



**Bill Barrett Corporation**

## **Bill Barrett Corp.**

Weld Co., CO

Sec.26-T5N-R62W

Anschutz State 5-62-26-1609BH2

Wellbore #1

Plan: Design #2

## **Standard Planning Report**

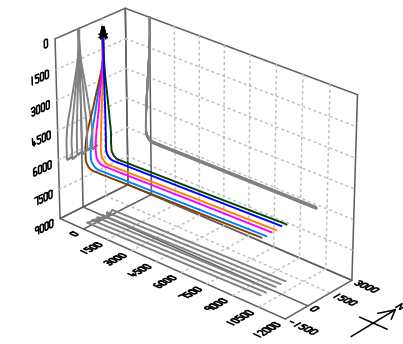
11 February, 2015

# **Archer**



Bill Barrett Corp.  
Project: Weld Co., CO  
Site: Sec.26-T5N-R62W  
Well: Anschutz State 5-62-26-1609BH2  
Wellbore: Wellbore #1  
Design: Design #2  
Lat: 40° 22' 26.681 N  
Long: 104° 17' 56.422 W  
Pad GL: 4640.00  
KB: WELL @ 4656.00usft (Original Well Elev)

# Archer



Azimuths to True North  
Magnetic North: 8.18°  
Magnetic Field  
Strength: 52834.7nT  
Dip Angle: 66.99°  
Date: 2014/08/11  
Model: IGRF2010

## SECTION DETAILS

MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSect	Annotation
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
900.00	0.00	0.00	900.00	0.00	0.00	0.00	0.00	0.00	Start Build 2.00
1236.65	6.73	319.68	1235.88	15.06	-12.79	2.00	319.68	-12.35	Start 3678.15 hold at 1236.65 MD
4914.81	6.73	319.68	4888.66	343.84	-291.84	0.00	0.00	-281.95	Start Drop -2.00
5251.46	0.00	0.00	5224.54	358.90	-304.63	2.00	180.00	-294.30	Start 500.01 hold at 5251.46 MD
5751.47	0.00	0.00	5724.55	358.90	-304.63	0.00	0.00	-294.30	Start Build 12.00
6505.39	90.47	88.37	6202.00	372.60	176.56	12.00	88.37	187.09	Start 9733.95 hold at 6505.39 MD
16239.34	90.47	88.37	6122.00	649.71	9906.24	0.00	0.00	9920.71	TD at 16239.34

## WELL DETAILS: Anschutz State 5-62-26-1609BH2

+N/-S	+E/-W	Northing	Ground Level: Easting	4640.00 Latitude	Longitude	Slot
0.00	0.00	1381383.061	3334606.935	40° 22' 26.681 N	104° 17' 56.422 W	

## PROJECT DETAILS: Weld Co., CO

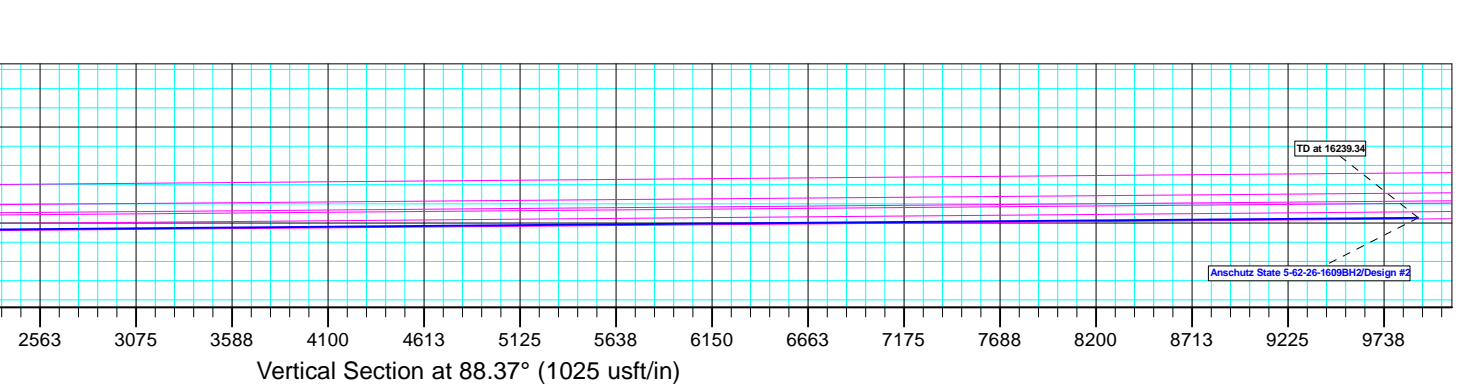
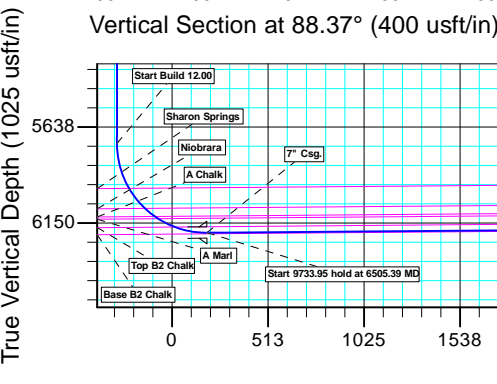
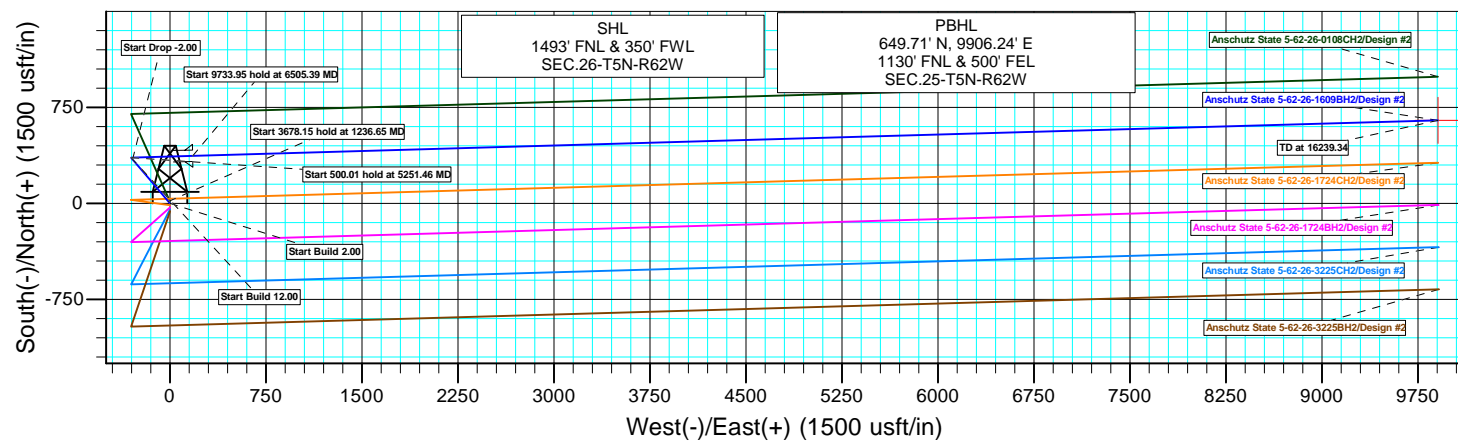
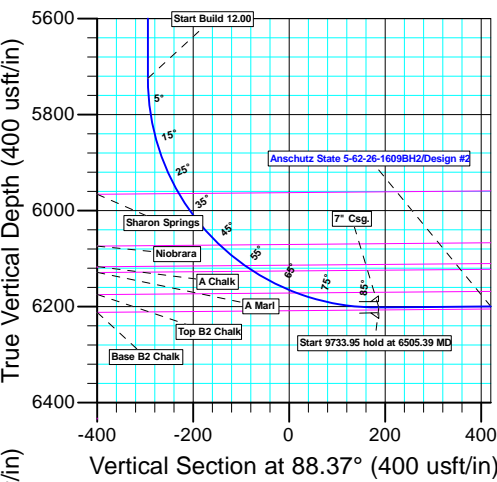
Geodetic System: US State Plane 1983  
Datum: North American Datum 1983  
Ellipsoid: GRS 1980  
Zone: Colorado Northern Zone  
System Datum: Mean Sea Level

## CASING DETAILS

TVD	MD	Name
6202.00	6505.39	7" Csg.

## WELLBORE TARGET DETAILS (LAT/LONG)

Name	TVD	+N/-S	+E/-W	Latitude	Longitude	Shape Point
Anschutz State 5-62-26-1609BH2 tgt	6122.00	649.71	9906.24	40° 22' 33.082 N	104° 15' 48.420 W	



Plan: Design #2 (Anschutz State 5-62-26-1609BH2/Wellbore #1)

Created By: Ricky Osburn

Date: 9:30, February 11 2015

<b>Database:</b>	EDMDBBW	<b>Local Co-ordinate Reference:</b>	Well Anschutz State 5-62-26-1609BH2
<b>Company:</b>	Bill Barrett Corp.	<b>TVD Reference:</b>	WELL @ 4656.00usft (Original Well Elev)
<b>Project:</b>	Weld Co., CO	<b>MD Reference:</b>	WELL @ 4656.00usft (Original Well Elev)
<b>Site:</b>	Sec.26-T5N-R62W	<b>North Reference:</b>	True
<b>Well:</b>	Anschutz State 5-62-26-1609BH2	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	Wellbore #1		
<b>Design:</b>	Design #2		

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

Site		Sec.26-T5N-R62W			
Site Position:		Northing:	1,382,286.736 usft	Latitude:	40° 22' 35.580 N
From:	Lat/Long	Easting:	3,334,831.533 usft	Longitude:	104° 17' 53.362 W
Position Uncertainty:	0.00 usft	Slot Radius:	13-3/16 "	Grid Convergence:	0.78 °

Well	Anschutz State 5-62-26-1609BH2					
Well Position	+N/-S	-900.55 usft	Northing:	1,381,383.061 usft	Latitude:	40° 22' 26.681 N
	+E/-W	-236.82 usft	Easting:	3,334,606.935 usft	Longitude:	104° 17' 56.422 W
Position Uncertainty		0.00 usft	Wellhead Elevation:	usft	Ground Level:	4,640.00 usft

<b>Wellbore</b>	Wellbore #1				
<b>Magnetics</b>	<b>Model Name</b>	<b>Sample Date</b>	<b>Declination (°)</b>	<b>Dip Angle (°)</b>	<b>Field Strength (nT)</b>
	IGRF2010	2014/08/11	8.18	66.99	52,835

<b>Design</b>	Design #2			
<b>Audit Notes:</b>				
<b>Version:</b>	<b>Phase:</b>	PLAN	<b>Tie On Depth:</b>	0.00
<b>Vertical Section:</b>	<b>Depth From (TVD) (usft)</b>	<b>+N/-S (usft)</b>	<b>+E/-W (usft)</b>	<b>Direction (°)</b>
	0.00	0.00	0.00	88.37

<b>Plan Sections</b>										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	TFO (°)	Target
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
900.00	0.00	0.00	900.00	0.00	0.00	0.00	0.00	0.00	0.00	
1,236.65	6.73	319.68	1,235.88	15.06	-12.79	2.00	2.00	0.00	319.68	
4,914.81	6.73	319.68	4,888.66	343.84	-291.84	0.00	0.00	0.00	0.00	
5,251.46	0.00	0.00	5,224.54	358.90	-304.63	2.00	-2.00	0.00	180.00	
5,751.47	0.00	0.00	5,724.55	358.90	-304.63	0.00	0.00	0.00	0.00	
6,505.39	90.47	88.37	6,202.00	372.60	176.56	12.00	12.00	0.00	88.37	Anschutz State 5-62-2
16,239.34	90.47	88.37	6,122.00	649.71	9,906.24	0.00	0.00	0.00	0.00	Anschutz State 5-62-2

<b>Database:</b>	EDMDBBW	<b>Local Co-ordinate Reference:</b>	Well Anschutz State 5-62-26-1609BH2
<b>Company:</b>	Bill Barrett Corp.	<b>TVD Reference:</b>	WELL @ 4656.00usft (Original Well Elev)
<b>Project:</b>	Weld Co., CO	<b>MD Reference:</b>	WELL @ 4656.00usft (Original Well Elev)
<b>Site:</b>	Sec.26-T5N-R62W	<b>North Reference:</b>	True
<b>Well:</b>	Anschutz State 5-62-26-1609BH2	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	Wellbore #1		
<b>Design:</b>	Design #2		

Planned 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	0.00	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
<b>Start Build 2.00</b>									
900.00	0.00	0.00	900.00	0.00	0.00	0.00	0.00	0.00	0.00
1,000.00	2.00	319.68	999.98	1.33	-1.13	-1.09	2.00	2.00	0.00
1,100.00	4.00	319.68	1,099.84	5.32	-4.52	-4.36	2.00	2.00	0.00
1,200.00	6.00	319.68	1,199.45	11.96	-10.16	-9.81	2.00	2.00	0.00
<b>Start 3678.15 hold at 1236.65 MD</b>									
1,236.65	6.73	319.68	1,235.88	15.06	-12.79	-12.35	2.00	2.00	0.00
1,300.00	6.73	319.68	1,298.79	20.73	-17.59	-17.00	0.00	0.00	0.00
1,400.00	6.73	319.68	1,398.10	29.66	-25.18	-24.32	0.00	0.00	0.00
1,500.00	6.73	319.68	1,497.41	38.60	-32.77	-31.65	0.00	0.00	0.00
1,600.00	6.73	319.68	1,596.72	47.54	-40.35	-38.98	0.00	0.00	0.00
1,700.00	6.73	319.68	1,696.03	56.48	-47.94	-46.31	0.00	0.00	0.00
1,800.00	6.73	319.68	1,795.34	65.42	-55.53	-53.64	0.00	0.00	0.00
1,900.00	6.73	319.68	1,894.65	74.36	-63.11	-60.97	0.00	0.00	0.00
2,000.00	6.73	319.68	1,993.96	83.30	-70.70	-68.30	0.00	0.00	0.00
2,100.00	6.73	319.68	2,093.27	92.23	-78.29	-75.63	0.00	0.00	0.00
2,200.00	6.73	319.68	2,192.58	101.17	-85.87	-82.96	0.00	0.00	0.00
2,300.00	6.73	319.68	2,291.89	110.11	-93.46	-90.29	0.00	0.00	0.00
2,400.00	6.73	319.68	2,391.20	119.05	-101.05	-97.62	0.00	0.00	0.00
2,500.00	6.73	319.68	2,490.51	127.99	-108.63	-104.95	0.00	0.00	0.00
2,600.00	6.73	319.68	2,589.82	136.93	-116.22	-112.28	0.00	0.00	0.00
2,700.00	6.73	319.68	2,689.13	145.87	-123.81	-119.61	0.00	0.00	0.00
2,800.00	6.73	319.68	2,788.44	154.80	-131.40	-126.94	0.00	0.00	0.00
2,900.00	6.73	319.68	2,887.75	163.74	-138.98	-134.27	0.00	0.00	0.00
3,000.00	6.73	319.68	2,987.06	172.68	-146.57	-141.60	0.00	0.00	0.00
3,100.00	6.73	319.68	3,086.37	181.62	-154.16	-148.93	0.00	0.00	0.00
3,200.00	6.73	319.68	3,185.68	190.56	-161.74	-156.26	0.00	0.00	0.00
3,300.00	6.73	319.68	3,285.00	199.50	-169.33	-163.59	0.00	0.00	0.00
3,400.00	6.73	319.68	3,384.31	208.44	-176.92	-170.92	0.00	0.00	0.00
3,500.00	6.73	319.68	3,483.62	217.37	-184.50	-178.25	0.00	0.00	0.00
3,600.00	6.73	319.68	3,582.93	226.31	-192.09	-185.58	0.00	0.00	0.00
3,700.00	6.73	319.68	3,682.24	235.25	-199.68	-192.91	0.00	0.00	0.00
3,800.00	6.73	319.68	3,781.55	244.19	-207.27	-200.24	0.00	0.00	0.00
3,900.00	6.73	319.68	3,880.86	253.13	-214.85	-207.56	0.00	0.00	0.00
4,000.00	6.73	319.68	3,980.17	262.07	-222.44	-214.89	0.00	0.00	0.00
<b>Sussex</b>									
4,046.95	6.73	319.68	4,026.79	266.26	-226.00	-218.34	0.00	0.00	0.00
4,100.00	6.73	319.68	4,079.48	271.01	-230.03	-222.22	0.00	0.00	0.00
4,200.00	6.73	319.68	4,178.79	279.94	-237.61	-229.55	0.00	0.00	0.00
4,300.00	6.73	319.68	4,278.10	288.88	-245.20	-236.88	0.00	0.00	0.00
4,400.00	6.73	319.68	4,377.41	297.82	-252.79	-244.21	0.00	0.00	0.00
4,500.00	6.73	319.68	4,476.72	306.76	-260.37	-251.54	0.00	0.00	0.00
4,600.00	6.73	319.68	4,576.03	315.70	-267.96	-258.87	0.00	0.00	0.00
4,700.00	6.73	319.68	4,675.34	324.64	-275.55	-266.20	0.00	0.00	0.00

<b>Database:</b>	EDMDBBW	<b>Local Co-ordinate Reference:</b>	Well Anschutz State 5-62-26-1609BH2
<b>Company:</b>	Bill Barrett Corp.	<b>TVD Reference:</b>	WELL @ 4656.00usft (Original Well Elev)
<b>Project:</b>	Weld Co., CO	<b>MD Reference:</b>	WELL @ 4656.00usft (Original Well Elev)
<b>Site:</b>	Sec.26-T5N-R62W	<b>North Reference:</b>	True
<b>Well:</b>	Anschutz State 5-62-26-1609BH2	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	Wellbore #1		
<b>Design:</b>	Design #2		

Planned 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)
4,800.00	6.73	319.68	4,774.65	333.57	-283.13	-273.53	0.00	0.00	0.00
<b>Shannon</b>									
4,861.05	6.73	319.68	4,835.28	339.03	-287.77	-278.01	0.00	0.00	0.00
4,900.00	6.73	319.68	4,873.96	342.51	-290.72	-280.86	0.00	0.00	0.00
<b>Start Drop -2.00</b>									
4,914.81	6.73	319.68	4,888.66	343.84	-291.84	-281.95	0.00	0.00	0.00
5,000.00	5.03	319.68	4,973.41	350.49	-297.49	-287.40	2.00	-2.00	0.00
5,100.00	3.03	319.68	5,073.15	355.85	-302.04	-291.80	2.00	-2.00	0.00
5,200.00	1.03	319.68	5,173.09	358.55	-304.33	-294.01	2.00	-2.00	0.00
<b>Start 500.01 hold at 5251.46 MD</b>									
5,251.46	0.00	0.00	5,224.54	358.90	-304.63	-294.30	2.00	-2.00	0.00
5,300.00	0.00	0.00	5,273.08	358.90	-304.63	-294.30	0.00	0.00	0.00
5,400.00	0.00	0.00	5,373.08	358.90	-304.63	-294.30	0.00	0.00	0.00
5,500.00	0.00	0.00	5,473.08	358.90	-304.63	-294.30	0.00	0.00	0.00
5,600.00	0.00	0.00	5,573.08	358.90	-304.63	-294.30	0.00	0.00	0.00
5,700.00	0.00	0.00	5,673.08	358.90	-304.63	-294.30	0.00	0.00	0.00
<b>Start Build 12.00</b>									
5,751.47	0.00	0.00	5,724.55	358.90	-304.63	-294.30	0.00	0.00	0.00
5,775.00	2.82	88.37	5,748.07	358.92	-304.05	-293.72	12.00	12.00	0.00
5,800.00	5.82	88.37	5,773.00	358.97	-302.17	-291.83	12.00	12.00	0.00
5,825.00	8.82	88.37	5,797.79	359.06	-298.98	-288.65	12.00	12.00	0.00
5,850.00	11.82	88.37	5,822.39	359.19	-294.50	-284.17	12.00	12.00	0.00
5,875.00	14.82	88.37	5,846.71	359.35	-288.74	-278.41	12.00	12.00	0.00
5,900.00	17.82	88.37	5,870.70	359.55	-281.72	-271.38	12.00	12.00	0.00
5,925.00	20.82	88.37	5,894.29	359.79	-273.45	-263.11	12.00	12.00	0.00
5,950.00	23.82	88.37	5,917.41	360.06	-263.96	-253.61	12.00	12.00	0.00
5,975.00	26.82	88.37	5,940.01	360.36	-253.27	-242.92	12.00	12.00	0.00
6,000.00	29.82	88.37	5,962.01	360.70	-241.42	-231.06	12.00	12.00	0.00
<b>Sharon Springs</b>									
6,003.31	30.22	88.37	5,964.88	360.75	-239.76	-229.40	12.00	12.00	0.00
6,025.00	32.82	88.37	5,983.37	361.07	-228.43	-218.07	12.00	12.00	0.00
6,050.00	35.82	88.37	6,004.01	361.47	-214.34	-203.97	12.00	12.00	0.00
6,075.00	38.82	88.37	6,023.89	361.90	-199.19	-188.81	12.00	12.00	0.00
6,100.00	41.82	88.37	6,042.95	362.36	-183.02	-172.64	12.00	12.00	0.00
6,125.00	44.82	88.37	6,061.13	362.85	-165.88	-155.49	12.00	12.00	0.00
<b>Niobrara</b>									
6,140.85	46.73	88.37	6,072.18	363.18	-154.52	-144.13	12.00	12.00	0.00
6,150.00	47.82	88.37	6,078.39	363.37	-147.80	-137.41	12.00	12.00	0.00
6,175.00	50.82	88.37	6,094.69	363.91	-128.85	-118.45	12.00	12.00	0.00
6,200.00	53.82	88.37	6,109.96	364.47	-109.08	-98.66	12.00	12.00	0.00
<b>A Chalk</b>									
6,208.21	54.81	88.37	6,114.75	364.66	-102.41	-91.99	12.00	12.00	0.00
6,225.00	56.82	88.37	6,124.19	365.05	-88.53	-78.11	12.00	12.00	0.00
<b>A Marl</b>									
6,229.46	57.36	88.37	6,126.61	365.16	-84.78	-74.36	12.00	12.00	0.00
6,250.00	59.82	88.37	6,137.31	365.66	-67.26	-56.83	12.00	12.00	0.00
6,275.00	62.82	88.37	6,149.31	366.28	-45.34	-34.90	12.00	12.00	0.00
6,300.00	65.82	88.37	6,160.14	366.93	-22.82	-12.37	12.00	12.00	0.00
6,325.00	68.82	88.37	6,169.77	367.58	0.24	10.69	12.00	12.00	0.00
<b>Top B2 Chalk</b>									
6,330.89	69.53	88.37	6,171.87	367.74	5.74	16.19	12.00	12.00	0.00
6,350.00	71.82	88.37	6,178.19	368.25	23.76	34.23	12.00	12.00	0.00
6,375.00	74.82	88.37	6,185.36	368.93	47.70	58.17	12.00	12.00	0.00

