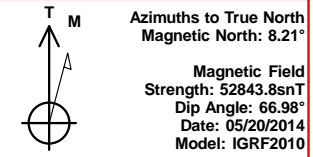
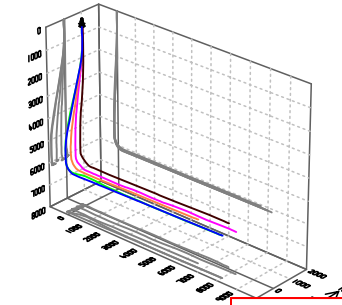




Bill Barrett Corp.
Project: Weld Co., CO
Site: Sec.2-T4N-R62W
Well: Anschutz State 4-62-02-3228CH2
Wellbore: Wellbore #1
Design: Design #6
Lat: 40° 20' 40.628 N
Long: 104° 18' 6.149 W
Pad GL: 4544.00
KB: WELL @ 4566.00usft (Original Well Elev)

Archer



SECTION DETAILS

MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSect	Annotation
760.00	0.36	166.31	759.97	-0.49	-3.79	0.00	0.00	-3.80	Start 140.00 hold at 760.00 MD
900.00	0.36	166.31	899.96	-1.34	-3.58	0.00	0.00	-3.61	Start DLS 2.00 TFO 27.78
1562.94	13.58	193.39	1556.57	-79.42	-21.19	2.00	27.78	-22.61	Start 3043.46 hold at 1562.94 MD
4606.40	13.58	193.39	4514.96	-774.52	-186.70	0.00	0.00	-200.46	Start Drop -2.00
5285.32	0.00	0.00	5187.54	-852.41	-205.25	2.00	180.00	-220.39	Start 500.00 hold at 5285.32 MD
5785.32	0.00	0.00	5687.54	-852.41	-205.25	0.00	0.00	-220.39	Start Build 12.00
6537.48	90.26	88.98	6165.00	-843.85	274.30	12.00	88.98	259.23	Start 7737.89 hold at 6537.48 MD
14275.37	90.26	88.98	6130.00	-705.79	8010.88	0.00	0.00	7997.04	TD at 14275.37

WELL DETAILS: Anschutz State 4-62-02-3228CH2

+N/-S	+E/-W	Northing	Ground Level: Easting	4544.00 Latitude	Longitude	Slot
0.00	0.00	1370642.131	3333999.198	40° 20' 40.628 N	104° 18' 6.149 W	

