



Bill Barrett Corporation

Bill Barrett Corp. (II)

Garfield Co., CO (NAD83)

MDP 26 Pad

Fed 13A-34-691

Wellbore #1

Design: OH

Standard Survey Report

17 July, 2012



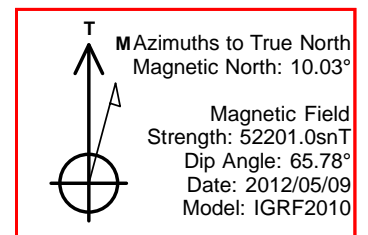
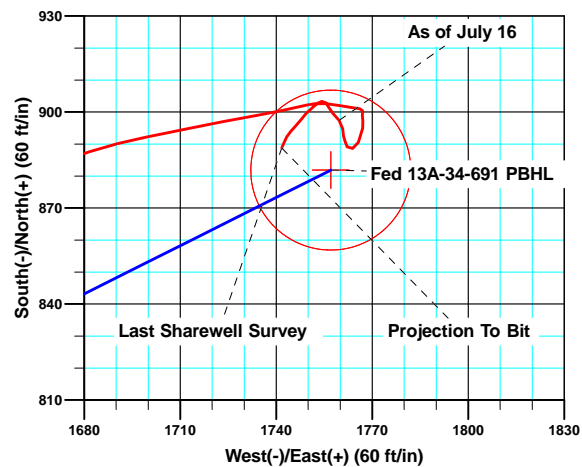
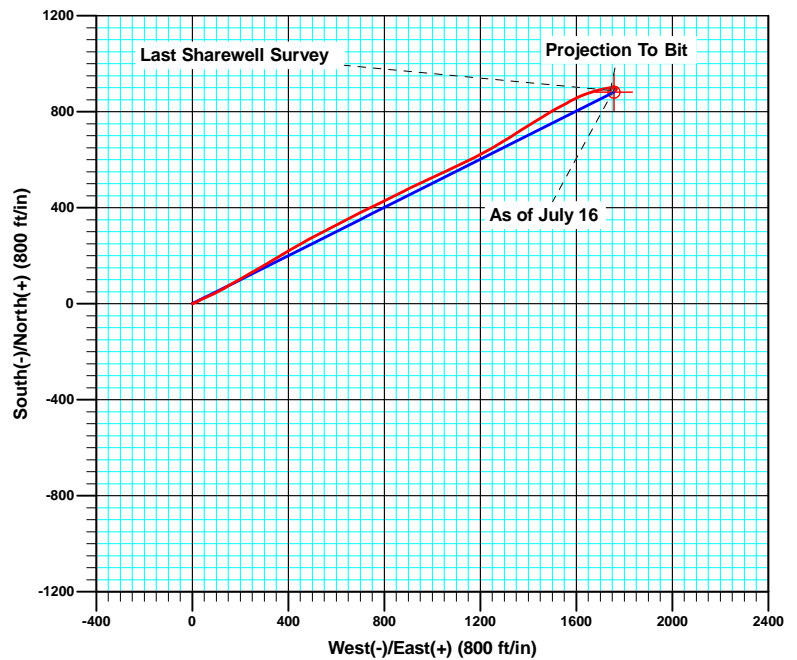
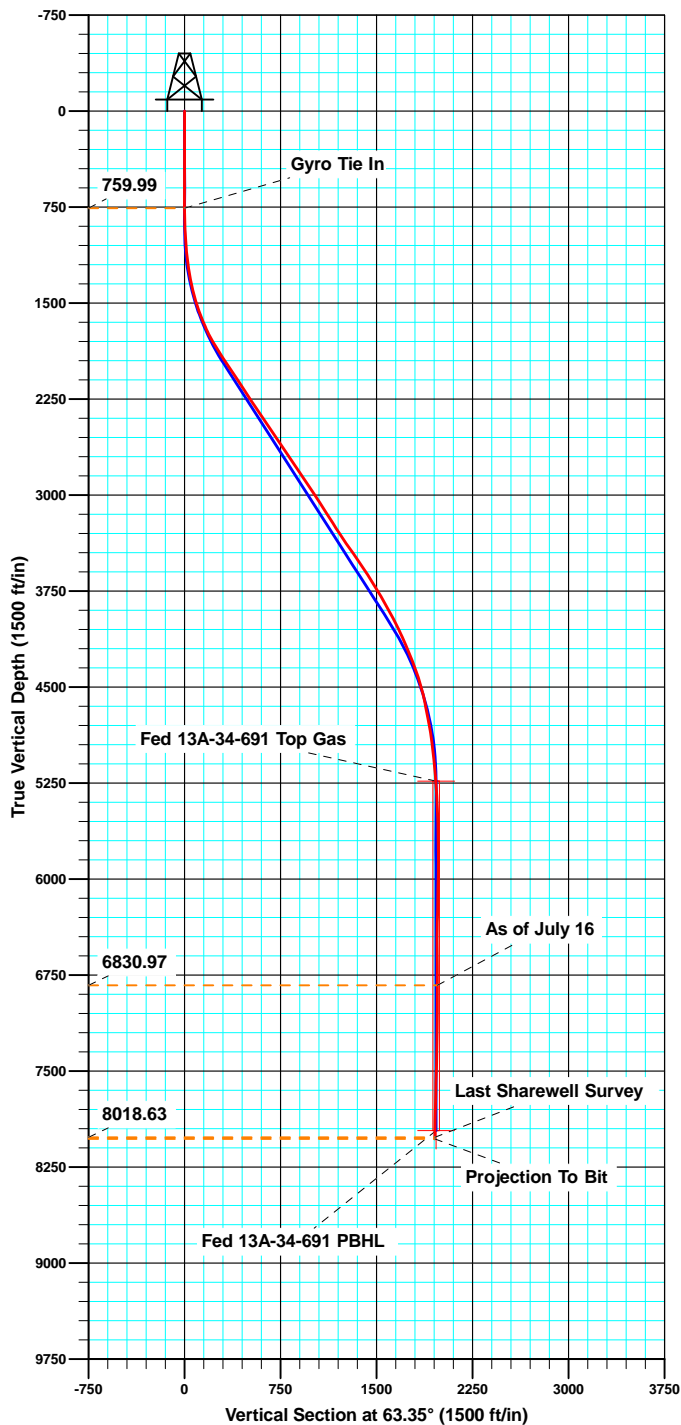