<b>Database:</b>	EDMDBBW	<b>Local Co-ordinate Reference:</b>	Well Anschutz State 5-62-26-1609BH2
<b>Company:</b>	Bill Barrett Corp.	<b>TVD Reference:</b>	WELL @ 4656.00usft (Original Well Elev)
<b>Project:</b>	Weld Co., CO	<b>MD Reference:</b>	WELL @ 4656.00usft (Original Well Elev)
<b>Site:</b>	Sec.26-T5N-R62W	<b>North Reference:</b>	True
<b>Well:</b>	Anschutz State 5-62-26-1609BH2	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	Wellbore #1		
<b>Design:</b>	Design #2		

Planned 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)
6,400.00	77.82	88.37	6,191.27	369.63	71.98	82.46	12.00	12.00	0.00
6,425.00	80.82	88.37	6,195.90	370.33	96.53	107.03	12.00	12.00	0.00
6,450.00	83.82	88.37	6,199.24	371.03	121.30	131.80	12.00	12.00	0.00
6,475.00	86.82	88.37	6,201.28	371.74	146.20	156.71	12.00	12.00	0.00
6,500.00	89.82	88.37	6,202.01	372.45	171.18	181.70	12.00	12.00	0.00
<b>Start 9733.95 hold at 6505.39 MD - 7" Csg.</b>									
6,505.39	90.47	88.37	6,202.00	372.60	176.56	187.09	12.00	12.00	0.00
6,600.00	90.47	88.37	6,201.22	375.30	271.13	281.70	0.00	0.00	0.00
6,700.00	90.47	88.37	6,200.40	378.15	371.09	381.69	0.00	0.00	0.00
6,800.00	90.47	88.37	6,199.58	380.99	471.04	481.69	0.00	0.00	0.00
6,900.00	90.47	88.37	6,198.76	383.84	571.00	581.69	0.00	0.00	0.00
7,000.00	90.47	88.37	6,197.93	386.69	670.96	681.68	0.00	0.00	0.00
7,100.00	90.47	88.37	6,197.11	389.53	770.91	781.68	0.00	0.00	0.00
7,200.00	90.47	88.37	6,196.29	392.38	870.87	881.68	0.00	0.00	0.00
7,300.00	90.47	88.37	6,195.47	395.23	970.82	981.67	0.00	0.00	0.00
7,400.00	90.47	88.37	6,194.65	398.07	1,070.78	1,081.67	0.00	0.00	0.00
7,500.00	90.47	88.37	6,193.82	400.92	1,170.74	1,181.67	0.00	0.00	0.00
7,600.00	90.47	88.37	6,193.00	403.77	1,270.69	1,281.66	0.00	0.00	0.00
7,700.00	90.47	88.37	6,192.18	406.61	1,370.65	1,381.66	0.00	0.00	0.00
7,800.00	90.47	88.37	6,191.36	409.46	1,470.61	1,481.66	0.00	0.00	0.00
7,900.00	90.47	88.37	6,190.54	412.31	1,570.56	1,581.65	0.00	0.00	0.00
8,000.00	90.47	88.37	6,189.72	415.15	1,670.52	1,681.65	0.00	0.00	0.00
8,100.00	90.47	88.37	6,188.89	418.00	1,770.47	1,781.65	0.00	0.00	0.00
8,200.00	90.47	88.37	6,188.07	420.85	1,870.43	1,881.64	0.00	0.00	0.00
8,300.00	90.47	88.37	6,187.25	423.69	1,970.39	1,981.64	0.00	0.00	0.00
8,400.00	90.47	88.37	6,186.43	426.54	2,070.34	2,081.64	0.00	0.00	0.00
8,500.00	90.47	88.37	6,185.61	429.39	2,170.30	2,181.63	0.00	0.00	0.00
8,600.00	90.47	88.37	6,184.78	432.23	2,270.25	2,281.63	0.00	0.00	0.00
8,700.00	90.47	88.37	6,183.96	435.08	2,370.21	2,381.63	0.00	0.00	0.00
8,800.00	90.47	88.37	6,183.14	437.93	2,470.17	2,481.62	0.00	0.00	0.00
8,900.00	90.47	88.37	6,182.32	440.78	2,570.12	2,581.62	0.00	0.00	0.00
9,000.00	90.47	88.37	6,181.50	443.62	2,670.08	2,681.62	0.00	0.00	0.00
9,100.00	90.47	88.37	6,180.67	446.47	2,770.03	2,781.61	0.00	0.00	0.00
9,200.00	90.47	88.37	6,179.85	449.32	2,869.99	2,881.61	0.00	0.00	0.00
9,300.00	90.47	88.37	6,179.03	452.16	2,969.95	2,981.61	0.00	0.00	0.00
9,400.00	90.47	88.37	6,178.21	455.01	3,069.90	3,081.60	0.00	0.00	0.00
9,500.00	90.47	88.37	6,177.39	457.86	3,169.86	3,181.60	0.00	0.00	0.00
9,600.00	90.47	88.37	6,176.57	460.70	3,269.81	3,281.60	0.00	0.00	0.00
9,700.00	90.47	88.37	6,175.74	463.55	3,369.77	3,381.59	0.00	0.00	0.00
9,800.00	90.47	88.37	6,174.92	466.40	3,469.73	3,481.59	0.00	0.00	0.00
9,900.00	90.47	88.37	6,174.10	469.24	3,569.68	3,581.59	0.00	0.00	0.00
10,000.00	90.47	88.37	6,173.28	472.09	3,669.64	3,681.58	0.00	0.00	0.00
10,100.00	90.47	88.37	6,172.46	474.94	3,769.60	3,781.58	0.00	0.00	0.00
10,200.00	90.47	88.37	6,171.63	477.78	3,869.55	3,881.58	0.00	0.00	0.00
10,300.00	90.47	88.37	6,170.81	480.63	3,969.51	3,981.57	0.00	0.00	0.00
10,400.00	90.47	88.37	6,169.99	483.48	4,069.46	4,081.57	0.00	0.00	0.00
10,500.00	90.47	88.37	6,169.17	486.32	4,169.42	4,181.57	0.00	0.00	0.00
10,600.00	90.47	88.37	6,168.35	489.17	4,269.38	4,281.56	0.00	0.00	0.00
10,700.00	90.47	88.37	6,167.52	492.02	4,369.33	4,381.56	0.00	0.00	0.00
10,800.00	90.47	88.37	6,166.70	494.87	4,469.29	4,481.56	0.00	0.00	0.00
10,900.00	90.47	88.37	6,165.88	497.71	4,569.24	4,581.55	0.00	0.00	0.00
11,000.00	90.47	88.37	6,165.06	500.56	4,669.20	4,681.55	0.00	0.00	0.00
11,100.00	90.47	88.37	6,164.24	503.41	4,769.16	4,781.55	0.00	0.00	0.00

<b>Database:</b>	EDMDBBW	<b>Local Co-ordinate Reference:</b>	Well Anschutz State 5-62-26-1609BH2
<b>Company:</b>	Bill Barrett Corp.	<b>TVD Reference:</b>	WELL @ 4656.00usft (Original Well Elev)
<b>Project:</b>	Weld Co., CO	<b>MD Reference:</b>	WELL @ 4656.00usft (Original Well Elev)
<b>Site:</b>	Sec.26-T5N-R62W	<b>North Reference:</b>	True
<b>Well:</b>	Anschutz State 5-62-26-1609BH2	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	Wellbore #1		
<b>Design:</b>	Design #2		

Planned 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)
11,200.00	90.47	88.37	6,163.42	506.25	4,869.11	4,881.54	0.00	0.00	0.00
11,300.00	90.47	88.37	6,162.59	509.10	4,969.07	4,981.54	0.00	0.00	0.00
11,400.00	90.47	88.37	6,161.77	511.95	5,069.02	5,081.54	0.00	0.00	0.00
11,500.00	90.47	88.37	6,160.95	514.79	5,168.98	5,181.53	0.00	0.00	0.00
11,600.00	90.47	88.37	6,160.13	517.64	5,268.94	5,281.53	0.00	0.00	0.00
11,700.00	90.47	88.37	6,159.31	520.49	5,368.89	5,381.53	0.00	0.00	0.00
11,800.00	90.47	88.37	6,158.48	523.33	5,468.85	5,481.52	0.00	0.00	0.00
11,900.00	90.47	88.37	6,157.66	526.18	5,568.80	5,581.52	0.00	0.00	0.00
12,000.00	90.47	88.37	6,156.84	529.03	5,668.76	5,681.52	0.00	0.00	0.00
12,100.00	90.47	88.37	6,156.02	531.87	5,768.72	5,781.51	0.00	0.00	0.00
12,200.00	90.47	88.37	6,155.20	534.72	5,868.67	5,881.51	0.00	0.00	0.00
12,300.00	90.47	88.37	6,154.37	537.57	5,968.63	5,981.51	0.00	0.00	0.00
12,400.00	90.47	88.37	6,153.55	540.41	6,068.59	6,081.50	0.00	0.00	0.00
12,500.00	90.47	88.37	6,152.73	543.26	6,168.54	6,181.50	0.00	0.00	0.00
12,600.00	90.47	88.37	6,151.91	546.11	6,268.50	6,281.50	0.00	0.00	0.00
12,700.00	90.47	88.37	6,151.09	548.96	6,368.45	6,381.49	0.00	0.00	0.00
12,800.00	90.47	88.37	6,150.27	551.80	6,468.41	6,481.49	0.00	0.00	0.00
12,900.00	90.47	88.37	6,149.44	554.65	6,568.37	6,581.49	0.00	0.00	0.00
13,000.00	90.47	88.37	6,148.62	557.50	6,668.32	6,681.48	0.00	0.00	0.00
13,100.00	90.47	88.37	6,147.80	560.34	6,768.28	6,781.48	0.00	0.00	0.00
13,200.00	90.47	88.37	6,146.98	563.19	6,868.23	6,881.47	0.00	0.00	0.00
13,300.00	90.47	88.37	6,146.16	566.04	6,968.19	6,981.47	0.00	0.00	0.00
13,400.00	90.47	88.37	6,145.33	568.88	7,068.15	7,081.47	0.00	0.00	0.00
13,500.00	90.47	88.37	6,144.51	571.73	7,168.10	7,181.46	0.00	0.00	0.00
13,600.00	90.47	88.37	6,143.69	574.58	7,268.06	7,281.46	0.00	0.00	0.00
13,700.00	90.47	88.37	6,142.87	577.42	7,368.01	7,381.46	0.00	0.00	0.00
13,800.00	90.47	88.37	6,142.05	580.27	7,467.97	7,481.45	0.00	0.00	0.00
13,900.00	90.47	88.37	6,141.22	583.12	7,567.93	7,581.45	0.00	0.00	0.00
14,000.00	90.47	88.37	6,140.40	585.96	7,667.88	7,681.45	0.00	0.00	0.00
14,100.00	90.47	88.37	6,139.58	588.81	7,767.84	7,781.44	0.00	0.00	0.00
14,200.00	90.47	88.37	6,138.76	591.66	7,867.80	7,881.44	0.00	0.00	0.00
14,300.00	90.47	88.37	6,137.94	594.50	7,967.75	7,981.44	0.00	0.00	0.00
14,400.00	90.47	88.37	6,137.12	597.35	8,067.71	8,081.43	0.00	0.00	0.00
14,500.00	90.47	88.37	6,136.29	600.20	8,167.66	8,181.43	0.00	0.00	0.00
14,600.00	90.47	88.37	6,135.47	603.05	8,267.62	8,281.43	0.00	0.00	0.00
14,700.00	90.47	88.37	6,134.65	605.89	8,367.58	8,381.42	0.00	0.00	0.00
14,800.00	90.47	88.37	6,133.83	608.74	8,467.53	8,481.42	0.00	0.00	0.00
14,900.00	90.47	88.37	6,133.01	611.59	8,567.49	8,581.42	0.00	0.00	0.00
15,000.00	90.47	88.37	6,132.18	614.43	8,667.44	8,681.41	0.00	0.00	0.00
15,100.00	90.47	88.37	6,131.36	617.28	8,767.40	8,781.41	0.00	0.00	0.00
15,200.00	90.47	88.37	6,130.54	620.13	8,867.36	8,881.41	0.00	0.00	0.00
15,300.00	90.47	88.37	6,129.72	622.97	8,967.31	8,981.40	0.00	0.00	0.00
15,400.00	90.47	88.37	6,128.90	625.82	9,067.27	9,081.40	0.00	0.00	0.00
15,500.00	90.47	88.37	6,128.08	628.67	9,167.22	9,181.40	0.00	0.00	0.00
15,600.00	90.47	88.37	6,127.25	631.51	9,267.18	9,281.39	0.00	0.00	0.00
15,700.00	90.47	88.37	6,126.43	634.36	9,367.14	9,381.39	0.00	0.00	0.00
15,800.00	90.47	88.37	6,125.61	637.21	9,467.09	9,481.39	0.00	0.00	0.00
15,900.00	90.47	88.37	6,124.79	640.05	9,567.05	9,581.38	0.00	0.00	0.00
16,000.00	90.47	88.37	6,123.97	642.90	9,667.00	9,681.38	0.00	0.00	0.00
16,100.00	90.47	88.37	6,123.14	645.75	9,766.96	9,781.38	0.00	0.00	0.00
16,200.00	90.47	88.37	6,122.32	648.59	9,866.92	9,881.37	0.00	0.00	0.00
TD at 16239.34									
16,239.34	90.47	88.37	6,122.00	649.71	9,906.24	9,920.71	0.00	0.00	0.00



<b>Database:</b>	EDMDBBW	<b>Local Co-ordinate Reference:</b>	Well Anschutz State 5-62-26-1609BH2
<b>Company:</b>	Bill Barrett Corp.	<b>TVD Reference:</b>	WELL @ 4656.00usft (Original Well Elev)
<b>Project:</b>	Weld Co., CO	<b>MD Reference:</b>	WELL @ 4656.00usft (Original Well Elev)
<b>Site:</b>	Sec.26-T5N-R62W	<b>North Reference:</b>	True
<b>Well:</b>	Anschutz State 5-62-26-1609BH2	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	Wellbore #1		
<b>Design:</b>	Design #2		

Design Targets									
Target Name	Dip Angle	Dip Dir.	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
- hit/miss target	(°)	(°)	(usft)	(usft)	(usft)	(usft)	(usft)		
- Shape									
Anschutz State 5-62-26-	0.00	0.00	6,122.00	649.71	9,906.24	1,382,166.880	3,344,503.468	40° 22' 33.082 N	104° 15' 48.420 W
- plan hits target center									
- Point									

Casing Points					
Measured Depth	Vertical Depth	Name		Casing Diameter	Hole Diameter
(usft)	(usft)			(")	(")
6,505.39	6,202.00	7" Csg.		7	8-3/4

Formations						
Measured Depth	Vertical Depth	Name		Lithology	Dip	Dip Direction
(usft)	(usft)				(°)	(°)
4,046.95	4,025.00	Sussex			-0.47	88.37
4,861.05	4,833.00	Shannon			-0.47	88.37
6,003.31	5,963.00	Sharon Springs			-0.47	88.37
6,140.85	6,071.00	Niobrara			-0.47	88.37
6,208.21	6,114.00	A Chalk			-0.47	88.37
6,229.46	6,126.00	A Marl			-0.47	88.37
6,330.89	6,172.00	Top B2 Chalk			-0.47	88.37

Plan Annotations					
Measured Depth	Vertical Depth	Local Coordinates		Comment	
(usft)	(usft)	+N/-S (usft)	+E/-W (usft)		
900.00	900.00	0.00	0.00	Start Build 2.00	
1,236.65	1,235.88	15.06	-12.79	Start 3678.15 hold at 1236.65 MD	
4,914.81	4,888.66	343.84	-291.84	Start Drop -2.00	
5,251.46	5,224.54	358.90	-304.63	Start 500.01 hold at 5251.46 MD	
5,751.47	5,724.55	358.90	-304.63	Start Build 12.00	
6,505.39	6,202.00	372.60	176.56	Start 9733.95 hold at 6505.39 MD	
16,239.34	6,122.00	649.71	9,906.24	TD at 16239.34	





**Bill Barrett Corporation**

## **Bill Barrett Corp.**

**Weld Co., CO**

**Sec.26-T5N-R62W**

**Anschutz State 5-62-26-1609BH2**

**Wellbore #1**

**Design #2**

## **Anticollision Report**

**11 February, 2015**

# **Archer**

<b>Company:</b>	Bill Barrett Corp.	<b>Local Co-ordinate Reference:</b>	Well Anschutz State 5-62-26-1609BH2
<b>Project:</b>	Weld Co., CO	<b>TVD Reference:</b>	WELL @ 4656.00usft (Original Well Elev)
<b>Reference Site:</b>	Sec.26-T5N-R62W	<b>MD Reference:</b>	WELL @ 4656.00usft (Original Well Elev)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Anschutz State 5-62-26-1609BH2	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDMDBBW
<b>Reference Design:</b>	Design #2	<b>Offset TVD Reference:</b>	Reference Datum

Reference	Design #2		
Filter type:	NO GLOBAL FILTER: Using user defined selection & filtering criteria		
Interpolation Method:	MD Interval 30.00usft	Error Model:	ISCWSA
Depth Range:	Unlimited	Scan Method:	Closest Approach 3D
Results Limited by:	Maximum center-center distance of 9,999.98 usft	Error Surface:	Elliptical Conic
Warning Levels Evaluated at:	2.00 Sigma	Casing Method:	Not applied

Survey Tool Program		Date	2015/02/11		
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
0.00	16,239.34	Design #2 (Wellbore #1)	MWD	MWD - Standard	

Summary						
Site Name	Reference Measured Depth (usft)	Offset Measured Depth (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Separation Factor	Warning
Offset Well - Wellbore - Design						
Sec.26-T5N-R62W						
Anschutz State 5-62-26-0108CH2 - Wellbore #1 - Design	900.00	900.00	14.93	11.14	3.944	CC
Anschutz State 5-62-26-0108CH2 - Wellbore #1 - Design	16,239.34	16,343.54	344.90	-211.13	0.620	Level 1, ES, SF
Anschutz State 5-62-26-1724BH2 - Wellbore #1 - Design	900.00	900.00	29.52	25.73	7.799	CC, ES
Anschutz State 5-62-26-1724BH2 - Wellbore #1 - Design	16,239.34	16,236.00	661.52	97.70	1.173	Level 2, SF
Anschutz State 5-62-26-1724CH2 - Wellbore #1 - Design	900.00	900.00	14.23	10.44	3.759	CC
Anschutz State 5-62-26-1724CH2 - Wellbore #1 - Design	16,239.34	16,294.10	338.26	-215.49	0.611	Level 1, ES, SF
Anschutz State 5-62-26-3225BH2 - Wellbore #1 - Design	900.00	900.00	59.75	55.97	15.787	CC, ES
Anschutz State 5-62-26-3225BH2 - Wellbore #1 - Design	16,239.34	16,339.55	1,321.05	757.12	2.343	SF
Anschutz State 5-62-26-3225CH2 - Wellbore #1 - Design	900.00	900.00	44.45	40.66	11.743	CC, ES
Anschutz State 5-62-26-3225CH2 - Wellbore #1 - Design	16,239.34	16,339.37	995.73	434.00	1.773	SF