PROJECT DETAILS: Weld Co., CO

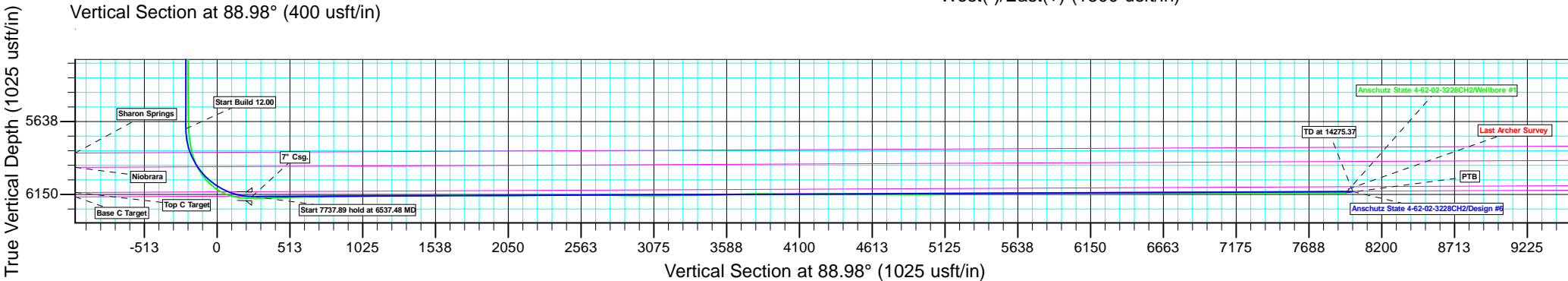
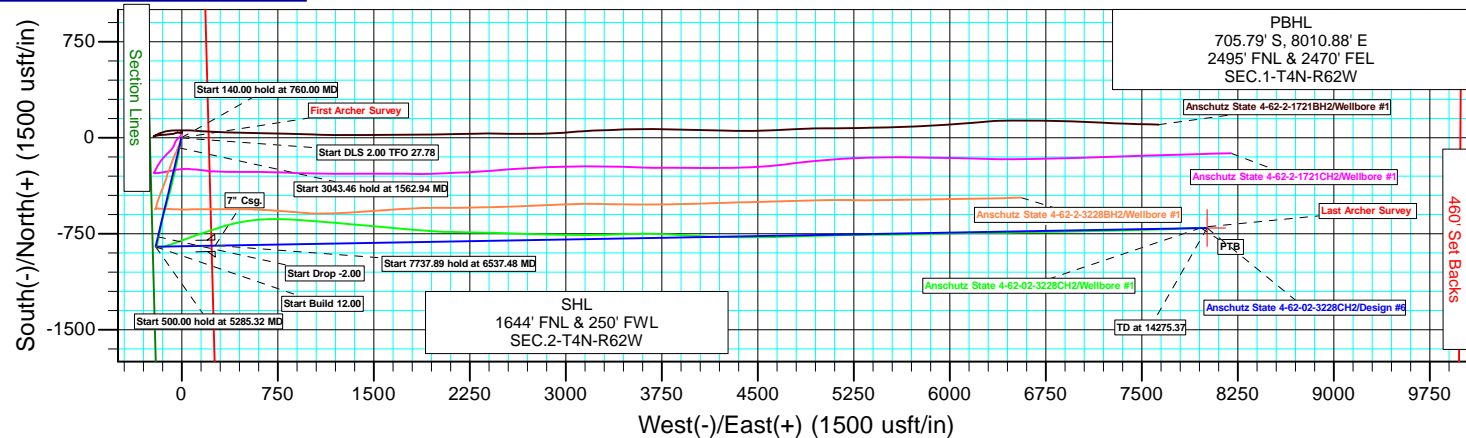
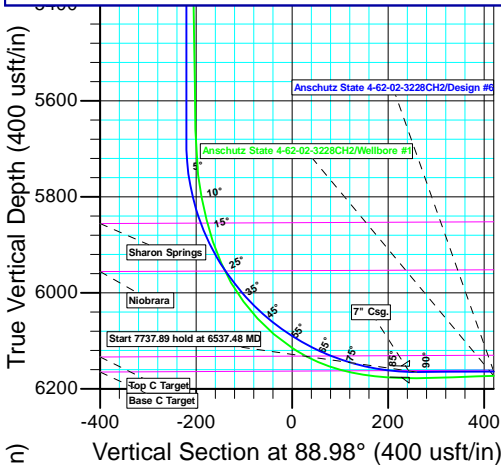
Geodetic System: US State Plane 1983
Datum: North American Datum 1983
Ellipsoid: GRS 1980
Zone: Colorado Northern Zone
System Datum: Mean Sea Level

CASING DETAILS

TVD	MD	Name
6164.84	6522.90	7" Csg.

WELLBORE TARGET DETAILS (LAT/LONG)

Name	TVD	+N/-S	+E/-W	Latitude	Longitude	Shape Point
Anschutz State 4-62-2-3228CH2 tgt	6130.00	-705.79	8010.88	40° 20' 33.641 N	104° 16' 22.688 W	



Plan: Design #6 (Anschutz State 4-62-02-3228CH2/Wellbore #1)

Created By: Ricky Osburn Date: 8:52, June 07 2014



Bill Barrett Corporation

Bill Barrett Corp.

