

BILL BARRETT CORP

GARFIELD COUNTY, COLORADO NAD 1983

Robinson SESE-26-692

Robinson 44B-26-692

Wellbore #1

Plan: Design #1

Standard Planning Report

27 October, 2011

Bill Barrett Corp

Planning Report

Database:	Compass	Local Co-ordinate Reference:	Well Robinson 44B-26-692
Company:	BILL BARRETT CORP	TVD Reference:	WELL @ 5970.00ft (Original Well Elev)
Project:	GARFIELD COUNTY, COLORADO NAD 1983	MD Reference:	WELL @ 5970.00ft (Original Well Elev)
Site:	Robinson SESE-26-692	North Reference:	True
Well:	Robinson 44B-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	Robinson SESE-26-692		
Site Position:		Northing:	1,611,273.766 ft
From:	Lat/Long	Easting:	2,400,075.613 ft
Position Uncertainty:	0.00 ft	Slot Radius:	"
		Latitude:	39° 29' 32.820 N
		Longitude:	107° 37' 33.4812 W
		Grid Convergence:	-1.34 °

Well	Robinson 44B-26-692		
Well Position	+N/-S	-100.90 ft	Northing:
	+E/-W	-51.93 ft	Easting:
Position Uncertainty		0.00 ft	Wellhead Elevation:
			ft
			Latitude:
			39° 29' 31.823 N
			Longitude:
			107° 37' 34.1436 W
			Ground Level:
			0.00 ft

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	7/22/2009	10.43	65.86	52,490

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	281.84

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	
882.86	3.32	281.84	882.78	0.79	-3.77	2.50	2.50	0.00	281.84	
5,025.73	3.32	281.84	5,018.70	50.05	-238.68	0.00	0.00	0.00	0.00	
5,247.16	0.00	0.00	5,240.00	51.37	-244.96	1.50	-1.50	0.00	180.00	
7,247.16	0.00	0.00	7,240.00	51.37	-244.96	0.00	0.00	0.00	0.00	Robinson 44B-26-6

