



# **Bill Barrett Corporation**

Weld County, CO

SECTION 15 T6N, R62W

Will 6-62-15-0560BH2

Wellbore #1

Design: Actual

## **End of Well Report**

07 July, 2015





# Payzone Directional

## End of Well Report



<b>Company:</b>	Bill Barrett Corporation	<b>Local Co-ordinate Reference:</b>	Well Will 6-62-15-0560BH2
<b>Project:</b>	Weld County, CO	<b>TVD Reference:</b>	Will 6-62-15-0560BH2 @ 4766.0usft (CADE 24)
<b>Site:</b>	SECTION 15 T6N, R62W	<b>MD Reference:</b>	Will 6-62-15-0560BH2 @ 4766.0usft (CADE 24)
<b>Well:</b>	Will 6-62-15-0560BH2	<b>North Reference:</b>	True
<b>Wellbore:</b>	Wellbore #1	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Design:</b>	Actual	<b>Database:</b>	EDM 5000.1 Single User Db

Project		Weld County, CO	
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	Colorado Northern Zone		

Site		SECTION 15 T6N, R62W							
Site Position:		Northing:		1,435,085.74	usft	Latitude:	40° 29' 37.061 N		
From:	Lat/Long	Easting:		2,217,504.23	usft	Longitude:	108° 18' 50.159 W		
Position Uncertainty:		0.0	usft	Slot Radius:		13-3/16	"	Grid Convergence:	-1.82 °

Well		Will 6-62-15-0560BH2, SHL: 40° 29' 37.11 -104° 18' 34.510				
Well Position	+N/-S	0.0 usft	Northing:	1,424,896.40 usft	Latitude:	40° 29' 37.110 N
	+E/-W	0.0 usft	Easting:	3,331,074.69 usft	Longitude:	104° 18' 34.510 W
Position Uncertainty		0.0 usft	Wellhead Elevation:	4,766.0 usft	Ground Level:	4,750.0 usft

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	6/20/2015	8.08	67.06	52,804

Design		Actual			
Audit Notes:					
Version:	1.0	Phase:	ACTUAL	Tie On Depth:	0.0
Vertical Section:	Depth From (TVD) (usft)		+N/-S (usft)	+E/-W (usft)	Direction (°)
	0.0		0.0	0.0	176.81

Survey Program		Date	7/7/2015		
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
819.0	16,210.0	Survey #1 (Wellbore #1)	MWD	MWD v3:standard declination	



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<b>Site:</b>	SECTION 15 T6N, R62W	<b>MD Reference:</b>	Will 6-62-15-0560BH2 @ 4766.0usft (CADE 24)
<b>Well:</b>	Will 6-62-15-0560BH2	<b>North Reference:</b>	True
<b>Wellbore:</b>	Wellbore #1	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Design:</b>	Actual	<b>Database:</b>	EDM 5000.1 Single User Db