Weld Co., CO

Sec.2-T4N-R62W

Anschutz State 4-62-02-3228CH2

Wellbore #1

Survey: Survey #1

Standard Survey Report

07 June, 2014

Archer

Company:	Bill Barrett Corp.	Local Co-ordinate Reference:	Well Anschutz State 4-62-02-3228CH2
Project:	Weld Co., CO	TVD Reference:	WELL @ 4566.00usft (Original Well Elev)
Site:	Sec.2-T4N-R62W	MD Reference:	WELL @ 4566.00usft (Original Well Elev)
Well:	Anschutz State 4-62-02-3228CH2	North Reference:	True
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	Database:	EDMDBBW

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

Site		Sec.2-T4N-R62W			
Site Position:		Northing:	1,370,686.920 usft	Latitude:	40° 20' 41.071 N
From:	Lat/Long	Easting:	3,333,996.920 usft	Longitude:	104° 18' 6.170 W
Position Uncertainty:	0.00 usft	Slot Radius:	13-3/16 "	Grid Convergence:	0.77 °

Well		Anschutz State 4-62-02-3228CH2				
Well Position	+N/-S	0.00 usft	Northing:	1,370,642.131 usft	Latitude:	40° 20' 40.628 N
	+E/-W	0.00 usft	Easting:	3,333,999.198 usft	Longitude:	104° 18' 6.149 W
Position Uncertainty		0.00 usft	Wellhead Elevation:	usft	Ground Level:	4,544.00 usft

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	05/20/14	8.21	66.98	52,844

Design	Wellbore #1				
Audit Notes:					
Version:	1.0	Phase:	ACTUAL	Tie On Depth:	0.00
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)	
	0.00	0.00	0.00	88.98	

Survey Program	Date	06/07/14			
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
100.00	14,275.00	Survey #1 (Wellbore #1)	GYRO	GyroCompass Mode	

Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
100.00	0.81	270.71	100.00	0.01	-0.71	-0.71	0.81	0.81	0.00	
200.00	0.66	238.86	199.99	-0.28	-1.91	-1.91	0.43	-0.15	-31.85	
300.00	0.48	199.87	299.98	-0.97	-2.54	-2.56	0.42	-0.18	-38.99	
400.00	0.36	126.43	399.98	-1.55	-2.43	-2.46	0.51	-0.12	-73.44	
500.00	0.44	14.67	499.98	-1.37	-2.08	-2.11	0.66	0.08	-111.76	
600.00	0.83	314.44	599.98	-0.49	-2.50	-2.51	0.72	0.39	-60.23	
700.00	0.63	248.31	699.97	-0.19	-3.53	-3.53	0.81	-0.20	-66.13	
760.00	0.36	166.31	759.97	-0.49	-3.79	-3.80	1.13	-0.45	-136.67	
First Archer Survey										
875.00	0.30	241.60	874.97	-0.98	-3.97	-3.99	0.35	-0.05	65.47	
967.00	1.90	191.50	966.95	-2.59	-4.49	-4.53	1.87	1.74	-54.46	
1,058.00	3.60	193.50	1,057.84	-6.85	-5.45	-5.58	1.87	1.87	2.20	

Company:	Bill Barrett Corp.	Local Co-ordinate Reference:	Well Anschutz State 4-62-02-3228CH2
Project:	Weld Co., CO	TVD Reference:	WELL @ 4566.00usft (Original Well Elev)
Site:	Sec.2-T4N-R62W	MD Reference:	WELL @ 4566.00usft (Original Well Elev)
Well:	Anschutz State 4-62-02-3228CH2	North Reference:	True
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	Database:	EDMDBBW

