

BILL BARRETT CORP

GARFIELD COUNTY, COLORADO NAD 1983

Scott Pad 41C-36-692

Scott 43A-25-692

Wellbore #1

Plan: Design #1

Standard Planning Report

07 November, 2011

Bill Barrett Corp

Planning Report

Database:	Compass	Local Co-ordinate Reference:	Well Scott 43A-25-692
Company:	BILL BARRETT CORP	TVD Reference:	WELL @ 5922.00ft (Original Well Elev)
Project:	GARFIELD COUNTY, COLORADO NAD 1983	MD Reference:	WELL @ 5922.00ft (Original Well Elev)
Site:	Scott Pad 41C-36-692	North Reference:	Grid
Well:	Scott 43A-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	Scott Pad 41C-36-692		
Site Position:		Northing:	1,611,087.890 ft
From:	Lat/Long	Easting:	2,405,834.265 ft
Position Uncertainty:	0.00 ft	Slot Radius:	"
		Latitude:	39° 29' 32.309 N
		Longitude:	107° 36' 19.9872 W
		Grid Convergence:	-1.33 °

Well	Scott 43A-25-692		
Well Position	+N/-S	24.01 ft	Northing:
	+E/-W	1.12 ft	Easting:
Position Uncertainty		0.00 ft	Wellhead Elevation:
			ft
			Latitude:
			39° 29' 32.546 N
			Longitude:
			107° 36' 19.9800 W
			Ground Level:
			0.00 ft

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	11/7/2011	10.12	65.80	52,259

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	324.53

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	
730.00	0.00	0.00	730.00	0.00	0.00	0.00	0.00	0.00	0.00	
2,048.38	32.96	324.53	1,976.86	300.42	-214.02	2.50	2.50	0.00	324.53	
2,632.41	32.96	324.53	2,466.89	559.20	-398.38	0.00	0.00	0.00	0.00	
4,829.71	0.00	0.00	4,545.00	1,059.90	-755.09	1.50	-1.50	0.00	180.00	
7,579.71	0.00	0.00	7,295.00	1,059.90	-755.09	0.00	0.00	0.00	0.00	Scott 43A-25-692 (