<b>Offset Design</b>	Sec.26-T5N-R62W - Anschutz State 5-62-26-0108CH2 - Wellbore #1 - Design #2												<b>Offset Site Error:</b>	0.00 usft
<b>Survey Program:</b>	0-MWD												<b>Offset Well Error:</b>	0.00 usft
Reference Measured Depth (usft)	Vertical Depth (usft)	Offset Measured Depth (usft)	Vertical Depth (usft)	Semi Major Axis Reference (usft)	Offset (usft)	Azimuth from North (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning	
0.00	0.00	0.00	0.00	0.00	0.00	0.00	14.93	0.00	14.93					
30.00	30.00	30.00	30.00	0.02	0.03	0.00	14.93	0.00	14.93	14.88	0.04	338.853		
60.00	60.00	60.00	60.00	0.05	0.06	0.00	14.93	0.00	14.93	14.82	0.11	140.710		
90.00	90.00	90.00	90.00	0.08	0.08	0.00	14.93	0.00	14.93	14.76	0.17	88.790		
120.00	120.00	120.00	120.00	0.14	0.14	0.00	14.93	0.00	14.93	14.65	0.28	53.561		
150.00	150.00	150.00	150.00	0.21	0.21	0.00	14.93	0.00	14.93	14.51	0.41	36.095		
180.00	180.00	180.00	180.00	0.27	0.27	0.00	14.93	0.00	14.93	14.38	0.55	27.219		
210.00	210.00	210.00	210.00	0.34	0.34	0.00	14.93	0.00	14.93	14.24	0.68	21.847		
240.00	240.00	240.00	240.00	0.41	0.41	0.00	14.93	0.00	14.93	14.11	0.82	18.246		
270.00	270.00	270.00	270.00	0.48	0.48	0.00	14.93	0.00	14.93	13.97	0.95	15.664		
300.00	300.00	300.00	300.00	0.54	0.54	0.00	14.93	0.00	14.93	13.84	1.09	13.722		
330.00	330.00	330.00	330.00	0.61	0.61	0.00	14.93	0.00	14.93	13.71	1.22	12.209		
360.00	360.00	360.00	360.00	0.68	0.68	0.00	14.93	0.00	14.93	13.57	1.36	10.996		
390.00	390.00	390.00	390.00	0.75	0.75	0.00	14.93	0.00	14.93	13.44	1.49	10.002		
420.00	420.00	420.00	420.00	0.81	0.81	0.00	14.93	0.00	14.93	13.30	1.63	9.173		
450.00	450.00	450.00	450.00	0.88	0.88	0.00	14.93	0.00	14.93	13.17	1.76	8.471		
480.00	480.00	480.00	480.00	0.95	0.95	0.00	14.93	0.00	14.93	13.03	1.90	7.869		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Bill Barrett Corp.	<b>Local Co-ordinate Reference:</b>	Well Anschutz State 5-62-26-1609BH2
<b>Project:</b>	Weld Co., CO	<b>TVD Reference:</b>	WELL @ 4656.00usft (Original Well Elev)
<b>Reference Site:</b>	Sec.26-T5N-R62W	<b>MD Reference:</b>	WELL @ 4656.00usft (Original Well Elev)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Anschutz State 5-62-26-1609BH2	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDMDBBW
<b>Reference Design:</b>	Design #2	<b>Offset TVD Reference:</b>	Reference Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 0-MWD													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Azimuth from North (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
510.00	510.00	510.00	510.00	1.02	1.02	0.00	14.93	0.00	14.93	12.90	2.03	7.347		
540.00	540.00	540.00	540.00	1.08	1.08	0.00	14.93	0.00	14.93	12.76	2.17	6.890		
570.00	570.00	570.00	570.00	1.15	1.15	0.00	14.93	0.00	14.93	12.63	2.30	6.486		
600.00	600.00	600.00	600.00	1.22	1.22	0.00	14.93	0.00	14.93	12.49	2.44	6.127		
630.00	630.00	630.00	630.00	1.29	1.29	0.00	14.93	0.00	14.93	12.36	2.57	5.806		
660.00	660.00	660.00	660.00	1.35	1.35	0.00	14.93	0.00	14.93	12.22	2.71	5.516		
690.00	690.00	690.00	690.00	1.42	1.42	0.00	14.93	0.00	14.93	12.09	2.84	5.254		
720.00	720.00	720.00	720.00	1.49	1.49	0.00	14.93	0.00	14.93	11.95	2.98	5.016		
750.00	750.00	750.00	750.00	1.56	1.56	0.00	14.93	0.00	14.93	11.82	3.11	4.799		
780.00	780.00	780.00	780.00	1.62	1.62	0.00	14.93	0.00	14.93	11.68	3.25	4.599		
810.00	810.00	810.00	810.00	1.69	1.69	0.00	14.93	0.00	14.93	11.55	3.38	4.416		
840.00	840.00	840.00	840.00	1.76	1.76	0.00	14.93	0.00	14.93	11.41	3.52	4.247		
870.00	870.00	870.00	870.00	1.83	1.83	0.00	14.93	0.00	14.93	11.28	3.65	4.090		
900.00	900.00	900.00	900.00	1.89	1.89	0.00	14.93	0.00	14.93	11.14	3.79	3.944 CC		
930.00	930.00	929.86	929.86	1.96	1.96	0.15	15.07	-0.06	14.95	11.03	3.92	3.815		
960.00	960.00	959.72	959.71	2.03	2.03	0.58	15.50	-0.25	15.02	10.97	4.05	3.707		
990.00	989.99	989.57	989.56	2.09	2.09	1.31	16.21	-0.57	15.14	10.95	4.19	3.617		
1,020.00	1,019.96	1,019.43	1,019.39	2.16	2.16	2.30	17.20	-1.01	15.31	10.99	4.32	3.545		
1,050.00	1,049.93	1,049.28	1,049.21	2.23	2.23	3.54	18.48	-1.58	15.53	11.08	4.45	3.489		
1,080.00	1,079.88	1,079.13	1,079.02	2.29	2.30	5.01	20.04	-2.28	15.82	11.23	4.58	3.449		
1,110.00	1,109.81	1,108.98	1,108.80	2.36	2.36	6.68	21.89	-3.10	16.16	11.44	4.72	3.425		
1,140.00	1,139.72	1,138.83	1,138.55	2.43	2.43	8.52	24.02	-4.05	16.58	11.72	4.86	3.415		
1,170.00	1,169.60	1,168.68	1,168.28	2.50	2.50	10.50	26.43	-5.13	17.07	12.08	4.99	3.420		
1,200.00	1,199.45	1,198.52	1,197.98	2.57	2.57	12.58	29.12	-6.33	17.64	12.51	5.13	3.439		
1,230.00	1,229.27	1,228.35	1,227.63	2.64	2.64	14.73	32.10	-7.65	18.29	13.02	5.27	3.470		
1,260.00	1,259.06	1,258.19	1,257.25	2.72	2.72	16.67	35.35	-9.10	19.09	13.67	5.42	3.523		
1,290.00	1,288.86	1,288.01	1,286.83	2.79	2.79	17.89	38.89	-10.68	20.13	14.56	5.57	3.617		
1,320.00	1,318.65	1,317.82	1,316.34	2.87	2.87	18.42	42.71	-12.38	21.41	15.69	5.72	3.746		
1,350.00	1,348.44	1,347.61	1,345.80	2.95	2.95	18.37	46.80	-14.21	22.92	17.05	5.87	3.906		
1,380.00	1,378.24	1,377.38	1,375.17	3.03	3.04	17.86	51.17	-16.16	24.67	18.65	6.02	4.097		
1,410.00	1,408.03	1,407.11	1,404.46	3.10	3.12	16.98	55.82	-18.23	26.65	20.48	6.17	4.318		
1,440.00	1,437.82	1,436.80	1,433.66	3.19	3.21	15.84	60.73	-20.42	28.88	22.55	6.33	4.564		
1,470.00	1,467.62	1,466.58	1,462.90	3.27	3.30	14.53	65.90	-22.72	31.33	24.84	6.48	4.834		
1,500.00	1,497.41	1,496.46	1,492.23	3.35	3.40	13.35	71.12	-25.05	33.82	27.19	6.63	5.097		
1,530.00	1,527.20	1,526.35	1,521.57	3.43	3.50	12.34	76.34	-27.37	36.33	29.54	6.79	5.349		
1,560.00	1,557.00	1,556.24	1,550.91	3.51	3.60	11.45	81.57	-29.70	38.84	31.90	6.95	5.592		
1,590.00	1,586.79	1,586.13	1,580.24	3.60	3.70	10.67	86.79	-32.03	41.37	34.27	7.10	5.825		
1,620.00	1,616.58	1,616.02	1,609.58	3.68	3.80	9.98	92.01	-34.36	43.90	36.64	7.26	6.048		
1,650.00	1,646.37	1,645.91	1,638.92	3.76	3.90	9.37	97.23	-36.69	46.44	39.02	7.42	6.261		
1,680.00	1,676.17	1,675.80	1,668.25	3.85	4.01	8.82	102.45	-39.01	48.98	41.40	7.57	6.467		
1,710.00	1,705.96	1,705.68	1,697.59	3.93	4.11	8.32	107.68	-41.34	51.52	43.79	7.73	6.664		
1,740.00	1,735.75	1,735.57	1,726.93	4.02	4.22	7.87	112.90	-43.67	54.07	46.18	7.89	6.853		
1,770.00	1,765.55	1,765.46	1,756.26	4.11	4.33	7.46	118.12	-46.00	56.62	48.58	8.05	7.035		
1,800.00	1,795.34	1,795.35	1,785.60	4.19	4.44	7.09	123.34	-48.32	59.18	50.97	8.21	7.210		
1,830.00	1,825.13	1,825.24	1,814.94	4.28	4.55	6.74	128.57	-50.65	61.74	53.37	8.37	7.378		
1,860.00	1,854.93	1,855.13	1,844.27	4.37	4.66	6.43	133.79	-52.98	64.29	55.77	8.53	7.539		
1,890.00	1,884.72	1,885.02	1,873.61	4.45	4.77	6.14	139.01	-55.31	66.86	58.17	8.69	7.695		
1,920.00	1,914.51	1,914.91	1,902.95	4.54	4.89	5.87	144.23	-57.64	69.42	60.57	8.85	7.844		
1,950.00	1,944.31	1,944.79	1,932.28	4.63	5.00	5.61	149.46	-59.96	71.98	62.97	9.01	7.988		
1,980.00	1,974.10	1,974.68	1,961.62	4.72	5.11	5.38	154.68	-62.29	74.55	65.37	9.17	8.128		
2,010.00	2,003.89	2,004.57	1,990.96	4.80	5.23	5.16	159.90	-64.62	77.11	67.78	9.33	8.262		
2,040.00	2,033.69	2,034.46	2,020.29	4.89	5.34	4.96	165.12	-66.95	79.68	70.18	9.50	8.391		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Bill Barrett Corp.	<b>Local Co-ordinate Reference:</b>	Well Anschutz State 5-62-26-1609BH2
<b>Project:</b>	Weld Co., CO	<b>TVD Reference:</b>	WELL @ 4656.00usft (Original Well Elev)
<b>Reference Site:</b>	Sec.26-T5N-R62W	<b>MD Reference:</b>	WELL @ 4656.00usft (Original Well Elev)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Anschutz State 5-62-26-1609BH2	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDMDBBW
<b>Reference Design:</b>	Design #2	<b>Offset TVD Reference:</b>	Reference Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 0-MWD													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Azimuth from North (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
2,070.00	2,063.48	2,064.35	2,049.63	4.98	5.46	4.77	170.34	-69.27	82.25	72.59	9.66	8.516		
2,100.00	2,093.27	2,094.24	2,078.97	5.07	5.57	4.59	175.57	-71.60	84.82	75.00	9.82	8.637		
2,130.00	2,123.06	2,124.13	2,108.30	5.16	5.69	4.42	180.79	-73.93	87.39	77.40	9.98	8.753		
2,160.00	2,152.86	2,154.01	2,137.64	5.25	5.81	4.26	186.01	-76.26	89.96	79.81	10.15	8.866		
2,190.00	2,182.65	2,183.90	2,166.98	5.34	5.92	4.11	191.23	-78.59	92.53	82.22	10.31	8.975		
2,220.00	2,212.44	2,213.79	2,196.31	5.43	6.04	3.96	196.46	-80.91	95.10	84.63	10.47	9.081		
2,250.00	2,242.24	2,243.68	2,225.65	5.52	6.16	3.83	201.68	-83.24	97.67	87.03	10.64	9.183		
2,280.00	2,272.03	2,273.57	2,254.99	5.61	6.28	3.70	206.90	-85.57	100.24	89.44	10.80	9.282		
2,310.00	2,301.82	2,303.46	2,284.32	5.70	6.40	3.58	212.12	-87.90	102.82	91.85	10.96	9.378		
2,340.00	2,331.62	2,333.35	2,313.66	5.79	6.51	3.46	217.35	-90.22	105.39	94.26	11.13	9.471		
2,370.00	2,361.41	2,363.24	2,343.00	5.88	6.63	3.35	222.57	-92.55	107.96	96.67	11.29	9.561		
2,400.00	2,391.20	2,393.12	2,372.33	5.97	6.75	3.25	227.79	-94.88	110.54	99.08	11.46	9.649		
2,430.00	2,421.00	2,423.01	2,401.67	6.06	6.87	3.15	233.01	-97.21	113.11	101.49	11.62	9.734		
2,460.00	2,450.79	2,452.90	2,431.01	6.15	6.99	3.05	238.24	-99.53	115.69	103.90	11.79	9.816		
2,490.00	2,480.58	2,482.79	2,460.34	6.24	7.11	2.96	243.46	-101.86	118.26	106.31	11.95	9.897		
2,520.00	2,510.37	2,512.68	2,489.68	6.33	7.23	2.87	248.68	-104.19	120.84	108.72	12.11	9.975		
2,550.00	2,540.17	2,542.57	2,519.02	6.42	7.35	2.79	253.90	-106.52	123.41	111.13	12.28	10.050		
2,580.00	2,569.96	2,572.46	2,548.35	6.51	7.47	2.71	259.12	-108.85	125.99	113.55	12.44	10.124		
2,610.00	2,599.75	2,602.35	2,577.69	6.60	7.59	2.63	264.35	-111.17	128.57	115.96	12.61	10.196		
2,640.00	2,629.55	2,632.23	2,607.03	6.69	7.72	2.55	269.57	-113.50	131.14	118.37	12.78	10.265		
2,670.00	2,659.34	2,662.12	2,636.36	6.78	7.84	2.48	274.79	-115.83	133.72	120.78	12.94	10.333		
2,700.00	2,689.13	2,692.01	2,665.70	6.87	7.96	2.41	280.01	-118.16	136.30	123.19	13.11	10.399		
2,730.00	2,718.93	2,721.90	2,695.04	6.96	8.08	2.35	285.24	-120.48	138.87	125.60	13.27	10.464		
2,760.00	2,748.72	2,751.79	2,724.38	7.06	8.20	2.28	290.46	-122.81	141.45	128.01	13.44	10.526		
2,790.00	2,778.51	2,781.68	2,753.71	7.15	8.32	2.22	295.68	-125.14	144.03	130.42	13.60	10.587		
2,820.00	2,808.31	2,811.57	2,783.05	7.24	8.44	2.16	300.90	-127.47	146.61	132.84	13.77	10.647		
2,850.00	2,838.10	2,841.45	2,812.39	7.33	8.57	2.10	306.13	-129.80	149.18	135.25	13.94	10.705		
2,880.00	2,867.89	2,871.34	2,841.72	7.42	8.69	2.05	311.35	-132.12	151.76	137.66	14.10	10.762		
2,910.00	2,897.69	2,901.23	2,871.06	7.51	8.81	1.99	316.57	-134.45	154.34	140.07	14.27	10.817		
2,940.00	2,927.48	2,931.12	2,900.40	7.60	8.93	1.94	321.79	-136.78	156.92	142.48	14.43	10.871		
2,970.00	2,957.27	2,961.01	2,929.73	7.70	9.05	1.89	327.01	-139.11	159.50	144.90	14.60	10.924		
3,000.00	2,987.06	2,990.90	2,959.07	7.79	9.18	1.84	332.24	-141.43	162.07	147.31	14.77	10.976		
3,030.00	3,016.86	3,020.79	2,988.41	7.88	9.30	1.80	337.46	-143.76	164.65	149.72	14.93	11.026		
3,060.00	3,046.65	3,050.68	3,017.74	7.97	9.42	1.75	342.68	-146.09	167.23	152.13	15.10	11.075		
3,090.00	3,076.44	3,080.56	3,047.08	8.06	9.55	1.71	347.90	-148.42	169.81	154.54	15.27	11.123		
3,120.00	3,106.24	3,110.45	3,076.42	8.16	9.67	1.66	353.13	-150.75	172.39	156.96	15.43	11.170		
3,150.00	3,136.03	3,140.34	3,105.75	8.25	9.79	1.62	358.35	-153.07	174.97	159.37	15.60	11.216		
3,180.00	3,165.82	3,170.23	3,135.09	8.34	9.91	1.58	363.57	-155.40	177.55	161.78	15.77	11.261		
3,210.00	3,195.62	3,200.12	3,164.43	8.43	10.04	1.54	368.79	-157.73	180.13	164.19	15.93	11.305		
3,240.00	3,225.41	3,230.01	3,193.76	8.52	10.16	1.50	374.02	-160.06	182.71	166.61	16.10	11.348		
3,270.00	3,255.20	3,259.90	3,223.10	8.62	10.28	1.47	379.24	-162.38	185.28	169.02	16.27	11.390		
3,300.00	3,285.00	3,289.79	3,252.44	8.71	10.41	1.43	384.46	-164.71	187.86	171.43	16.43	11.431		
3,330.00	3,314.79	3,319.67	3,281.77	8.80	10.53	1.40	389.68	-167.04	190.44	173.84	16.60	11.472		
3,360.00	3,344.58	3,349.56	3,311.11	8.89	10.65	1.36	394.90	-169.37	193.02	176.25	16.77	11.511		
3,390.00	3,374.37	3,379.45	3,340.45	8.98	10.78	1.33	400.13	-171.70	195.60	178.67	16.94	11.550		
3,420.00	3,404.17	3,409.34	3,369.78	9.08	10.90	1.30	405.35	-174.02	198.18	181.08	17.10	11.588		
3,450.00	3,433.96	3,439.23	3,399.12	9.17	11.02	1.26	410.57	-176.35	200.76	183.49	17.27	11.625		
3,480.00	3,463.75	3,469.12	3,428.46	9.26	11.15	1.23	415.79	-178.68	203.34	185.90	17.44	11.662		
3,510.00	3,493.55	3,499.01	3,457.79	9.35	11.27	1.20	421.02	-181.01	205.92	188.32	17.60	11.697		
3,540.00	3,523.34	3,528.89	3,487.13	9.45	11.40	1.17	426.24	-183.33	208.50	190.73	17.77	11.732		
3,570.00	3,553.13	3,558.78	3,516.47	9.54	11.52	1.14	431.46	-185.66	211.08	193.14	17.94	11.767		
3,600.00	3,582.93	3,588.67	3,545.80	9.63	11.64	1.12	436.68	-187.99	213.66	195.55	18.11	11.800		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Bill Barrett Corp.	<b>Local Co-ordinate Reference:</b>	Well Anschutz State 5-62-26-1609BH2
<b>Project:</b>	Weld Co., CO	<b>TVD Reference:</b>	WELL @ 4656.00usft (Original Well Elev)
<b>Reference Site:</b>	Sec.26-T5N-R62W	<b>MD Reference:</b>	WELL @ 4656.00usft (Original Well Elev)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Anschutz State 5-62-26-1609BH2	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDMDBBW
<b>Reference Design:</b>	Design #2	<b>Offset TVD Reference:</b>	Reference Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 0-MWD													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Azimuth from North (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
3,630.00	3,612.72	3,618.56	3,575.14	9.72	11.77	1.09	441.91	-190.32	216.24	197.97	18.27	11.833		
3,660.00	3,642.51	3,648.45	3,604.48	9.82	11.89	1.06	447.13	-192.65	218.82	200.38	18.44	11.866		
3,690.00	3,672.31	3,678.34	3,633.81	9.91	12.02	1.04	452.35	-194.97	221.40	202.79	18.61	11.898		
3,720.00	3,702.10	3,708.23	3,663.15	10.00	12.14	1.01	457.57	-197.30	223.98	205.20	18.78	11.929		
3,750.00	3,731.89	3,738.12	3,692.49	10.09	12.26	0.99	462.80	-199.63	226.56	207.62	18.94	11.959		
3,780.00	3,761.68	3,768.00	3,721.82	10.19	12.39	0.96	468.02	-201.96	229.14	210.03	19.11	11.990		
3,810.00	3,791.48	3,797.89	3,751.16	10.28	12.51	0.94	473.24	-204.28	231.72	212.44	19.28	12.019		
3,840.00	3,821.27	3,827.78	3,780.50	10.37	12.64	0.92	478.46	-206.61	234.30	214.85	19.45	12.048		
3,870.00	3,851.06	3,857.67	3,809.83	10.47	12.76	0.89	483.68	-208.94	236.88	217.27	19.61	12.077		
3,900.00	3,880.86	3,887.56	3,839.17	10.56	12.89	0.87	488.91	-211.27	239.46	219.68	19.78	12.105		
3,930.00	3,910.65	3,917.45	3,868.51	10.65	13.01	0.85	494.13	-213.59	242.04	222.09	19.95	12.132		
3,960.00	3,940.44	3,947.34	3,897.84	10.74	13.13	0.83	499.35	-215.92	244.62	224.51	20.12	12.159		
3,990.00	3,970.24	3,977.22	3,927.18	10.84	13.26	0.81	504.57	-218.25	247.20	226.92	20.29	12.186		
4,020.00	4,000.03	4,007.11	3,956.52	10.93	13.38	0.79	509.80	-220.58	249.78	229.33	20.45	12.212		
4,050.00	4,029.82	4,037.00	3,985.85	11.02	13.51	0.77	515.02	-222.91	252.36	231.74	20.62	12.238		
4,080.00	4,059.62	4,066.89	4,015.19	11.11	13.63	0.75	520.24	-225.23	254.95	234.16	20.79	12.263		
4,110.00	4,089.41	4,096.78	4,044.53	11.21	13.76	0.73	525.46	-227.56	257.53	236.57	20.96	12.288		
4,140.00	4,119.20	4,126.67	4,073.86	11.30	13.88	0.71	530.69	-229.89	260.11	238.98	21.13	12.312		
4,170.00	4,149.00	4,156.56	4,103.20	11.39	14.01	0.69	535.91	-232.22	262.69	241.39	21.29	12.337		
4,200.00	4,178.79	4,186.45	4,132.54	11.49	14.13	0.67	541.13	-234.54	265.27	243.81	21.46	12.360		
4,230.00	4,208.58	4,216.33	4,161.87	11.58	14.25	0.66	546.35	-236.87	267.85	246.22	21.63	12.383		
4,260.00	4,238.37	4,246.22	4,191.21	11.67	14.38	0.64	551.57	-239.20	270.43	248.63	21.80	12.406		
4,290.00	4,268.17	4,276.11	4,220.55	11.76	14.50	0.62	556.80	-241.53	273.01	251.04	21.97	12.429		
4,320.00	4,297.96	4,306.00	4,249.88	11.86	14.63	0.60	562.02	-243.86	275.59	253.46	22.13	12.451		
4,350.00	4,327.75	4,335.89	4,279.22	11.95	14.75	0.59	567.24	-246.18	278.17	255.87	22.30	12.473		
4,380.00	4,357.55	4,365.78	4,308.56	12.04	14.88	0.57	572.46	-248.51	280.75	258.28	22.47	12.495		
4,410.00	4,387.34	4,395.67	4,337.89	12.14	15.00	0.56	577.69	-250.84	283.33	260.69	22.64	12.516		
4,440.00	4,417.13	4,425.56	4,367.23	12.23	15.13	0.54	582.91	-253.17	285.91	263.11	22.81	12.537		
4,470.00	4,446.93	4,455.44	4,396.57	12.32	15.25	0.53	588.13	-255.49	288.49	265.52	22.97	12.557		
4,500.00	4,476.72	4,485.33	4,425.90	12.42	15.38	0.51	593.35	-257.82	291.08	267.93	23.14	12.577		
4,530.00	4,506.51	4,515.22	4,455.24	12.51	15.50	0.50	598.58	-260.15	293.66	270.35	23.31	12.597		
4,560.00	4,536.31	4,545.11	4,484.58	12.60	15.63	0.48	603.80	-262.48	296.24	272.76	23.48	12.617		
4,590.00	4,566.10	4,575.00	4,513.91	12.69	15.75	0.47	609.02	-264.81	298.82	275.17	23.65	12.636		
4,620.00	4,595.89	4,604.89	4,543.25	12.79	15.88	0.45	614.24	-267.13	301.40	277.58	23.82	12.655		
4,650.00	4,625.68	4,634.78	4,572.59	12.88	16.00	0.44	619.46	-269.46	303.98	280.00	23.98	12.674		
4,680.00	4,655.48	4,664.66	4,601.92	12.97	16.13	0.43	624.69	-271.79	306.56	282.41	24.15	12.693		
4,710.00	4,685.27	4,694.55	4,631.26	13.07	16.25	0.41	629.91	-274.12	309.14	284.82	24.32	12.711		
4,740.00	4,715.06	4,724.44	4,660.60	13.16	16.38	0.40	635.13	-276.44	311.72	287.23	24.49	12.729		
4,770.00	4,744.86	4,754.33	4,689.93	13.25	16.50	0.39	640.35	-278.77	314.30	289.65	24.66	12.747		
4,800.00	4,774.65	4,784.22	4,719.27	13.35	16.63	0.37	645.58	-281.10	316.88	292.06	24.83	12.764		
4,830.00	4,804.44	4,814.23	4,748.73	13.44	16.75	0.36	650.82	-283.44	319.47	294.47	24.99	12.782		
4,860.00	4,834.24	4,847.54	4,781.47	13.53	16.87	0.31	656.45	-285.95	321.88	296.72	25.16	12.793		
4,890.00	4,864.03	4,880.91	4,814.32	13.63	16.99	0.30	661.75	-288.31	323.97	298.64	25.33	12.790		
4,920.00	4,893.82	4,914.31	4,847.28	13.72	17.10	0.31	666.70	-290.51	325.75	300.25	25.50	12.777		
4,950.00	4,923.64	4,947.75	4,880.34	13.80	17.19	0.32	671.30	-292.57	327.36	301.72	25.64	12.768		
4,980.00	4,953.49	4,981.20	4,913.47	13.87	17.28	0.33	675.55	-294.46	328.90	303.12	25.78	12.758		
5,010.00	4,983.37	5,014.68	4,946.67	13.95	17.37	0.32	679.45	-296.20	330.36	304.45	25.91	12.750		
5,040.00	5,013.28	5,048.18	4,979.94	14.01	17.45	0.31	683.00	-297.78	331.72	305.71	26.03	12.746		
5,070.00	5,043.21	5,081.70	5,013.28	14.07	17.53	0.29	686.20	-299.21	333.03	306.89	26.14	12.740		
5,100.00	5,073.15	5,115.24	5,046.67	14.13	17.60	0.27	689.04	-300.47	334.24	307.99	26.25	12.734		
5,130.00	5,103.12	5,148.79	5,080.12	14.18	17.67	0.24	691.52	-301.58	335.37	309.03	26.35	12.729		
5,160.00	5,133.10	5,182.36	5,113.61	14.23	17.74	0.20	693.65	-302.53	336.43	309.98	26.44	12.723		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Bill Barrett Corp.	<b>Local Co-ordinate Reference:</b>	Well Anschutz State 5-62-26-1609BH2
<b>Project:</b>	Weld Co., CO	<b>TVD Reference:</b>	WELL @ 4656.00usft (Original Well Elev)
<b>Reference Site:</b>	Sec.26-T5N-R62W	<b>MD Reference:</b>	WELL @ 4656.00usft (Original Well Elev)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Anschutz State 5-62-26-1609BH2	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDMDBBW
<b>Reference Design:</b>	Design #2	<b>Offset TVD Reference:</b>	Reference Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 0-MWD													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Azimuth from North (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,190.00	5,163.09	5,215.95	5,147.14	14.28	17.80	0.15	695.41	-303.31	337.40	310.86	26.53	12.716		
5,220.00	5,193.08	5,249.55	5,180.71	14.33	17.85	0.10	696.82	-303.94	338.28	311.67	26.62	12.710		
5,250.00	5,223.08	5,283.17	5,214.30	14.37	17.91	0.04	697.88	-304.41	339.09	312.39	26.70	12.702		
5,280.00	5,253.08	5,316.80	5,247.93	14.42	17.96	-0.01	698.57	-304.72	339.71	309.43	30.27	11.221		
5,310.00	5,283.08	5,350.45	5,281.57	14.47	18.00	-0.04	698.90	-304.87	340.00	309.63	30.37	11.194		
5,340.00	5,313.08	5,381.96	5,313.08	14.52	18.04	-0.04	698.93	-304.88	340.03	309.55	30.47	11.158		
5,370.00	5,343.08	5,411.96	5,343.08	14.57	18.08	-0.04	698.93	-304.88	340.03	309.46	30.57	11.122		
5,400.00	5,373.08	5,441.96	5,373.08	14.63	18.12	-0.04	698.93	-304.88	340.03	309.36	30.67	11.086		
5,430.00	5,403.08	5,471.96	5,403.08	14.68	18.16	-0.04	698.93	-304.88	340.03	309.26	30.77	11.050		
5,460.00	5,433.08	5,501.96	5,433.08	14.73	18.21	-0.04	698.93	-304.88	340.03	309.16	30.87	11.014		
5,490.00	5,463.08	5,531.96	5,463.08	14.79	18.25	-0.04	698.93	-304.88	340.03	309.05	30.97	10.978		
5,520.00	5,493.08	5,561.96	5,493.08	14.84	18.29	-0.04	698.93	-304.88	340.03	308.95	31.08	10.942		
5,550.00	5,523.08	5,591.96	5,523.08	14.89	18.33	-0.04	698.93	-304.88	340.03	308.85	31.18	10.907		
5,580.00	5,553.08	5,621.96	5,553.08	14.95	18.38	-0.04	698.93	-304.88	340.03	308.75	31.28	10.871		
5,610.00	5,583.08	5,651.96	5,583.08	15.00	18.42	-0.04	698.93	-304.88	340.03	308.65	31.38	10.836		
5,640.00	5,613.08	5,681.96	5,613.08	15.06	18.46	-0.04	698.93	-304.88	340.03	308.55	31.48	10.800		
5,670.00	5,643.08	5,711.96	5,643.08	15.11	18.51	-0.04	698.93	-304.88	340.03	308.44	31.59	10.765		
5,700.00	5,673.08	5,741.96	5,673.08	15.16	18.55	-0.04	698.93	-304.88	340.03	308.34	31.69	10.731		
5,730.00	5,703.08	5,771.96	5,703.08	15.22	18.59	-0.04	698.93	-304.88	340.03	308.24	31.79	10.696		
5,760.00	5,733.08	5,801.96	5,733.08	15.27	18.64	-0.05	698.93	-304.88	340.03	311.41	28.61	11.884		
5,790.00	5,763.04	5,831.92	5,763.04	15.31	18.68	-0.30	698.93	-304.88	339.99	311.30	28.69	11.852		
5,820.00	5,792.85	5,861.73	5,792.85	15.34	18.72	-0.87	698.93	-304.88	339.93	311.22	28.71	11.839		
5,850.00	5,822.39	5,891.28	5,822.38	15.36	18.76	-1.62	698.95	-304.13	339.90	311.20	28.70	11.845		
5,850.37	5,822.75	5,891.64	5,822.75	15.36	18.76	-1.63	698.95	-304.11	339.90	311.20	28.70	11.845		
5,880.00	5,851.54	5,921.07	5,852.06	15.38	18.79	-2.37	699.02	-301.53	339.93	311.26	28.66	11.860		
5,910.00	5,880.19	5,951.16	5,881.80	15.38	18.81	-3.11	699.15	-297.03	340.01	311.40	28.62	11.882		
5,940.00	5,908.22	5,981.53	5,911.48	15.38	18.83	-3.83	699.33	-290.60	340.16	311.60	28.56	11.911		
5,970.00	5,935.53	6,012.21	5,940.98	15.37	18.84	-4.50	699.57	-282.20	340.37	311.87	28.50	11.943		
6,000.00	5,962.01	6,043.18	5,970.16	15.36	18.84	-5.12	699.87	-271.82	340.63	312.19	28.44	11.978		
6,030.00	5,987.55	6,074.47	5,998.89	15.34	18.84	-5.68	700.22	-259.44	340.94	312.56	28.38	12.013		
6,060.00	6,012.06	6,106.07	6,027.01	15.32	18.83	-6.17	700.63	-245.05	341.29	312.96	28.33	12.046		
6,090.00	6,035.42	6,137.99	6,054.39	15.30	18.81	-6.57	701.10	-228.66	341.69	313.39	28.30	12.073		
6,120.00	6,057.57	6,170.22	6,080.86	15.28	18.79	-6.89	701.62	-210.30	342.12	313.83	28.29	12.092		
6,150.00	6,078.39	6,202.76	6,106.27	15.26	18.77	-7.10	702.20	-189.99	342.58	314.27	28.32	12.098		
6,180.00	6,097.82	6,235.61	6,130.46	15.23	18.75	-7.20	702.83	-167.78	343.06	314.68	28.38	12.087		
6,210.00	6,115.78	6,268.76	6,153.26	15.22	18.72	-7.20	703.52	-143.74	343.56	315.06	28.50	12.056		
6,240.00	6,132.20	6,302.19	6,174.51	15.20	18.69	-7.08	704.25	-117.94	344.05	315.38	28.67	12.002		
6,270.00	6,147.00	6,335.91	6,194.06	15.20	18.67	-6.85	705.03	-90.49	344.54	315.64	28.90	11.920		
6,300.00	6,160.14	6,369.89	6,211.75	15.21	18.64	-6.51	705.86	-61.50	345.01	315.80	29.21	11.811		
6,330.00	6,171.56	6,404.12	6,227.44	15.27	18.61	-6.06	706.72	-31.10	345.46	315.86	29.60	11.670		
6,360.00	6,181.21	6,438.58	6,241.00	15.43	18.59	-5.51	707.62	0.56	345.88	315.81	30.08	11.500		
6,390.00	6,189.06	6,473.24	6,252.29	15.70	18.57	-4.87	708.56	33.30	346.26	315.63	30.63	11.304		
6,420.00	6,195.08	6,508.07	6,261.22	16.04	18.57	-4.15	709.51	66.95	346.59	315.32	31.27	11.084		
6,450.00	6,199.24	6,543.06	6,267.69	16.42	18.58	-3.37	710.49	101.32	346.87	314.89	31.98	10.847		
6,480.00	6,201.53	6,578.18	6,271.64	16.84	18.64	-2.53	711.49	136.19	347.09	314.32	32.77	10.591		
6,510.00	6,201.96	6,613.38	6,273.02	17.29	18.78	-1.66	712.49	171.34	347.24	313.61	33.63	10.324		
6,540.00	6,201.71	6,644.21	6,272.76	17.78	19.01	-1.52	713.36	202.16	347.24	312.67	34.57	10.046		
6,570.00	6,201.47	6,674.21	6,272.47	18.27	19.34	-1.52	714.22	232.14	347.23	311.74	35.50	9.782		
6,600.00	6,201.22	6,704.21	6,272.19	18.77	19.76	-1.52	715.07	262.13	347.22	310.79	36.44	9.530		
6,630.00	6,200.97	6,734.21	6,271.91	19.33	20.24	-1.52	715.93	292.12	347.21	309.70	37.51	9.256		
6,660.00	6,200.73	6,764.21	6,271.62	19.90	20.75	-1.52	716.78	322.10	347.21	308.62	38.59	8.998		
6,690.00	6,200.48	6,794.21	6,271.34	20.46	21.28	-1.52	717.63	352.09	347.20	307.54	39.66	8.754		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