Survey										
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	V. Sec (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)	
737.0	0.45	27.99	737.0	-1.2	1.1	-2.1	0.00	0.00	0.00	
819.0	0.26	77.58	819.0	-1.5	1.4	-1.8	0.42	-0.23	60.48	
863.0	0.59	70.57	863.0	-1.6	1.5	-1.5	0.76	0.75	-15.93	
958.0	3.80	56.00	957.9	-3.3	3.4	1.6	3.40	3.38	-15.34	
1,050.0	4.20	31.60	1,049.7	-7.7	8.0	5.9	1.88	0.43	-26.52	
1,142.0	5.30	51.60	1,141.4	-12.9	13.5	11.0	2.14	1.20	21.74	
1,234.0	7.90	64.70	1,232.8	-17.7	18.9	20.1	3.25	2.83	14.24	
1,325.0	9.10	63.80	1,322.8	-22.9	24.7	32.2	1.33	1.32	-0.99	
1,417.0	9.30	65.20	1,413.6	-28.5	31.1	45.4	0.33	0.22	1.52	
1,508.0	9.30	65.20	1,503.4	-33.9	37.2	58.8	0.00	0.00	0.00	
1,600.0	9.10	64.40	1,594.2	-39.4	43.5	72.1	0.26	-0.22	-0.87	
1,692.0	9.20	71.30	1,685.0	-44.1	49.0	85.6	1.20	0.11	7.50	
1,784.0	8.70	67.80	1,775.9	-48.4	54.0	99.0	0.80	-0.54	-3.80	
1,875.0	9.90	76.10	1,865.7	-52.1	58.5	113.0	1.97	1.32	9.12	
1,967.0	10.20	68.20	1,956.3	-56.1	63.4	128.2	1.53	0.33	-8.59	
2,059.0	9.00	62.30	2,047.0	-61.7	69.7	142.2	1.69	-1.30	-6.41	
2,151.0	9.10	65.10	2,137.9	-67.4	76.2	155.1	0.49	0.11	3.04	
2,243.0	8.60	65.10	2,228.8	-72.6	82.1	168.0	0.54	-0.54	0.00	
2,334.0	10.40	71.90	2,318.5	-77.3	87.5	182.0	2.33	1.98	7.47	
2,429.0	9.90	73.20	2,412.0	-81.4	92.6	197.9	0.58	-0.53	1.37	
2,524.0	10.50	66.90	2,505.5	-86.3	98.3	213.7	1.33	0.63	-6.63	
2,618.0	9.60	65.60	2,598.1	-92.0	104.9	228.7	0.99	-0.96	-1.38	
2,713.0	9.23	67.34	2,691.8	-97.4	111.1	243.0	0.49	-0.39	1.83	
2,807.0	9.50	60.00	2,784.6	-103.4	117.9	256.7	1.30	0.29	-7.81	
2,901.0	9.30	58.50	2,877.3	-110.5	125.7	269.8	0.34	-0.21	-1.60	
2,996.0	8.70	61.80	2,971.1	-117.2	133.2	282.7	0.83	-0.63	3.47	
3,090.0	8.50	51.70	3,064.1	-124.2	140.8	294.4	1.62	-0.21	-10.74	



Payzone Directional  
End of Well Report



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<b>Site:</b>	SECTION 15 T6N, R62W	<b>MD Reference:</b>	Will 6-62-15-0560BH2 @ 4766.0usft (CADE 24)
<b>Well:</b>	Will 6-62-15-0560BH2	<b>North Reference:</b>	True
<b>Wellbore:</b>	Wellbore #1	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Design:</b>	Actual	<b>Database:</b>	EDM 5000.1 Single User Db

Survey									
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	V. Sec (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)
3,185.0	8.80	59.40	3,158.0	-131.6	148.9	306.2	1.26	0.32	8.11
3,279.0	9.10	66.30	3,250.9	-137.5	155.5	319.2	1.18	0.32	7.34
3,374.0	8.90	64.30	3,344.7	-142.9	161.7	332.7	0.39	-0.21	-2.11
3,469.0	10.40	70.90	3,438.4	-148.1	167.7	347.4	1.96	1.58	6.95
3,563.0	10.90	70.60	3,530.7	-152.9	173.4	363.8	0.54	0.53	-0.32
3,658.0	10.30	69.10	3,624.1	-158.0	179.5	380.2	0.70	-0.63	-1.58
3,754.0	10.60	70.40	3,718.5	-163.1	185.5	396.6	0.40	0.31	1.35
3,849.0	10.40	70.40	3,811.9	-168.0	191.3	412.9	0.21	-0.21	0.00
3,943.0	8.90	62.20	3,904.6	-173.4	197.5	427.3	2.16	-1.60	-8.72
4,037.0	9.00	62.40	3,997.5	-179.5	204.3	440.3	0.11	0.11	0.21
4,132.0	8.20	61.40	4,091.4	-185.5	211.0	452.8	0.86	-0.84	-1.05
4,226.0	7.80	59.10	4,184.5	-191.3	217.5	464.1	0.54	-0.43	-2.45
4,320.0	9.00	60.40	4,277.5	-197.5	224.4	476.0	1.29	1.28	1.38
4,412.0	9.10	64.40	4,368.3	-203.5	231.1	488.8	0.69	0.11	4.35
4,508.0	8.80	63.90	4,463.2	-209.3	237.6	502.3	0.32	-0.31	-0.52
4,603.0	8.50	76.00	4,557.1	-213.4	242.5	515.6	1.94	-0.32	12.74
4,697.0	8.20	74.40	4,650.1	-216.2	246.0	528.8	0.40	-0.32	-1.70
4,792.0	7.60	71.80	4,744.2	-219.2	249.8	541.3	0.73	-0.63	-2.74
4,886.0	7.30	69.90	4,837.4	-222.6	253.8	552.8	0.41	-0.32	-2.02
4,980.0	7.10	68.40	4,930.7	-226.2	258.0	563.8	0.29	-0.21	-1.60
5,075.0	6.20	66.70	5,025.0	-229.8	262.2	574.0	0.97	-0.95	-1.79
5,170.0	5.20	73.20	5,119.5	-232.5	265.4	582.8	1.25	-1.05	6.84
5,264.0	3.10	72.80	5,213.3	-234.2	267.4	589.3	2.23	-2.23	-0.43
5,359.0	1.50	88.00	5,308.2	-234.8	268.2	593.0	1.79	-1.68	16.00
5,453.0	0.92	88.00	5,402.2	-234.7	268.3	595.0	0.62	-0.62	0.00
5,548.0	0.99	152.77	5,497.2	-234.0	267.6	596.2	1.08	0.07	68.18
5,642.0	0.81	160.94	5,591.2	-232.6	266.2	596.7	0.23	-0.19	8.69