Bill Barrett Corporation

Fed 13A-34-691

US State Plane 1983 North American Datum 1983 Colorado Central Zone

+N/-S +E/-W Northing Easting Latitude Longitude
0.00 0.00 1605981.53 2420468.35 39° 28' 45.16 N 107° 33' 11.89 W
KB @ 6776.00ft GL @ 6753.00



ANNOTATIONS

TVD	MD	Inc	Azi	+N/-S	+E/-W	Vsect	Departure	Annotation
759.99	760.00	0.190	169.48	2.27	-0.21	0.83	4.24	Gyro Tie In
6830.97	7342.00	1.800	321.40	897.39	1759.65	1975.23	2020.66	As of July 16
8018.63	8530.00	1.400	194.10	889.06	1741.82	1955.55	2048.53	Last Sharewell Survey
8030.62	8542.00	1.400	194.10	888.78	1741.75	1955.36	2048.82	Projection To Bit



Company:	Bill Barrett Corp. (II)	Local Co-ordinate Reference:	Well Fed 13A-34-691
Project:	Garfield Co., CO (NAD83)	TVD Reference:	KB @ 6776.00ft
Site:	MDP 26 Pad	MD Reference:	KB @ 6776.00ft
Well:	Fed 13A-34-691	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		MDP 26 Pad			
Site Position:		Northing:	1,605,969.19 usft	Latitude:	39° 28' 45.04 N
From:	Lat/Long	Easting:	2,420,482.75 usft	Longitude:	107° 33' 11.70 W
Position Uncertainty:	0.00 ft	Slot Radius:	1.10 ft	Grid Convergence:	-1.29 °