<b>Company:</b>	Bill Barrett Corp.	<b>Local Co-ordinate Reference:</b>	Well Anschutz State 5-62-26-1609BH2
<b>Project:</b>	Weld Co., CO	<b>TVD Reference:</b>	WELL @ 4656.00usft (Original Well Elev)
<b>Reference Site:</b>	Sec.26-T5N-R62W	<b>MD Reference:</b>	WELL @ 4656.00usft (Original Well Elev)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Anschutz State 5-62-26-1609BH2	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDMDBBW
<b>Reference Design:</b>	Design #2	<b>Offset TVD Reference:</b>	Reference Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 0-MWD													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Azimuth from North (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
6,720.00	6,200.24	6,824.21	6,271.06	21.07	21.85	-1.52	718.49	382.08	347.19	306.37	40.82	8.504		
6,750.00	6,199.99	6,854.21	6,270.77	21.69	22.44	-1.52	719.34	412.06	347.18	305.16	42.02	8.262		
6,780.00	6,199.74	6,884.21	6,270.49	22.31	23.04	-1.52	720.19	442.05	347.18	303.96	43.21	8.034		
6,810.00	6,199.50	6,914.21	6,270.20	22.94	23.65	-1.52	721.05	472.03	347.17	302.72	44.45	7.811		
6,840.00	6,199.25	6,944.21	6,269.92	23.60	24.29	-1.52	721.90	502.02	347.16	301.43	45.73	7.592		
6,870.00	6,199.00	6,974.21	6,269.64	24.27	24.93	-1.52	722.76	532.01	347.15	300.14	47.01	7.384		
6,900.00	6,198.76	7,004.21	6,269.35	24.93	25.58	-1.52	723.61	561.99	347.14	298.84	48.30	7.187		
6,930.00	6,198.51	7,034.21	6,269.07	25.62	26.26	-1.52	724.46	591.98	347.14	297.48	49.66	6.991		
6,960.00	6,198.26	7,064.21	6,268.79	26.32	26.93	-1.52	725.32	621.97	347.13	296.12	51.01	6.805		
6,990.00	6,198.02	7,094.21	6,268.50	27.01	27.61	-1.52	726.17	651.95	347.12	294.76	52.36	6.629		
7,020.00	6,197.77	7,124.21	6,268.22	27.72	28.31	-1.52	727.02	681.94	347.11	293.36	53.75	6.458		
7,050.00	6,197.52	7,154.21	6,267.94	28.44	29.01	-1.52	727.88	711.93	347.11	291.95	55.16	6.293		
7,080.00	6,197.28	7,184.21	6,267.65	29.16	29.72	-1.52	728.73	741.91	347.10	290.54	56.56	6.137		
7,110.00	6,197.03	7,214.21	6,267.37	29.89	30.43	-1.52	729.59	771.90	347.09	289.11	57.98	5.986		
7,140.00	6,196.78	7,244.21	6,267.09	30.62	31.15	-1.52	730.44	801.89	347.08	287.65	59.43	5.840		
7,170.00	6,196.54	7,274.21	6,266.80	31.36	31.88	-1.52	731.29	831.87	347.07	286.20	60.87	5.702		
7,200.00	6,196.29	7,304.21	6,266.52	32.10	32.61	-1.52	732.15	861.86	347.07	284.75	62.32	5.569		
7,230.00	6,196.04	7,334.21	6,266.23	32.85	33.35	-1.52	733.00	891.85	347.06	283.26	63.80	5.440		
7,260.00	6,195.80	7,364.21	6,265.95	33.61	34.09	-1.52	733.85	921.83	347.05	281.78	65.27	5.317		
7,290.00	6,195.55	7,394.21	6,265.67	34.36	34.83	-1.52	734.71	951.82	347.04	280.29	66.75	5.199		
7,320.00	6,195.30	7,424.21	6,265.38	35.12	35.59	-1.52	735.56	981.81	347.04	278.79	68.25	5.085		
7,350.00	6,195.06	7,454.21	6,265.10	35.89	36.34	-1.52	736.42	1,011.79	347.03	277.28	69.75	4.975		
7,380.00	6,194.81	7,484.21	6,264.82	36.66	37.10	-1.52	737.27	1,041.78	347.02	275.77	71.25	4.870		
7,410.00	6,194.56	7,514.21	6,264.53	37.43	37.86	-1.52	738.12	1,071.76	347.01	274.25	72.76	4.769		
7,440.00	6,194.32	7,544.21	6,264.25	38.20	38.62	-1.52	738.98	1,101.75	347.00	272.72	74.28	4.671		
7,470.00	6,194.07	7,574.21	6,263.97	38.98	39.39	-1.52	739.83	1,131.74	347.00	271.19	75.81	4.577		
7,500.00	6,193.82	7,604.21	6,263.68	39.75	40.16	-1.52	740.68	1,161.72	346.99	269.66	77.33	4.487		
7,530.00	6,193.58	7,634.21	6,263.40	40.54	40.93	-1.52	741.54	1,191.71	346.98	268.11	78.87	4.400		
7,560.00	6,193.33	7,664.21	6,263.12	41.32	41.71	-1.52	742.39	1,221.70	346.97	266.57	80.41	4.315		
7,590.00	6,193.08	7,694.21	6,262.83	42.11	42.49	-1.52	743.25	1,251.68	346.97	265.02	81.95	4.234		
7,620.00	6,192.84	7,724.21	6,262.55	42.89	43.27	-1.52	744.10	1,281.67	346.96	263.46	83.50	4.155		
7,650.00	6,192.59	7,754.21	6,262.26	43.68	44.05	-1.52	744.95	1,311.66	346.95	261.90	85.05	4.079		
7,680.00	6,192.35	7,784.21	6,261.98	44.48	44.83	-1.52	745.81	1,341.64	346.94	260.34	86.60	4.006		
7,710.00	6,192.10	7,814.21	6,261.70	45.27	45.62	-1.52	746.66	1,371.63	346.94	258.78	88.16	3.935		
7,740.00	6,191.85	7,844.21	6,261.41	46.06	46.41	-1.52	747.51	1,401.62	346.93	257.20	89.72	3.867		
7,770.00	6,191.61	7,874.21	6,261.13	46.86	47.20	-1.52	748.37	1,431.60	346.92	255.63	91.29	3.800		
7,800.00	6,191.36	7,904.21	6,260.85	47.66	47.99	-1.52	749.22	1,461.59	346.91	254.06	92.85	3.736		
7,830.00	6,191.11	7,934.21	6,260.56	48.46	48.78	-1.52	750.08	1,491.58	346.90	252.48	94.43	3.674		
7,860.00	6,190.87	7,964.21	6,260.28	49.26	49.58	-1.52	750.93	1,521.56	346.90	250.89	96.00	3.613		
7,890.00	6,190.62	7,994.21	6,260.00	50.06	50.37	-1.52	751.78	1,551.55	346.89	249.31	97.58	3.555		
7,920.00	6,190.37	8,024.21	6,259.71	50.87	51.17	-1.52	752.64	1,581.53	346.88	247.72	99.16	3.498		
7,950.00	6,190.13	8,054.21	6,259.43	51.67	51.97	-1.52	753.49	1,611.52	346.87	246.13	100.74	3.443		
7,980.00	6,189.88	8,084.21	6,259.15	52.48	52.77	-1.52	754.34	1,641.51	346.87	244.54	102.32	3.390		
8,010.00	6,189.63	8,114.21	6,258.86	53.28	53.57	-1.52	755.20	1,671.49	346.86	242.95	103.91	3.338		
8,040.00	6,189.39	8,144.21	6,258.58	54.09	54.38	-1.52	756.05	1,701.48	346.85	241.35	105.50	3.288		
8,070.00	6,189.14	8,174.21	6,258.29	54.90	55.18	-1.52	756.91	1,731.47	346.84	239.76	107.09	3.239		
8,100.00	6,188.89	8,204.21	6,258.01	55.71	55.98	-1.52	757.76	1,761.45	346.84	238.16	108.68	3.191		
8,130.00	6,188.65	8,234.21	6,257.73	56.52	56.79	-1.52	758.61	1,791.44	346.83	236.56	110.27	3.145		
8,160.00	6,188.40	8,264.21	6,257.44	57.33	57.60	-1.52	759.47	1,821.43	346.82	234.95	111.87	3.100		
8,190.00	6,188.15	8,294.21	6,257.16	58.14	58.40	-1.52	760.32	1,851.41	346.81	233.35	113.46	3.057		
8,220.00	6,187.91	8,324.21	6,256.88	58.96	59.21	-1.52	761.17	1,881.40	346.81	231.74	115.06	3.014		
8,250.00	6,187.66	8,354.21	6,256.59	59.77	60.02	-1.52	762.03	1,911.39	346.80	230.13	116.66	2.973		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