Payzone Directional  
End of Well Report



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<b>Well:</b>	Will 6-62-15-0560BH2	<b>North Reference:</b>	True
<b>Wellbore:</b>	Wellbore #1	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Design:</b>	Actual	<b>Database:</b>	EDM 5000.1 Single User Db

Survey										
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	V. Sec (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)	
5,737.0	0.81	160.94	5,686.2	-231.3	265.0	597.2	0.00	0.00	0.00	
5,831.0	0.73	153.82	5,780.1	-230.1	263.8	597.7	0.13	-0.09	-7.57	
5,918.0	0.24	160.88	5,867.1	-229.4	263.1	598.0	0.57	-0.56	8.11	
6,020.0	5.40	171.20	5,969.0	-224.4	258.2	598.8	5.06	5.06	10.12	
6,070.0	12.30	181.00	6,018.4	-216.8	250.5	599.0	14.08	13.80	19.60	
6,115.0	17.30	184.00	6,061.9	-205.3	239.0	598.5	11.24	11.11	6.67	
6,161.0	25.00	181.40	6,104.7	-188.8	222.5	597.8	16.86	16.74	-5.65	
6,209.0	30.10	177.50	6,147.3	-166.7	200.3	598.1	11.26	10.62	-8.12	
6,256.0	37.70	177.30	6,186.3	-140.5	174.1	599.2	16.17	16.17	-0.43	
6,303.0	44.00	171.50	6,221.8	-109.8	143.6	602.3	15.64	13.40	-12.34	
6,350.0	51.60	174.50	6,253.4	-75.1	109.1	606.5	16.84	16.17	6.38	
6,397.0	57.30	173.60	6,280.7	-36.9	71.0	610.5	12.23	12.13	-1.91	
6,444.0	57.90	174.60	6,305.9	2.7	31.6	614.6	2.20	1.28	2.13	
6,502.0	60.20	178.70	6,335.7	52.4	-18.1	617.5	7.24	3.97	7.07	
6,540.0	62.40	181.20	6,353.9	85.7	-51.4	617.5	8.17	5.79	6.58	
6,587.0	66.10	183.60	6,374.4	127.8	-93.7	615.7	9.12	7.87	5.11	
6,635.0	66.40	183.10	6,393.7	171.5	-137.5	613.1	1.14	0.62	-1.04	
6,681.0	66.70	183.00	6,412.0	213.4	-179.7	610.9	0.68	0.65	-0.22	
6,728.0	72.00	181.70	6,428.6	257.2	-223.6	609.1	11.57	11.28	-2.77	
6,776.0	77.50	181.00	6,441.2	303.3	-269.9	608.0	11.54	11.46	-1.46	
6,822.0	80.10	180.00	6,450.1	348.4	-315.0	607.6	6.04	5.65	-2.17	
6,856.0	83.60	178.80	6,454.9	382.0	-348.7	608.0	10.87	10.29	-3.53	
6,967.0	90.20	176.60	6,460.9	492.7	-459.3	612.4	6.27	5.95	-1.98	
7,061.0	91.50	175.50	6,459.5	586.7	-553.1	618.9	1.81	1.38	-1.17	
7,156.0	91.90	176.90	6,456.7	681.7	-647.8	625.2	1.53	0.42	1.47	
7,250.0	91.90	177.70	6,453.6	775.6	-741.7	629.6	0.85	0.00	0.85	
7,345.0	91.80	178.90	6,450.5	870.5	-836.6	632.4	1.27	-0.11	1.26	