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
1,150.00	6.60	193.20	1,149.46	-14.81	-7.34	-7.60	3.26	3.26	-0.33
1,242.00	9.30	190.30	1,240.57	-27.27	-9.87	-10.36	2.97	2.93	-3.15
1,333.00	11.60	191.00	1,330.06	-43.49	-12.93	-13.71	2.53	2.53	0.77
1,426.00	12.10	190.10	1,421.07	-62.26	-16.43	-17.53	0.57	0.54	-0.97
1,518.00	11.60	188.10	1,511.11	-80.91	-19.42	-20.86	0.70	-0.54	-2.17
1,610.00	10.70	185.90	1,601.38	-98.57	-21.60	-23.35	1.08	-0.98	-2.39
1,702.00	12.30	188.80	1,691.53	-116.75	-23.98	-26.05	1.85	1.74	3.15
1,793.00	12.30	189.40	1,780.44	-135.89	-27.05	-29.46	0.14	0.00	0.66
1,885.00	13.60	190.90	1,870.10	-156.18	-30.69	-33.47	1.46	1.41	1.63
1,980.00	13.80	192.10	1,962.39	-178.23	-35.18	-38.35	0.37	0.21	1.26
2,075.00	13.70	192.40	2,054.67	-200.29	-39.97	-43.53	0.13	-0.11	0.32
2,170.00	13.50	192.30	2,147.01	-222.11	-44.75	-48.70	0.21	-0.21	-0.11
2,265.00	13.50	192.90	2,239.38	-243.76	-49.59	-53.92	0.15	0.00	0.63
2,361.00	14.70	193.20	2,332.49	-266.54	-54.87	-59.61	1.25	1.25	0.31
2,456.00	14.90	193.30	2,424.34	-290.16	-60.43	-65.59	0.21	0.21	0.11
2,551.00	15.10	193.70	2,516.10	-314.07	-66.17	-71.75	0.24	0.21	0.42
2,646.00	15.30	193.40	2,607.78	-338.28	-72.01	-78.02	0.23	0.21	-0.32
2,741.00	15.50	193.20	2,699.37	-362.83	-77.81	-84.26	0.22	0.21	-0.21
2,836.00	15.40	193.90	2,790.93	-387.44	-83.74	-90.62	0.22	-0.11	0.74
2,931.00	15.30	194.40	2,882.54	-411.82	-89.89	-97.20	0.17	-0.11	0.53
3,027.00	15.10	195.10	2,975.19	-436.16	-96.29	-104.04	0.28	-0.21	0.73
3,122.00	14.70	194.80	3,066.99	-459.76	-102.60	-110.76	0.43	-0.42	-0.32
3,217.00	14.90	195.50	3,158.84	-483.19	-108.94	-117.52	0.28	0.21	0.74
3,313.00	14.80	195.70	3,251.63	-506.88	-115.56	-124.56	0.12	-0.10	0.21
3,408.00	15.10	196.10	3,343.42	-530.45	-122.27	-131.69	0.33	0.32	0.42
3,503.00	15.50	196.20	3,435.05	-554.53	-129.24	-139.09	0.42	0.42	0.11
3,598.00	15.80	196.90	3,526.53	-579.10	-136.54	-146.83	0.37	0.32	0.74
3,692.00	15.50	194.30	3,617.04	-603.51	-143.37	-154.09	0.81	-0.32	-2.77
3,787.00	14.10	191.40	3,708.89	-627.16	-148.79	-159.93	1.67	-1.47	-3.05
3,882.00	13.60	192.20	3,801.13	-649.42	-153.44	-164.97	0.56	-0.53	0.84
3,977.00	13.10	192.80	3,893.56	-670.83	-158.18	-170.10	0.55	-0.53	0.63
4,072.00	13.10	191.50	3,986.09	-691.88	-162.72	-175.01	0.31	0.00	-1.37
4,167.00	13.40	191.20	4,078.56	-713.23	-167.00	-179.67	0.32	0.32	-0.32
4,262.00	13.30	191.60	4,170.99	-734.73	-171.34	-184.39	0.14	-0.11	0.42
4,357.00	12.70	192.20	4,263.56	-755.64	-175.74	-189.16	0.65	-0.63	0.63
4,452.00	12.30	191.60	4,356.31	-775.76	-179.98	-193.76	0.44	-0.42	-0.63
4,547.00	12.00	192.10	4,449.18	-795.33	-184.09	-198.21	0.33	-0.32	0.53
4,642.00	10.40	192.70	4,542.37	-813.35	-188.04	-202.49	1.69	-1.68	0.63
4,735.00	9.10	190.30	4,634.02	-828.78	-191.20	-205.92	1.46	-1.40	-2.58
4,830.00	8.00	183.90	4,727.97	-842.77	-192.99	-207.97	1.53	-1.16	-6.74
4,926.00	6.00	175.50	4,823.25	-854.44	-193.06	-208.23	2.34	-2.08	-8.75
5,020.00	2.50	156.50	4,916.98	-861.22	-191.85	-207.15	3.96	-3.72	-20.21
5,116.00	0.10	116.80	5,012.95	-863.17	-190.94	-206.28	2.52	-2.50	-41.35
5,211.00	0.10	48.80	5,107.95	-863.16	-190.81	-206.14	0.12	0.00	-71.58
5,306.00	0.30	98.50	5,202.95	-863.14	-190.50	-205.83	0.26	0.21	52.32
5,400.00	0.40	358.10	5,296.95	-862.85	-190.27	-205.59	0.58	0.11	-106.81
5,495.00	0.70	77.80	5,391.94	-862.39	-189.71	-205.03	0.78	0.32	83.89
5,590.00	0.80	101.90	5,486.93	-862.41	-188.49	-203.81	0.35	0.11	25.37
5,688.00	1.00	120.40	5,564.93	-862.86	-187.37	-202.70	0.45	0.26	23.72
5,763.00	0.80	123.80	5,659.91	-863.65	-186.11	-201.45	0.22	-0.21	3.58
5,858.00	6.20	81.30	5,754.71	-863.25	-180.48	-195.82	5.93	5.68	-44.74
5,905.00	11.70	70.00	5,801.12	-861.23	-173.49	-188.79	12.23	11.70	-24.04
5,953.00	14.50	75.70	5,847.87	-858.08	-163.09	-178.34	6.42	5.83	11.87
6,000.00	19.40	73.10	5,892.81	-854.36	-149.91	-165.09	10.55	10.43	-5.53

