

BILL BARRETT CORP

GARFIELD COUNTY, COLORADO NAD 1983

Dixon SWNW-23-692

Dixon Federal 41B-22-692

Wellbore #1

Plan: Design #1

Standard Planning Report

04 August, 2011

Bill Barrett Corp

Planning Report

Database:	Compass	Local Co-ordinate Reference:	Well Dixon Federal 41B-22-692
Company:	BILL BARRETT CORP	TVD Reference:	WELL @ 5815.00ft (Original Well Elev)
Project:	GARFIELD COUNTY, COLORADO NAD 1983	MD Reference:	WELL @ 5815.00ft (Original Well Elev)
Site:	Dixon SWNW-23-692	North Reference:	True
Well:	Dixon Federal 41B-22-692	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	Dixon SWNW-23-692		
Site Position:		Northing:	1,620,383.301 ft
From:	Lat/Long	Easting:	2,395,551.941 ft
Position Uncertainty:	0.00 ft	Slot Radius:	"
		Latitude:	39° 31' 1.780 N
		Longitude:	107° 38' 33.9108 W
		Grid Convergence:	-1.35 °

Well	Dixon Federal 41B-22-692		
Well Position	+N/-S	-512.50 ft	Northing:
	+E/-W	45.98 ft	Easting:
Position Uncertainty		0.00 ft	Wellhead Elevation:
			ft
			Latitude:
			39° 30' 56.714 N
			Longitude:
			107° 38' 33.3240 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	65.87	52,483

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	302.62

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	
1,448.61	16.22	302.62	1,439.98	49.15	-76.79	2.50	2.50	0.00	302.62	
4,761.78	16.22	302.62	4,621.36	547.89	-856.04	0.00	0.00	0.00	0.00	
5,842.79	0.00	0.00	5,688.00	629.80	-984.02	1.50	-1.50	0.00	180.00	
7,842.79	0.00	0.00	7,688.00	629.80	-984.02	0.00	0.00	0.00	0.00	Dixon Federal 41B-

