



Bill Barrett Corporation

Bill Barrett Corp. (II)

Garfield Co., CO (NAD83)

Dixon SWNW-23-692

Dixon Federal 12A-23-692

Wellbore #1

Design: OH

Standard Survey Report

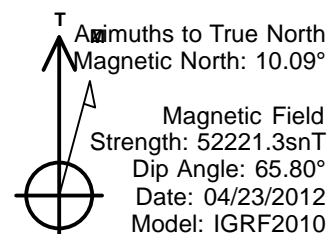
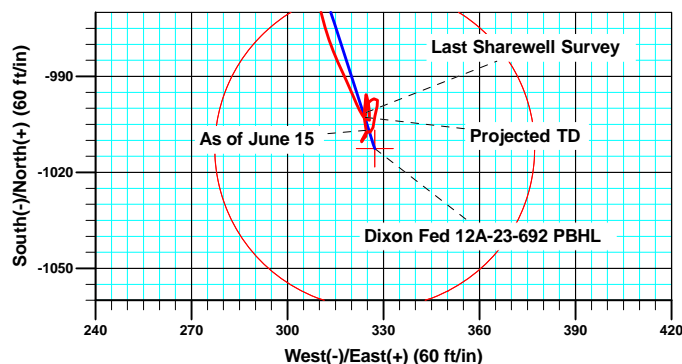
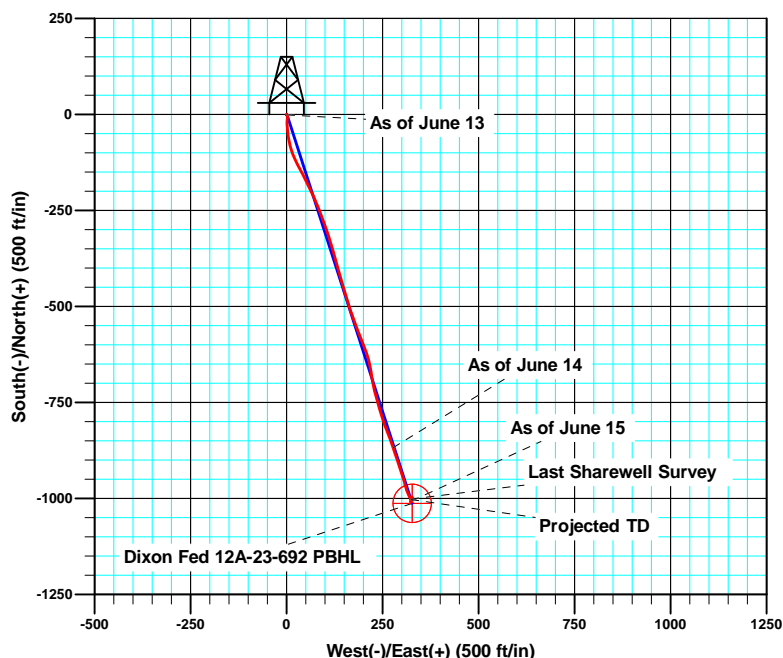
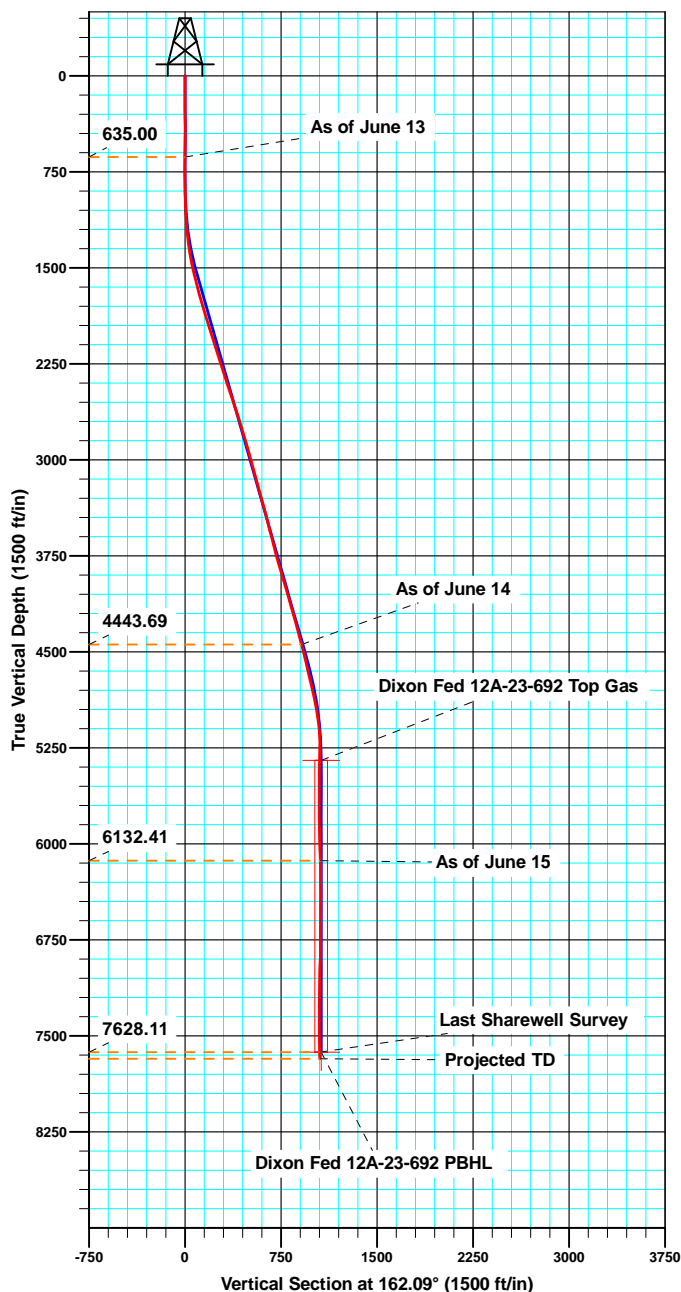
18 June, 2012



