

BILL BARRETT CORP

GARFIELD COUNTY, COLORADO NAD 1983

Dixon SWNW-23-692

Dixon Federal 41D-22-692

Wellbore #1

Plan: Design #1

Standard Planning Report

10 August, 2011

Bill Barrett Corp

Planning Report

Database:	Compass	Local Co-ordinate Reference:	Well Dixon Federal 41D-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 41D-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 41D-22-692		
Well Position	+N/-S	-512.13 ft	Northing:
	+E/-W	62.07 ft	Easting:
Position Uncertainty		0.00 ft	Wellhead Elevation:
			ft
			Latitude:
			39° 30' 56.718 N
			Longitude:
			107° 38' 33.1188 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	321.98

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	
1,781.54	24.54	321.98	1,751.81	163.08	-127.48	2.50	2.50	0.00	321.98	
4,386.67	24.54	321.98	4,121.65	1,015.47	-793.81	0.00	0.00	0.00	0.00	
6,022.57	0.00	0.00	5,708.00	1,287.26	-1,006.28	1.50	-1.50	0.00	180.00	
8,022.57	0.00	0.00	7,708.00	1,287.26	-1,006.28	0.00	0.00	0.00	0.00	Dixon Federal 41D-

Bill Barrett Corp

Planning Report

Database:	Compass	Local Co-ordinate Reference:	Well Dixon Federal 41D-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 41D-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	321.98	899.97	1.72	-1.34	2.18	2.50	2.50	0.00
1,000.00	5.00	321.98	999.75	6.87	-5.37	8.72	2.50	2.50	0.00
1,100.00	7.50	321.98	1,099.14	15.45	-12.08	19.61	2.50	2.50	0.00
1,200.00	10.00	321.98	1,197.97	27.43	-21.44	34.82	2.50	2.50	0.00
1,300.00	12.50	321.98	1,296.04	42.80	-33.46	54.33	2.50	2.50	0.00
1,400.00	15.00	321.98	1,393.17	61.52	-48.09	78.09	2.50	2.50	0.00
1,500.00	17.50	321.98	1,489.17	83.57	-65.33	106.07	2.50	2.50	0.00
1,600.00	20.00	321.98	1,583.85	108.89	-85.12	138.21	2.50	2.50	0.00
1,700.00	22.50	321.98	1,677.05	137.44	-107.44	174.45	2.50	2.50	0.00
1,781.54	24.54	321.98	1,751.81	163.08	-127.48	206.99	2.50	2.50	0.00
1,800.00	24.54	321.98	1,768.60	169.12	-132.20	214.66	0.00	0.00	0.00
1,900.00	24.54	321.98	1,859.57	201.84	-157.78	256.19	0.00	0.00	0.00
2,000.00	24.54	321.98	1,950.54	234.56	-183.36	297.72	0.00	0.00	0.00
2,100.00	24.54	321.98	2,041.51	267.28	-208.94	339.25	0.00	0.00	0.00
2,200.00	24.54	321.98	2,132.47	300.00	-234.51	380.78	0.00	0.00	0.00
2,300.00	24.54	321.98	2,223.44	332.72	-260.09	422.31	0.00	0.00	0.00
2,400.00	24.54	321.98	2,314.41	365.44	-285.67	463.84	0.00	0.00	0.00
2,500.00	24.54	321.98	2,405.38	398.15	-311.25	505.37	0.00	0.00	0.00
2,600.00	24.54	321.98	2,496.35	430.87	-336.82	546.90	0.00	0.00	0.00
2,700.00	24.54	321.98	2,587.32	463.59	-362.40	588.43	0.00	0.00	0.00
2,800.00	24.54	321.98	2,678.28	496.31	-387.98	629.96	0.00	0.00	0.00
2,900.00	24.54	321.98	2,769.25	529.03	-413.56	671.49	0.00	0.00	0.00
3,000.00	24.54	321.98	2,860.22	561.75	-439.13	713.02	0.00	0.00	0.00
3,100.00	24.54	321.98	2,951.19	594.47	-464.71	754.55	0.00	0.00	0.00
3,200.00	24.54	321.98	3,042.16	627.19	-490.29	796.09	0.00	0.00	0.00
3,300.00	24.54	321.98	3,133.12	659.91	-515.87	837.62	0.00	0.00	0.00
3,400.00	24.54	321.98	3,224.09	692.63	-541.44	879.15	0.00	0.00	0.00
3,500.00	24.54	321.98	3,315.06	725.35	-567.02	920.68	0.00	0.00	0.00
3,600.00	24.54	321.98	3,406.03	758.07	-592.60	962.21	0.00	0.00	0.00
3,700.00	24.54	321.98	3,497.00	790.79	-618.18	1,003.74	0.00	0.00	0.00
3,800.00	24.54	321.98	3,587.97	823.51	-643.75	1,045.27	0.00	0.00	0.00
3,900.00	24.54	321.98	3,678.93	856.23	-669.33	1,086.80	0.00	0.00	0.00
4,000.00	24.54	321.98	3,769.90	888.95	-694.91	1,128.33	0.00	0.00	0.00
4,100.00	24.54	321.98	3,860.87	921.67	-720.49	1,169.86	0.00	0.00	0.00
4,200.00	24.54	321.98	3,951.84	954.39	-746.06	1,211.39	0.00	0.00	0.00
4,300.00	24.54	321.98	4,042.81	987.11	-771.64	1,252.92	0.00	0.00	0.00
4,386.67	24.54	321.98	4,121.65	1,015.47	-793.81	1,288.92	0.00	0.00	0.00
4,400.00	24.34	321.98	4,133.78	1,019.81	-797.20	1,294.43	1.50	-1.50	0.00
4,500.00	22.84	321.98	4,225.43	1,051.34	-821.85	1,334.44	1.50	-1.50	0.00
4,600.00	21.34	321.98	4,318.08	1,080.96	-845.01	1,372.05	1.50	-1.50	0.00
4,700.00	19.84	321.98	4,411.69	1,108.66	-866.66	1,407.21	1.50	-1.50	0.00
4,800.00	18.34	321.98	4,506.19	1,134.43	-886.81	1,439.91	1.50	-1.50	0.00
4,900.00	16.84	321.98	4,601.52	1,158.24	-905.42	1,470.13	1.50	-1.50	0.00
5,000.00	15.34	321.98	4,697.60	1,180.07	-922.48	1,497.84	1.50	-1.50	0.00