<b>Company:</b>	Bill Barrett Corp.	<b>Local Co-ordinate Reference:</b>	Well Anschutz State 5-62-26-1609BH2
<b>Project:</b>	Weld Co., CO	<b>TVD Reference:</b>	WELL @ 4656.00usft (Original Well Elev)
<b>Reference Site:</b>	Sec.26-T5N-R62W	<b>MD Reference:</b>	WELL @ 4656.00usft (Original Well Elev)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Anschutz State 5-62-26-1609BH2	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDMDBBW
<b>Reference Design:</b>	Design #2	<b>Offset TVD Reference:</b>	Reference Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 0-MWD													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Azimuth from North (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
8,280.00	6,187.41	8,384.21	6,256.31	60.59	60.83	-1.52	762.88	1,941.37	346.79	228.52	118.27	2.932		
8,310.00	6,187.17	8,414.21	6,256.03	61.40	61.65	-1.52	763.74	1,971.36	346.78	226.91	119.87	2.893		
8,340.00	6,186.92	8,444.21	6,255.74	62.22	62.46	-1.52	764.59	2,001.35	346.77	225.30	121.47	2.855		
8,370.00	6,186.67	8,474.21	6,255.46	63.04	63.27	-1.52	765.44	2,031.33	346.77	223.69	123.08	2.817		
8,400.00	6,186.43	8,504.21	6,255.18	63.85	64.08	-1.52	766.30	2,061.32	346.76	222.07	124.69	2.781		
8,430.00	6,186.18	8,534.21	6,254.89	64.67	64.90	-1.52	767.15	2,091.31	346.75	220.46	126.30	2.746		
8,460.00	6,185.93	8,564.21	6,254.61	65.49	65.71	-1.52	768.00	2,121.29	346.74	218.84	127.91	2.711		
8,490.00	6,185.69	8,594.21	6,254.32	66.31	66.53	-1.52	768.86	2,151.28	346.74	217.22	129.52	2.677		
8,520.00	6,185.44	8,624.21	6,254.04	67.13	67.34	-1.52	769.71	2,181.26	346.73	215.60	131.13	2.644		
8,550.00	6,185.19	8,654.21	6,253.76	67.95	68.16	-1.52	770.57	2,211.25	346.72	213.98	132.74	2.612		
8,580.00	6,184.95	8,684.21	6,253.47	68.77	68.98	-1.52	771.42	2,241.24	346.71	212.36	134.36	2.581		
8,610.00	6,184.70	8,714.21	6,253.19	69.59	69.80	-1.52	772.27	2,271.22	346.71	210.74	135.97	2.550		
8,640.00	6,184.46	8,744.21	6,252.91	70.41	70.61	-1.52	773.13	2,301.21	346.70	209.11	137.59	2.520		
8,670.00	6,184.21	8,774.21	6,252.62	71.23	71.43	-1.52	773.98	2,331.20	346.69	207.49	139.20	2.491		
8,700.00	6,183.96	8,804.21	6,252.34	72.06	72.25	-1.52	774.83	2,361.18	346.68	205.86	140.82	2.462		
8,730.00	6,183.72	8,834.21	6,252.06	72.88	73.07	-1.52	775.69	2,391.17	346.68	204.23	142.44	2.434		
8,760.00	6,183.47	8,864.21	6,251.77	73.70	73.89	-1.52	776.54	2,421.16	346.67	202.61	144.06	2.406		
8,790.00	6,183.22	8,894.21	6,251.49	74.53	74.71	-1.52	777.40	2,451.14	346.66	200.98	145.68	2.380		
8,820.00	6,182.98	8,924.21	6,251.20	75.35	75.53	-1.52	778.25	2,481.13	346.65	199.35	147.30	2.353		
8,850.00	6,182.73	8,954.21	6,250.92	76.17	76.36	-1.52	779.10	2,511.12	346.65	197.72	148.93	2.328		
8,880.00	6,182.48	8,984.21	6,250.64	77.00	77.18	-1.52	779.96	2,541.10	346.64	196.09	150.55	2.303		
8,910.00	6,182.24	9,014.21	6,250.35	77.82	78.00	-1.52	780.81	2,571.09	346.63	194.46	152.17	2.278		
8,940.00	6,181.99	9,044.21	6,250.07	78.65	78.82	-1.52	781.66	2,601.08	346.62	192.83	153.80	2.254		
8,970.00	6,181.74	9,074.21	6,249.79	79.48	79.65	-1.52	782.52	2,631.06	346.62	191.19	155.42	2.230		
9,000.00	6,181.50	9,104.21	6,249.50	80.30	80.47	-1.52	783.37	2,661.05	346.61	189.56	157.05	2.207		
9,030.00	6,181.25	9,134.21	6,249.22	81.13	81.29	-1.52	784.23	2,691.03	346.60	187.93	158.67	2.184		
9,060.00	6,181.00	9,164.21	6,248.94	81.96	82.12	-1.52	785.08	2,721.02	346.59	186.29	160.30	2.162		
9,090.00	6,180.76	9,194.21	6,248.65	82.78	82.94	-1.52	785.93	2,751.01	346.59	184.66	161.93	2.140		
9,120.00	6,180.51	9,224.21	6,248.37	83.61	83.77	-1.52	786.79	2,780.99	346.58	183.02	163.56	2.119		
9,150.00	6,180.26	9,254.21	6,248.09	84.44	84.59	-1.52	787.64	2,810.98	346.57	181.39	165.18	2.098		
9,180.00	6,180.02	9,284.21	6,247.80	85.27	85.42	-1.52	788.49	2,840.97	346.56	179.75	166.81	2.078		
9,210.00	6,179.77	9,314.21	6,247.52	86.09	86.24	-1.52	789.35	2,870.95	346.56	178.11	168.44	2.057		
9,240.00	6,179.52	9,344.21	6,247.23	86.92	87.07	-1.52	790.20	2,900.94	346.55	176.47	170.07	2.038		
9,270.00	6,179.28	9,374.21	6,246.95	87.75	87.90	-1.52	791.06	2,930.93	346.54	174.84	171.70	2.018		
9,300.00	6,179.03	9,404.21	6,246.67	88.58	88.72	-1.52	791.91	2,960.91	346.53	173.20	173.34	1.999		
9,330.00	6,178.78	9,434.21	6,246.38	89.41	89.55	-1.52	792.76	2,990.90	346.53	171.56	174.97	1.981		
9,360.00	6,178.54	9,464.21	6,246.10	90.24	90.38	-1.52	793.62	3,020.89	346.52	169.92	176.60	1.962		
9,390.00	6,178.29	9,494.21	6,245.82	91.07	91.20	-1.52	794.47	3,050.87	346.51	168.28	178.23	1.944		
9,420.00	6,178.04	9,524.21	6,245.53	91.90	92.03	-1.52	795.32	3,080.86	346.50	166.64	179.87	1.926		
9,450.00	6,177.80	9,554.21	6,245.25	92.73	92.86	-1.52	796.18	3,110.85	346.50	164.99	181.50	1.909		
9,480.00	6,177.55	9,584.21	6,244.97	93.56	93.69	-1.52	797.03	3,140.83	346.49	163.35	183.13	1.892		
9,510.00	6,177.30	9,614.21	6,244.68	94.39	94.52	-1.52	797.89	3,170.82	346.48	161.71	184.77	1.875		
9,540.00	6,177.06	9,644.21	6,244.40	95.22	95.34	-1.52	798.74	3,200.81	346.47	160.07	186.40	1.859		
9,570.00	6,176.81	9,674.21	6,244.12	96.05	96.17	-1.52	799.59	3,230.79	346.47	158.43	188.04	1.843		
9,600.00	6,176.57	9,704.21	6,243.83	96.88	97.00	-1.52	800.45	3,260.78	346.46	156.78	189.68	1.827		
9,630.00	6,176.32	9,734.21	6,243.55	97.71	97.83	-1.52	801.30	3,290.76	346.45	155.14	191.31	1.811		
9,660.00	6,176.07	9,764.21	6,243.26	98.54	98.66	-1.52	802.15	3,320.75	346.44	153.49	192.95	1.796		
9,690.00	6,175.83	9,794.21	6,242.98	99.37	99.49	-1.52	803.01	3,350.74	346.44	151.85	194.59	1.780		
9,720.00	6,175.58	9,824.21	6,242.70	100.20	100.32	-1.52	803.86	3,380.72	346.43	150.20	196.22	1.765		
9,750.00	6,175.33	9,854.21	6,242.41	101.04	101.15	-1.52	804.72	3,410.71	346.42	148.56	197.86	1.751		
9,780.00	6,175.09	9,884.21	6,242.13	101.87	101.98	-1.52	805.57	3,440.70	346.41	146.91	199.50	1.736		
9,810.00	6,174.84	9,914.21	6,241.85	102.70	102.81	-1.52	806.42	3,470.68	346.41	145.27	201.14	1.722		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Bill Barrett Corp.	<b>Local Co-ordinate Reference:</b>	Well Anschutz State 5-62-26-1609BH2
<b>Project:</b>	Weld Co., CO	<b>TVD Reference:</b>	WELL @ 4656.00usft (Original Well Elev)
<b>Reference Site:</b>	Sec.26-T5N-R62W	<b>MD Reference:</b>	WELL @ 4656.00usft (Original Well Elev)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Anschutz State 5-62-26-1609BH2	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDMDBBW
<b>Reference Design:</b>	Design #2	<b>Offset TVD Reference:</b>	Reference Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 0-MWD													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Azimuth from North (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
9,840.00	6,174.59	9,944.21	6,241.56	103.53	103.64	-1.52	807.28	3,500.67	346.40	143.62	202.78	1.708		
9,870.00	6,174.35	9,974.21	6,241.28	104.36	104.47	-1.52	808.13	3,530.66	346.39	141.97	204.42	1.695		
9,900.00	6,174.10	10,004.21	6,241.00	105.20	105.30	-1.52	808.98	3,560.64	346.38	140.33	206.06	1.681		
9,930.00	6,173.85	10,034.21	6,240.71	106.03	106.13	-1.52	809.84	3,590.63	346.38	138.68	207.70	1.668		
9,960.00	6,173.61	10,064.21	6,240.43	106.86	106.96	-1.52	810.69	3,620.62	346.37	137.03	209.34	1.655		
9,990.00	6,173.36	10,094.21	6,240.15	107.69	107.79	-1.52	811.55	3,650.60	346.36	135.38	210.98	1.642		
10,020.00	6,173.11	10,124.21	6,239.86	108.53	108.63	-1.52	812.40	3,680.59	346.35	133.74	212.62	1.629		
10,050.00	6,172.87	10,154.21	6,239.58	109.36	109.46	-1.52	813.25	3,710.58	346.35	132.09	214.26	1.616		
10,080.00	6,172.62	10,184.21	6,239.29	110.19	110.29	-1.52	814.11	3,740.56	346.34	130.44	215.90	1.604		
10,110.00	6,172.37	10,214.21	6,239.01	111.03	111.12	-1.52	814.96	3,770.55	346.33	128.79	217.54	1.592		
10,140.00	6,172.13	10,244.21	6,238.73	111.86	111.95	-1.52	815.81	3,800.53	346.32	127.14	219.18	1.580		
10,170.00	6,171.88	10,274.21	6,238.44	112.69	112.79	-1.52	816.67	3,830.52	346.32	125.49	220.83	1.568		
10,200.00	6,171.63	10,304.21	6,238.16	113.53	113.62	-1.52	817.52	3,860.51	346.31	123.84	222.47	1.557		
10,230.00	6,171.39	10,334.21	6,237.88	114.36	114.45	-1.52	818.38	3,890.49	346.30	122.19	224.11	1.545		
10,260.00	6,171.14	10,364.21	6,237.59	115.19	115.28	-1.52	819.23	3,920.48	346.30	120.54	225.75	1.534		
10,290.00	6,170.89	10,394.21	6,237.31	116.03	116.11	-1.53	820.08	3,950.47	346.29	118.89	227.40	1.523		
10,320.00	6,170.65	10,424.21	6,237.03	116.86	116.95	-1.53	820.94	3,980.45	346.28	117.24	229.04	1.512		
10,350.00	6,170.40	10,454.21	6,236.74	117.70	117.78	-1.53	821.79	4,010.44	346.27	115.59	230.69	1.501		
10,380.00	6,170.15	10,484.21	6,236.46	118.53	118.61	-1.53	822.64	4,040.43	346.27	113.94	232.33	1.490 Level 3		
10,410.00	6,169.91	10,514.21	6,236.18	119.36	119.45	-1.53	823.50	4,070.41	346.26	112.28	233.97	1.480 Level 3		
10,440.00	6,169.66	10,544.21	6,235.89	120.20	120.28	-1.53	824.35	4,100.40	346.25	110.63	235.62	1.470 Level 3		
10,470.00	6,169.42	10,574.21	6,235.61	121.03	121.11	-1.53	825.21	4,130.39	346.24	108.98	237.26	1.459 Level 3		
10,500.00	6,169.17	10,604.21	6,235.32	121.87	121.95	-1.53	826.06	4,160.37	346.24	107.33	238.91	1.449 Level 3		
10,530.00	6,168.92	10,634.21	6,235.04	122.70	122.78	-1.53	826.91	4,190.36	346.23	105.68	240.55	1.439 Level 3		
10,560.00	6,168.68	10,664.21	6,234.76	123.54	123.61	-1.53	827.77	4,220.35	346.22	104.02	242.20	1.429 Level 3		
10,590.00	6,168.43	10,694.21	6,234.47	124.37	124.45	-1.53	828.62	4,250.33	346.21	102.37	243.84	1.420 Level 3		
10,620.00	6,168.18	10,724.21	6,234.19	125.21	125.28	-1.53	829.47	4,280.32	346.21	100.72	245.49	1.410 Level 3		
10,650.00	6,167.94	10,754.21	6,233.91	126.04	126.11	-1.53	830.33	4,310.31	346.20	99.06	247.14	1.401 Level 3		
10,680.00	6,167.69	10,784.21	6,233.62	126.88	126.95	-1.53	831.18	4,340.29	346.19	97.41	248.78	1.392 Level 3		
10,710.00	6,167.44	10,814.21	6,233.34	127.71	127.78	-1.53	832.04	4,370.28	346.18	95.76	250.43	1.382 Level 3		
10,740.00	6,167.20	10,844.21	6,233.06	128.55	128.62	-1.53	832.89	4,400.26	346.18	94.10	252.08	1.373 Level 3		
10,770.00	6,166.95	10,874.21	6,232.77	129.38	129.45	-1.53	833.74	4,430.25	346.17	92.45	253.72	1.364 Level 3		
10,800.00	6,166.70	10,904.21	6,232.49	130.22	130.29	-1.53	834.60	4,460.24	346.16	90.79	255.37	1.356 Level 3		
10,830.00	6,166.46	10,934.21	6,232.21	131.05	131.12	-1.53	835.45	4,490.22	346.16	89.14	257.02	1.347 Level 3		
10,860.00	6,166.21	10,964.21	6,231.92	131.89	131.95	-1.53	836.30	4,520.21	346.15	87.48	258.67	1.338 Level 3		
10,890.00	6,165.96	10,994.21	6,231.64	132.72	132.79	-1.53	837.16	4,550.20	346.14	85.83	260.31	1.330 Level 3		
10,920.00	6,165.72	11,024.21	6,231.35	133.56	133.62	-1.53	838.01	4,580.18	346.13	84.17	261.96	1.321 Level 3		
10,950.00	6,165.47	11,054.21	6,231.07	134.40	134.46	-1.53	838.87	4,610.17	346.13	82.52	263.61	1.313 Level 3		
10,980.00	6,165.22	11,084.21	6,230.79	135.23	135.29	-1.53	839.72	4,640.16	346.12	80.86	265.26	1.305 Level 3		
11,010.00	6,164.98	11,114.21	6,230.50	136.07	136.13	-1.53	840.57	4,670.14	346.11	79.21	266.91	1.297 Level 3		
11,040.00	6,164.73	11,144.21	6,230.22	136.90	136.96	-1.53	841.43	4,700.13	346.10	77.55	268.55	1.289 Level 3		
11,070.00	6,164.48	11,174.21	6,229.94	137.74	137.80	-1.53	842.28	4,730.12	346.10	75.89	270.20	1.281 Level 3		
11,100.00	6,164.24	11,204.21	6,229.65	138.58	138.63	-1.53	843.14	4,760.10	346.09	74.24	271.85	1.273 Level 3		
11,130.00	6,163.99	11,234.21	6,229.37	139.41	139.47	-1.53	843.99	4,790.09	346.08	72.58	273.50	1.265 Level 3		
11,160.00	6,163.74	11,264.21	6,229.09	140.25	140.30	-1.53	844.84	4,820.08	346.08	70.92	275.15	1.258 Level 3		
11,190.00	6,163.50	11,294.21	6,228.80	141.08	141.14	-1.53	845.70	4,850.06	346.07	69.27	276.80	1.250 Level 3		
11,220.00	6,163.25	11,324.21	6,228.52	141.92	141.97	-1.53	846.55	4,880.05	346.06	67.61	278.45	1.243 Level 2		
11,250.00	6,163.00	11,354.21	6,228.24	142.76	142.81	-1.53	847.40	4,910.03	346.05	65.95	280.10	1.235 Level 2		
11,280.00	6,162.76	11,384.21	6,227.95	143.59	143.64	-1.53	848.26	4,940.02	346.05	64.30	281.75	1.228 Level 2		
11,310.00	6,162.51	11,414.21	6,227.67	144.43	144.48	-1.53	849.11	4,970.01	346.04	62.64	283.40	1.221 Level 2		
11,340.00	6,162.26	11,444.21	6,227.38	145.27	145.32	-1.53	849.97	4,999.99	346.03	60.98	285.05	1.214 Level 2		
11,370.00	6,162.02	11,474.21	6,227.10	146.10	146.15	-1.53	850.82	5,029.98	346.02	59.32	286.70	1.207 Level 2		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Bill Barrett Corp.	<b>Local Co-ordinate Reference:</b>	Well Anschutz State 5-62-26-1609BH2
<b>Project:</b>	Weld Co., CO	<b>TVD Reference:</b>	WELL @ 4656.00usft (Original Well Elev)
<b>Reference Site:</b>	Sec.26-T5N-R62W	<b>MD Reference:</b>	WELL @ 4656.00usft (Original Well Elev)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Anschutz State 5-62-26-1609BH2	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDMDBBW
<b>Reference Design:</b>	Design #2	<b>Offset TVD Reference:</b>	Reference Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 0-MWD													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Azimuth from North (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
11,400.00	6,161.77	11,504.21	6,226.82	146.94	146.99	-1.53	851.67	5,059.97	346.02	57.67	288.35	1.200	Level 2	
11,430.00	6,161.53	11,534.21	6,226.53	147.78	147.82	-1.53	852.53	5,089.95	346.01	56.01	290.00	1.193	Level 2	
11,460.00	6,161.28	11,564.21	6,226.25	148.61	148.66	-1.53	853.38	5,119.94	346.00	54.35	291.65	1.186	Level 2	
11,490.00	6,161.03	11,594.21	6,225.97	149.45	149.49	-1.53	854.23	5,149.93	346.00	52.69	293.31	1.180	Level 2	
11,520.00	6,160.79	11,624.21	6,225.68	150.29	150.33	-1.53	855.09	5,179.91	345.99	51.03	294.96	1.173	Level 2	
11,550.00	6,160.54	11,654.21	6,225.40	151.12	151.17	-1.53	855.94	5,209.90	345.98	49.37	296.61	1.166	Level 2	
11,580.00	6,160.29	11,684.21	6,225.12	151.96	152.00	-1.53	856.80	5,239.89	345.97	47.71	298.26	1.160	Level 2	
11,610.00	6,160.05	11,714.21	6,224.83	152.80	152.84	-1.53	857.65	5,269.87	345.97	46.06	299.91	1.154	Level 2	
11,640.00	6,159.80	11,744.21	6,224.55	153.63	153.67	-1.53	858.50	5,299.86	345.96	44.40	301.56	1.147	Level 2	
11,670.00	6,159.55	11,774.21	6,224.27	154.47	154.51	-1.53	859.36	5,329.85	345.95	42.74	303.22	1.141	Level 2	
11,700.00	6,159.31	11,804.20	6,223.98	155.31	155.35	-1.53	860.21	5,359.83	345.95	41.08	304.87	1.135	Level 2	
11,730.00	6,159.06	11,834.20	6,223.70	156.14	156.18	-1.53	861.06	5,389.82	345.94	39.42	306.52	1.129	Level 2	
11,760.00	6,158.81	11,864.20	6,223.41	156.98	157.02	-1.53	861.92	5,419.81	345.93	37.76	308.17	1.123	Level 2	
11,790.00	6,158.57	11,894.20	6,223.13	157.82	157.86	-1.53	862.77	5,449.79	345.92	36.10	309.82	1.117	Level 2	
11,820.00	6,158.32	11,924.20	6,222.85	158.66	158.69	-1.53	863.63	5,479.78	345.92	34.44	311.48	1.111	Level 2	
11,850.00	6,158.07	11,954.20	6,222.56	159.49	159.53	-1.53	864.48	5,509.76	345.91	32.78	313.13	1.105	Level 2	
11,880.00	6,157.83	11,984.20	6,222.28	160.33	160.37	-1.53	865.33	5,539.75	345.90	31.12	314.78	1.099	Level 2	
11,910.00	6,157.58	12,014.20	6,222.00	161.17	161.20	-1.53	866.19	5,569.74	345.90	29.46	316.44	1.093	Level 2	
11,940.00	6,157.33	12,044.20	6,221.71	162.01	162.04	-1.53	867.04	5,599.72	345.89	27.80	318.09	1.087	Level 2	
11,970.00	6,157.09	12,074.20	6,221.43	162.84	162.88	-1.53	867.89	5,629.71	345.88	26.14	319.74	1.082	Level 2	
12,000.00	6,156.84	12,104.20	6,221.15	163.68	163.71	-1.53	868.75	5,659.70	345.87	24.48	321.40	1.076	Level 2	
12,030.00	6,156.59	12,134.20	6,220.86	164.52	164.55	-1.53	869.60	5,689.68	345.87	22.82	323.05	1.071	Level 2	
12,060.00	6,156.35	12,164.20	6,220.58	165.36	165.39	-1.53	870.46	5,719.67	345.86	21.16	324.70	1.065	Level 2	
12,090.00	6,156.10	12,194.20	6,220.30	166.19	166.22	-1.53	871.31	5,749.66	345.85	19.49	326.36	1.060	Level 2	
12,120.00	6,155.85	12,224.20	6,220.01	167.03	167.06	-1.53	872.16	5,779.64	345.85	17.83	328.01	1.054	Level 2	
12,150.00	6,155.61	12,254.20	6,219.73	167.87	167.90	-1.53	873.02	5,809.63	345.84	16.17	329.67	1.049	Level 2	
12,180.00	6,155.36	12,284.20	6,219.44	168.71	168.73	-1.53	873.87	5,839.62	345.83	14.51	331.32	1.044	Level 2	
12,210.00	6,155.11	12,314.20	6,219.16	169.54	169.57	-1.53	874.72	5,869.60	345.82	12.85	332.97	1.039	Level 2	
12,240.00	6,154.87	12,344.20	6,218.88	170.38	170.41	-1.53	875.58	5,899.59	345.82	11.19	334.63	1.033	Level 2	
12,270.00	6,154.62	12,374.20	6,218.59	171.22	171.25	-1.53	876.43	5,929.58	345.81	9.53	336.28	1.028	Level 2	
12,300.00	6,154.37	12,404.20	6,218.31	172.06	172.08	-1.53	877.29	5,959.56	345.80	7.86	337.94	1.023	Level 2	
12,330.00	6,154.13	12,434.20	6,218.03	172.89	172.92	-1.53	878.14	5,989.55	345.80	6.20	339.59	1.018	Level 2	
12,360.00	6,153.88	12,464.20	6,217.74	173.73	173.76	-1.53	878.99	6,019.53	345.79	4.54	341.25	1.013	Level 2	
12,390.00	6,153.64	12,494.20	6,217.46	174.57	174.59	-1.53	879.85	6,049.52	345.78	2.88	342.90	1.008	Level 2	
12,420.00	6,153.39	12,524.20	6,217.18	175.41	175.43	-1.53	880.70	6,079.51	345.77	1.22	344.56	1.004	Level 2	
12,450.00	6,153.14	12,554.20	6,216.89	176.25	176.27	-1.53	881.55	6,109.49	345.77	-0.45	346.21	0.999	Level 1	
12,480.00	6,152.90	12,584.20	6,216.61	177.08	177.11	-1.53	882.41	6,139.48	345.76	-2.11	347.87	0.994	Level 1	
12,510.00	6,152.65	12,614.20	6,216.33	177.92	177.94	-1.53	883.26	6,169.47	345.75	-3.77	349.53	0.989	Level 1	
12,540.00	6,152.40	12,644.20	6,216.04	178.76	178.78	-1.53	884.12	6,199.45	345.75	-5.44	351.18	0.985	Level 1	
12,570.00	6,152.16	12,674.20	6,215.76	179.60	179.62	-1.53	884.97	6,229.44	345.74	-7.10	352.84	0.980	Level 1	
12,600.00	6,151.91	12,704.20	6,215.47	180.44	180.46	-1.53	885.82	6,259.43	345.73	-8.76	354.49	0.975	Level 1	
12,630.00	6,151.66	12,734.20	6,215.19	181.27	181.29	-1.53	886.68	6,289.41	345.72	-10.42	356.15	0.971	Level 1	
12,660.00	6,151.42	12,764.20	6,214.91	182.11	182.13	-1.53	887.53	6,319.40	345.72	-12.09	357.80	0.966	Level 1	
12,690.00	6,151.17	12,794.20	6,214.62	182.95	182.97	-1.53	888.38	6,349.39	345.71	-13.75	359.46	0.962	Level 1	
12,720.00	6,150.92	12,824.20	6,214.34	183.79	183.81	-1.53	889.24	6,379.37	345.70	-15.41	361.12	0.957	Level 1	
12,750.00	6,150.68	12,854.20	6,214.06	184.63	184.64	-1.53	890.09	6,409.36	345.70	-17.08	362.77	0.953	Level 1	
12,780.00	6,150.43	12,884.20	6,213.77	185.47	185.48	-1.53	890.95	6,439.35	345.69	-18.74	364.43	0.949	Level 1	
12,810.00	6,150.18	12,914.20	6,213.49	186.30	186.32	-1.53	891.80	6,469.33	345.68	-20.40	366.09	0.944	Level 1	
12,840.00	6,149.94	12,944.20	6,213.21	187.14	187.16	-1.53	892.65	6,499.32	345.68	-22.07	367.74	0.940	Level 1	
12,870.00	6,149.69	12,974.20	6,212.92	187.98	187.99	-1.53	893.51	6,529.31	345.67	-23.73	369.40	0.936	Level 1	
12,900.00	6,149.44	13,004.20	6,212.64	188.82	188.83	-1.53	894.36	6,559.29	345.66	-25.40	371.06	0.932	Level 1	
12,930.00	6,149.20	13,034.20	6,212.35	189.66	189.67	-1.53	895.21	6,589.28	345.65	-27.06	372.71	0.927	Level 1	