Well		Fed 13A-34-691				
Well Position	+N/-S	0.00 ft	Northing:	1,605,981.53 usft	Latitude:	39° 28' 45.16 N
	+E/-W	0.00 ft	Easting:	2,420,468.35 usft	Longitude:	107° 33' 11.89 W
Position Uncertainty		0.00 ft	Wellhead Elevation:	ft	Ground Level:	6,753.00 ft

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	2012/05/09	10.03	65.78	52,201

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	63.35	

Survey Program	Date	2012/07/17			
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description	
123.00	760.00	Gyro (Wellbore #1)	MWD	MWD - Standard	
878.00	8,542.00	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	
123.00	0.130	75.90	123.00	0.03	0.14	0.14	0.11	0.11	0.00	
223.00	0.520	2.30	223.00	0.52	0.26	0.47	0.50	0.39	-73.60	
323.00	0.520	326.45	322.99	1.35	0.03	0.63	0.32	0.00	-35.85	
423.00	0.110	92.66	422.99	1.72	-0.12	0.66	0.59	-0.41	126.21	
523.00	0.380	269.77	522.99	1.71	-0.36	0.45	0.49	0.27	177.11	
623.00	0.580	36.59	622.99	2.12	-0.39	0.60	0.86	0.20	126.82	
723.00	0.200	213.13	722.99	2.38	-0.18	0.90	0.78	-0.38	176.54	
760.00	0.190	169.48	759.99	2.27	-0.21	0.83	0.39	-0.03	-117.97	
Gyro Tie In										