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Company:	BILL BARRETT CORP	TVD Reference:	WELL @ 5815.00ft (Original Well Elev)
Project:	GARFIELD COUNTY, COLORADO NAD 1983	MD Reference:	WELL @ 5815.00ft (Original Well Elev)
Site:	Dixon SWNW-23-692	North Reference:	True
Well:	Dixon Federal 41B-22-692	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	302.62	899.97	1.18	-1.84	2.18	2.50	2.50	0.00	
1,000.00	5.00	302.62	999.75	4.70	-7.35	8.72	2.50	2.50	0.00	
1,100.00	7.50	302.62	1,099.14	10.57	-16.51	19.61	2.50	2.50	0.00	
1,200.00	10.00	302.62	1,197.97	18.77	-29.33	34.82	2.50	2.50	0.00	
1,300.00	12.50	302.62	1,296.04	29.29	-45.76	54.33	2.50	2.50	0.00	
1,400.00	15.00	302.62	1,393.17	42.10	-65.77	78.09	2.50	2.50	0.00	
1,448.61	16.22	302.62	1,439.98	49.15	-76.79	91.17	2.50	2.50	0.00	
1,500.00	16.22	302.62	1,489.33	56.88	-88.88	105.52	0.00	0.00	0.00	
1,600.00	16.22	302.62	1,585.35	71.94	-112.40	133.45	0.00	0.00	0.00	
1,700.00	16.22	302.62	1,681.38	86.99	-135.92	161.37	0.00	0.00	0.00	
1,800.00	16.22	302.62	1,777.40	102.04	-159.43	189.29	0.00	0.00	0.00	
1,900.00	16.22	302.62	1,873.42	117.10	-182.95	217.22	0.00	0.00	0.00	
2,000.00	16.22	302.62	1,969.44	132.15	-206.47	245.14	0.00	0.00	0.00	
2,100.00	16.22	302.62	2,065.46	147.20	-229.99	273.07	0.00	0.00	0.00	
2,200.00	16.22	302.62	2,161.49	162.26	-253.51	300.99	0.00	0.00	0.00	
2,300.00	16.22	302.62	2,257.51	177.31	-277.03	328.92	0.00	0.00	0.00	
2,400.00	16.22	302.62	2,353.53	192.36	-300.55	356.84	0.00	0.00	0.00	
2,500.00	16.22	302.62	2,449.55	207.42	-324.07	384.77	0.00	0.00	0.00	
2,600.00	16.22	302.62	2,545.57	222.47	-347.59	412.69	0.00	0.00	0.00	
2,700.00	16.22	302.62	2,641.60	237.52	-371.11	440.61	0.00	0.00	0.00	
2,800.00	16.22	302.62	2,737.62	252.58	-394.63	468.54	0.00	0.00	0.00	
2,900.00	16.22	302.62	2,833.64	267.63	-418.15	496.46	0.00	0.00	0.00	
3,000.00	16.22	302.62	2,929.66	282.68	-441.67	524.39	0.00	0.00	0.00	
3,100.00	16.22	302.62	3,025.68	297.74	-465.19	552.31	0.00	0.00	0.00	
3,200.00	16.22	302.62	3,121.71	312.79	-488.71	580.24	0.00	0.00	0.00	
3,300.00	16.22	302.62	3,217.73	327.84	-512.23	608.16	0.00	0.00	0.00	
3,400.00	16.22	302.62	3,313.75	342.90	-535.75	636.09	0.00	0.00	0.00	
3,500.00	16.22	302.62	3,409.77	357.95	-559.27	664.01	0.00	0.00	0.00	
3,600.00	16.22	302.62	3,505.79	373.00	-582.79	691.94	0.00	0.00	0.00	
3,700.00	16.22	302.62	3,601.82	388.06	-606.31	719.86	0.00	0.00	0.00	
3,800.00	16.22	302.62	3,697.84	403.11	-629.83	747.78	0.00	0.00	0.00	
3,900.00	16.22	302.62	3,793.86	418.16	-653.35	775.71	0.00	0.00	0.00	
4,000.00	16.22	302.62	3,889.88	433.22	-676.87	803.63	0.00	0.00	0.00	
4,100.00	16.22	302.62	3,985.90	448.27	-700.39	831.56	0.00	0.00	0.00	
4,200.00	16.22	302.62	4,081.93	463.32	-723.91	859.48	0.00	0.00	0.00	
4,300.00	16.22	302.62	4,177.95	478.38	-747.43	887.41	0.00	0.00	0.00	
4,400.00	16.22	302.62	4,273.97	493.43	-770.95	915.33	0.00	0.00	0.00	
4,500.00	16.22	302.62	4,369.99	508.48	-794.47	943.26	0.00	0.00	0.00	
4,600.00	16.22	302.62	4,466.01	523.54	-817.99	971.18	0.00	0.00	0.00	
4,700.00	16.22	302.62	4,562.04	538.59	-841.51	999.11	0.00	0.00	0.00	
4,761.78	16.22	302.62	4,621.36	547.89	-856.04	1,016.36	0.00	0.00	0.00	
4,800.00	15.64	302.62	4,658.11	553.55	-864.87	1,026.85	1.50	-1.50	0.00	
4,900.00	14.14	302.62	4,754.75	567.40	-886.52	1,052.54	1.50	-1.50	0.00	
5,000.00	12.64	302.62	4,852.03	579.88	-906.02	1,075.71	1.50	-1.50	0.00	