Payzone Directional  
End of Well Report



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<b>Site:</b>	SECTION 15 T6N, R62W	<b>MD Reference:</b>	Will 6-62-15-0560BH2 @ 4766.0usft (CADE 24)
<b>Well:</b>	Will 6-62-15-0560BH2	<b>North Reference:</b>	True
<b>Wellbore:</b>	Wellbore #1	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Design:</b>	Actual	<b>Database:</b>	EDM 5000.1 Single User Db

Survey										
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	V. Sec (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)	
7,438.0	92.40	179.80	6,447.1	963.4	-929.5	633.5	1.16	0.65	0.97	
7,533.0	91.50	180.60	6,443.9	1,058.1	-1,024.5	633.1	1.27	-0.95	0.84	
7,636.0	92.60	181.40	6,440.2	1,160.8	-1,127.4	631.4	1.32	1.07	0.78	
7,731.0	92.00	180.20	6,436.4	1,255.5	-1,222.3	630.0	1.41	-0.63	-1.26	
7,827.0	90.90	182.00	6,434.0	1,351.2	-1,318.2	628.2	2.20	-1.15	1.87	
7,921.0	91.70	181.60	6,431.8	1,444.8	-1,412.2	625.2	0.95	0.85	-0.43	
8,016.0	90.80	182.80	6,429.8	1,539.4	-1,507.1	621.6	1.58	-0.95	1.26	
8,110.0	90.60	181.00	6,428.6	1,633.0	-1,601.0	618.5	1.93	-0.21	-1.91	
8,205.0	90.60	179.60	6,427.6	1,727.8	-1,696.0	618.0	1.47	0.00	-1.47	
8,300.0	89.20	179.00	6,427.8	1,822.7	-1,791.0	619.1	1.60	-1.47	-0.63	
8,395.0	90.10	179.10	6,428.4	1,917.6	-1,886.0	620.7	0.95	0.95	0.11	
8,490.0	90.30	179.80	6,428.0	2,012.5	-1,981.0	621.6	0.77	0.21	0.74	
8,584.0	91.40	180.00	6,426.6	2,106.4	-2,075.0	621.8	1.19	1.17	0.21	
8,678.0	90.80	181.00	6,424.8	2,200.2	-2,168.9	621.0	1.24	-0.64	1.06	
8,774.0	90.70	181.40	6,423.6	2,295.9	-2,264.9	619.0	0.43	-0.10	0.42	
8,868.0	89.00	182.20	6,423.8	2,389.5	-2,358.9	616.0	2.00	-1.81	0.85	
8,962.0	89.70	182.30	6,424.9	2,483.1	-2,452.8	612.3	0.75	0.74	0.11	
9,057.0	90.50	181.60	6,424.7	2,577.7	-2,547.7	609.1	1.12	0.84	-0.74	
9,152.0	89.40	181.00	6,424.8	2,672.4	-2,642.7	606.9	1.32	-1.16	-0.63	
9,247.0	89.70	180.70	6,425.6	2,767.2	-2,737.7	605.5	0.45	0.32	-0.32	
9,341.0	89.90	181.80	6,425.9	2,860.9	-2,831.7	603.5	1.19	0.21	1.17	
9,436.0	87.50	180.40	6,428.0	2,955.6	-2,926.6	601.6	2.92	-2.53	-1.47	
9,530.0	87.70	179.70	6,432.0	3,049.3	-3,020.5	601.6	0.77	0.21	-0.74	
9,625.0	87.90	179.70	6,435.6	3,144.2	-3,115.5	602.1	0.21	0.21	0.00	
9,719.0	89.50	180.10	6,437.8	3,238.0	-3,209.4	602.2	1.75	1.70	0.43	
9,814.0	89.80	179.50	6,438.3	3,332.9	-3,304.4	602.6	0.71	0.32	-0.63	
9,909.0	90.50	179.00	6,438.1	3,427.8	-3,399.4	603.8	0.91	0.74	-0.53	