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Planning Report

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Company:	BILL BARRETT CORP	TVD Reference:	WELL @ 5970.00ft (Original Well Elev)
Project:	GARFIELD COUNTY, COLORADO NAD 1983	MD Reference:	WELL @ 5970.00ft (Original Well Elev)
Site:	Robinson SESE-26-692	North Reference:	True
Well:	Robinson 44B-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	
750.00	0.00	0.00	750.00	0.00	0.00	0.00	0.00	0.00	0.00	
800.00	1.25	281.84	800.00	0.11	-0.53	0.55	2.50	2.50	0.00	
882.86	3.32	281.84	882.78	0.79	-3.77	3.85	2.50	2.50	0.00	
900.00	3.32	281.84	899.90	0.99	-4.74	4.84	0.00	0.00	0.00	
1,000.00	3.32	281.84	999.73	2.18	-10.41	10.64	0.00	0.00	0.00	
1,100.00	3.32	281.84	1,099.56	3.37	-16.08	16.43	0.00	0.00	0.00	
1,200.00	3.32	281.84	1,199.39	4.56	-21.75	22.22	0.00	0.00	0.00	
1,300.00	3.32	281.84	1,299.22	5.75	-27.42	28.02	0.00	0.00	0.00	
1,400.00	3.32	281.84	1,399.06	6.94	-33.09	33.81	0.00	0.00	0.00	
1,500.00	3.32	281.84	1,498.89	8.13	-38.76	39.61	0.00	0.00	0.00	
1,600.00	3.32	281.84	1,598.72	9.32	-44.43	45.40	0.00	0.00	0.00	
1,700.00	3.32	281.84	1,698.55	10.51	-50.10	51.19	0.00	0.00	0.00	
1,800.00	3.32	281.84	1,798.39	11.70	-55.77	56.99	0.00	0.00	0.00	
1,900.00	3.32	281.84	1,898.22	12.88	-61.44	62.78	0.00	0.00	0.00	
2,000.00	3.32	281.84	1,998.05	14.07	-67.11	68.57	0.00	0.00	0.00	
2,100.00	3.32	281.84	2,097.88	15.26	-72.78	74.37	0.00	0.00	0.00	
2,200.00	3.32	281.84	2,197.71	16.45	-78.45	80.16	0.00	0.00	0.00	
2,300.00	3.32	281.84	2,297.55	17.64	-84.12	85.95	0.00	0.00	0.00	
2,400.00	3.32	281.84	2,397.38	18.83	-89.80	91.75	0.00	0.00	0.00	
2,500.00	3.32	281.84	2,497.21	20.02	-95.47	97.54	0.00	0.00	0.00	
2,600.00	3.32	281.84	2,597.04	21.21	-101.14	103.34	0.00	0.00	0.00	
2,700.00	3.32	281.84	2,696.87	22.40	-106.81	109.13	0.00	0.00	0.00	
2,800.00	3.32	281.84	2,796.71	23.59	-112.48	114.92	0.00	0.00	0.00	
2,900.00	3.32	281.84	2,896.54	24.77	-118.15	120.72	0.00	0.00	0.00	
3,000.00	3.32	281.84	2,996.37	25.96	-123.82	126.51	0.00	0.00	0.00	
3,100.00	3.32	281.84	3,096.20	27.15	-129.49	132.30	0.00	0.00	0.00	
3,200.00	3.32	281.84	3,196.03	28.34	-135.16	138.10	0.00	0.00	0.00	
3,300.00	3.32	281.84	3,295.87	29.53	-140.83	143.89	0.00	0.00	0.00	
3,400.00	3.32	281.84	3,395.70	30.72	-146.50	149.69	0.00	0.00	0.00	
3,500.00	3.32	281.84	3,495.53	31.91	-152.17	155.48	0.00	0.00	0.00	
3,600.00	3.32	281.84	3,595.36	33.10	-157.84	161.27	0.00	0.00	0.00	
3,700.00	3.32	281.84	3,695.19	34.29	-163.51	167.07	0.00	0.00	0.00	
3,800.00	3.32	281.84	3,795.03	35.48	-169.18	172.86	0.00	0.00	0.00	
3,900.00	3.32	281.84	3,894.86	36.67	-174.85	178.65	0.00	0.00	0.00	
4,000.00	3.32	281.84	3,994.69	37.85	-180.52	184.45	0.00	0.00	0.00	
4,100.00	3.32	281.84	4,094.52	39.04	-186.19	190.24	0.00	0.00	0.00	
4,200.00	3.32	281.84	4,194.35	40.23	-191.86	196.03	0.00	0.00	0.00	
4,300.00	3.32	281.84	4,294.19	41.42	-197.53	201.83	0.00	0.00	0.00	
4,400.00	3.32	281.84	4,394.02	42.61	-203.20	207.62	0.00	0.00	0.00	
4,500.00	3.32	281.84	4,493.85	43.80	-208.87	213.42	0.00	0.00	0.00	
4,600.00	3.32	281.84	4,593.68	44.99	-214.54	219.21	0.00	0.00	0.00	
4,700.00	3.32	281.84	4,693.51	46.18	-220.21	225.00	0.00	0.00	0.00	
4,800.00	3.32	281.84	4,793.35	47.37	-225.88	230.80	0.00	0.00	0.00	
4,900.00	3.32	281.84	4,893.18	48.56	-231.55	236.59	0.00	0.00	0.00	
5,000.00	3.32	281.84	4,993.01	49.75	-237.22	242.38	0.00	0.00	0.00	