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Project:	GARFIELD COUNTY, COLORADO NAD 1983	MD Reference:	WELL @ 5815.00ft (Original Well Elev)
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Well:	Dixon Federal 41B-22-692	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	11.14	302.62	4,949.88	590.99	-923.38	1,096.31	1.50	-1.50	0.00
5,200.00	9.64	302.62	5,048.23	600.72	-938.57	1,114.35	1.50	-1.50	0.00
5,300.00	8.14	302.62	5,147.03	609.05	-951.59	1,129.81	1.50	-1.50	0.00
5,400.00	6.64	302.62	5,246.20	615.98	-962.42	1,142.67	1.50	-1.50	0.00
5,500.00	5.14	302.62	5,345.67	621.52	-971.07	1,152.94	1.50	-1.50	0.00
5,600.00	3.64	302.62	5,445.37	625.64	-977.52	1,160.59	1.50	-1.50	0.00
5,700.00	2.14	302.62	5,545.24	628.36	-981.77	1,165.64	1.50	-1.50	0.00
5,800.00	0.64	302.62	5,645.21	629.67	-983.81	1,168.07	1.50	-1.50	0.00
5,842.79	0.00	0.00	5,688.00	629.80	-984.02	1,168.31	1.50	-1.50	0.00
5,900.00	0.00	0.00	5,745.21	629.80	-984.02	1,168.31	0.00	0.00	0.00
6,000.00	0.00	0.00	5,845.21	629.80	-984.02	1,168.31	0.00	0.00	0.00
6,100.00	0.00	0.00	5,945.21	629.80	-984.02	1,168.31	0.00	0.00	0.00
6,200.00	0.00	0.00	6,045.21	629.80	-984.02	1,168.31	0.00	0.00	0.00
6,300.00	0.00	0.00	6,145.21	629.80	-984.02	1,168.31	0.00	0.00	0.00
6,400.00	0.00	0.00	6,245.21	629.80	-984.02	1,168.31	0.00	0.00	0.00
6,500.00	0.00	0.00	6,345.21	629.80	-984.02	1,168.31	0.00	0.00	0.00
6,600.00	0.00	0.00	6,445.21	629.80	-984.02	1,168.31	0.00	0.00	0.00
6,700.00	0.00	0.00	6,545.21	629.80	-984.02	1,168.31	0.00	0.00	0.00
6,800.00	0.00	0.00	6,645.21	629.80	-984.02	1,168.31	0.00	0.00	0.00
6,900.00	0.00	0.00	6,745.21	629.80	-984.02	1,168.31	0.00	0.00	0.00
7,000.00	0.00	0.00	6,845.21	629.80	-984.02	1,168.31	0.00	0.00	0.00
7,100.00	0.00	0.00	6,945.21	629.80	-984.02	1,168.31	0.00	0.00	0.00
7,200.00	0.00	0.00	7,045.21	629.80	-984.02	1,168.31	0.00	0.00	0.00
7,300.00	0.00	0.00	7,145.21	629.80	-984.02	1,168.31	0.00	0.00	0.00
7,400.00	0.00	0.00	7,245.21	629.80	-984.02	1,168.31	0.00	0.00	0.00
7,500.00	0.00	0.00	7,345.21	629.80	-984.02	1,168.31	0.00	0.00	0.00
7,600.00	0.00	0.00	7,445.21	629.80	-984.02	1,168.31	0.00	0.00	0.00
7,700.00	0.00	0.00	7,545.21	629.80	-984.02	1,168.31	0.00	0.00	0.00
7,800.00	0.00	0.00	7,645.21	629.80	-984.02	1,168.31	0.00	0.00	0.00
7,842.79	0.00	0.00	7,688.00	629.80	-984.02	1,168.31	0.00	0.00	0.00

Casing Points

Measured Depth (ft)	Vertical Depth (ft)	Name	Casing Diameter (")	Hole Diameter (")
780.00	780.00	9 5/8"	9-5/8	12-1/4

Formations

Measured Depth (ft)	Vertical Depth (ft)	Name	Lithology	Dip (°)	Dip Direction (°)
3,852.24	3,748.00	Mesaverde		0.00	
4,810.27	4,668.00	Price Coal		0.00	
5,592.62	5,438.00	Top Gas		0.00	
7,542.79	7,388.00	Rollins		0.00	
7,842.79	7,688.00	TD		0.00	

WELL DETAILS: Dixon Federal 41B-22-692

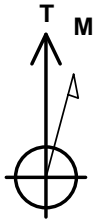
			Ground Level: 0.00			
+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
0.00	0.00	1619869.862	2395585.827	39° 30' 56.714 N 107° 38' 33.3240 W		

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	1448.61	16.22	302.62	1439.98	49.15	-76.79	2.50	302.62	91.17	
4	4761.78	16.22	302.62	4621.36	547.89	-856.04	0.00	0.00	1016.36	
5	5842.79	0.00	0.00	5688.00	629.80	-984.02	1.50	180.00	1168.31	
6	7842.79	0.00	0.00	7688.00	629.80	-984.02	0.00	0.00	1168.31	Dixon Federal 41B-22-692 (TD)