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Site:	MDP 26 Pad	MD Reference:	KB @ 6776.00ft
Well:	Fed 13A-34-691	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)
878.00	0.600	82.10	877.99	2.16	0.44	1.36	0.53	0.35	-74.05
970.00	3.600	84.10	969.91	2.52	3.79	4.52	3.26	3.26	2.17
1,065.00	5.800	69.90	1,064.59	4.48	11.27	12.08	2.60	2.32	-14.95
1,160.00	7.500	63.30	1,158.95	8.91	21.31	23.05	1.96	1.79	-6.95
1,255.00	9.500	61.20	1,252.90	15.48	33.72	37.08	2.13	2.11	-2.21
1,351.00	10.500	64.40	1,347.44	23.07	48.56	53.75	1.19	1.04	3.33
1,446.00	14.600	65.10	1,440.15	31.86	67.23	74.38	4.32	4.32	0.74
1,541.00	18.500	66.00	1,531.20	43.03	91.87	101.41	4.11	4.11	0.95
1,636.00	22.000	60.90	1,620.32	57.82	121.20	134.26	4.12	3.68	-5.37
1,731.00	25.000	58.90	1,707.44	76.85	153.94	172.06	3.27	3.16	-2.11
1,826.00	29.000	60.60	1,792.06	98.53	191.21	215.09	4.29	4.21	1.79
1,921.00	32.400	61.00	1,873.74	122.19	233.55	263.54	3.59	3.58	0.42
2,016.00	34.800	59.70	1,952.86	148.21	279.22	316.03	2.64	2.53	-1.37
2,111.00	33.500	59.10	2,031.48	175.35	325.12	369.23	1.41	-1.37	-0.63
2,206.00	32.900	58.50	2,110.97	202.29	369.62	421.09	0.72	-0.63	-0.63
2,302.00	34.100	60.80	2,191.03	229.05	415.34	473.95	1.82	1.25	2.40
2,397.00	32.800	60.10	2,270.29	254.87	460.90	526.25	1.43	-1.37	-0.74
2,492.00	33.800	63.00	2,349.70	279.69	506.75	578.37	1.98	1.05	3.05
2,587.00	34.900	62.90	2,428.13	304.07	554.49	631.97	1.16	1.16	-0.11
2,682.00	34.400	61.90	2,506.28	329.09	602.36	685.97	0.80	-0.53	-1.05
2,777.00	33.100	61.80	2,585.27	353.99	648.89	738.73	1.37	-1.37	-0.11
2,872.00	34.600	64.10	2,664.16	378.03	696.02	791.64	2.08	1.58	2.42
2,967.00	32.800	64.60	2,743.20	400.85	743.53	844.34	1.92	-1.89	0.53
3,062.00	35.200	63.50	2,821.95	424.11	791.29	897.45	2.61	2.53	-1.16
3,157.00	33.900	63.70	2,900.19	448.06	839.54	951.33	1.37	-1.37	0.21
3,253.00	33.000	62.80	2,980.29	471.88	886.80	1,004.24	1.07	-0.94	-0.94
3,348.00	33.200	65.10	3,059.88	494.65	933.40	1,056.11	1.34	0.21	2.42
3,443.00	32.300	64.50	3,139.78	516.53	979.90	1,107.49	1.01	-0.95	-0.63
3,538.00	32.300	65.10	3,220.08	538.15	1,025.83	1,158.23	0.34	0.00	0.63
3,633.00	33.500	65.10	3,299.84	559.87	1,072.64	1,209.81	1.26	1.26	0.00
3,728.00	34.400	64.20	3,378.64	582.59	1,120.58	1,262.85	1.09	0.95	-0.95
3,823.00	35.200	64.20	3,456.65	606.19	1,169.39	1,317.06	0.84	0.84	0.00
3,918.00	34.700	59.80	3,534.53	631.71	1,217.42	1,371.44	2.70	-0.53	-4.63
4,013.00	32.900	60.30	3,613.47	658.10	1,263.21	1,424.19	1.92	-1.89	0.53
4,108.00	31.300	59.00	3,693.95	683.59	1,306.78	1,474.57	1.83	-1.68	-1.37
4,204.00	31.300	56.60	3,775.98	710.17	1,348.97	1,524.20	1.30	0.00	-2.50
4,299.00	28.900	58.10	3,858.16	735.88	1,389.07	1,571.57	2.65	-2.53	1.58
4,394.00	29.100	59.50	3,941.25	759.74	1,428.46	1,617.48	0.74	0.21	1.47
4,489.00	26.200	58.50	4,025.40	782.43	1,466.26	1,661.44	3.09	-3.05	-1.05
4,584.00	24.000	59.20	4,111.42	803.28	1,500.74	1,701.61	2.34	-2.32	0.74
4,679.00	23.300	62.30	4,198.44	821.91	1,533.97	1,739.66	1.50	-0.74	3.26
4,774.00	21.200	60.30	4,286.37	839.15	1,565.53	1,775.61	2.35	-2.21	-2.11
4,869.00	19.900	63.30	4,375.32	854.93	1,594.90	1,808.93	1.76	-1.37	3.16