Dixon Federal 12A-23-692

US State Plane 1983 North American Datum 1983 Colorado Central Zone

+N/-S +E/-W Northing Easting Latitude Longitude
 0.00 0.00 1619859.81 2395609.86 39° 30' 56.62 N 107° 38' 33.01 W
 GL @ 5815.00 KB @ 5838.00ft



ANNOTATIONS

TVD	MD	Inc	Azi	+N/-S	+E/-W	VSect	Departure	Annotation
635.00	635.00	0.250	154.31	-0.93	1.09	1.22	2.74	As of June 13
4443.69	4570.00	13.800	162.00	-867.86	277.48	911.14	918.74	As of June 14
6132.41	6274.00	1.800	168.40	-1006.86	324.55	1057.87	1087.04	As of June 15
7628.11	7770.00	1.700	188.30	-1001.32	324.50	1052.58	1116.24	Last Sharewell Survey
7678.09	7820.00	1.700	188.30	-1002.78	324.28	1053.91	1117.72	Projected TD

Company:	Bill Barrett Corp. (II)	Local Co-ordinate Reference:	Well Dixon Federal 12A-23-692
Project:	Garfield Co., CO (NAD83)	TVD Reference:	KB @ 5838.00ft
Site:	Dixon SWNW-23-692	MD Reference:	KB @ 5838.00ft
Well:	Dixon Federal 12A-23-692	North Reference:	True
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	CompassVM

Project	Garfield Co., CO (NAD83)		
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:	1,619,869.69 usft	Latitude:	39° 30' 56.71 N
From:	Lat/Long	Easting:	2,395,577.93 usft	Longitude:	107° 38' 33.42 W
Position Uncertainty:	0.00 ft	Slot Radius:	1.10 ft	Grid Convergence:	-1.35 °