Bill Barrett Corp

Planning Report

Database:	Compass	Local Co-ordinate Reference:	Well Dixon Federal 41D-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 41D-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	13.84	321.98	4,794.37	1,199.91	-937.99	1,523.03	1.50	-1.50	0.00
5,200.00	12.34	321.98	4,891.77	1,217.75	-951.94	1,545.67	1.50	-1.50	0.00
5,300.00	10.84	321.98	4,989.73	1,233.58	-964.31	1,565.76	1.50	-1.50	0.00
5,400.00	9.34	321.98	5,088.18	1,247.38	-975.10	1,583.28	1.50	-1.50	0.00
5,500.00	7.84	321.98	5,187.05	1,259.14	-984.30	1,598.21	1.50	-1.50	0.00
5,600.00	6.34	321.98	5,286.29	1,268.87	-991.90	1,610.55	1.50	-1.50	0.00
5,700.00	4.84	321.98	5,385.81	1,276.54	-997.89	1,620.29	1.50	-1.50	0.00
5,800.00	3.34	321.98	5,485.55	1,282.15	-1,002.29	1,627.42	1.50	-1.50	0.00
5,900.00	1.84	321.98	5,585.45	1,285.71	-1,005.07	1,631.94	1.50	-1.50	0.00
6,000.00	0.34	321.98	5,685.43	1,287.21	-1,006.24	1,633.84	1.50	-1.50	0.00
6,022.57	0.00	0.00	5,708.00	1,287.26	-1,006.28	1,633.90	1.50	-1.50	0.00
6,100.00	0.00	0.00	5,785.43	1,287.26	-1,006.28	1,633.90	0.00	0.00	0.00
6,200.00	0.00	0.00	5,885.43	1,287.26	-1,006.28	1,633.90	0.00	0.00	0.00
6,300.00	0.00	0.00	5,985.43	1,287.26	-1,006.28	1,633.90	0.00	0.00	0.00
6,400.00	0.00	0.00	6,085.43	1,287.26	-1,006.28	1,633.90	0.00	0.00	0.00
6,500.00	0.00	0.00	6,185.43	1,287.26	-1,006.28	1,633.90	0.00	0.00	0.00
6,600.00	0.00	0.00	6,285.43	1,287.26	-1,006.28	1,633.90	0.00	0.00	0.00
6,700.00	0.00	0.00	6,385.43	1,287.26	-1,006.28	1,633.90	0.00	0.00	0.00
6,800.00	0.00	0.00	6,485.43	1,287.26	-1,006.28	1,633.90	0.00	0.00	0.00
6,900.00	0.00	0.00	6,585.43	1,287.26	-1,006.28	1,633.90	0.00	0.00	0.00
7,000.00	0.00	0.00	6,685.43	1,287.26	-1,006.28	1,633.90	0.00	0.00	0.00
7,100.00	0.00	0.00	6,785.43	1,287.26	-1,006.28	1,633.90	0.00	0.00	0.00
7,200.00	0.00	0.00	6,885.43	1,287.26	-1,006.28	1,633.90	0.00	0.00	0.00
7,300.00	0.00	0.00	6,985.43	1,287.26	-1,006.28	1,633.90	0.00	0.00	0.00
7,400.00	0.00	0.00	7,085.43	1,287.26	-1,006.28	1,633.90	0.00	0.00	0.00
7,500.00	0.00	0.00	7,185.43	1,287.26	-1,006.28	1,633.90	0.00	0.00	0.00
7,600.00	0.00	0.00	7,285.43	1,287.26	-1,006.28	1,633.90	0.00	0.00	0.00
7,700.00	0.00	0.00	7,385.43	1,287.26	-1,006.28	1,633.90	0.00	0.00	0.00
7,800.00	0.00	0.00	7,485.43	1,287.26	-1,006.28	1,633.90	0.00	0.00	0.00
7,900.00	0.00	0.00	7,585.43	1,287.26	-1,006.28	1,633.90	0.00	0.00	0.00
8,000.00	0.00	0.00	7,685.43	1,287.26	-1,006.28	1,633.90	0.00	0.00	0.00
8,022.57	0.00	0.00	7,708.00	1,287.26	-1,006.28	1,633.90	0.00	0.00	0.00

