

BILL BARRETT CORP

GARFIELD COUNTY, COLORADO NAD 1983

Dixon SWNW-23-692

Dixon Federal 12B-23-692

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 12B-23-692
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 12B-23-692	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 12B-23-692		
Well Position	+N/-S	-521.60 ft	Northing:
	+E/-W	78.15 ft	Easting:
Position Uncertainty		0.00 ft	Wellhead Elevation:
			ft
			Latitude:
			39° 30' 56.624 N
			Longitude:
			107° 38' 32.9136 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	155.15

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	
1,195.92	9.90	155.15	1,193.95	-30.95	14.34	2.50	2.50	0.00	155.15	
5,040.61	9.90	155.15	4,981.42	-630.63	292.09	0.00	0.00	0.00	0.00	
5,700.47	0.00	0.00	5,638.00	-682.22	315.98	1.50	-1.50	0.00	180.00	
7,700.47	0.00	0.00	7,638.00	-682.22	315.98	0.00	0.00	0.00	0.00	Dixon Federal 12B-

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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 12B-23-692	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	155.15	899.97	-1.98	0.92	2.18	2.50	2.50	0.00	
1,000.00	5.00	155.15	999.75	-7.91	3.67	8.72	2.50	2.50	0.00	
1,100.00	7.50	155.15	1,099.14	-17.79	8.24	19.61	2.50	2.50	0.00	
1,195.92	9.90	155.15	1,193.95	-30.95	14.34	34.11	2.50	2.50	0.00	
1,200.00	9.90	155.15	1,197.97	-31.59	14.63	34.81	0.00	0.00	0.00	
1,300.00	9.90	155.15	1,296.48	-47.19	21.86	52.00	0.00	0.00	0.00	
1,400.00	9.90	155.15	1,395.00	-62.79	29.08	69.19	0.00	0.00	0.00	
1,500.00	9.90	155.15	1,493.51	-78.38	36.30	86.38	0.00	0.00	0.00	
1,600.00	9.90	155.15	1,592.02	-93.98	43.53	103.57	0.00	0.00	0.00	
1,700.00	9.90	155.15	1,690.53	-109.58	50.75	120.76	0.00	0.00	0.00	
1,800.00	9.90	155.15	1,789.04	-125.17	57.98	137.95	0.00	0.00	0.00	
1,900.00	9.90	155.15	1,887.55	-140.77	65.20	155.14	0.00	0.00	0.00	
2,000.00	9.90	155.15	1,986.07	-156.37	72.43	172.33	0.00	0.00	0.00	
2,100.00	9.90	155.15	2,084.58	-171.97	79.65	189.52	0.00	0.00	0.00	
2,200.00	9.90	155.15	2,183.09	-187.56	86.88	206.71	0.00	0.00	0.00	
2,300.00	9.90	155.15	2,281.60	-203.16	94.10	223.90	0.00	0.00	0.00	
2,400.00	9.90	155.15	2,380.11	-218.76	101.32	241.09	0.00	0.00	0.00	
2,500.00	9.90	155.15	2,478.62	-234.36	108.55	258.27	0.00	0.00	0.00	
2,600.00	9.90	155.15	2,577.13	-249.95	115.77	275.46	0.00	0.00	0.00	
2,700.00	9.90	155.15	2,675.65	-265.55	123.00	292.65	0.00	0.00	0.00	
2,800.00	9.90	155.15	2,774.16	-281.15	130.22	309.84	0.00	0.00	0.00	
2,900.00	9.90	155.15	2,872.67	-296.75	137.45	327.03	0.00	0.00	0.00	
3,000.00	9.90	155.15	2,971.18	-312.34	144.67	344.22	0.00	0.00	0.00	
3,100.00	9.90	155.15	3,069.69	-327.94	151.89	361.41	0.00	0.00	0.00	
3,200.00	9.90	155.15	3,168.20	-343.54	159.12	378.60	0.00	0.00	0.00	
3,300.00	9.90	155.15	3,266.72	-359.14	166.34	395.79	0.00	0.00	0.00	
3,400.00	9.90	155.15	3,365.23	-374.73	173.57	412.98	0.00	0.00	0.00	
3,500.00	9.90	155.15	3,463.74	-390.33	180.79	430.17	0.00	0.00	0.00	
3,600.00	9.90	155.15	3,562.25	-405.93	188.02	447.36	0.00	0.00	0.00	
3,700.00	9.90	155.15	3,660.76	-421.53	195.24	464.55	0.00	0.00	0.00	
3,800.00	9.90	155.15	3,759.27	-437.12	202.46	481.74	0.00	0.00	0.00	
3,900.00	9.90	155.15	3,857.79	-452.72	209.69	498.92	0.00	0.00	0.00	
4,000.00	9.90	155.15	3,956.30	-468.32	216.91	516.11	0.00	0.00	0.00	