Well	Dixon Federal 12A-23-692					
Well Position	+N/-S	0.00 ft	Northing:	1,619,859.81 usft	Latitude:	39° 30' 56.62 N
	+E/-W	0.00 ft	Easting:	2,395,609.86 usft	Longitude:	107° 38' 33.01 W
Position Uncertainty		0.00 ft	Wellhead Elevation:	ft	Ground Level:	5,815.00 ft

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	04/23/12	10.08	65.80	52,221

Design	OH				
Audit Notes:					
Version:	1.0	Phase:	ACTUAL	Tie On Depth:	0.00
Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)	
	0.00	0.00	0.00	162.09	

Survey Program	Date	06/18/12			
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description	
60.00	7,820.00	MWD (Wellbore #1)	MWD	MWD - Standard	

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	0.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
60.00	0.520	127.50	60.00	-0.17	0.22	0.22	0.87	0.87	0.00	
160.00	0.160	149.82	160.00	-0.56	0.65	0.73	0.38	-0.36	22.32	
260.00	0.330	147.70	260.00	-0.93	0.87	1.15	0.17	0.17	-2.12	
360.00	0.170	311.24	360.00	-1.07	0.91	1.30	0.50	-0.16	163.54	
460.00	0.250	83.63	460.00	-0.95	1.02	1.22	0.39	0.08	132.39	
560.00	0.170	302.29	560.00	-0.85	1.11	1.15	0.40	-0.08	-141.34	
635.00	0.250	154.31	635.00	-0.93	1.09	1.22	0.54	0.11	-197.31	
As of June 13										
879.00	0.300	70.30	878.99	-1.20	1.92	1.73	0.15	0.02	-34.43	
971.00	1.300	171.10	970.99	-2.15	2.31	2.75	1.51	1.09	109.57	

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Site:	Dixon SWNW-23-692	MD Reference:	KB @ 5838.00ft
Well:	Dixon Federal 12A-23-692	North Reference:	True
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	CompassVM