Casing Points

Measured Depth (ft)	Vertical Depth (ft)	Name	Casing Diameter (")	Hole Diameter (")
790.00	790.00	9 5/8"	9-5/8	12-1/4

Formations

Measured Depth (ft)	Vertical Depth (ft)	Name	Lithology	Dip (°)	Dip Direction (°)
3,997.91	3,768.00	Mesaverde		0.00	
4,990.05	4,688.00	Price Coal		0.00	
5,772.40	5,458.00	Top Gas		0.00	
7,722.57	7,408.00	Rollins		0.00	
8,022.57	7,708.00	TD		0.00	

Bill Barrett Corp
Planning Report

Database:	Compass	Local Co-ordinate Reference:	Well Dixon Federal 41D-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 41D-22-692	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #1		

WELL DETAILS: Dixon Federal 41D-22-692

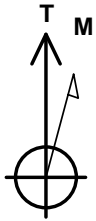
+N/-S	+E/-W	Northing	Easting	Ground Level:	Latitude	Longitude	Slot
0.00	0.00	1619869.847	2395601.912	0.00	39° 30' 56.718 N	107° 38' 33.1188 W	

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	1781.54	24.54	321.98	1751.81	163.08	-127.48	2.50	321.98	206.99	
4	4386.67	24.54	321.98	4121.65	1015.47	-793.81	0.00	0.00	1288.92	
5	6022.57	0.00	0.00	5708.00	1287.26	-1006.28	1.50	180.00	1633.90	
6	8022.57	0.00	0.00	7708.00	1287.26	-1006.28	0.00	0.00	1633.90	Dixon Federal 41D-22-692 (TD)

