000.00	0.00	0.00	6,947.75	291.77	475.84	558.17	0.00	0.00	0.00	
7,100.00	0.00	0.00	7,047.75	291.77	475.84	558.17	0.00	0.00	0.00	
7,152.25	0.00	0.00	7,100.00	291.77	475.84	558.17	0.00	0.00	0.00	

Formations						
Measured Depth (ft)	Vertical Depth (ft)	Name	Lithology	Dip (°)	Dip Direction (°)	
3,244.25	3,200.00	Mesaverde		0.00		
3,952.16	3,900.00	Price Coal		0.00		
4,552.25	4,500.00	Top Gas		0.00		
6,852.25	6,800.00	Rollins		0.00		
7,152.25	7,100.00	TD		0.00		



Bill Barrett Corporation

SITE DETAILS: SCOTT 2-36 PAD - SEC 36-692

Site Latitude: 39° 29' 17.279 N

Site Longitude: 107° 36' 51.930 W

COMPANY DETAILS: BILL BARRETT CORP

Calculation Method: Minimum Curvature
Error System: ISCWSA
Scan Method: Closest Approach 3D
Error Surface: Elliptical Conic
Warning Method: Error Ratio

Positional Uncertainty: 0.0

Convergence: -1.33

Local North: True

WELL DETAILS: Scott 31B-36-692

Ground Level: 5884.5

Easting

Latitude

Longitude

Slot

+N/-S
0.0

+E/-W
0.0

Northing
1609596.74

2403242.83

39° 29' 16.980 N

107° 36' 52.592 W

WELLBORE TARGET DETAILS (LAT/LONG)

Name	TVD	+N/-S	+E/-W	Latitude	Longitude	Shape
Scott 31B-36-692 (TD)	7100.0	291.8	475.8	39° 29' 19.864 N	107° 36' 46.523 W	Circle (Radius: 25.0)

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	750.0	0.00	0.00	750.0	0.0	0.0	0.00	0.00	0.0	
3	1211.9	11.55	58.49	1208.7	24.2	39.5	2.50	58.49	46.4	
4	3382.5	11.55	58.49	3335.4	251.4	409.9	0.00	0.00	480.9	
5	4152.2	0.00	0.00	4100.0	291.8	475.8	1.50	180.00	558.2	
6	7152.2	0.00	0.00	7100.0	291.8	475.8	0.00	0.00	558.2	Scott 31B-36-692 (TD)

FORMATION TOP DETAILS

TVDPath	MDPath	Formation
3200.0	3244.3	Mesaverde
3900.0	3952.2	Price Coal
4500.0	4552.2	Top Gas
6800.0	6852.2	Rollins
7100.0	7152.2	TD

CASING DETAILS

No casing data is available