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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)
4,964.00	16.400	68.20	4,465.59	867.18	1,621.80	1,838.47	4.02	-3.68	5.16
5,059.00	14.000	71.90	4,557.26	875.73	1,645.18	1,863.20	2.72	-2.53	3.89
5,155.00	10.500	71.60	4,651.06	882.10	1,664.52	1,883.35	3.65	-3.65	-0.31
5,250.00	11.300	72.60	4,744.34	887.62	1,681.62	1,901.10	0.87	0.84	1.05
5,345.00	10.500	78.50	4,837.63	892.13	1,698.98	1,918.64	1.44	-0.84	6.21
5,440.00	7.100	78.70	4,931.50	895.00	1,713.23	1,932.67	3.58	-3.58	0.21
5,535.00	6.200	78.70	5,025.86	897.16	1,724.02	1,943.27	0.95	-0.95	0.00
5,630.00	5.500	80.70	5,120.36	898.90	1,733.54	1,952.57	0.77	-0.74	2.11
5,725.00	4.800	77.10	5,214.98	900.52	1,741.91	1,960.77	0.81	-0.74	-3.79
5,820.00	4.600	78.00	5,309.66	902.20	1,749.51	1,968.32	0.22	-0.21	0.95
5,915.00	2.800	98.50	5,404.46	902.65	1,755.53	1,973.90	2.32	-1.89	21.58
6,010.00	2.400	97.70	5,499.37	902.04	1,759.80	1,977.44	0.42	-0.42	-0.84
6,106.00	2.000	100.60	5,595.29	901.47	1,763.43	1,980.44	0.43	-0.42	3.02
6,201.00	1.300	95.60	5,690.25	901.06	1,766.14	1,982.67	0.75	-0.74	-5.26
6,296.00	0.700	197.60	5,785.24	900.40	1,767.03	1,983.17	1.68	-0.63	107.37
6,391.00	1.000	176.00	5,880.23	899.02	1,766.92	1,982.45	0.46	0.32	-22.74
6,486.00	1.300	174.60	5,975.22	897.12	1,767.07	1,981.74	0.32	0.32	-1.47
6,581.00	1.300	189.10	6,070.19	894.98	1,767.01	1,980.72	0.35	0.00	15.26
6,676.00	1.200	202.60	6,165.17	893.00	1,766.45	1,979.34	0.33	-0.11	14.21
6,771.00	1.900	194.80	6,260.13	890.56	1,765.67	1,977.54	0.77	0.74	-8.21
6,866.00	1.800	255.00	6,355.09	888.65	1,763.83	1,975.04	1.96	-0.11	63.37
6,961.00	1.100	347.90	6,450.07	889.15	1,762.19	1,973.80	2.27	-0.74	97.79
7,057.00	1.100	329.00	6,546.05	890.84	1,761.52	1,973.96	0.38	0.00	-19.69
7,152.00	1.100	359.90	6,641.04	892.54	1,761.05	1,974.30	0.62	0.00	32.53
7,247.00	1.700	350.40	6,736.01	894.84	1,760.82	1,975.12	0.68	0.63	-10.00
7,342.00	1.800	321.40	6,830.97	897.39	1,759.65	1,975.23	0.93	0.11	-30.53
As of July 16									
7,437.00	1.700	316.60	6,925.92	899.58	1,757.75	1,974.51	0.19	-0.11	-5.05
7,532.00	1.200	335.80	7,020.89	901.52	1,756.38	1,974.15	0.73	-0.53	20.21
7,627.00	0.800	317.40	7,115.88	902.91	1,755.52	1,974.01	0.53	-0.42	-19.37
7,722.00	1.000	263.60	7,210.87	903.31	1,754.25	1,973.05	0.88	0.21	-56.63
7,817.00	0.900	226.40	7,305.85	902.70	1,752.88	1,971.56	0.65	-0.11	-39.16
7,912.00	1.500	233.30	7,400.83	901.44	1,751.35	1,969.62	0.65	0.63	7.26
8,008.00	1.700	220.90	7,496.80	899.62	1,749.41	1,967.07	0.42	0.21	-12.92
8,103.00	1.900	218.30	7,591.75	897.31	1,747.51	1,964.34	0.23	0.21	-2.74
8,198.00	1.100	227.10	7,686.72	895.46	1,745.86	1,962.04	0.87	-0.84	9.26
8,293.00	1.300	218.60	7,781.70	893.99	1,744.52	1,960.18	0.28	0.21	-8.95
8,388.00	1.400	213.80	7,876.67	892.19	1,743.20	1,958.19	0.16	0.11	-5.05
8,530.00	1.400	194.10	8,018.63	889.06	1,741.82	1,955.55	0.34	0.00	-13.87
Last Sharewell Survey									
8,542.00	1.400	194.10	8,030.62	888.78	1,741.75	1,955.36	0.00	0.00	0.00
Projection To Bit									

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Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	CompassVM

Design Annotations

Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates		Comment
		+N/-S (ft)	+E/-W (ft)	
760.00	759.99	2.27	-0.21	Gyro Tie In
7,342.00	6,830.97	897.39	1,759.65	As of July 16
8,530.00	8,018.63	889.06	1,741.82	Last Sharewell Survey
8,542.00	8,030.62	888.78	1,741.75	Projection To Bit

Checked By: _____ Approved By: _____ Date: _____