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Project:	GARFIELD COUNTY, COLORADO NAD 1983	MD Reference:	WELL @ 5970.00ft (Original Well Elev)
Site:	Robinson SESE-26-692	North Reference:	True
Well:	Robinson 44B-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)
5,025.73	3.32	281.84	5,018.70	50.05	-238.68	243.87	0.00	0.00	0.00
5,100.00	2.21	281.84	5,092.88	50.79	-242.19	247.46	1.50	-1.50	0.00
5,200.00	0.71	281.84	5,192.84	51.31	-244.68	250.00	1.50	-1.50	0.00
5,247.16	0.00	0.00	5,240.00	51.37	-244.96	250.29	1.50	-1.50	0.00
5,300.00	0.00	0.00	5,292.84	51.37	-244.96	250.29	0.00	0.00	0.00
5,400.00	0.00	0.00	5,392.84	51.37	-244.96	250.29	0.00	0.00	0.00
5,500.00	0.00	0.00	5,492.84	51.37	-244.96	250.29	0.00	0.00	0.00
5,600.00	0.00	0.00	5,592.84	51.37	-244.96	250.29	0.00	0.00	0.00
5,700.00	0.00	0.00	5,692.84	51.37	-244.96	250.29	0.00	0.00	0.00
5,800.00	0.00	0.00	5,792.84	51.37	-244.96	250.29	0.00	0.00	0.00
5,900.00	0.00	0.00	5,892.84	51.37	-244.96	250.29	0.00	0.00	0.00
6,000.00	0.00	0.00	5,992.84	51.37	-244.96	250.29	0.00	0.00	0.00
6,100.00	0.00	0.00	6,092.84	51.37	-244.96	250.29	0.00	0.00	0.00
6,200.00	0.00	0.00	6,192.84	51.37	-244.96	250.29	0.00	0.00	0.00
6,300.00	0.00	0.00	6,292.84	51.37	-244.96	250.29	0.00	0.00	0.00
6,400.00	0.00	0.00	6,392.84	51.37	-244.96	250.29	0.00	0.00	0.00
6,500.00	0.00	0.00	6,492.84	51.37	-244.96	250.29	0.00	0.00	0.00
6,600.00	0.00	0.00	6,592.84	51.37	-244.96	250.29	0.00	0.00	0.00
6,700.00	0.00	0.00	6,692.84	51.37	-244.96	250.29	0.00	0.00	0.00
6,800.00	0.00	0.00	6,792.84	51.37	-244.96	250.29	0.00	0.00	0.00
6,900.00	0.00	0.00	6,892.84	51.37	-244.96	250.29	0.00	0.00	0.00
7,000.00	0.00	0.00	6,992.84	51.37	-244.96	250.29	0.00	0.00	0.00
7,100.00	0.00	0.00	7,092.84	51.37	-244.96	250.29	0.00	0.00	0.00
7,200.00	0.00	0.00	7,192.84	51.37	-244.96	250.29	0.00	0.00	0.00
7,247.16	0.00	0.00	7,240.00	51.37	-244.96	250.29	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

Formations					
Measured Depth (ft)	Vertical Depth (ft)	Name	Lithology	Dip (°)	Dip Direction (°)
3,249.05	3,245.00	Mesaverde		0.00	
4,135.54	4,130.00	Price Coal		0.00	
4,816.68	4,810.00	Top Gas		0.00	
6,947.16	6,940.00	Rollins		0.00	
7,247.16	7,240.00	TD		0.00	

WELL DETAILS: Robinson 44B-26-692

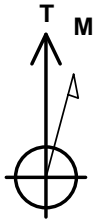
+N/-S	+E/-W	Northing	Ground Level:	0.00		
0.00	0.00	1611174.106	Easting	Latitude	Longitude	Slot
			2400021.338	39° 29' 31.823 N	107° 37' 34.1436 W	

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	750.00	0.00	0.00	750.00	0.00	0.00	0.00	0.00	0.00	
3	882.86	3.32	281.84	882.78	0.79	-3.77	2.50	281.84	3.85	
4	5025.73	3.32	281.84	5018.70	50.05	-238.68	0.00	0.00	243.87	
5	5247.16	0.00	0.00	5240.00	51.37	-244.96	1.50	180.00	250.29	
6	7247.16	0.00	0.00	7240.00	51.37	-244.96	0.00	0.00	250.29	Robinson 44B-26-692 TD