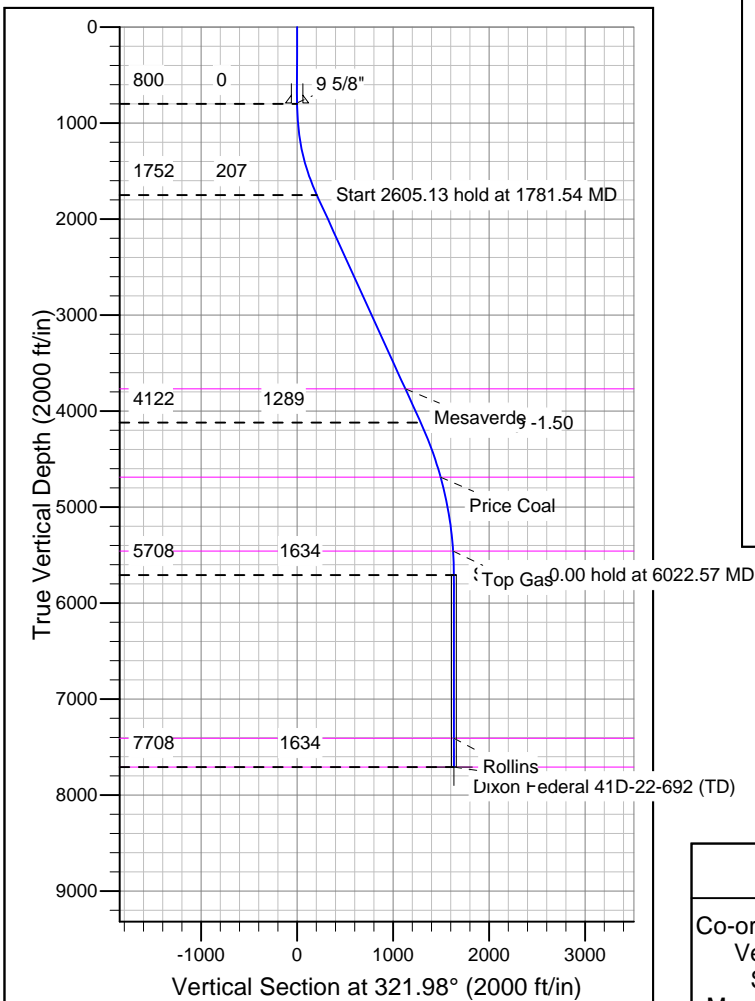
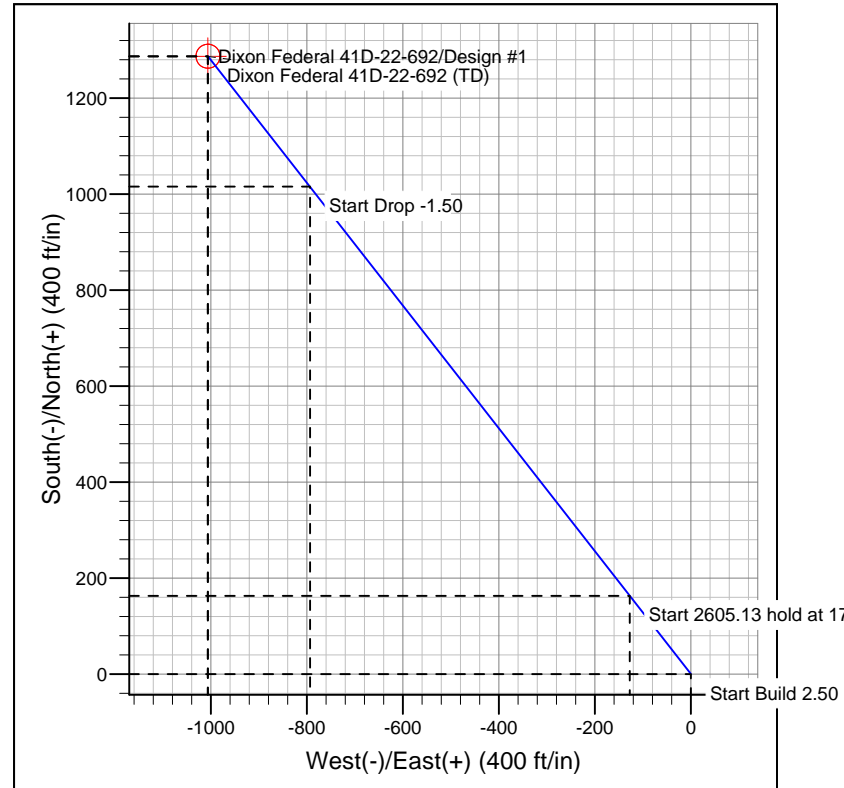
WELLBORE TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Shape
Dixon Federal 41D-22-692 (TD)	7708.00	1287.26	-1006.28	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
3768.00	3997.91	Mesaverde
4688.00	4990.05	Price Coal
5458.00	5772.40	Top Gas
7408.00	7722.57	Rollins
7708.00	8022.57	TD

REFERENCE INFORMATION

Co-ordinate (N/E) Reference: Well Dixon Federal 41D-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