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)
1,065.00	3.300	178.30	1,064.90	-5.91	2.55	6.41	2.15	2.13	7.66
1,160.00	4.600	189.30	1,159.68	-12.40	2.02	12.42	1.58	1.37	11.58
1,256.00	6.300	181.80	1,255.24	-21.46	1.23	20.80	1.92	1.77	-7.81
1,350.00	8.300	172.10	1,348.48	-33.34	2.00	32.34	2.49	2.13	-10.32
1,445.00	11.500	175.30	1,442.05	-49.58	3.72	48.32	3.42	3.37	3.37
1,538.00	13.400	169.00	1,532.87	-69.40	6.54	68.04	2.51	2.04	-6.77
1,632.00	14.500	161.30	1,624.10	-91.24	12.39	90.63	2.29	1.17	-8.19
1,727.00	15.500	157.00	1,715.86	-114.19	21.16	115.16	1.57	1.05	-4.53
1,822.00	17.200	151.90	1,807.02	-138.27	32.74	141.63	2.34	1.79	-5.37
1,917.00	16.800	151.90	1,897.87	-162.77	45.82	168.97	0.42	-0.42	0.00
2,012.00	18.000	154.90	1,988.53	-188.17	58.51	197.05	1.58	1.26	3.16
2,107.00	17.700	155.90	2,078.95	-214.65	70.64	225.97	0.45	-0.32	1.05
2,202.00	17.800	157.80	2,169.43	-241.28	82.02	254.81	0.62	0.11	2.00
2,296.00	17.600	159.70	2,258.98	-267.91	92.38	283.33	0.65	-0.21	2.02
2,391.00	17.800	160.70	2,349.49	-295.08	102.16	312.20	0.38	0.21	1.05
2,486.00	18.400	162.10	2,439.78	-323.05	111.57	341.71	0.78	0.63	1.47
2,581.00	18.900	164.30	2,529.80	-352.13	120.34	372.08	0.91	0.53	2.32
2,674.00	17.800	164.30	2,618.07	-380.32	128.26	401.33	1.18	-1.18	0.00
2,769.00	17.200	163.80	2,708.67	-407.79	136.11	429.88	0.65	-0.63	-0.53
2,863.00	17.100	164.60	2,798.49	-434.46	143.66	457.58	0.27	-0.11	0.85
2,958.00	15.200	163.00	2,889.74	-459.84	151.01	483.99	2.05	-2.00	-1.68
3,053.00	14.800	163.90	2,981.50	-483.40	158.02	508.57	0.49	-0.42	0.95
3,148.00	16.200	160.30	3,073.04	-507.54	165.85	533.95	1.79	1.47	-3.79
3,243.00	15.800	161.60	3,164.36	-532.29	174.40	560.13	0.57	-0.42	1.37
3,337.00	15.600	158.80	3,254.86	-556.21	183.01	585.54	0.83	-0.21	-2.98
3,432.00	15.200	159.20	3,346.45	-579.77	192.05	610.73	0.44	-0.42	0.42
3,527.00	14.400	156.50	3,438.30	-602.24	201.18	634.93	1.11	-0.84	-2.84
3,622.00	14.400	162.80	3,530.32	-624.36	209.39	658.50	1.65	0.00	6.63
3,717.00	13.900	166.60	3,622.44	-646.75	215.53	681.69	1.11	-0.53	4.00
3,811.00	15.000	171.10	3,713.47	-669.75	220.03	704.96	1.67	1.17	4.79
3,906.00	16.300	170.90	3,804.94	-695.06	224.04	730.27	1.37	1.37	-0.21
4,001.00	16.400	165.50	3,896.10	-721.21	229.50	756.84	1.60	0.11	-5.68
4,095.00	16.900	164.20	3,986.16	-747.20	236.55	783.74	0.66	0.53	-1.38
4,191.00	15.700	163.10	4,078.30	-773.06	244.12	810.67	1.29	-1.25	-1.15
4,285.00	16.000	161.40	4,168.73	-797.51	251.95	836.34	0.59	0.32	-1.81
4,380.00	16.200	157.80	4,260.01	-822.19	261.13	862.65	1.07	0.21	-3.79
4,475.00	14.600	160.90	4,351.59	-845.77	270.06	887.84	1.89	-1.68	3.26
4,570.00	13.800	162.00	4,443.69	-867.86	277.48	911.14	0.89	-0.84	1.16
As of June 14									
4,665.00	14.200	159.80	4,535.87	-889.57	285.00	934.11	0.70	0.42	-2.32
4,760.00	12.800	162.40	4,628.24	-910.54	292.21	956.28	1.61	-1.47	2.74
4,854.00	13.200	163.00	4,719.83	-930.73	298.50	977.42	0.45	0.43	0.64
4,946.00	13.400	161.90	4,809.37	-950.91	304.88	998.59	0.35	0.22	-1.20

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Site:	Dixon SWNW-23-692	MD Reference:	KB @ 5838.00ft
Well:	Dixon Federal 12A-23-692	North Reference:	True
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	CompassVM