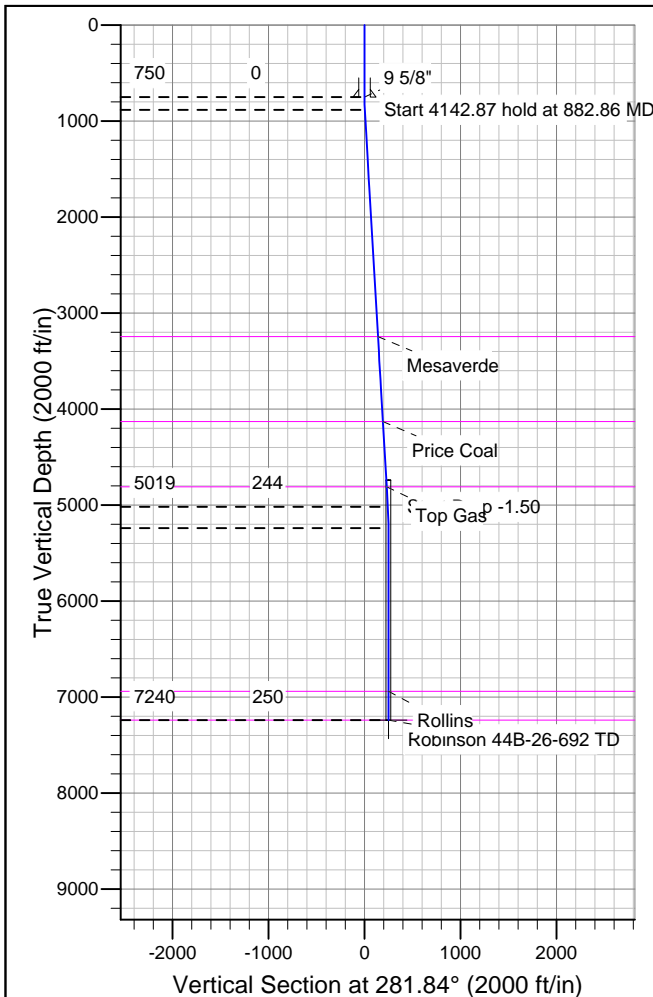
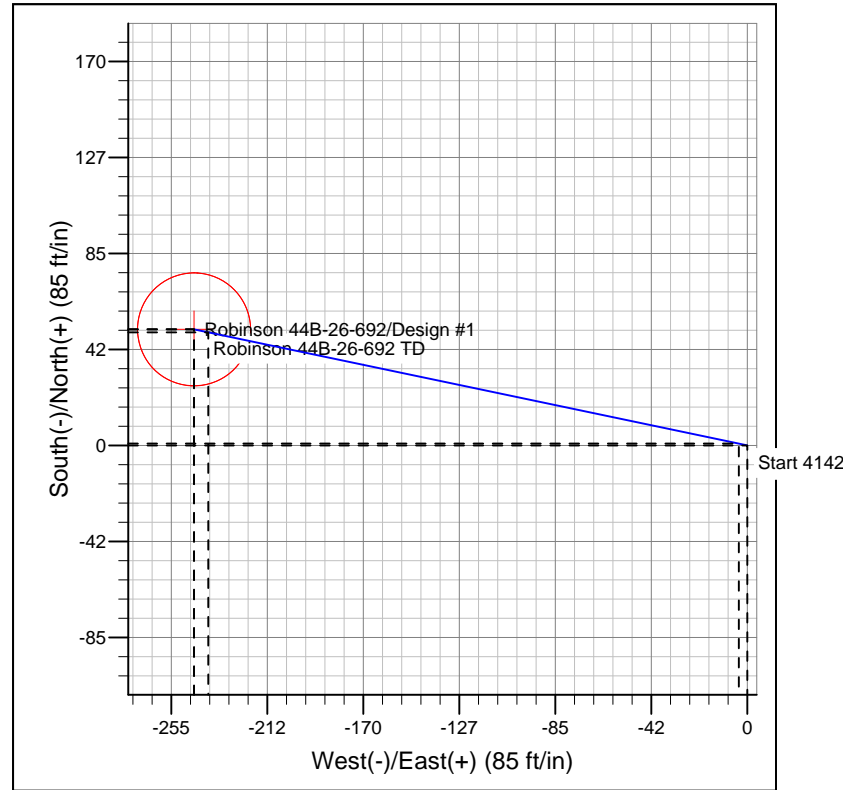
WELLBORE TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Shape
Robinson 44B-26-692 TD	7240.00	51.37	-244.96	Circle (Radius: 25.00)



Azimuths to True North
Magnetic North: 10.43°

Magnetic Field
Strength: 52489.9snT
Dip Angle: 65.86°
Date: 7/22/2009
Model: IGRF2010



FORMATION TOP DETAILS

TVDPath	MDPath	Formation
3245.00	3249.05	Mesaverde
4130.00	4135.54	Price Coal
4810.00	4816.68	Top Gas
6940.00	6947.16	Rollins
7240.00	7247.16	TD

REFERENCE INFORMATION

Co-ordinate (N/E) Reference: Well Robinson 44B-26-692, True North
Vertical (TVD) Reference: WELL @ 5970.00ft (Original Well Elev)
Section (VS) Reference: Slot - (0.00N, 0.00E)
Measured Depth Reference: WELL @ 5970.00ft (Original Well Elev)
Calculation Method: Minimum Curvature