Payzone Directional  
End of Well Report



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<b>Well:</b>	Will 6-62-15-0560BH2	<b>North Reference:</b>	True
<b>Wellbore:</b>	Wellbore #1	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Design:</b>	Actual	<b>Database:</b>	EDM 5000.1 Single User Db

Survey										
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	V. Sec (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)	
10,003.0	91.30	178.70	6,436.6	3,521.7	-3,493.4	605.7	0.91	0.85	-0.32	
10,098.0	91.50	181.00	6,434.3	3,616.5	-3,588.3	605.9	2.43	0.21	2.42	
10,192.0	90.90	179.60	6,432.3	3,710.3	-3,682.3	605.4	1.62	-0.64	-1.49	
10,287.0	90.50	179.20	6,431.2	3,805.2	-3,777.3	606.4	0.60	-0.42	-0.42	
10,381.0	89.40	177.60	6,431.2	3,899.2	-3,871.3	609.1	2.07	-1.17	-1.70	
10,475.0	91.40	182.00	6,430.6	3,993.0	-3,965.2	609.4	5.14	2.13	4.68	
10,570.0	91.30	181.40	6,428.4	4,087.7	-4,060.2	606.6	0.64	-0.11	-0.63	
10,662.0	91.40	180.10	6,426.2	4,179.4	-4,152.1	605.4	1.42	0.11	-1.41	
10,754.0	92.60	179.80	6,423.0	4,271.2	-4,244.1	605.4	1.34	1.30	-0.33	
10,846.0	91.80	180.20	6,419.4	4,363.0	-4,336.0	605.4	0.97	-0.87	0.43	
10,938.0	92.10	179.20	6,416.3	4,454.8	-4,428.0	605.9	1.13	0.33	-1.09	
11,030.0	90.30	180.10	6,414.4	4,546.7	-4,519.9	606.5	2.19	-1.96	0.98	
11,122.0	90.10	180.40	6,414.1	4,638.5	-4,611.9	606.1	0.39	-0.22	0.33	
11,213.0	89.30	179.40	6,414.5	4,729.4	-4,702.9	606.2	1.41	-0.88	-1.10	
11,305.0	89.90	179.10	6,415.2	4,821.3	-4,794.9	607.4	0.73	0.65	-0.33	
11,397.0	90.60	180.40	6,414.8	4,913.2	-4,886.9	607.8	1.60	0.76	1.41	
11,489.0	89.30	181.00	6,414.9	5,005.0	-4,978.9	606.7	1.56	-1.41	0.65	
11,581.0	89.20	180.70	6,416.1	5,096.7	-5,070.9	605.4	0.34	-0.11	-0.33	
11,673.0	89.30	180.10	6,417.3	5,188.5	-5,162.9	604.7	0.66	0.11	-0.65	
11,765.0	89.40	179.50	6,418.3	5,280.4	-5,254.9	605.0	0.66	0.11	-0.65	
11,856.0	89.60	180.30	6,419.1	5,371.3	-5,345.9	605.2	0.91	0.22	0.88	
11,948.0	89.90	181.00	6,419.5	5,463.1	-5,437.8	604.2	0.83	0.33	0.76	
12,039.0	90.90	181.00	6,418.9	5,553.8	-5,528.8	602.6	1.10	1.10	0.00	
12,131.0	89.70	181.60	6,418.4	5,645.5	-5,620.8	600.5	1.46	-1.30	0.65	
12,223.0	91.20	181.90	6,417.7	5,737.2	-5,712.8	597.7	1.66	1.63	0.33	
12,315.0	89.40	182.50	6,417.2	5,828.8	-5,804.7	594.1	2.06	-1.96	0.65	
12,406.0	90.30	182.40	6,417.4	5,919.3	-5,895.6	590.2	1.00	0.99	-0.11	