Company:	Bill Barrett Corp.	Local Co-ordinate Reference:	Well Anschutz State 4-62-02-3228CH2
Project:	Weld Co., CO	TVD Reference:	WELL @ 4566.00usft (Original Well Elev)
Site:	Sec.2-T4N-R62W	MD Reference:	WELL @ 4566.00usft (Original Well Elev)
Well:	Anschutz State 4-62-02-3228CH2	North Reference:	True
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	Database:	EDMDBBW

Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	
6,048.00	24.40	72.40	5,937.34	-849.04	-132.82	-147.91	10.43	10.42	-1.46	
6,095.00	31.30	71.90	5,978.87	-842.30	-111.94	-126.91	14.69	14.68	-1.06	
6,143.00	37.70	70.50	6,018.41	-833.52	-86.22	-101.05	13.43	13.33	-2.92	
6,190.00	44.70	70.40	6,053.75	-823.16	-57.07	-71.71	14.89	14.89	-0.21	
6,238.00	50.60	70.00	6,086.07	-811.15	-23.71	-38.15	12.31	12.29	-0.83	
6,286.00	58.30	70.50	6,113.96	-797.97	13.02	-1.19	16.06	16.04	1.04	
6,333.00	64.50	70.20	6,136.44	-784.10	51.86	37.90	13.20	13.19	-0.64	
6,380.00	72.00	70.20	6,153.85	-769.32	92.91	79.20	15.96	15.96	0.00	
6,395.00	74.00	70.50	6,158.23	-764.50	106.42	92.79	13.47	13.33	2.00	
6,428.00	78.50	70.70	6,166.07	-753.85	136.64	123.20	13.65	13.64	0.61	
6,445.00	81.60	70.50	6,169.01	-748.29	152.43	139.09	18.27	18.24	-1.18	
6,609.00	92.20	73.40	6,177.87	-697.65	307.90	295.44	6.70	6.46	1.77	
6,701.00	92.20	77.00	6,174.34	-674.17	396.77	384.71	3.91	0.00	3.91	
6,793.00	91.30	79.90	6,171.53	-655.76	486.86	475.10	3.30	-0.98	3.15	
6,886.00	91.20	83.90	6,169.50	-642.66	578.89	567.35	4.30	-0.11	4.30	
6,977.00	91.20	88.10	6,167.59	-636.32	669.62	658.19	4.61	0.00	4.62	
7,069.00	88.80	91.00	6,167.59	-635.59	761.61	750.17	4.09	-2.61	3.15	
7,161.00	91.20	93.70	6,167.59	-639.36	853.51	842.00	3.93	2.61	2.93	
7,253.00	92.00	93.60	6,165.02	-645.22	945.29	933.65	0.88	0.87	-0.11	
7,343.00	90.90	94.40	6,162.74	-651.49	1,035.04	1,023.28	1.51	-1.22	0.89	
7,434.00	90.90	94.40	6,161.31	-658.48	1,125.76	1,113.86	0.00	0.00	0.00	
7,527.00	90.00	95.20	6,160.58	-666.26	1,218.43	1,206.38	1.29	-0.97	0.86	
7,619.00	90.10	95.20	6,160.50	-674.60	1,310.05	1,297.83	0.11	0.11	0.00	
7,709.00	90.20	95.20	6,160.27	-682.75	1,399.68	1,387.30	0.11	0.11	0.00	
7,801.00	90.80	95.20	6,159.46	-691.09	1,491.30	1,478.76	0.65	0.65	0.00	