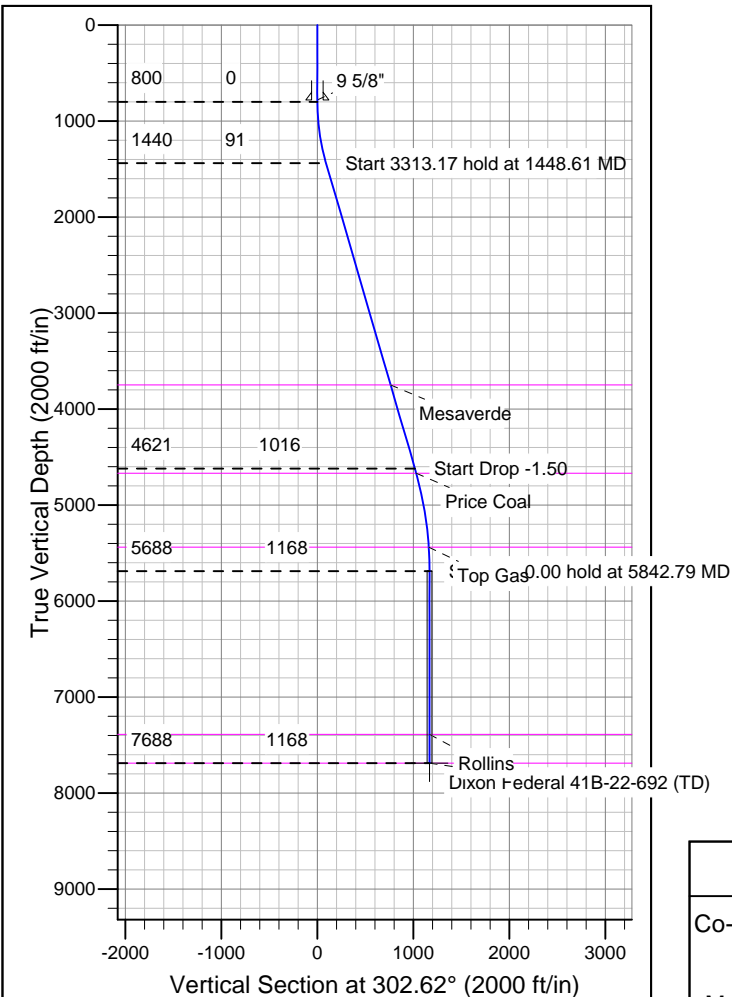
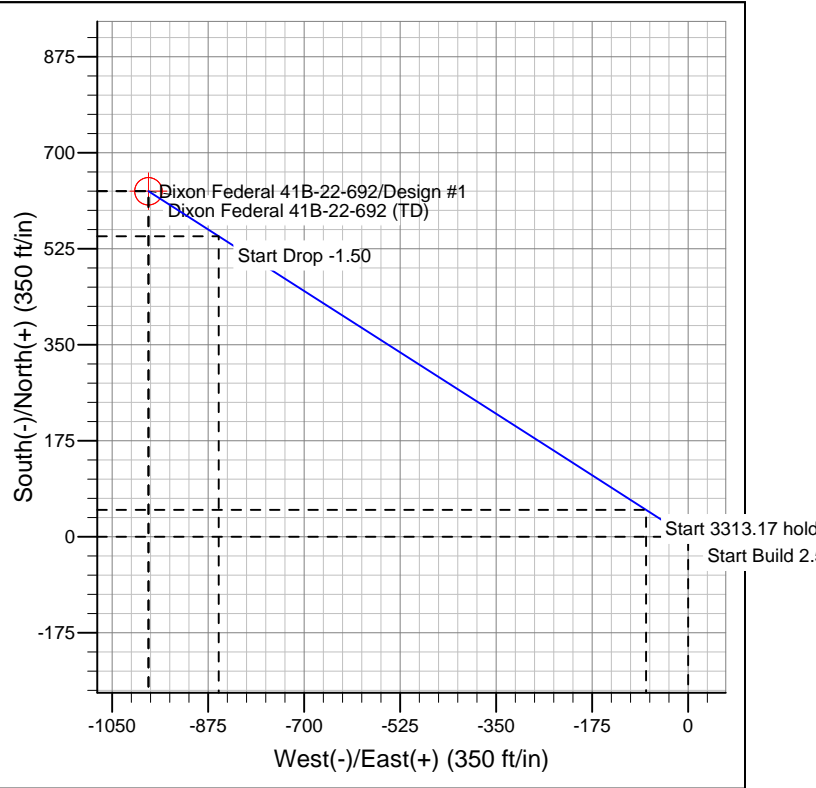
WELLBORE TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Shape
Dixon Federal 41B-22-692 (TD)	629.80	629.80	-984.02	Circle (Radius: 25.00)



Azimuths to True North
Magnetic North: 10.36°

Magnetic Field
Strength: 52483.2snT
Dip Angle: 65.87°
Date: 12/31/2009
Model: IGRF200510



FORMATION TOP DETAILS

TVDPath	MDPath	Formation
3748.00	3852.24	Mesaverde
4668.00	4810.27	Price Coal
5438.00	5592.62	Top Gas
7388.00	7542.79	Rollins
7688.00	7842.79	TD

REFERENCE INFORMATION

Co-ordinate (N/E) Reference: Well Dixon Federal 41B-22-692, True North
Vertical (TVD) Reference: WELL @ 5815.00ft (Original Well Elev)
Section (VS) Reference: Slot - (0.00N, 0.00E)
Measured Depth Reference: WELL @ 5815.00ft (Original Well Elev)
Calculation Method: Minimum Curvature