Payzone Directional  
End of Well Report



<b>Company:</b>	Bill Barrett Corporation	<b>Local Co-ordinate Reference:</b>	Well Will 6-62-15-0560BH2
<b>Project:</b>	Weld County, CO	<b>TVD Reference:</b>	Will 6-62-15-0560BH2 @ 4766.0usft (CADE 24)
<b>Site:</b>	SECTION 15 T6N, R62W	<b>MD Reference:</b>	Will 6-62-15-0560BH2 @ 4766.0usft (CADE 24)
<b>Well:</b>	Will 6-62-15-0560BH2	<b>North Reference:</b>	True
<b>Wellbore:</b>	Wellbore #1	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Design:</b>	Actual	<b>Database:</b>	EDM 5000.1 Single User Db

Survey										
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	V. Sec (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)	
12,498.0	90.90	181.50	6,416.5	6,010.9	-5,987.5	587.1	1.18	0.65	-0.98	
12,589.0	89.60	182.10	6,416.1	6,101.6	-6,078.5	584.3	1.57	-1.43	0.66	
12,682.0	91.40	182.50	6,415.3	6,194.2	-6,171.4	580.5	1.98	1.94	0.43	
12,773.0	89.60	180.50	6,414.5	6,284.8	-6,262.4	578.1	2.96	-1.98	-2.20	
12,865.0	88.70	179.40	6,415.8	6,376.7	-6,354.4	578.2	1.54	-0.98	-1.20	
12,957.0	89.60	180.30	6,417.2	6,468.6	-6,446.3	578.5	1.38	0.98	0.98	
13,048.0	89.70	181.50	6,417.7	6,559.3	-6,537.3	577.0	1.32	0.11	1.32	
13,140.0	89.70	183.10	6,418.2	6,650.9	-6,629.2	573.3	1.74	0.00	1.74	
13,232.0	89.20	183.40	6,419.1	6,742.3	-6,721.1	568.1	0.63	-0.54	0.33	
13,324.0	88.30	181.80	6,421.1	6,833.8	-6,813.0	564.0	2.00	-0.98	-1.74	
13,416.0	91.30	182.30	6,421.4	6,925.4	-6,904.9	560.7	3.31	3.26	0.54	
13,507.0	92.90	182.90	6,418.1	7,015.9	-6,995.7	556.5	1.88	1.76	0.66	
13,599.0	93.00	182.80	6,413.4	7,107.3	-7,087.5	552.0	0.15	0.11	-0.11	
13,682.0	92.00	182.40	6,409.8	7,189.7	-7,170.3	548.2	1.30	-1.20	-0.48	
13,773.0	89.20	178.00	6,408.8	7,280.6	-7,261.3	547.9	5.73	-3.08	-4.84	
13,864.0	88.80	177.10	6,410.4	7,371.5	-7,352.2	551.8	1.08	-0.44	-0.99	
13,956.0	88.70	176.30	6,412.4	7,463.5	-7,444.0	557.1	0.88	-0.11	-0.87	
14,048.0	88.70	175.70	6,414.5	7,555.5	-7,535.8	563.5	0.65	0.00	-0.65	
14,139.0	90.10	177.70	6,415.4	7,646.5	-7,626.6	568.7	2.68	1.54	2.20	
14,231.0	90.00	179.00	6,415.4	7,738.4	-7,718.6	571.4	1.42	-0.11	1.41	
14,322.0	89.50	180.10	6,415.8	7,829.3	-7,809.6	572.1	1.33	-0.55	1.21	
14,414.0	90.30	180.40	6,415.9	7,921.2	-7,901.6	571.7	0.93	0.87	0.33	
14,505.0	90.00	179.50	6,415.7	8,012.0	-7,992.6	571.8	1.04	-0.33	-0.99	
14,597.0	91.10	180.20	6,414.8	8,103.9	-8,084.6	572.0	1.42	1.20	0.76	
14,688.0	90.80	180.00	6,413.3	8,194.7	-8,175.6	571.9	0.40	-0.33	-0.22	
14,779.0	91.60	180.10	6,411.4	8,285.5	-8,266.5	571.8	0.89	0.88	0.11	
14,871.0	91.20	181.70	6,409.1	8,377.3	-8,358.5	570.3	1.79	-0.43	1.74	