4,100.00	9.90	155.15	4,054.81	-483.92	224.14	533.30	0.00	0.00	0.00	
4,200.00	9.90	155.15	4,153.32	-499.51	231.36	550.49	0.00	0.00	0.00	
4,300.00	9.90	155.15	4,251.83	-515.11	238.59	567.68	0.00	0.00	0.00	
4,400.00	9.90	155.15	4,350.34	-530.71	245.81	584.87	0.00	0.00	0.00	
4,500.00	9.90	155.15	4,448.85	-546.31	253.03	602.06	0.00	0.00	0.00	
4,600.00	9.90	155.15	4,547.37	-561.90	260.26	619.25	0.00	0.00	0.00	
4,700.00	9.90	155.15	4,645.88	-577.50	267.48	636.44	0.00	0.00	0.00	
4,800.00	9.90	155.15	4,744.39	-593.10	274.71	653.63	0.00	0.00	0.00	
4,900.00	9.90	155.15	4,842.90	-608.70	281.93	670.82	0.00	0.00	0.00	
5,000.00	9.90	155.15	4,941.41	-624.29	289.16	688.01	0.00	0.00	0.00	
5,040.61	9.90	155.15	4,981.42	-630.63	292.09	694.99	0.00	0.00	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 12B-23-692	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	9.01	155.15	5,040.00	-639.48	296.19	704.74	1.50	-1.50	0.00
5,200.00	7.51	155.15	5,138.96	-652.51	302.23	719.10	1.50	-1.50	0.00
5,300.00	6.01	155.15	5,238.26	-663.18	307.17	730.87	1.50	-1.50	0.00
5,400.00	4.51	155.15	5,337.84	-671.50	311.02	740.03	1.50	-1.50	0.00
5,500.00	3.01	155.15	5,437.62	-677.44	313.77	746.58	1.50	-1.50	0.00
5,600.00	1.51	155.15	5,537.54	-681.02	315.43	750.52	1.50	-1.50	0.00
5,700.00	0.01	155.15	5,637.53	-682.22	315.98	751.84	1.50	-1.50	0.00
5,700.47	0.00	0.00	5,638.00	-682.22	315.98	751.84	1.50	-1.50	0.00
5,800.00	0.00	0.00	5,737.53	-682.22	315.98	751.84	0.00	0.00	0.00
5,900.00	0.00	0.00	5,837.53	-682.22	315.98	751.84	0.00	0.00	0.00
6,000.00	0.00	0.00	5,937.53	-682.22	315.98	751.84	0.00	0.00	0.00
6,100.00	0.00	0.00	6,037.53	-682.22	315.98	751.84	0.00	0.00	0.00
6,200.00	0.00	0.00	6,137.53	-682.22	315.98	751.84	0.00	0.00	0.00
6,300.00	0.00	0.00	6,237.53	-682.22	315.98	751.84	0.00	0.00	0.00
6,400.00	0.00	0.00	6,337.53	-682.22	315.98	751.84	0.00	0.00	0.00
6,500.00	0.00	0.00	6,437.53	-682.22	315.98	751.84	0.00	0.00	0.00
6,600.00	0.00	0.00	6,537.53	-682.22	315.98	751.84	0.00	0.00	0.00
6,700.00	0.00	0.00	6,637.53	-682.22	315.98	751.84	0.00	0.00	0.00
6,800.00	0.00	0.00	6,737.53	-682.22	315.98	751.84	0.00	0.00	0.00
6,900.00	0.00	0.00	6,837.53	-682.22	315.98	751.84	0.00	0.00	0.00
7,000.00	0.00	0.00	6,937.53	-682.22	315.98	751.84	0.00	0.00	0.00
7,100.00	0.00	0.00	7,037.53	-682.22	315.98	751.84	0.00	0.00	0.00
7,200.00	0.00	0.00	7,137.53	-682.22	315.98	751.84	0.00	0.00	0.00
7,300.00	0.00	0.00	7,237.53	-682.22	315.98	751.84	0.00	0.00	0.00
7,400.00	0.00	0.00	7,337.53	-682.22	315.98	751.84	0.00	0.00	0.00
7,500.00	0.00	0.00	7,437.53	-682.22	315.98	751.84	0.00	0.00	0.00
7,600.00	0.00	0.00	7,537.53	-682.22	315.98	751.84	0.00	0.00	0.00
7,700.00	0.00	0.00	7,637.53	-682.22	315.98	751.84	0.00	0.00	0.00
7,700.47	0.00	0.00	7,638.00	-682.22	315.98	751.84	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 (°)
3,747.95	3,708.00	Mesaverde		0.00	
4,671.70	4,618.00	Price Coal		0.00	
5,425.23	5,363.00	Top Gas		0.00	
7,400.47	7,338.00	Rollins		0.00	
7,700.47	7,638.00	TD		0.00	

WELL DETAILS: Dixon Federal 12B-23-692

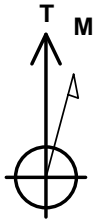
			Ground Level: 0.00			
+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
0.00	0.00	1619860.000	2395617.766	39° 30' 56.624 N 107° 38' 32.9136 W		