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Project:	GARFIELD COUNTY, COLORADO NAD 1983	MD Reference:	WELL @ 5922.00ft (Original Well Elev)
Site:	Scott Pad 41C-36-692	North Reference:	Grid
Well:	Scott 43A-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
730.00	0.00	0.00	730.00	0.00	0.00	0.00	0.00	0.00	0.00
800.00	1.75	324.53	799.99	0.87	-0.62	1.07	2.50	2.50	0.00
900.00	4.25	324.53	899.84	5.13	-3.66	6.30	2.50	2.50	0.00
1,000.00	6.75	324.53	999.38	12.94	-9.22	15.89	2.50	2.50	0.00
1,100.00	9.25	324.53	1,098.39	24.27	-17.29	29.80	2.50	2.50	0.00
1,200.00	11.75	324.53	1,196.71	39.11	-27.87	48.02	2.50	2.50	0.00
1,300.00	14.25	324.53	1,294.14	57.43	-40.92	70.52	2.50	2.50	0.00
1,400.00	16.75	324.53	1,390.50	79.20	-56.42	97.24	2.50	2.50	0.00
1,500.00	19.25	324.53	1,485.60	104.36	-74.35	128.14	2.50	2.50	0.00
1,600.00	21.75	324.53	1,579.26	132.88	-94.67	163.16	2.50	2.50	0.00
1,700.00	24.25	324.53	1,671.30	164.70	-117.34	202.23	2.50	2.50	0.00
1,800.00	26.75	324.53	1,761.55	199.76	-142.32	245.27	2.50	2.50	0.00
1,900.00	29.25	324.53	1,849.84	238.00	-169.55	292.22	2.50	2.50	0.00
2,000.00	31.75	324.53	1,935.99	279.33	-199.00	342.97	2.50	2.50	0.00
2,048.38	32.96	324.53	1,976.86	300.42	-214.02	368.86	2.50	2.50	0.00
2,100.00	32.96	324.53	2,020.17	323.29	-230.32	396.94	0.00	0.00	0.00
2,200.00	32.96	324.53	2,104.08	367.60	-261.88	451.35	0.00	0.00	0.00
2,300.00	32.96	324.53	2,187.99	411.91	-293.45	505.75	0.00	0.00	0.00
2,400.00	32.96	324.53	2,271.89	456.22	-325.02	560.15	0.00	0.00	0.00
2,500.00	32.96	324.53	2,355.80	500.53	-356.59	614.56	0.00	0.00	0.00
2,600.00	32.96	324.53	2,439.70	544.84	-388.15	668.96	0.00	0.00	0.00
2,632.41	32.96	324.53	2,466.89	559.20	-398.38	686.60	0.00	0.00	0.00
2,700.00	31.95	324.53	2,523.93	588.74	-419.43	722.86	1.50	-1.50	0.00
2,800.00	30.45	324.53	2,609.47	630.92	-449.48	774.66	1.50	-1.50	0.00
2,900.00	28.95	324.53	2,696.33	671.27	-478.22	824.20	1.50	-1.50	0.00
3,000.00	27.45	324.53	2,784.46	709.75	-505.64	871.44	1.50	-1.50	0.00
3,100.00	25.95	324.53	2,873.80	746.34	-531.70	916.37	1.50	-1.50	0.00
3,200.00	24.45	324.53	2,964.29	781.01	-556.40	958.94	1.50	-1.50	0.00
3,300.00	22.95	324.53	3,055.85	813.74	-579.72	999.12	1.50	-1.50	0.00
3,400.00	21.45	324.53	3,148.44	844.51	-601.64	1,036.90	1.50	-1.50	0.00
3,500.00	19.95	324.53	3,241.98	873.29	-622.15	1,072.24	1.50	-1.50	0.00
3,600.00	18.45	324.53	3,336.42	900.07	-641.22	1,105.12	1.50	-1.50	0.00
3,700.00	16.95	324.53	3,431.69	924.82	-658.86	1,135.51	1.50	-1.50	0.00
3,800.00	15.45	324.53	3,527.72	947.54	-675.04	1,163.40	1.50	-1.50	0.00
3,900.00	13.95	324.53	3,624.44	968.20	-689.76	1,188.77	1.50	-1.50	0.00
4,000.00	12.45	324.53	3,721.80	986.79	-703.01	1,211.60	1.50	-1.50	0.00
4,100.00	10.95	324.53	3,819.72	1,003.30	-714.77	1,231.87	1.50	-1.50	0.00
4,200.00	9.45	324.53	3,918.14	1,017.72	-725.04	1,249.57	1.50	-1.50	0.00
4,300.00	7.95	324.53	4,016.99	1,030.03	-733.81	1,264.69	1.50	-1.50	0.00
4,400.00	6.45	324.53	4,116.19	1,040.23	-741.08	1,277.21	1.50	-1.50	0.00
4,500.00	4.95	324.53	4,215.70	1,048.31	-746.84	1,287.14	1.50	-1.50	0.00
4,600.00	3.45	324.53	4,315.43	1,054.27	-751.08	1,294.45	1.50	-1.50	0.00
4,700.00	1.95	324.53	4,415.31	1,058.10	-753.81	1,299.16	1.50	-1.50	0.00
4,800.00	0.45	324.53	4,515.29	1,059.80	-755.02	1,301.24	1.50	-1.50	0.00
4,829.71	0.00	0.00	4,545.00	1,059.90	-755.09	1,301.36	1.50	-1.50	0.00