7,893.00	91.20	95.30	6,157.86	-699.51	1,582.90	1,570.19	0.45	0.43	0.11	
7,986.00	90.80	95.20	6,156.24	-708.02	1,675.49	1,662.62	0.44	-0.43	-0.11	
8,078.00	88.90	95.00	6,156.48	-716.19	1,767.12	1,754.09	2.08	-2.07	-0.22	
8,170.00	88.90	94.70	6,158.24	-723.97	1,858.78	1,845.60	0.33	0.00	-0.33	
8,261.00	89.80	93.30	6,159.28	-730.32	1,949.55	1,936.24	1.83	0.99	-1.54	
8,353.00	90.80	92.00	6,158.79	-734.57	2,041.44	2,028.04	1.78	1.09	-1.41	
8,444.00	90.50	91.60	6,157.76	-737.43	2,132.39	2,118.93	0.55	-0.33	-0.44	
8,536.00	91.10	91.30	6,156.48	-739.76	2,224.35	2,210.83	0.73	0.65	-0.33	
8,628.00	90.20	90.60	6,155.43	-741.28	2,316.33	2,302.77	1.24	-0.98	-0.76	
8,720.00	90.70	90.90	6,154.71	-742.49	2,408.32	2,394.72	0.63	0.54	0.33	
8,812.00	91.20	91.90	6,153.19	-744.73	2,500.28	2,486.63	1.22	0.54	1.09	
8,904.00	90.50	92.30	6,151.82	-748.10	2,592.21	2,578.48	0.88	-0.76	0.43	
8,996.00	88.80	91.60	6,152.38	-751.23	2,684.15	2,670.35	2.00	-1.85	-0.76	
9,088.00	88.50	91.60	6,154.55	-753.80	2,776.09	2,762.23	0.33	-0.33	0.00	
9,180.00	88.70	91.90	6,156.80	-756.61	2,868.02	2,854.09	0.39	0.22	0.33	
9,272.00	89.90	90.80	6,157.92	-758.78	2,959.98	2,946.01	1.77	1.30	-1.20	
9,363.00	90.00	90.10	6,158.00	-759.49	3,050.98	3,036.98	0.78	0.11	-0.77	
9,455.00	90.50	90.60	6,157.60	-760.06	3,142.98	3,128.95	0.77	0.54	0.54	
9,547.00	90.20	88.70	6,157.04	-759.49	3,234.97	3,220.94	2.09	-0.33	-2.07	
9,639.00	90.50	88.80	6,156.48	-757.49	3,326.94	3,312.93	0.34	0.33	0.11	
9,730.00	90.90	88.30	6,155.36	-755.18	3,417.91	3,403.92	0.70	0.44	-0.55	
9,822.00	91.40	88.10	6,153.52	-752.29	3,509.84	3,495.90	0.59	0.54	-0.22	
9,913.00	91.70	89.30	6,151.06	-750.23	3,600.79	3,586.86	1.36	0.33	1.32	
10,005.00	91.80	91.70	6,148.25	-751.03	3,692.73	3,678.78	2.61	0.11	2.61	
10,097.00	91.30	93.00	6,145.76	-754.80	3,784.62	3,770.58	1.51	-0.54	1.41	
10,189.00	88.70	93.00	6,145.76	-759.62	3,876.48	3,862.35	2.83	-2.83	0.00	
10,281.00	89.10	93.10	6,147.52	-764.51	3,968.34	3,954.10	0.45	0.43	0.11	
10,373.00	88.90	93.40	6,149.13	-769.73	4,060.18	4,045.83	0.39	-0.22	0.33	
10,465.00	91.00	91.60	6,149.21	-773.74	4,152.08	4,137.65	3.01	2.28	-1.96	