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Bill Barrett Corp.	<b>Local Co-ordinate Reference:</b>	Well Anschutz State 5-62-26-1609BH2
<b>Project:</b>	Weld Co., CO	<b>TVD Reference:</b>	WELL @ 4656.00usft (Original Well Elev)
<b>Reference Site:</b>	Sec.26-T5N-R62W	<b>MD Reference:</b>	WELL @ 4656.00usft (Original Well Elev)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Anschutz State 5-62-26-1609BH2	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDMDBBW
<b>Reference Design:</b>	Design #2	<b>Offset TVD Reference:</b>	Reference Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 0-MWD													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Azimuth from North (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
12,960.00	6,148.95	13,064.20	6,212.07	190.50	190.51	-1.53	896.07	6,619.26	345.65	-28.72	374.37	0.923	Level 1	
12,990.00	6,148.70	13,094.20	6,211.79	191.33	191.35	-1.53	896.92	6,649.25	345.64	-30.39	376.03	0.919	Level 1	
13,020.00	6,148.46	13,124.20	6,211.50	192.17	192.18	-1.53	897.78	6,679.24	345.63	-32.05	377.69	0.915	Level 1	
13,050.00	6,148.21	13,154.20	6,211.22	193.01	193.02	-1.53	898.63	6,709.22	345.63	-33.72	379.34	0.911	Level 1	
13,080.00	6,147.96	13,184.20	6,210.94	193.85	193.86	-1.53	899.48	6,739.21	345.62	-35.38	381.00	0.907	Level 1	
13,110.00	6,147.72	13,214.20	6,210.65	194.69	194.70	-1.53	900.34	6,769.20	345.61	-37.05	382.66	0.903	Level 1	
13,140.00	6,147.47	13,244.20	6,210.37	195.53	195.54	-1.53	901.19	6,799.18	345.60	-38.71	384.32	0.899	Level 1	
13,170.00	6,147.22	13,274.20	6,210.09	196.36	196.37	-1.53	902.04	6,829.17	345.60	-40.38	385.97	0.895	Level 1	
13,200.00	6,146.98	13,304.20	6,209.80	197.20	197.21	-1.53	902.90	6,859.16	345.59	-42.04	387.63	0.892	Level 1	
13,230.00	6,146.73	13,334.20	6,209.52	198.04	198.05	-1.53	903.75	6,889.14	345.58	-43.71	389.29	0.888	Level 1	
13,260.00	6,146.48	13,364.20	6,209.24	198.88	198.89	-1.53	904.61	6,919.13	345.58	-45.37	390.95	0.884	Level 1	
13,290.00	6,146.24	13,394.20	6,208.95	199.72	199.73	-1.53	905.46	6,949.12	345.57	-47.04	392.61	0.880	Level 1	
13,320.00	6,145.99	13,424.20	6,208.67	200.56	200.56	-1.53	906.31	6,979.10	345.56	-48.70	394.26	0.876	Level 1	
13,350.00	6,145.75	13,454.20	6,208.38	201.40	201.40	-1.53	907.17	7,009.09	345.56	-50.37	395.92	0.873	Level 1	
13,380.00	6,145.50	13,484.20	6,208.10	202.24	202.24	-1.53	908.02	7,039.08	345.55	-52.03	397.58	0.869	Level 1	
13,410.00	6,145.25	13,514.20	6,207.82	203.07	203.08	-1.53	908.87	7,069.06	345.54	-53.70	399.24	0.865	Level 1	
13,440.00	6,145.01	13,544.20	6,207.53	203.91	203.92	-1.53	909.73	7,099.05	345.54	-55.36	400.90	0.862	Level 1	
13,470.00	6,144.76	13,574.20	6,207.25	204.75	204.76	-1.53	910.58	7,129.03	345.53	-57.03	402.56	0.858	Level 1	
13,500.00	6,144.51	13,604.20	6,206.97	205.59	205.59	-1.53	911.44	7,159.02	345.52	-58.70	404.22	0.855	Level 1	
13,530.00	6,144.27	13,634.20	6,206.68	206.43	206.43	-1.53	912.29	7,189.01	345.51	-60.36	405.88	0.851	Level 1	
13,560.00	6,144.02	13,664.20	6,206.40	207.27	207.27	-1.53	913.14	7,218.99	345.51	-62.03	407.53	0.848	Level 1	
13,590.00	6,143.77	13,694.20	6,206.12	208.11	208.11	-1.53	914.00	7,248.98	345.50	-63.69	409.19	0.844	Level 1	
13,620.00	6,143.53	13,724.20	6,205.83	208.95	208.95	-1.53	914.85	7,278.97	345.49	-65.36	410.85	0.841	Level 1	
13,650.00	6,143.28	13,754.20	6,205.55	209.78	209.79	-1.53	915.70	7,308.95	345.49	-67.03	412.51	0.838	Level 1	
13,680.00	6,143.03	13,784.20	6,205.27	210.62	210.62	-1.53	916.56	7,338.94	345.48	-68.69	414.17	0.834	Level 1	
13,710.00	6,142.79	13,814.20	6,204.98	211.46	211.46	-1.53	917.41	7,368.93	345.47	-70.36	415.83	0.831	Level 1	
13,740.00	6,142.54	13,844.20	6,204.70	212.30	212.30	-1.53	918.27	7,398.91	345.47	-72.03	417.49	0.827	Level 1	
13,770.00	6,142.29	13,874.20	6,204.41	213.14	213.14	-1.53	919.12	7,428.90	345.46	-73.69	419.15	0.824	Level 1	
13,800.00	6,142.05	13,904.20	6,204.13	213.98	213.98	-1.53	919.97	7,458.89	345.45	-75.36	420.81	0.821	Level 1	
13,830.00	6,141.80	13,934.20	6,203.85	214.82	214.82	-1.53	920.83	7,488.87	345.44	-77.03	422.47	0.818	Level 1	
13,860.00	6,141.55	13,964.20	6,203.56	215.66	215.66	-1.53	921.68	7,518.86	345.44	-78.69	424.13	0.814	Level 1	
13,890.00	6,141.31	13,994.20	6,203.28	216.50	216.49	-1.53	922.53	7,548.85	345.43	-80.36	425.79	0.811	Level 1	
13,920.00	6,141.06	14,024.20	6,203.00	217.33	217.33	-1.53	923.39	7,578.83	345.42	-82.03	427.45	0.808	Level 1	
13,950.00	6,140.81	14,054.20	6,202.71	218.17	218.17	-1.53	924.24	7,608.82	345.42	-83.69	429.11	0.805	Level 1	
13,980.00	6,140.57	14,084.20	6,202.43	219.01	219.01	-1.53	925.10	7,638.81	345.41	-85.36	430.77	0.802	Level 1	
14,010.00	6,140.32	14,114.20	6,202.15	219.85	219.85	-1.53	925.95	7,668.79	345.40	-87.03	432.43	0.799	Level 1	
14,040.00	6,140.07	14,144.20	6,201.86	220.69	220.69	-1.53	926.80	7,698.78	345.40	-88.69	434.09	0.796	Level 1	
14,070.00	6,139.83	14,174.20	6,201.58	221.53	221.53	-1.53	927.66	7,728.76	345.39	-90.36	435.75	0.793	Level 1	
14,100.00	6,139.58	14,204.20	6,201.30	222.37	222.36	-1.53	928.51	7,758.75	345.38	-92.03	437.41	0.790	Level 1	
14,130.00	6,139.33	14,234.20	6,201.01	223.21	223.20	-1.53	929.36	7,788.74	345.38	-93.70	439.07	0.787	Level 1	
14,160.00	6,139.09	14,264.20	6,200.73	224.05	224.04	-1.53	930.22	7,818.72	345.37	-95.37	440.73	0.784	Level 1	
14,190.00	6,138.84	14,294.20	6,200.44	224.89	224.88	-1.53	931.07	7,848.71	345.36	-97.03	442.39	0.781	Level 1	
14,220.00	6,138.60	14,324.20	6,200.16	225.73	225.72	-1.53	931.93	7,878.70	345.36	-98.70	444.06	0.778	Level 1	
14,250.00	6,138.35	14,354.20	6,199.88	226.56	226.56	-1.53	932.78	7,908.68	345.35	-100.37	445.72	0.775	Level 1	
14,280.00	6,138.10	14,384.20	6,199.59	227.40	227.40	-1.53	933.63	7,938.67	345.34	-102.04	447.38	0.772	Level 1	
14,310.00	6,137.86	14,414.20	6,199.31	228.24	228.24	-1.53	934.49	7,968.66	345.33	-103.70	449.04	0.769	Level 1	
14,340.00	6,137.61	14,444.20	6,199.03	229.08	229.07	-1.53	935.34	7,998.64	345.33	-105.37	450.70	0.766	Level 1	
14,370.00	6,137.36	14,474.20	6,198.74	229.92	229.91	-1.53	936.19	8,028.63	345.32	-107.04	452.36	0.763	Level 1	
14,400.00	6,137.12	14,504.20	6,198.46	230.76	230.75	-1.53	937.05	8,058.62	345.31	-108.71	454.02	0.761	Level 1	
14,430.00	6,136.87	14,534.20	6,198.18	231.60	231.59	-1.53	937.90	8,088.60	345.31	-110.38	455.68	0.758	Level 1	
14,460.00	6,136.62	14,564.20	6,197.89	232.44	232.43	-1.53	938.76	8,118.59	345.30	-112.05	457.35	0.755	Level 1	
14,490.00	6,136.38	14,594.20	6,197.61	233.28	233.27	-1.53	939.61	8,148.58	345.29	-113.71	459.01	0.752	Level 1	

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Bill Barrett Corp.	<b>Local Co-ordinate Reference:</b>	Well Anschutz State 5-62-26-1609BH2
<b>Project:</b>	Weld Co., CO	<b>TVD Reference:</b>	WELL @ 4656.00usft (Original Well Elev)
<b>Reference Site:</b>	Sec.26-T5N-R62W	<b>MD Reference:</b>	WELL @ 4656.00usft (Original Well Elev)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Anschutz State 5-62-26-1609BH2	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDMDBBW
<b>Reference Design:</b>	Design #2	<b>Offset TVD Reference:</b>	Reference Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 0-MWD													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Azimuth from North (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
14,520.00	6,136.13	14,624.20	6,197.33	234.12	234.11	-1.53	940.46	8,178.56	345.29	-115.38	460.67	0.750	Level 1	
14,550.00	6,135.88	14,654.20	6,197.04	234.96	234.95	-1.53	941.32	8,208.55	345.28	-117.05	462.33	0.747	Level 1	
14,580.00	6,135.64	14,684.20	6,196.76	235.80	235.79	-1.53	942.17	8,238.53	345.27	-118.72	463.99	0.744	Level 1	
14,610.00	6,135.39	14,714.20	6,196.47	236.64	236.62	-1.53	943.02	8,268.52	345.27	-120.39	465.66	0.741	Level 1	
14,640.00	6,135.14	14,744.20	6,196.19	237.47	237.46	-1.53	943.88	8,298.51	345.26	-122.06	467.32	0.739	Level 1	
14,670.00	6,134.90	14,774.20	6,195.91	238.31	238.30	-1.53	944.73	8,328.49	345.25	-123.73	468.98	0.736	Level 1	
14,700.00	6,134.65	14,804.20	6,195.62	239.15	239.14	-1.53	945.59	8,358.48	345.25	-125.40	470.64	0.734	Level 1	
14,730.00	6,134.40	14,834.20	6,195.34	239.99	239.98	-1.53	946.44	8,388.47	345.24	-127.07	472.30	0.731	Level 1	
14,760.00	6,134.16	14,864.20	6,195.06	240.83	240.82	-1.53	947.29	8,418.45	345.23	-128.73	473.97	0.728	Level 1	
14,790.00	6,133.91	14,894.20	6,194.77	241.67	241.66	-1.53	948.15	8,448.44	345.23	-130.40	475.63	0.726	Level 1	
14,820.00	6,133.66	14,924.20	6,194.49	242.51	242.50	-1.53	949.00	8,478.43	345.22	-132.07	477.29	0.723	Level 1	
14,850.00	6,133.42	14,954.20	6,194.21	243.35	243.34	-1.53	949.85	8,508.41	345.21	-133.74	478.95	0.721	Level 1	
14,880.00	6,133.17	14,984.20	6,193.92	244.19	244.18	-1.53	950.71	8,538.40	345.21	-135.41	480.62	0.718	Level 1	
14,910.00	6,132.92	15,014.20	6,193.64	245.03	245.01	-1.53	951.56	8,568.39	345.20	-137.08	482.28	0.716	Level 1	
14,940.00	6,132.68	15,044.20	6,193.36	245.87	245.85	-1.53	952.42	8,598.37	345.19	-138.75	483.94	0.713	Level 1	
14,970.00	6,132.43	15,074.20	6,193.07	246.71	246.69	-1.53	953.27	8,628.36	345.18	-140.42	485.61	0.711	Level 1	
15,000.00	6,132.18	15,104.20	6,192.79	247.55	247.53	-1.53	954.12	8,658.35	345.18	-142.09	487.27	0.708	Level 1	
15,030.00	6,131.94	15,134.20	6,192.50	248.39	248.37	-1.53	954.98	8,688.33	345.17	-143.76	488.93	0.706	Level 1	
15,060.00	6,131.69	15,164.20	6,192.22	249.23	249.21	-1.53	955.83	8,718.32	345.16	-145.43	490.59	0.704	Level 1	
15,090.00	6,131.44	15,194.20	6,191.94	250.07	250.05	-1.53	956.68	8,748.31	345.16	-147.10	492.26	0.701	Level 1	
15,120.00	6,131.20	15,224.20	6,191.65	250.91	250.89	-1.53	957.54	8,778.29	345.15	-148.77	493.92	0.699	Level 1	
15,150.00	6,130.95	15,254.20	6,191.37	251.75	251.73	-1.53	958.39	8,808.28	345.14	-150.44	495.58	0.696	Level 1	
15,180.00	6,130.71	15,284.20	6,191.09	252.58	252.57	-1.53	959.25	8,838.26	345.14	-152.11	497.25	0.694	Level 1	
15,210.00	6,130.46	15,314.20	6,190.80	253.42	253.41	-1.53	960.10	8,868.25	345.13	-153.78	498.91	0.692	Level 1	
15,240.00	6,130.21	15,344.20	6,190.52	254.26	254.25	-1.53	960.95	8,898.24	345.12	-155.45	500.57	0.689	Level 1	
15,270.00	6,129.97	15,374.20	6,190.24	255.10	255.08	-1.53	961.81	8,928.22	345.12	-157.12	502.24	0.687	Level 1	
15,300.00	6,129.72	15,404.20	6,189.95	255.94	255.92	-1.53	962.66	8,958.21	345.11	-158.79	503.90	0.685	Level 1	
15,330.00	6,129.47	15,434.20	6,189.67	256.78	256.76	-1.53	963.51	8,988.20	345.10	-160.46	505.57	0.683	Level 1	
15,360.00	6,129.23	15,464.20	6,189.39	257.62	257.60	-1.53	964.37	9,018.18	345.10	-162.13	507.23	0.680	Level 1	
15,390.00	6,128.98	15,494.20	6,189.10	258.46	258.44	-1.54	965.22	9,048.17	345.09	-163.80	508.89	0.678	Level 1	
15,420.00	6,128.73	15,524.20	6,188.82	259.30	259.28	-1.54	966.08	9,078.16	345.08	-165.47	510.56	0.676	Level 1	
15,450.00	6,128.49	15,554.20	6,188.53	260.14	260.12	-1.54	966.93	9,108.14	345.08	-167.14	512.22	0.674	Level 1	
15,480.00	6,128.24	15,584.20	6,188.25	260.98	260.96	-1.54	967.78	9,138.13	345.07	-168.82	513.89	0.671	Level 1	
15,510.00	6,127.99	15,614.20	6,187.97	261.82	261.80	-1.54	968.64	9,168.12	345.06	-170.49	515.55	0.669	Level 1	
15,540.00	6,127.75	15,644.20	6,187.68	262.66	262.64	-1.54	969.49	9,198.10	345.06	-172.16	517.21	0.667	Level 1	
15,570.00	6,127.50	15,674.20	6,187.40	263.50	263.48	-1.54	970.34	9,228.09	345.05	-173.83	518.88	0.665	Level 1	
15,600.00	6,127.25	15,704.20	6,187.12	264.34	264.32	-1.54	971.20	9,258.08	345.04	-175.50	520.54	0.663	Level 1	
15,630.00	6,127.01	15,734.20	6,186.83	265.18	265.16	-1.54	972.05	9,288.06	345.04	-177.17	522.21	0.661	Level 1	
15,660.00	6,126.76	15,764.20	6,186.55	266.02	266.00	-1.54	972.91	9,318.05	345.03	-178.84	523.87	0.659	Level 1	
15,690.00	6,126.51	15,794.20	6,186.27	266.86	266.84	-1.54	973.76	9,348.03	345.02	-180.51	525.54	0.657	Level 1	
15,720.00	6,126.27	15,824.20	6,185.98	267.70	267.67	-1.54	974.61	9,378.02	345.02	-182.18	527.20	0.654	Level 1	
15,750.00	6,126.02	15,854.20	6,185.70	268.54	268.51	-1.54	975.47	9,408.01	345.01	-183.86	528.87	0.652	Level 1	
15,780.00	6,125.77	15,884.20	6,185.42	269.38	269.35	-1.54	976.32	9,437.99	345.00	-185.53	530.53	0.650	Level 1	
15,810.00	6,125.53	15,914.20	6,185.13	270.22	270.19	-1.54	977.17	9,467.98	345.00	-187.20	532.20	0.648	Level 1	
15,840.00	6,125.28	15,944.20	6,184.85	271.06	271.03	-1.54	978.03	9,497.97	344.99	-188.87	533.86	0.646	Level 1	
15,870.00	6,125.03	15,974.20	6,184.56	271.90	271.87	-1.54	978.88	9,527.95	344.98	-190.54	535.53	0.644	Level 1	
15,900.00	6,124.79	16,004.20	6,184.28	272.74	272.71	-1.54	979.74	9,557.94	344.98	-192.21	537.19	0.642	Level 1	
15,930.00	6,124.54	16,034.20	6,184.00	273.58	273.55	-1.54	980.59	9,587.93	344.97	-193.89	538.86	0.640	Level 1	
15,960.00	6,124.29	16,064.20	6,183.71	274.42	274.39	-1.54	981.44	9,617.91	344.96	-195.56	540.52	0.638	Level 1	
15,990.00	6,124.05	16,094.20	6,183.43	275.26	275.23	-1.54	982.30	9,647.90	344.96	-197.23	542.19	0.636	Level 1	
16,020.00	6,123.80	16,124.20	6,183.15	276.09	276.07	-1.54	983.15	9,677.89	344.95	-198.90	543.85	0.634	Level 1	
16,050.00	6,123.55	16,154.20	6,182.86	276.93	276.91	-1.54	984.00	9,707.87	344.94	-200.57	545.52	0.632	Level 1	

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Bill Barrett Corp.	<b>Local Co-ordinate Reference:</b>	Well Anschutz State 5-62-26-1609BH2
<b>Project:</b>	Weld Co., CO	<b>TVD Reference:</b>	WELL @ 4656.00usft (Original Well Elev)
<b>Reference Site:</b>	Sec.26-T5N-R62W	<b>MD Reference:</b>	WELL @ 4656.00usft (Original Well Elev)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Anschutz State 5-62-26-1609BH2	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDMDBBW
<b>Reference Design:</b>	Design #2	<b>Offset TVD Reference:</b>	Reference Datum

<b>Offset Design</b> Sec.26-T5N-R62W - Anschutz State 5-62-26-0108CH2 - Wellbore #1 - Design #2												<b>Offset Site Error:</b>	0.00 usft
Survey Program: 0-MWD												<b>Offset Well Error:</b>	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Azimuth from North (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
16,080.00	6,123.31	16,184.20	6,182.58	277.77	277.75	-1.54	984.86	9,737.86	344.94	-202.25	547.18	0.630	Level 1
16,110.00	6,123.06	16,214.20	6,182.30	278.61	278.59	-1.54	985.71	9,767.85	344.93	-203.92	548.85	0.628	Level 1
16,140.00	6,122.82	16,244.20	6,182.01	279.45	279.43	-1.54	986.57	9,797.83	344.92	-205.59	550.51	0.627	Level 1
16,170.00	6,122.57	16,274.20	6,181.73	280.29	280.27	-1.54	987.42	9,827.82	344.92	-207.26	552.18	0.625	Level 1
16,200.00	6,122.32	16,304.20	6,181.45	281.13	281.11	-1.54	988.27	9,857.81	344.91	-208.93	553.84	0.623	Level 1
16,230.00	6,122.08	16,334.20	6,181.16	281.97	281.95	-1.54	989.13	9,887.79	344.90	-210.61	555.51	0.621	Level 1
16,239.34	6,122.00	16,343.54	6,181.07	282.24	282.21	-1.54	989.39	9,897.13	344.90	-211.13	556.03	0.620	Level 1, ES, SF