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Well:	Scott 43A-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)
4,900.00	0.00	0.00	4,615.29	1,059.90	-755.09	1,301.36	0.00	0.00	0.00
5,000.00	0.00	0.00	4,715.29	1,059.90	-755.09	1,301.36	0.00	0.00	0.00
5,100.00	0.00	0.00	4,815.29	1,059.90	-755.09	1,301.36	0.00	0.00	0.00
5,200.00	0.00	0.00	4,915.29	1,059.90	-755.09	1,301.36	0.00	0.00	0.00
5,300.00	0.00	0.00	5,015.29	1,059.90	-755.09	1,301.36	0.00	0.00	0.00
5,400.00	0.00	0.00	5,115.29	1,059.90	-755.09	1,301.36	0.00	0.00	0.00
5,500.00	0.00	0.00	5,215.29	1,059.90	-755.09	1,301.36	0.00	0.00	0.00
5,600.00	0.00	0.00	5,315.29	1,059.90	-755.09	1,301.36	0.00	0.00	0.00
5,700.00	0.00	0.00	5,415.29	1,059.90	-755.09	1,301.36	0.00	0.00	0.00
5,800.00	0.00	0.00	5,515.29	1,059.90	-755.09	1,301.36	0.00	0.00	0.00
5,900.00	0.00	0.00	5,615.29	1,059.90	-755.09	1,301.36	0.00	0.00	0.00
6,000.00	0.00	0.00	5,715.29	1,059.90	-755.09	1,301.36	0.00	0.00	0.00
6,100.00	0.00	0.00	5,815.29	1,059.90	-755.09	1,301.36	0.00	0.00	0.00
6,200.00	0.00	0.00	5,915.29	1,059.90	-755.09	1,301.36	0.00	0.00	0.00
6,300.00	0.00	0.00	6,015.29	1,059.90	-755.09	1,301.36	0.00	0.00	0.00
6,400.00	0.00	0.00	6,115.29	1,059.90	-755.09	1,301.36	0.00	0.00	0.00
6,500.00	0.00	0.00	6,215.29	1,059.90	-755.09	1,301.36	0.00	0.00	0.00
6,600.00	0.00	0.00	6,315.29	1,059.90	-755.09	1,301.36	0.00	0.00	0.00
6,700.00	0.00	0.00	6,415.29	1,059.90	-755.09	1,301.36	0.00	0.00	0.00
6,800.00	0.00	0.00	6,515.29	1,059.90	-755.09	1,301.36	0.00	0.00	0.00
6,900.00	0.00	0.00	6,615.29	1,059.90	-755.09	1,301.36	0.00	0.00	0.00
7,000.00	0.00	0.00	6,715.29	1,059.90	-755.09	1,301.36	0.00	0.00	0.00
7,100.00	0.00	0.00	6,815.29	1,059.90	-755.09	1,301.36	0.00	0.00	0.00
7,200.00	0.00	0.00	6,915.29	1,059.90	-755.09	1,301.36	0.00	0.00	0.00
7,300.00	0.00	0.00	7,015.29	1,059.90	-755.09	1,301.36	0.00	0.00	0.00
7,400.00	0.00	0.00	7,115.29	1,059.90	-755.09	1,301.36	0.00	0.00	0.00
7,500.00	0.00	0.00	7,215.29	1,059.90	-755.09	1,301.36	0.00	0.00	0.00
7,579.71	0.00	0.00	7,295.00	1,059.90	-755.09	1,301.36	0.00	0.00	0.00

Casing Points

Measured Depth (ft)	Vertical Depth (ft)	Name	Casing Diameter (")	Hole Diameter (")
730.00	730.00	9 5/8"	9-5/8	12-1/4