**Payzone Directional**  
End of Well Report



<b>Company:</b>	Bill Barrett Corporation	<b>Local Co-ordinate Reference:</b>	Well Will 6-62-15-0560BH2
<b>Project:</b>	Weld County, CO	<b>TVD Reference:</b>	Will 6-62-15-0560BH2 @ 4766.0usft (CADE 24)
<b>Site:</b>	SECTION 15 T6N, R62W	<b>MD Reference:</b>	Will 6-62-15-0560BH2 @ 4766.0usft (CADE 24)
<b>Well:</b>	Will 6-62-15-0560BH2	<b>North Reference:</b>	True
<b>Wellbore:</b>	Wellbore #1	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Design:</b>	Actual	<b>Database:</b>	EDM 5000.1 Single User Db

Survey										
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	V. Sec (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)	
14,963.0	91.80	182.00	6,406.7	8,468.9	-8,450.4	567.4	0.73	0.65	0.33	
15,054.0	90.30	181.50	6,405.1	8,559.5	-8,541.4	564.6	1.74	-1.65	-0.55	
15,146.0	90.00	180.70	6,404.8	8,651.3	-8,633.3	562.8	0.93	-0.33	-0.87	
15,238.0	90.10	180.10	6,404.7	8,743.1	-8,725.3	562.2	0.66	0.11	-0.65	
15,329.0	90.70	179.90	6,404.1	8,834.0	-8,816.3	562.2	0.70	0.66	-0.22	
15,420.0	90.30	180.00	6,403.3	8,924.8	-8,907.3	562.3	0.45	-0.44	0.11	
15,512.0	90.00	181.70	6,403.1	9,016.6	-8,999.3	560.9	1.88	-0.33	1.85	
15,604.0	89.10	181.90	6,403.8	9,108.2	-9,091.3	558.0	1.00	-0.98	0.22	
15,695.0	88.10	182.00	6,406.0	9,198.8	-9,182.2	554.9	1.10	-1.10	0.11	
15,787.0	88.90	181.70	6,408.4	9,290.4	-9,274.1	551.9	0.93	0.87	-0.33	
15,881.0	89.40	181.80	6,409.8	9,384.1	-9,368.0	549.1	0.54	0.53	0.11	
15,977.0	89.60	181.60	6,410.6	9,479.7	-9,464.0	546.2	0.29	0.21	-0.21	
16,071.0	90.00	181.20	6,411.0	9,573.4	-9,558.0	543.9	0.60	0.43	-0.43	
16,140.0	90.50	181.20	6,410.7	9,642.2	-9,627.0	542.5	0.72	0.72	0.00	
16,210.0	90.50	181.20	6,410.1	9,712.0	-9,696.9	541.0	0.00	0.00	0.00	

Checked By: _____	Approved By: _____	Date: _____
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Well Name: Will 6-62-15-0560BH2  
Surface Location: SECTION 15 T6N, R62W  
North American Datum 1983, US State Plane 1983, Colorado Northern Zone  
Ground Elevation: 4750.0  
+N/-S +E/-W Northing Easting Latitude Longitude Slot  
0.0 0.0 1424896.40 3331074.69 40° 29' 37.110 N 104° 18' 34.510 W  
CADE 24 Will 6-62-15-0560BH2 @ 4766.0usft (CADE 24)