<b>Company:</b>	Bill Barrett Corp.	<b>Local Co-ordinate Reference:</b>	Well Anschutz State 5-62-26-1609BH2
<b>Project:</b>	Weld Co., CO	<b>TVD Reference:</b>	WELL @ 4656.00usft (Original Well Elev)
<b>Reference Site:</b>	Sec.26-T5N-R62W	<b>MD Reference:</b>	WELL @ 4656.00usft (Original Well Elev)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Anschutz State 5-62-26-1609BH2	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDMDBBW
<b>Reference Design:</b>	Design #2	<b>Offset TVD Reference:</b>	Reference Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 0-MWD													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Azimuth from North (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
0.00	0.00	0.00	0.00	0.00	0.00	178.38	-29.51	0.84	29.52					
30.00	30.00	30.00	30.00	0.02	0.03	178.38	-29.51	0.84	29.52	29.48	0.04	670.077		
60.00	60.00	60.00	60.00	0.05	0.06	178.38	-29.51	0.84	29.52	29.41	0.11	278.252		
90.00	90.00	90.00	90.00	0.08	0.08	178.38	-29.51	0.84	29.52	29.35	0.17	175.582		
120.00	120.00	120.00	120.00	0.14	0.14	178.38	-29.51	0.84	29.52	29.24	0.28	105.915		
150.00	150.00	150.00	150.00	0.21	0.21	178.38	-29.51	0.84	29.52	29.11	0.41	71.378		
180.00	180.00	180.00	180.00	0.27	0.27	178.38	-29.51	0.84	29.52	28.97	0.55	53.826		
210.00	210.00	210.00	210.00	0.34	0.34	178.38	-29.51	0.84	29.52	28.84	0.68	43.202		
240.00	240.00	240.00	240.00	0.41	0.41	178.38	-29.51	0.84	29.52	28.70	0.82	36.081		
270.00	270.00	270.00	270.00	0.48	0.48	178.38	-29.51	0.84	29.52	28.57	0.95	30.975		
300.00	300.00	300.00	300.00	0.54	0.54	178.38	-29.51	0.84	29.52	28.43	1.09	27.135		
330.00	330.00	330.00	330.00	0.61	0.61	178.38	-29.51	0.84	29.52	28.30	1.22	24.143		
360.00	360.00	360.00	360.00	0.68	0.68	178.38	-29.51	0.84	29.52	28.16	1.36	21.744		
390.00	390.00	390.00	390.00	0.75	0.75	178.38	-29.51	0.84	29.52	28.03	1.49	19.779		
420.00	420.00	420.00	420.00	0.81	0.81	178.38	-29.51	0.84	29.52	27.89	1.63	18.140		
450.00	450.00	450.00	450.00	0.88	0.88	178.38	-29.51	0.84	29.52	27.76	1.76	16.752		
480.00	480.00	480.00	480.00	0.95	0.95	178.38	-29.51	0.84	29.52	27.62	1.90	15.561		
510.00	510.00	510.00	510.00	1.02	1.02	178.38	-29.51	0.84	29.52	27.49	2.03	14.528		
540.00	540.00	540.00	540.00	1.08	1.08	178.38	-29.51	0.84	29.52	27.35	2.17	13.624		
570.00	570.00	570.00	570.00	1.15	1.15	178.38	-29.51	0.84	29.52	27.22	2.30	12.826		
600.00	600.00	600.00	600.00	1.22	1.22	178.38	-29.51	0.84	29.52	27.08	2.44	12.116		
630.00	630.00	630.00	630.00	1.29	1.29	178.38	-29.51	0.84	29.52	26.95	2.57	11.480		
660.00	660.00	660.00	660.00	1.35	1.35	178.38	-29.51	0.84	29.52	26.81	2.71	10.908		
690.00	690.00	690.00	690.00	1.42	1.42	178.38	-29.51	0.84	29.52	26.68	2.84	10.390		
720.00	720.00	720.00	720.00	1.49	1.49	178.38	-29.51	0.84	29.52	26.54	2.98	9.920		
750.00	750.00	750.00	750.00	1.56	1.56	178.38	-29.51	0.84	29.52	26.41	3.11	9.490		
780.00	780.00	780.00	780.00	1.62	1.62	178.38	-29.51	0.84	29.52	26.27	3.25	9.095		
810.00	810.00	810.00	810.00	1.69	1.69	178.38	-29.51	0.84	29.52	26.14	3.38	8.732		
840.00	840.00	840.00	840.00	1.76	1.76	178.38	-29.51	0.84	29.52	26.00	3.52	8.397		
870.00	870.00	870.00	870.00	1.83	1.83	178.38	-29.51	0.84	29.52	25.87	3.65	8.087		
900.00	900.00	900.00	900.00	1.89	1.89	178.38	-29.51	0.84	29.52	25.73	3.79	7.799 CC, ES		
930.00	930.00	929.80	929.80	1.96	1.95	178.42	-29.61	0.72	29.74	25.83	3.91	7.603		
960.00	960.00	959.59	959.59	2.03	2.01	178.53	-29.92	0.37	30.41	26.37	4.04	7.529		
990.00	989.99	989.36	989.35	2.09	2.07	178.71	-30.43	-0.20	31.53	27.36	4.17	7.567		
1,020.00	1,019.96	1,019.10	1,019.07	2.16	2.13	178.94	-31.15	-1.01	33.09	28.80	4.29	7.711		
1,050.00	1,049.93	1,048.80	1,048.74	2.23	2.19	179.20	-32.08	-2.05	35.09	30.68	4.41	7.950		
1,080.00	1,079.88	1,078.46	1,078.34	2.29	2.24	179.47	-33.20	-3.31	37.55	33.01	4.54	8.274		
1,110.00	1,109.81	1,108.05	1,107.87	2.36	2.30	179.75	-34.53	-4.80	40.44	35.78	4.66	8.674		
1,140.00	1,139.72	1,137.57	1,137.30	2.43	2.36	-179.98	-36.06	-6.52	43.78	38.99	4.79	9.137		
1,170.00	1,169.60	1,167.02	1,166.63	2.50	2.42	-179.73	-37.78	-8.45	47.57	42.64	4.92	9.667		
1,200.00	1,199.45	1,196.47	1,195.94	2.57	2.48	-179.51	-39.70	-10.60	51.78	46.73	5.05	10.252		
1,230.00	1,229.27	1,226.13	1,225.45	2.64	2.55	-179.44	-41.68	-12.83	56.29	51.10	5.18	10.858		
1,260.00	1,259.06	1,255.76	1,254.93	2.72	2.61	-179.53	-43.67	-15.06	60.96	55.64	5.32	11.463		
1,290.00	1,288.86	1,285.40	1,284.42	2.79	2.68	-179.60	-45.65	-17.29	65.64	60.18	5.45	12.039		
1,320.00	1,318.65	1,315.03	1,313.90	2.87	2.75	-179.67	-47.64	-19.52	70.31	64.72	5.59	12.582		
1,350.00	1,348.44	1,344.66	1,343.38	2.95	2.82	-179.72	-49.62	-21.74	74.99	69.26	5.73	13.095		
1,380.00	1,378.24	1,374.29	1,372.86	3.03	2.89	-179.78	-51.61	-23.97	79.66	73.80	5.86	13.583		
1,410.00	1,408.03	1,403.93	1,402.35	3.10	2.96	-179.82	-53.59	-26.20	84.34	78.34	6.00	14.047		
1,440.00	1,437.82	1,433.56	1,431.83	3.19	3.03	-179.86	-55.57	-28.43	89.02	82.87	6.15	14.484		
1,470.00	1,467.62	1,463.19	1,461.31	3.27	3.11	-179.90	-57.56	-30.66	93.69	87.41	6.29	14.900		
1,500.00	1,497.41	1,492.83	1,490.79	3.35	3.18	-179.93	-59.54	-32.89	98.37	91.94	6.43	15.298		
1,530.00	1,527.20	1,522.46	1,520.28	3.43	3.25	-179.96	-61.53	-35.11	103.05	96.47	6.57	15.673		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



<b>Company:</b>	Bill Barrett Corp.	<b>Local Co-ordinate Reference:</b>	Well Anschutz State 5-62-26-1609BH2
<b>Project:</b>	Weld Co., CO	<b>TVD Reference:</b>	WELL @ 4656.00usft (Original Well Elev)
<b>Reference Site:</b>	Sec.26-T5N-R62W	<b>MD Reference:</b>	WELL @ 4656.00usft (Original Well Elev)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Anschutz State 5-62-26-1609BH2	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDMDBBW
<b>Reference Design:</b>	Design #2	<b>Offset TVD Reference:</b>	Reference Datum

Offset Design												Sec.26-T5N-R62W - Anschutz State 5-62-26-1724BH2 - Wellbore #1 - Design #2		Offset Site Error:		0.00 usft	
Survey Program: 0-MWD														Offset Well Error:		0.00 usft	
Reference		Offset		Semi Major Axis			Distance							Warning			
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Azimuth from North (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor					
1,560.00	1,557.00	1,552.09	1,549.76	3.51	3.33	-179.99	-63.51	-37.34	107.72	101.00	6.72	16.031					
1,590.00	1,586.79	1,581.73	1,579.24	3.60	3.41	179.99	-65.50	-39.57	112.40	105.53	6.86	16.373					
1,620.00	1,616.58	1,611.36	1,608.72	3.68	3.48	179.97	-67.48	-41.80	117.08	110.06	7.01	16.698					
1,650.00	1,646.37	1,640.99	1,638.21	3.76	3.56	179.94	-69.47	-44.03	121.75	114.59	7.16	17.007					
1,680.00	1,676.17	1,670.63	1,667.69	3.85	3.64	179.92	-71.45	-46.26	126.43	119.12	7.31	17.305					
1,710.00	1,705.96	1,700.26	1,697.17	3.93	3.72	179.91	-73.44	-48.48	131.11	123.65	7.45	17.590					
1,740.00	1,735.75	1,729.89	1,726.65	4.02	3.80	179.89	-75.42	-50.71	135.78	128.18	7.60	17.861					
1,770.00	1,765.55	1,759.53	1,756.14	4.11	3.88	179.87	-77.41	-52.94	140.46	132.71	7.75	18.121					
1,800.00	1,795.34	1,789.16	1,785.62	4.19	3.96	179.86	-79.39	-55.17	145.14	137.23	7.90	18.368					
1,830.00	1,825.13	1,818.79	1,815.10	4.28	4.04	179.84	-81.38	-57.40	149.81	141.76	8.05	18.605					
1,860.00	1,854.93	1,848.43	1,844.58	4.37	4.12	179.83	-83.36	-59.62	154.49	146.29	8.20	18.833					
1,890.00	1,884.72	1,878.06	1,874.07	4.45	4.20	179.82	-85.35	-61.85	159.17	150.81	8.35	19.052					
1,920.00	1,914.51	1,907.69	1,903.55	4.54	4.28	179.81	-87.33	-64.08	163.84	155.34	8.51	19.263					
1,950.00	1,944.31	1,937.33	1,933.03	4.63	4.36	179.80	-89.31	-66.31	168.52	159.86	8.66	19.465					
1,980.00	1,974.10	1,966.96	1,962.51	4.72	4.44	179.79	-91.30	-68.54	173.20	164.39	8.81	19.659					
2,010.00	2,003.89	1,996.59	1,992.00	4.80	4.52	179.78	-93.28	-70.77	177.87	168.91	8.96	19.847					
2,040.00	2,033.69	2,026.23	2,021.48	4.89	4.60	179.77	-95.27	-72.99	182.55	173.43	9.12	20.026					
2,070.00	2,063.48	2,055.86	2,050.96	4.98	4.69	179.76	-97.25	-75.22	187.23	177.96	9.27	20.199					
2,100.00	2,093.27	2,085.49	2,080.45	5.07	4.77	179.75	-99.24	-77.45	191.90	182.48	9.42	20.367					
2,130.00	2,123.06	2,115.13	2,109.93	5.16	4.85	179.74	-101.22	-79.68	196.58	187.00	9.58	20.527					
2,160.00	2,152.86	2,144.76	2,139.41	5.25	4.94	179.73	-103.21	-81.91	201.26	191.53	9.73	20.682					
2,190.00	2,182.65	2,174.39	2,168.89	5.34	5.02	179.73	-105.19	-84.13	205.93	196.05	9.89	20.833					
2,220.00	2,212.44	2,204.02	2,198.38	5.43	5.10	179.72	-107.18	-86.36	210.61	200.57	10.04	20.978					
2,250.00	2,242.24	2,233.66	2,227.86	5.52	5.19	179.71	-109.16	-88.59	215.29	205.09	10.19	21.117					
2,280.00	2,272.03	2,263.29	2,257.34	5.61	5.27	179.71	-111.15	-90.82	219.96	209.61	10.35	21.253					
2,310.00	2,301.82	2,292.92	2,286.82	5.70	5.35	179.70	-113.13	-93.05	224.64	214.14	10.51	21.384					
2,340.00	2,331.62	2,322.56	2,316.31	5.79	5.44	179.69	-115.12	-95.28	229.32	218.66	10.66	21.510					
2,370.00	2,361.41	2,352.19	2,345.79	5.88	5.52	179.69	-117.10	-97.50	233.99	223.18	10.82	21.633					
2,400.00	2,391.20	2,381.82	2,375.27	5.97	5.61	179.68	-119.09	-99.73	238.67	227.70	10.97	21.752					
2,430.00	2,421.00	2,411.46	2,404.75	6.06	5.69	179.68	-121.07	-101.96	243.35	232.22	11.13	21.867					
2,460.00	2,450.79	2,441.09	2,434.24	6.15	5.78	179.67	-123.05	-104.19	248.02	236.74	11.29	21.978					
2,490.00	2,480.58	2,470.72	2,463.72	6.24	5.86	179.67	-125.04	-106.42	252.70	241.26	11.44	22.086					
2,520.00	2,510.37	2,500.36	2,493.20	6.33	5.95	179.66	-127.02	-108.65	257.38	245.78	11.60	22.192					
2,550.00	2,540.17	2,529.99	2,522.68	6.42	6.03	179.66	-129.01	-110.87	262.06	250.30	11.75	22.293					
2,580.00	2,569.96	2,559.62	2,552.17	6.51	6.12	179.65	-130.99	-113.10	266.73	254.82	11.91	22.392					
2,610.00	2,599.75	2,589.26	2,581.65	6.60	6.20	179.65	-132.98	-115.33	271.41	259.34	12.07	22.488					
2,640.00	2,629.55	2,618.89	2,611.13	6.69	6.29	179.65	-134.96	-117.56	276.09	263.86	12.23	22.582					
2,670.00	2,659.34	2,648.52	2,640.61	6.78	6.37	179.64	-136.95	-119.79	280.76	268.38	12.38	22.672					
2,700.00	2,689.13	2,678.16	2,670.10	6.87	6.46	179.64	-138.93	-122.01	285.44	272.90	12.54	22.761					
2,730.00	2,718.93	2,707.79	2,699.58	6.96	6.54	179.64	-140.92	-124.24	290.12	277.42	12.70	22.847					
2,760.00	2,748.72	2,737.42	2,729.06	7.06	6.63	179.63	-142.90	-126.47	294.79	281.94	12.86	22.930					
2,790.00	2,778.51	2,767.06	2,758.54	7.15	6.71	179.63	-144.89	-128.70	299.47	286.46	13.01	23.011					
2,820.00	2,808.31	2,796.69	2,788.03	7.24	6.80	179.63	-146.87	-130.93	304.15	290.97	13.17	23.091					
2,850.00	2,838.10	2,826.32	2,817.51	7.33	6.89	179.62	-148.86	-133.16	308.82	295.49	13.33	23.168					
2,880.00	2,867.89	2,855.96	2,846.99	7.42	6.97	179.62	-150.84	-135.38	313.50	300.01	13.49	23.243					
2,910.00	2,897.69	2,885.59	2,876.48	7.51	7.06	179.62	-152.83	-137.61	318.18	304.53	13.65	23.316					
2,940.00	2,927.48	2,915.22	2,905.96	7.60	7.14	179.61	-154.81	-139.84	322.85	309.05	13.80	23.387					
2,970.00	2,957.27	2,944.85	2,935.44	7.70	7.23	179.61	-156.79	-142.07	327.53	313.57	13.96	23.457					
3,000.00	2,987.06	2,974.49	2,964.92	7.79	7.32	179.61	-158.78	-144.30	332.21	318.09	14.12	23.525					
3,030.00	3,016.86	3,004.12	2,994.41	7.88	7.40	179.60	-160.76	-146.53	336.88	322.60	14.28	23.591					
3,060.00	3,046.65	3,033.75	3,023.89	7.97	7.49	179.60	-162.75	-148.75	341.56	327.12	14.44	23.656					
3,090.00	3,076.44	3,063.39	3,053.37	8.06	7.58	179.60	-164.73	-150.98	346.24	331.64	14.60	23.719					