Formations

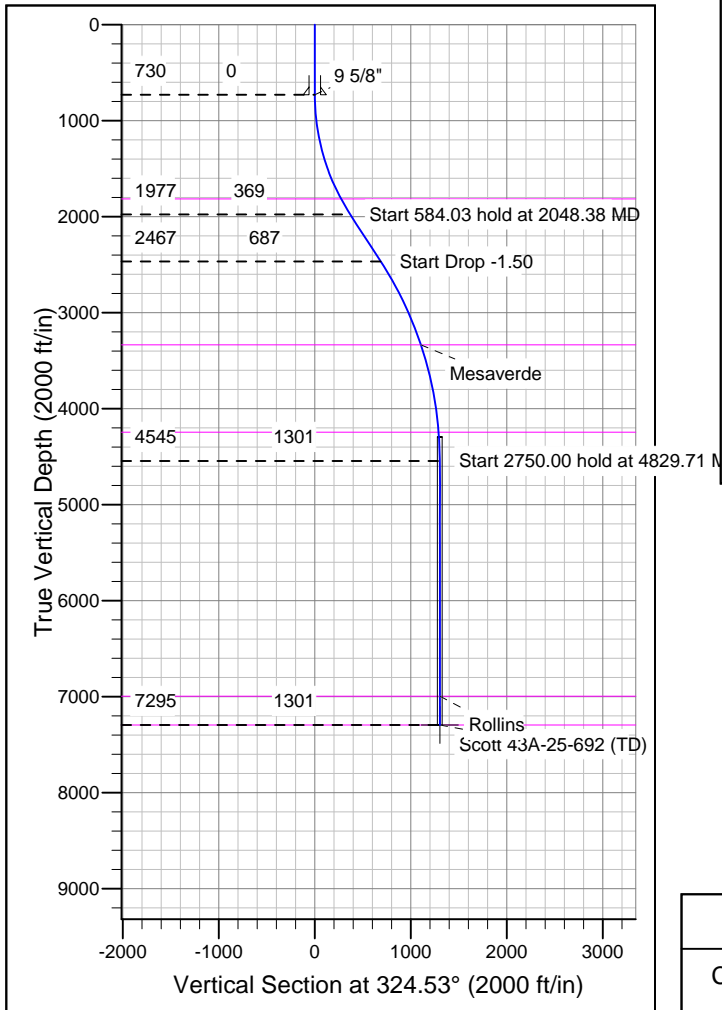
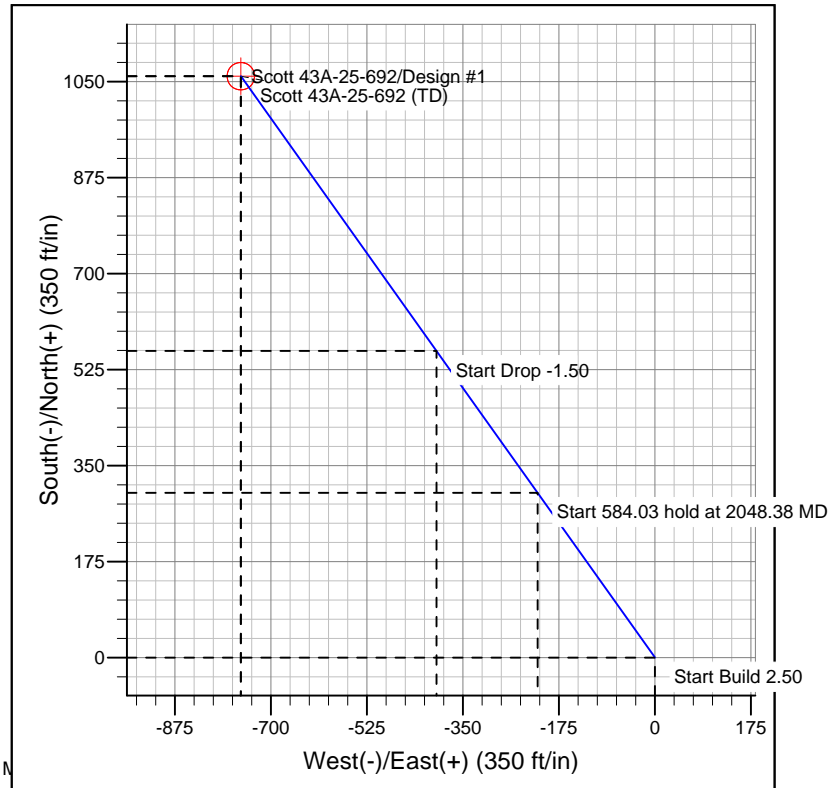
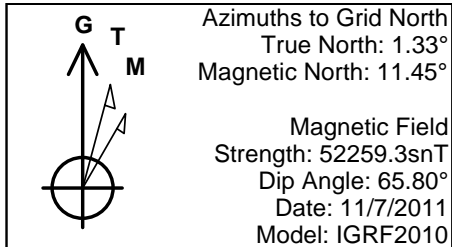
Measured Depth (ft)	Vertical Depth (ft)	Name	Lithology	Dip (°)	Dip Direction (°)
1,860.26	1,815.00	Pirce Coal		0.00	
3,598.50	3,335.00	Mesaverde		0.00	
4,529.40	4,245.00	Top Gas		0.00	
7,279.71	6,995.00	Rollins		0.00	
7,579.71	7,295.00	TD		0.00	

WELL DETAILS: Scott 43A-25-692

			Ground Level:	0.00		
+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
0.00	0.00	1611111.902	2405835.386	39° 29' 32.546 N 107° 36' 19.9800 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	730.00	0.00	0.00	730.00	0.00	0.00	0.00	0.00	0.00	
3	2048.38	32.96	324.53	1976.86	300.42	-214.02	2.50	324.53	368.86	
4	2632.41	32.96	324.53	2466.89	559.20	-398.38	0.00	0.00	686.60	
5	4829.71	0.00	0.00	4545.00	1059.90	-755.09	1.50	180.00	1301.36	
6	7579.71	0.00	0.00	7295.00	1059.90	-755.09	0.00	0.00	1301.36	Scott 43A-25-692 (TD)



FORMATION TOP DETAILS

TVDPPath	MDPath	Formation
1815.00	1860.26	Pirce Coal
3335.00	3598.50	Mesaverde
4245.00	4529.40	Top Gas
6995.00	7279.71	Rollins
7295.00	7579.71	TD

REFERENCE INFORMATION

Co-ordinate (N/E) Reference: Well Scott 43A-25-692, Grid North
 Vertical (TVD) Reference: WELL @ 5922.00ft (Original Well Elev)
 Section (VS) Reference: Slot - (0.00N, 0.00E)
 Measured Depth Reference: WELL @ 5922.00ft (Original Well Elev)
 Calculation Method: Minimum Curvature