Company:	Bill Barrett Corp.	Local Co-ordinate Reference:	Well Anschutz State 4-62-02-3228CH2
Project:	Weld Co., CO	TVD Reference:	WELL @ 4566.00usft (Original Well Elev)
Site:	Sec.2-T4N-R62W	MD Reference:	WELL @ 4566.00usft (Original Well Elev)
Well:	Anschutz State 4-62-02-3228CH2	North Reference:	True
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	Database:	EDMDBBW

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
10,560.00	91.90	91.30	6,146.81	-776.14	4,247.02	4,232.53	1.00	0.95	-0.32
10,655.00	90.30	90.80	6,144.98	-777.88	4,341.98	4,327.44	1.76	-1.68	-0.53
10,750.00	89.50	90.30	6,145.15	-778.80	4,436.97	4,422.41	0.99	-0.84	-0.53
10,844.00	89.40	88.80	6,146.05	-778.06	4,530.96	4,516.40	1.60	-0.11	-1.60
10,940.00	89.10	88.10	6,147.31	-775.46	4,626.92	4,612.38	0.79	-0.31	-0.73
11,004.00	89.50	88.40	6,148.09	-773.51	4,690.89	4,676.37	0.78	0.62	0.47
11,096.00	89.50	88.70	6,148.89	-771.18	4,782.85	4,768.37	0.33	0.00	0.33
11,188.00	89.60	88.70	6,149.61	-769.09	4,874.83	4,860.36	0.11	0.11	0.00
11,281.00	90.90	88.80	6,149.21	-767.06	4,967.80	4,953.36	1.40	1.40	0.11
11,372.00	91.10	88.70	6,147.62	-765.08	5,058.77	5,044.34	0.25	0.22	-0.11
11,464.00	91.10	88.60	6,145.85	-762.91	5,150.72	5,136.33	0.11	0.00	-0.11
11,556.00	90.90	89.00	6,144.25	-760.98	5,242.69	5,228.31	0.49	-0.22	0.43
11,647.00	90.50	89.10	6,143.14	-759.48	5,333.67	5,319.30	0.45	-0.44	0.11
11,738.00	90.10	89.50	6,142.66	-758.36	5,424.66	5,410.30	0.62	-0.44	0.44
11,831.00	90.00	89.50	6,142.58	-757.55	5,517.66	5,503.30	0.11	-0.11	0.00
11,923.00	90.70	89.90	6,142.02	-757.07	5,609.65	5,595.29	0.88	0.76	0.43
12,015.00	90.00	88.90	6,141.45	-756.11	5,701.64	5,687.28	1.33	-0.76	-1.09
12,107.00	89.50	88.10	6,141.86	-753.70	5,793.61	5,779.28	1.03	-0.54	-0.87
12,199.00	88.80	87.90	6,143.22	-750.49	5,885.54	5,871.25	0.79	-0.76	-0.22
12,290.00	89.40	88.40	6,144.65	-747.55	5,976.49	5,962.23	0.86	0.66	0.55
12,382.00	89.70	88.80	6,145.37	-745.30	6,068.45	6,054.23	0.54	0.33	0.43
12,474.00	90.70	90.00	6,145.05	-744.34	6,160.45	6,146.22	1.70	1.09	1.30
12,566.00	90.00	90.20	6,144.49	-744.50	6,252.44	6,238.20	0.79	-0.76	0.22