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	1195.92	9.90	155.15	1193.95	-30.95	14.34	2.50	155.15	34.11	
4	5040.61	9.90	155.15	4981.42	-630.63	292.09	0.00	0.00	694.99	
5	5700.47	0.00	0.00	5638.00	-682.22	315.98	1.50	180.00	751.84	
6	7700.47	0.00	0.00	7638.00	-682.22	315.98	0.00	0.00	751.84	Dixon Federal 12B-23-692 (TD)

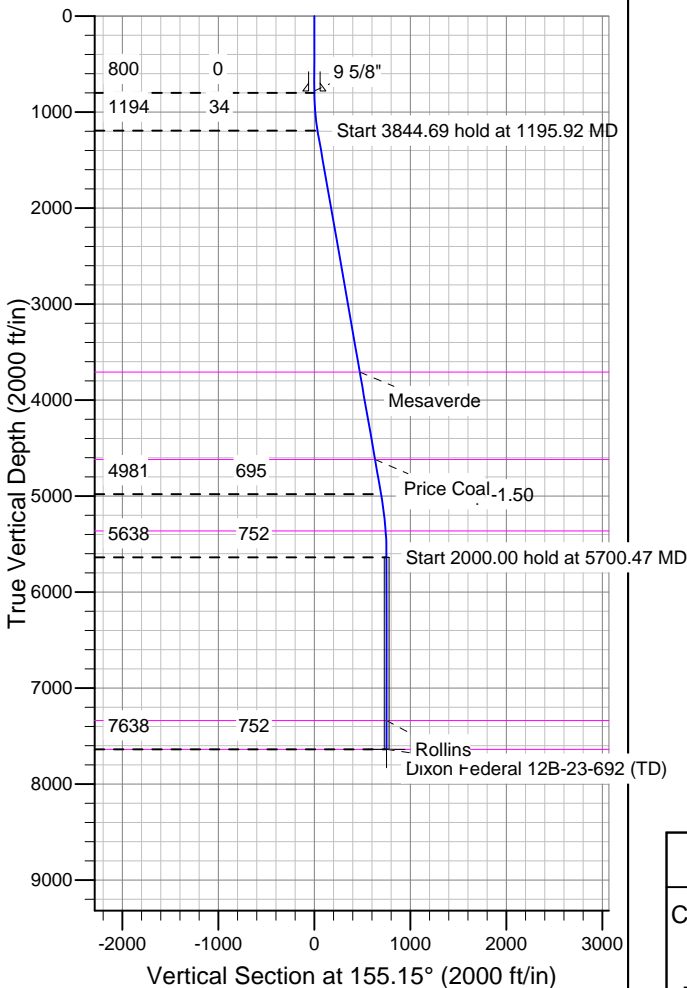
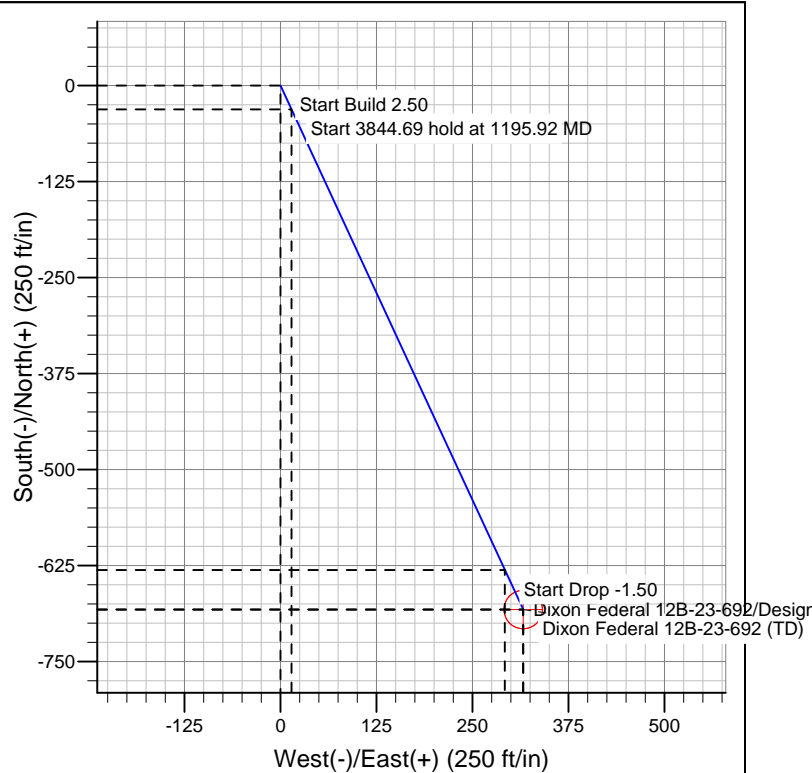
WELLBORE TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Shape
Dixon Federal 12B-23-692 (TD)	-682.22	315.98	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
3708.00	3747.95	Mesaverde
4618.00	4671.70	Price Coal
5363.00	5425.23	Top Gas
7338.00	7400.47	Rollins
7638.00	7700.47	TD

REFERENCE INFORMATION

Co-ordinate (N/E) Reference: Well Dixon Federal 12B-23-692, 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