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)
5,041.00	11.200	165.80	4,902.18	-970.32	310.56	1,018.80	2.47	-2.32	4.11
5,136.00	8.200	154.80	4,995.82	-985.40	315.71	1,034.73	3.70	-3.16	-11.58
5,230.00	6.500	157.70	5,089.04	-996.39	320.59	1,046.69	1.85	-1.81	3.09
5,322.00	3.100	141.50	5,180.71	-1,003.15	324.11	1,054.21	3.94	-3.70	-17.61
5,419.00	1.800	355.90	5,277.67	-1,003.69	325.64	1,055.19	4.84	-1.34	-150.10
5,514.00	1.600	3.60	5,372.63	-1,000.88	325.61	1,052.51	0.32	-0.21	8.11
5,609.00	1.600	340.90	5,467.59	-998.30	325.26	1,049.95	0.66	0.00	-23.89
5,704.00	1.200	355.20	5,562.57	-996.05	324.75	1,047.65	0.56	-0.42	15.05
5,799.00	0.800	192.90	5,657.56	-995.71	324.51	1,047.25	2.08	-0.42	-170.84
5,895.00	1.000	176.70	5,753.55	-997.20	324.41	1,048.64	0.34	0.21	-16.88
5,990.00	0.800	197.00	5,848.54	-998.66	324.27	1,049.99	0.39	-0.21	21.37
6,084.00	1.800	180.90	5,942.51	-1,000.76	324.05	1,051.92	1.12	1.06	-17.13
6,179.00	1.900	176.00	6,037.46	-1,003.83	324.14	1,054.86	0.20	0.11	-5.16
6,274.00	1.800	168.40	6,132.41	-1,006.86	324.55	1,057.87	0.28	-0.11	-8.00
As of June 15									
6,366.00	0.700	213.80	6,224.39	-1,008.74	324.53	1,059.66	1.52	-1.20	49.35
6,460.00	0.600	236.20	6,318.39	-1,009.49	323.80	1,060.15	0.29	-0.11	23.83
6,555.00	0.900	196.60	6,413.38	-1,010.48	323.17	1,060.90	0.61	0.32	-41.68
6,650.00	1.500	14.00	6,508.37	-1,009.99	323.26	1,060.46	2.53	0.63	186.74
6,745.00	1.100	46.30	6,603.35	-1,008.16	324.22	1,059.01	0.86	-0.42	34.00
6,840.00	0.400	40.90	6,698.34	-1,007.28	325.09	1,058.44	0.74	-0.74	-5.68
6,934.00	0.800	130.20	6,792.33	-1,007.45	325.81	1,058.83	0.95	0.43	95.00
7,029.00	2.300	11.60	6,887.31	-1,006.01	326.70	1,057.73	2.92	1.58	-124.84
7,124.00	2.100	7.20	6,982.24	-1,002.42	327.30	1,054.49	0.28	-0.21	-4.63
7,219.00	1.800	20.90	7,077.18	-999.30	328.05	1,051.76	0.58	-0.32	14.42
7,314.00	0.800	313.10	7,172.16	-997.45	328.10	1,050.01	1.76	-1.05	-71.37
7,409.00	0.700	267.70	7,267.16	-997.02	327.04	1,049.28	0.62	-0.11	-47.79
7,504.00	0.600	213.40	7,362.15	-997.46	326.18	1,049.43	0.63	-0.11	-57.16
7,598.00	0.700	242.70	7,456.15	-998.13	325.40	1,049.83	0.36	0.11	31.17
7,693.00	1.200	187.20	7,551.13	-999.39	324.76	1,050.83	1.04	0.53	-58.42
7,770.00	1.700	188.30	7,628.11	-1,001.32	324.50	1,052.58	0.65	0.65	1.43
Last Sharewell Survey									
7,820.00	1.700	188.30	7,678.09	-1,002.78	324.28	1,053.91	0.00	0.00	0.00
Projected TD									

Design Annotations				
Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates		Comment
		+N/-S (ft)	+E/-W (ft)	
6,274.00	6,132.41	-1,006.86	324.55	As of June 15
7,770.00	7,628.11	-1,001.32	324.50	Last Sharewell Survey
7,820.00	7,678.09	-1,002.78	324.28	Projected TD

Company:	Bill Barrett Corp. (II)	Local Co-ordinate Reference:	Well Dixon Federal 12A-23-692
Project:	Garfield Co., CO (NAD83)	TVD Reference:	KB @ 5838.00ft
Site:	Dixon SWNW-23-692	MD Reference:	KB @ 5838.00ft
Well:	Dixon Federal 12A-23-692	North Reference:	True
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	CompassVM

Checked By: _____ Approved By: _____ Date: _____