12,658.00	90.70	89.20	6,143.93	-744.02	6,344.44	6,330.19	1.33	0.76	-1.09
12,750.00	90.50	88.80	6,142.96	-742.41	6,436.42	6,422.18	0.49	-0.22	-0.43
12,842.00	90.30	88.80	6,142.32	-740.49	6,528.40	6,514.18	0.22	-0.22	0.00
12,932.00	91.20	89.20	6,141.14	-738.92	6,618.37	6,604.17	1.09	1.00	0.44
13,024.00	91.00	89.10	6,139.38	-737.55	6,710.35	6,696.15	0.24	-0.22	-0.11
13,116.00	90.60	88.70	6,138.09	-735.79	6,802.32	6,788.15	0.61	-0.43	-0.43
13,208.00	90.30	88.90	6,137.37	-733.86	6,894.30	6,880.14	0.39	-0.33	0.22
13,300.00	89.10	88.90	6,137.85	-732.09	6,986.28	6,972.14	1.30	-1.30	0.00
13,392.00	89.70	89.60	6,138.82	-730.89	7,078.26	7,064.13	1.00	0.65	0.76
13,484.00	90.50	88.60	6,138.66	-729.44	7,170.25	7,156.13	1.39	0.87	-1.09
13,576.00	90.50	88.40	6,137.85	-727.04	7,262.22	7,248.12	0.22	0.00	-0.22
13,668.00	90.30	88.50	6,137.21	-724.55	7,354.18	7,340.12	0.24	-0.22	0.11
13,763.00	89.90	88.70	6,137.04	-722.23	7,449.15	7,435.11	0.47	-0.42	0.21
13,858.00	89.90	89.10	6,137.21	-720.40	7,544.13	7,530.11	0.42	0.00	0.42
13,954.00	90.20	87.70	6,137.13	-717.72	7,640.09	7,626.11	1.49	0.31	-1.46
14,049.00	90.00	87.80	6,136.96	-713.99	7,735.02	7,721.08	0.24	-0.21	0.11
14,144.00	89.70	87.30	6,137.21	-709.93	7,829.93	7,816.05	0.61	-0.32	-0.53
Last Archer Survey									
14,214.00	89.20	87.20	6,137.88	-706.57	7,899.85	7,886.02	0.73	-0.71	-0.14
PTB - Anschutz State4-62-2-3228CH2 tgt									
14,275.00	89.20	87.20	6,138.73	-703.59	7,960.77	7,946.98	0.00	0.00	0.00

Survey Annotations				
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
875.00	874.97	-0.98	-3.97	First Archer Survey
14,214.00	6,137.88	-706.57	7,899.85	Last Archer Survey
14,275.00	6,138.73	-703.59	7,960.77	PTB

Company:	Bill Barrett Corp.	Local Co-ordinate Reference:	Well Anschutz State 4-62-02-3228CH2
Project:	Weld Co., CO	TVD Reference:	WELL @ 4566.00usft (Original Well Elev)
Site:	Sec.2-T4N-R62W	MD Reference:	WELL @ 4566.00usft (Original Well Elev)
Well:	Anschutz State 4-62-02-3228CH2	North Reference:	True
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	Database:	EDMDBBW

Checked By: _____	Approved By: _____	Date: _____
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