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Bill Barrett Corp.	<b>Local Co-ordinate Reference:</b>	Well Anschutz State 5-62-26-1609BH2
<b>Project:</b>	Weld Co., CO	<b>TVD Reference:</b>	WELL @ 4656.00usft (Original Well Elev)
<b>Reference Site:</b>	Sec.26-T5N-R62W	<b>MD Reference:</b>	WELL @ 4656.00usft (Original Well Elev)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Anschutz State 5-62-26-1609BH2	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDMDBBW
<b>Reference Design:</b>	Design #2	<b>Offset TVD Reference:</b>	Reference Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 0-MWD													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Azimuth from North (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
3,120.00	3,106.24	3,093.02	3,082.85	8.16	7.66	179.60	-166.72	-153.21	350.91	336.16	14.76	23.781		
3,150.00	3,136.03	3,122.65	3,112.34	8.25	7.75	179.59	-168.70	-155.44	355.59	340.68	14.92	23.841		
3,180.00	3,165.82	3,152.29	3,141.82	8.34	7.84	179.59	-170.69	-157.67	360.27	345.19	15.07	23.900		
3,210.00	3,195.62	3,181.92	3,171.30	8.43	7.92	179.59	-172.67	-159.89	364.94	349.71	15.23	23.957		
3,240.00	3,225.41	3,211.55	3,200.78	8.52	8.01	179.59	-174.66	-162.12	369.62	354.23	15.39	24.013		
3,270.00	3,255.20	3,241.19	3,230.27	8.62	8.10	179.59	-176.64	-164.35	374.30	358.75	15.55	24.068		
3,300.00	3,285.00	3,270.82	3,259.75	8.71	8.18	179.58	-178.63	-166.58	378.98	363.26	15.71	24.122		
3,330.00	3,314.79	3,300.45	3,289.23	8.80	8.27	179.58	-180.61	-168.81	383.65	367.78	15.87	24.175		
3,360.00	3,344.58	3,330.09	3,318.71	8.89	8.36	179.58	-182.60	-171.04	388.33	372.30	16.03	24.226		
3,390.00	3,374.37	3,359.72	3,348.20	8.98	8.44	179.58	-184.58	-173.26	393.01	376.82	16.19	24.276		
3,420.00	3,404.17	3,389.35	3,377.68	9.08	8.53	179.58	-186.57	-175.49	397.68	381.33	16.35	24.326		
3,450.00	3,433.96	3,418.99	3,407.16	9.17	8.62	179.57	-188.55	-177.72	402.36	385.85	16.51	24.374		
3,480.00	3,463.75	3,448.62	3,436.64	9.26	8.70	179.57	-190.53	-179.95	407.04	390.37	16.67	24.421		
3,510.00	3,493.55	3,478.25	3,466.13	9.35	8.79	179.57	-192.52	-182.18	411.71	394.89	16.83	24.467		
3,540.00	3,523.34	3,507.89	3,495.61	9.45	8.88	179.57	-194.50	-184.40	416.39	399.40	16.99	24.513		
3,570.00	3,553.13	3,537.52	3,525.09	9.54	8.97	179.57	-196.49	-186.63	421.07	403.92	17.15	24.557		
3,600.00	3,582.93	3,567.15	3,554.57	9.63	9.05	179.56	-198.47	-188.86	425.74	408.44	17.31	24.600		
3,630.00	3,612.72	3,596.79	3,584.06	9.72	9.14	179.56	-200.46	-191.09	430.42	412.95	17.47	24.643		
3,660.00	3,642.51	3,626.42	3,613.54	9.82	9.23	179.56	-202.44	-193.32	435.10	417.47	17.63	24.685		
3,690.00	3,672.31	3,656.05	3,643.02	9.91	9.31	179.56	-204.43	-195.55	439.77	421.99	17.79	24.726		
3,720.00	3,702.10	3,685.69	3,672.51	10.00	9.40	179.56	-206.41	-197.77	444.45	426.50	17.95	24.766		
3,750.00	3,731.89	3,715.32	3,701.99	10.09	9.49	179.56	-208.40	-200.00	449.13	431.02	18.11	24.806		
3,780.00	3,761.68	3,744.95	3,731.47	10.19	9.58	179.55	-210.38	-202.23	453.80	435.54	18.27	24.844		
3,810.00	3,791.48	3,774.58	3,760.95	10.28	9.66	179.55	-212.37	-204.46	458.48	440.06	18.43	24.882		
3,840.00	3,821.27	3,804.22	3,790.44	10.37	9.75	179.55	-214.35	-206.69	463.16	444.57	18.59	24.919		
3,870.00	3,851.06	3,833.85	3,819.92	10.47	9.84	179.55	-216.34	-208.92	467.83	449.09	18.75	24.956		
3,900.00	3,880.86	3,863.48	3,849.40	10.56	9.93	179.55	-218.32	-211.14	472.51	453.61	18.91	24.992		
3,930.00	3,910.65	3,893.12	3,878.88	10.65	10.01	179.55	-220.31	-213.37	477.19	458.12	19.07	25.027		
3,960.00	3,940.44	3,922.75	3,908.37	10.74	10.10	179.55	-222.29	-215.60	481.87	462.64	19.23	25.062		
3,990.00	3,970.24	3,952.38	3,937.85	10.84	10.19	179.55	-224.27	-217.83	486.54	467.15	19.39	25.096		
4,020.00	4,000.03	3,982.02	3,967.33	10.93	10.28	179.54	-226.26	-220.06	491.22	471.67	19.55	25.129		
4,050.00	4,029.82	4,011.65	3,996.81	11.02	10.36	179.54	-228.24	-222.28	495.90	476.19	19.71	25.162		
4,080.00	4,059.62	4,041.28	4,026.30	11.11	10.45	179.54	-230.23	-224.51	500.57	480.70	19.87	25.194		
4,110.00	4,089.41	4,070.92	4,055.78	11.21	10.54	179.54	-232.21	-226.74	505.25	485.22	20.03	25.226		
4,140.00	4,119.20	4,100.55	4,085.26	11.30	10.63	179.54	-234.20	-228.97	509.93	489.74	20.19	25.257		
4,170.00	4,149.00	4,130.18	4,114.74	11.39	10.71	179.54	-236.18	-231.20	514.60	494.25	20.35	25.288		
4,200.00	4,178.79	4,159.82	4,144.23	11.49	10.80	179.54	-238.17	-233.43	519.28	498.77	20.51	25.318		
4,230.00	4,208.58	4,189.45	4,173.71	11.58	10.89	179.54	-240.15	-235.65	523.96	503.29	20.67	25.347		
4,260.00	4,238.37	4,219.08	4,203.19	11.67	10.98	179.53	-242.14	-237.88	528.63	507.80	20.83	25.376		
4,290.00	4,268.17	4,248.72	4,232.67	11.76	11.06	179.53	-244.12	-240.11	533.31	512.32	20.99	25.405		
4,320.00	4,297.96	4,278.35	4,262.16	11.86	11.15	179.53	-246.11	-242.34	537.99	516.83	21.15	25.433		
4,350.00	4,327.75	4,307.98	4,291.64	11.95	11.24	179.53	-248.09	-244.57	542.66	521.35	21.31	25.461		
4,380.00	4,357.55	4,337.62	4,321.12	12.04	11.33	179.53	-250.08	-246.79	547.34	525.87	21.47	25.488		
4,410.00	4,387.34	4,367.25	4,350.60	12.14	11.42	179.53	-252.06	-249.02	552.02	530.38	21.64	25.515		
4,440.00	4,417.13	4,396.88	4,380.09	12.23	11.50	179.53	-254.05	-251.25	556.69	534.90	21.80	25.541		
4,470.00	4,446.93	4,426.52	4,409.57	12.32	11.59	179.53	-256.03	-253.48	561.37	539.41	21.96	25.567		
4,500.00	4,476.72	4,456.15	4,439.05	12.42	11.68	179.53	-258.02	-255.71	566.05	543.93	22.12	25.593		
4,530.00	4,506.51	4,485.78	4,468.54	12.51	11.77	179.53	-260.00	-257.94	570.72	548.45	22.28	25.618		
4,560.00	4,536.31	4,515.42	4,498.02	12.60	11.85	179.52	-261.98	-260.16	575.40	552.96	22.44	25.643		
4,590.00	4,566.10	4,545.05	4,527.50	12.69	11.94	179.52	-263.97	-262.39	580.08	557.48	22.60	25.667		
4,620.00	4,595.89	4,574.68	4,556.98	12.79	12.03	179.52	-265.95	-264.62	584.76	561.99	22.76	25.691		
4,650.00	4,625.68	4,604.31	4,586.47	12.88	12.12	179.52	-267.94	-266.85	589.43	566.51	22.92	25.715		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Bill Barrett Corp.	<b>Local Co-ordinate Reference:</b>	Well Anschutz State 5-62-26-1609BH2
<b>Project:</b>	Weld Co., CO	<b>TVD Reference:</b>	WELL @ 4656.00usft (Original Well Elev)
<b>Reference Site:</b>	Sec.26-T5N-R62W	<b>MD Reference:</b>	WELL @ 4656.00usft (Original Well Elev)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Anschutz State 5-62-26-1609BH2	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDMDBBW
<b>Reference Design:</b>	Design #2	<b>Offset TVD Reference:</b>	Reference Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 0-MWD													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Azimuth from North (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
4,680.00	4,655.48	4,633.95	4,615.95	12.97	12.21	179.52	-269.92	-269.08	594.11	571.03	23.08	25.738		
4,710.00	4,685.27	4,663.58	4,645.43	13.07	12.29	179.52	-271.91	-271.31	598.79	575.54	23.24	25.761		
4,740.00	4,715.06	4,693.21	4,674.91	13.16	12.38	179.52	-273.89	-273.53	603.46	580.06	23.40	25.784		
4,770.00	4,744.86	4,722.85	4,704.40	13.25	12.47	179.52	-275.85	-275.76	608.14	584.57	23.57	25.806		
4,800.00	4,774.65	4,752.48	4,733.88	13.35	12.56	179.52	-277.86	-277.99	612.82	589.09	23.73	25.828		
4,830.00	4,804.44	4,782.11	4,763.36	13.44	12.65	179.52	-279.85	-280.22	617.49	593.61	23.89	25.850		
4,860.00	4,834.24	4,811.75	4,792.84	13.53	12.73	179.52	-281.83	-282.45	622.17	598.12	24.05	25.871		
4,890.00	4,864.03	4,841.38	4,822.33	13.63	12.82	179.52	-283.82	-284.67	626.85	602.64	24.21	25.892		
4,920.00	4,893.82	4,871.01	4,851.81	13.72	12.91	179.52	-285.80	-286.90	631.52	607.15	24.37	25.913		
4,950.00	4,923.64	4,900.67	4,881.32	13.80	13.00	179.53	-287.79	-289.13	636.04	611.51	24.53	25.927		
4,980.00	4,953.49	4,930.36	4,910.86	13.87	13.09	179.56	-289.78	-291.37	640.32	615.63	24.69	25.933		
5,010.00	4,983.37	4,960.85	4,941.19	13.95	13.17	179.61	-291.81	-293.65	644.36	619.51	24.85	25.935		
5,040.00	5,013.28	4,995.85	4,976.04	14.01	13.26	179.69	-293.98	-296.08	648.01	623.02	24.99	25.930		
5,070.00	5,043.21	5,030.95	5,011.03	14.07	13.33	179.76	-295.86	-298.19	651.18	626.06	25.12	25.921		
5,100.00	5,073.15	5,066.15	5,046.14	14.13	13.40	179.82	-297.46	-299.99	653.87	628.62	25.25	25.896		
5,130.00	5,103.12	5,101.42	5,081.35	14.18	13.47	179.87	-298.78	-301.47	656.08	630.70	25.37	25.858		
5,160.00	5,133.10	5,136.74	5,116.64	14.23	13.53	179.91	-299.81	-302.63	657.80	632.31	25.49	25.808		
5,190.00	5,163.09	5,172.12	5,152.00	14.28	13.59	179.94	-300.55	-303.46	659.04	633.44	25.60	25.742		
5,220.00	5,193.08	5,207.52	5,187.40	14.33	13.65	179.95	-301.00	-303.96	659.79	634.08	25.71	25.660		
5,250.00	5,223.08	5,242.95	5,222.82	14.37	13.71	179.96	-301.16	-304.14	660.06	634.24	25.82	25.563		
5,280.00	5,253.08	5,273.21	5,253.08	14.42	13.76	179.96	-301.16	-304.14	660.06	634.11	25.95	25.434		
5,310.00	5,283.08	5,303.21	5,283.08	14.47	13.81	179.96	-301.16	-304.14	660.06	634.00	26.06	25.330		
5,340.00	5,313.08	5,333.21	5,313.08	14.52	13.86	179.96	-301.16	-304.14	660.06	633.89	26.17	25.227		
5,370.00	5,343.08	5,363.21	5,343.08	14.57	13.90	179.96	-301.16	-304.14	660.06	633.79	26.27	25.124		
5,400.00	5,373.08	5,393.21	5,373.08	14.63	13.95	179.96	-301.16	-304.14	660.06	633.68	26.38	25.022		
5,430.00	5,403.08	5,423.21	5,403.08	14.68	14.00	179.96	-301.16	-304.14	660.06	633.57	26.49	24.920		
5,460.00	5,433.08	5,453.21	5,433.08	14.73	14.05	179.96	-301.16	-304.14	660.06	633.46	26.60	24.818		
5,490.00	5,463.08	5,483.21	5,463.08	14.79	14.10	179.96	-301.16	-304.14	660.06	633.35	26.70	24.718		
5,520.00	5,493.08	5,513.21	5,493.08	14.84	14.14	179.96	-301.16	-304.14	660.06	633.25	26.81	24.618		
5,550.00	5,523.08	5,543.21	5,523.08	14.89	14.19	179.96	-301.16	-304.14	660.06	633.14	26.92	24.518		
5,580.00	5,553.08	5,573.21	5,553.08	14.95	14.24	179.96	-301.16	-304.14	660.06	633.03	27.03	24.420		
5,610.00	5,583.08	5,603.21	5,583.08	15.00	14.29	179.96	-301.16	-304.14	660.06	632.92	27.14	24.321		
5,640.00	5,613.08	5,633.21	5,613.08	15.06	14.34	179.96	-301.16	-304.14	660.06	632.81	27.25	24.224		
5,670.00	5,643.08	5,663.21	5,643.08	15.11	14.39	179.96	-301.16	-304.14	660.06	632.70	27.36	24.127		
5,700.00	5,673.08	5,693.21	5,673.08	15.16	14.44	179.96	-301.16	-304.14	660.06	632.59	27.47	24.030		
5,730.00	5,703.08	5,723.21	5,703.08	15.22	14.49	179.96	-301.16	-304.14	660.06	632.48	27.58	23.934		
5,760.00	5,733.08	5,753.55	5,733.42	15.27	14.54	179.96	-301.16	-304.06	660.06	632.36	27.70	23.826		
5,790.00	5,763.04	5,784.74	5,764.57	15.31	14.58	179.95	-301.11	-302.46	660.06	632.27	27.79	23.752		
5,820.00	5,792.85	5,815.92	5,795.53	15.34	14.60	179.92	-301.01	-298.84	660.05	632.20	27.85	23.699		
5,850.00	5,822.39	5,847.09	5,826.19	15.36	14.62	179.89	-300.85	-293.20	660.05	632.15	27.89	23.662		
5,880.00	5,851.54	5,878.25	5,856.39	15.38	14.63	179.84	-300.63	-285.59	660.04	632.12	27.92	23.642		
5,910.00	5,880.19	5,909.38	5,886.01	15.38	14.63	179.78	-300.36	-276.02	660.03	632.11	27.92	23.636		
5,940.00	5,908.22	5,940.49	5,914.92	15.38	14.63	179.71	-300.03	-264.56	660.02	632.10	27.92	23.639		
5,970.00	5,935.53	5,971.56	5,942.99	15.37	14.62	179.63	-299.66	-251.26	660.01	632.10	27.91	23.649		
6,000.00	5,962.01	6,002.59	5,970.11	15.36	14.60	179.55	-299.23	-236.18	660.00	632.10	27.89	23.660		
6,030.00	5,987.55	6,033.59	5,996.15	15.34	14.58	179.45	-298.75	-219.40	659.99	632.10	27.89	23.667		
6,060.00	6,012.06	6,064.54	6,021.02	15.32	14.57	179.36	-298.23	-200.98	659.97	632.08	27.89	23.664		
6,090.00	6,035.42	6,095.44	6,044.60	15.30	14.55	179.26	-297.66	-181.03	659.96	632.04	27.91	23.644		
6,120.00	6,057.57	6,126.29	6,066.81	15.28	14.53	179.15	-297.05	-159.64	659.94	631.98	27.96	23.599		
6,150.00	6,078.39	6,157.08	6,087.55	15.26	14.52	179.05	-296.41	-136.90	659.93	631.87	28.06	23.521		
6,180.00	6,097.82	6,187.82	6,106.75	15.23	14.52	178.95	-295.73	-112.92	659.92	631.72	28.20	23.403		
6,210.00	6,115.78	6,218.49	6,124.33	15.22	14.53	178.86	-295.01	-87.80	659.90	631.51	28.39	23.241		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Bill Barrett Corp.	<b>Local Co-ordinate Reference:</b>	Well Anschutz State 5-62-26-1609BH2
<b>Project:</b>	Weld Co., CO	<b>TVD Reference:</b>	WELL @ 4656.00usft (Original Well Elev)
<b>Reference Site:</b>	Sec.26-T5N-R62W	<b>MD Reference:</b>	WELL @ 4656.00usft (Original Well Elev)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Anschutz State 5-62-26-1609BH2	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDMDBBW
<b>Reference Design:</b>	Design #2	<b>Offset TVD Reference:</b>	Reference Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 0-MWD													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Azimuth from North (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
6,240.00	6,132.20	6,249.10	6,140.23	15.20	14.56	178.77	-294.27	-61.66	659.89	631.24	28.65	23.031		
6,270.00	6,147.00	6,279.64	6,154.40	15.20	14.61	178.68	-293.50	-34.62	659.88	630.90	28.98	22.768		
6,300.00	6,160.14	6,310.11	6,166.78	15.21	14.71	178.61	-292.71	-6.79	659.87	630.48	29.39	22.454		
6,330.00	6,171.56	6,340.51	6,177.34	15.27	14.87	178.54	-291.91	21.70	659.86	629.99	29.87	22.090		
6,360.00	6,181.21	6,370.84	6,186.04	15.43	15.10	178.48	-291.08	50.74	659.85	629.42	30.43	21.684		
6,390.00	6,189.06	6,401.11	6,192.87	15.70	15.39	178.44	-290.24	80.20	659.85	628.78	31.06	21.242		
6,420.00	6,195.08	6,431.29	6,197.81	16.04	15.74	178.41	-289.40	109.97	659.85	628.08	31.77	20.771		
6,450.00	6,199.24	6,461.41	6,200.85	16.42	16.13	178.38	-288.55	139.91	659.84	627.31	32.54	20.281		
6,453.64	6,199.62	6,465.06	6,201.09	16.47	16.17	178.38	-288.45	143.55	659.84	627.21	32.63	20.219		
6,480.00	6,201.53	6,491.45	6,201.99	16.84	16.55	178.37	-287.70	169.92	659.84	626.48	33.36	19.778		
6,510.00	6,201.96	6,521.45	6,201.87	17.29	17.02	178.37	-286.85	199.90	659.85	625.58	34.27	19.254		
6,540.00	6,201.71	6,551.45	6,201.72	17.78	17.51	178.37	-285.99	229.89	659.85	624.61	35.24	18.723		
6,570.00	6,201.47	6,581.45	6,201.57	18.27	18.01	178.37	-285.14	259.87	659.85	623.64	36.21	18.221		
6,600.00	6,201.22	6,611.45	6,201.41	18.77	18.53	178.37	-284.29	289.86	659.85	622.64	37.21	17.731		
6,630.00	6,200.97	6,641.45	6,201.26	19.33	19.10	178.37	-283.44	319.85	659.86	621.52	38.34	17.211		
6,660.00	6,200.73	6,671.45	6,201.10	19.90	19.67	178.37	-282.59	349.84	659.86	620.40	39.46	16.721		
6,690.00	6,200.48	6,701.45	6,200.95	20.46	20.25	178.37	-281.74	379.82	659.86	619.27	40.59	16.256		
6,720.00	6,200.24	6,731.45	6,200.80	21.07	20.88	178.37	-280.89	409.81	659.87	618.05	41.81	15.781		
6,750.00	6,199.99	6,761.45	6,200.64	21.69	21.51	178.37	-280.03	439.80	659.87	616.81	43.05	15.326		
6,780.00	6,199.74	6,791.45	6,200.49	22.31	22.13	178.37	-279.18	469.79	659.87	615.58	44.30	14.897		
6,810.00	6,199.50	6,821.45	6,200.33	22.94	22.79	178.37	-278.33	499.77	659.87	614.29	45.58	14.477		
6,840.00	6,199.25	6,851.45	6,200.18	23.60	23.46	178.37	-277.48	529.76	659.88	612.97	46.91	14.067		
6,870.00	6,199.00	6,881.45	6,200.03	24.27	24.13	178.37	-276.63	559.75	659.88	611.64	48.24	13.679		
6,900.00	6,198.76	6,911.45	6,199.87	24.93	24.82	178.37	-275.78	589.74	659.88	610.30	49.58	13.309		
6,930.00	6,198.51	6,941.45	6,199.72	25.62	25.52	178.37	-274.92	619.72	659.88	608.91	50.98	12.945		
6,960.00	6,198.26	6,971.45	6,199.56	26.32	26.22	178.37	-274.07	649.71	659.89	607.52	52.37	12.601		
6,990.00	6,198.02	7,001.45	6,199.41	27.01	26.92	178.37	-273.22	679.70	659.89	606.12	53.77	12.273		
7,020.00	6,197.77	7,031.45	6,199.26	27.72	27.65	178.37	-272.37	709.69	659.89	604.69	55.20	11.954		
7,050.00	6,197.52	7,061.45	6,199.10	28.44	28.37	178.37	-271.52	739.67	659.90	603.25	56.65	11.649		
7,080.00	6,197.28	7,091.45	6,198.95	29.16	29.10	178.37	-270.67	769.66	659.90	601.81	58.09	11.360		
7,110.00	6,197.03	7,121.45	6,198.79	29.89	29.84	178.37	-269.82	799.65	659.90	600.34	59.56	11.080		
7,140.00	6,196.78	7,151.45	6,198.64	30.62	30.59	178.37	-268.96	829.64	659.90	598.86	61.04	10.811		
7,170.00	6,196.54	7,181.45	6,198.49	31.36	31.33	178.37	-268.11	859.62	659.91	597.38	62.52	10.555		
7,200.00	6,196.29	7,211.44	6,198.33	32.10	32.08	178.37	-267.26	889.61	659.91	595.90	64.01	10.309		
7,230.00	6,196.04	7,241.44	6,198.18	32.85	32.84	178.37	-266.41	919.60	659.91	594.39	65.53	10.071		
7,260.00	6,195.80	7,271.44	6,198.02	33.61	33.60	178.37	-265.56	949.58	659.91	592.87	67.04	9.843		
7,290.00	6,195.55	7,301.44	6,197.87	34.36	34.36	178.37	-264.71	979.57	659.92	591.36	68.56	9.626		
7,320.00	6,195.30	7,331.44	6,197.72	35.12	35.13	178.37	-263.86	1,009.56	659.92	589.83	70.09	9.415		
7,350.00	6,195.06	7,361.44	6,197.56	35.89	35.90	178.37	-263.00	1,039.55	659.92	588.30	71.63	9.213		
7,380.00	6,194.81	7,391.44	6,197.41	36.66	36.67	178.37	-262.15	1,069.53	659.93	586.76	73.17	9.020		
7,410.00	6,194.56	7,421.44	6,197.25	37.43	37.45	178.37	-261.30	1,099.52	659.93	585.21	74.72	8.833		
7,440.00	6,194.32	7,451.44	6,197.10	38.20	38.23	178.37	-260.45	1,129.51	659.93	583.66	76.27	8.652		
7,470.00	6,194.07	7,481.44	6,196.95	38.98	39.01	178.37	-259.60	1,159.50	659.94	582.10	77.83	8.479		
7,500.00	6,193.82	7,511.44	6,196.79	39.75	39.79	178.37	-258.75	1,189.48	659.94	580.55	79.39	8.312		
7,530.00	6,193.58	7,541.44	6,196.64	40.54	40.58	178.37	-257.89	1,219.47	659.94	578.98	80.97	8.151		
7,560.00	6,193.33	7,571.44	6,196.48	41.32	41.37	178.37	-257.04	1,249.46	659.94	577.41	82.54	7.996		
7,590.00	6,193.08	7,601.44	6,196.33	42.11	42.16	178.37	-256.19	1,279.45	659.95	575.83	84.11	7.846		
7,620.00	6,192.84	7,631.44	6,196.18	42.89	42.95	178.37	-255.34	1,309.43	659.95	574.25	85.70	7.701		
7,650.00	6,192.59	7,661.44	6,196.02	43.68	43.75	178.37	-254.49	1,339.42	659.95	572.67	87.28	7.561		
7,680.00	6,192.35	7,691.44	6,195.87	44.48	44.54	178.37	-253.64	1,369.41	659.96	571.09	88.87	7.426		
7,710.00	6,192.10	7,721.44	6,195.71	45.27	45.34	178.37	-252.79	1,399.40	659.96	569.50	90.46	7.295		
7,740.00	6,191.85	7,751.44	6,195.56	46.06	46.14	178.37	-251.93	1,429.38	659.96	567.90	92.06	7.169		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Bill Barrett Corp.	<b>Local Co-ordinate Reference:</b>	Well Anschutz State 5-62-26-1609BH2
<b>Project:</b>	Weld Co., CO	<b>TVD Reference:</b>	WELL @ 4656.00usft (Original Well Elev)
<b>Reference Site:</b>	Sec.26-T5N-R62W	<b>MD Reference:</b>	WELL @ 4656.00usft (Original Well Elev)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Anschutz State 5-62-26-1609BH2	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDMDBBW
<b>Reference Design:</b>	Design #2	<b>Offset TVD Reference:</b>	Reference Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 0-MWD													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Azimuth from North (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
7,770.00	6,191.61	7,781.44	6,195.41	46.86	46.94	178.37	-251.08	1,459.37	659.97	566.31	93.66	7.046		
7,800.00	6,191.36	7,811.44	6,195.25	47.66	47.74	178.37	-250.23	1,489.36	659.97	564.71	95.26	6.928		
7,830.00	6,191.11	7,841.44	6,195.10	48.46	48.55	178.37	-249.38	1,519.34	659.97	563.11	96.87	6.813		
7,860.00	6,190.87	7,871.44	6,194.94	49.26	49.35	178.37	-248.53	1,549.33	659.98	561.50	98.47	6.702		
7,890.00	6,190.62	7,901.44	6,194.79	50.06	50.16	178.37	-247.68	1,579.32	659.98	559.90	100.08	6.595		
7,920.00	6,190.37	7,931.44	6,194.64	50.87	50.96	178.37	-246.83	1,609.31	659.98	558.29	101.69	6.490		
7,950.00	6,190.13	7,961.44	6,194.48	51.67	51.77	178.37	-245.97	1,639.29	659.98	556.68	103.31	6.389		
7,980.00	6,189.88	7,991.44	6,194.33	52.48	52.58	178.37	-245.12	1,669.28	659.99	555.06	104.92	6.290		
8,010.00	6,189.63	8,021.44	6,194.17	53.28	53.39	178.37	-244.27	1,699.27	659.99	553.45	106.54	6.195		
8,040.00	6,189.39	8,051.44	6,194.02	54.09	54.20	178.37	-243.42	1,729.26	659.99	551.83	108.16	6.102		
8,070.00	6,189.14	8,081.44	6,193.87	54.90	55.01	178.37	-242.57	1,759.24	660.00	550.21	109.78	6.012		
8,100.00	6,188.89	8,111.44	6,193.71	55.71	55.83	178.37	-241.72	1,789.23	660.00	548.59	111.41	5.924		
8,130.00	6,188.65	8,141.44	6,193.56	56.52	56.64	178.37	-240.86	1,819.22	660.00	546.97	113.03	5.839		
8,160.00	6,188.40	8,171.44	6,193.40	57.33	57.45	178.37	-240.01	1,849.21	660.01	545.35	114.66	5.756		
8,190.00	6,188.15	8,201.44	6,193.25	58.14	58.27	178.37	-239.16	1,879.19	660.01	543.72	116.29	5.676		
8,220.00	6,187.91	8,231.44	6,193.10	58.96	59.08	178.37	-238.31	1,909.18	660.01	542.09	117.92	5.597		
8,250.00	6,187.66	8,261.44	6,192.94	59.77	59.90	178.37	-237.46	1,939.17	660.02	540.47	119.55	5.521		
8,280.00	6,187.41	8,291.44	6,192.79	60.59	60.72	178.37	-236.61	1,969.16	660.02	538.84	121.18	5.446		
8,310.00	6,187.17	8,321.44	6,192.63	61.40	61.54	178.37	-235.76	1,999.14	660.02	537.21	122.82	5.374		
8,340.00	6,186.92	8,351.44	6,192.48	62.22	62.35	178.37	-234.90	2,029.13	660.03	535.57	124.45	5.303		
8,370.00	6,186.67	8,381.44	6,192.33	63.04	63.17	178.37	-234.05	2,059.12	660.03	533.94	126.09	5.235		
8,400.00	6,186.43	8,411.44	6,192.17	63.85	63.99	178.37	-233.20	2,089.10	660.03	532.31	127.73	5.168		
8,430.00	6,186.18	8,441.44	6,192.02	64.67	64.81	178.37	-232.35	2,119.09	660.04	530.67	129.37	5.102		
8,460.00	6,185.93	8,471.44	6,191.86	65.49	65.63	178.37	-231.50	2,149.08	660.04	529.03	131.01	5.038		
8,490.00	6,185.69	8,501.44	6,191.71	66.31	66.45	178.37	-230.65	2,179.07	660.04	527.40	132.65	4.976		
8,520.00	6,185.44	8,531.44	6,191.56	67.13	67.28	178.37	-229.80	2,209.05	660.05	525.76	134.29	4.915		
8,550.00	6,185.19	8,561.44	6,191.40	67.95	68.10	178.37	-228.94	2,239.04	660.05	524.12	135.93	4.856		
8,580.00	6,184.95	8,591.44	6,191.25	68.77	68.92	178.37	-228.09	2,269.03	660.05	522.48	137.58	4.798		
8,610.00	6,184.70	8,621.44	6,191.09	69.59	69.74	178.37	-227.24	2,299.02	660.06	520.84	139.22	4.741		
8,640.00	6,184.46	8,651.44	6,190.94	70.41	70.57	178.37	-226.39	2,329.00	660.06	519.19	140.87	4.686		
8,670.00	6,184.21	8,681.44	6,190.79	71.23	71.39	178.37	-225.54	2,358.99	660.06	517.55	142.51	4.632		
8,700.00	6,183.96	8,711.44	6,190.63	72.06	72.21	178.37	-224.69	2,388.98	660.07	515.91	144.16	4.579		
8,730.00	6,183.72	8,741.44	6,190.48	72.88	73.04	178.37	-223.83	2,418.97	660.07	514.26	145.81	4.527		
8,760.00	6,183.47	8,771.44	6,190.32	73.70	73.86	178.37	-222.98	2,448.95	660.07	512.61	147.46	4.476		
8,790.00	6,183.22	8,801.44	6,190.17	74.53	74.69	178.37	-222.13	2,478.94	660.08	510.97	149.11	4.427		
8,820.00	6,182.98	8,831.44	6,190.02	75.35	75.51	178.37	-221.28	2,508.93	660.08	509.32	150.76	4.378		
8,850.00	6,182.73	8,861.44	6,189.86	76.17	76.34	178.37	-220.43	2,538.92	660.09	507.67	152.41	4.331		
8,880.00	6,182.48	8,891.44	6,189.71	77.00	77.17	178.37	-219.58	2,568.90	660.09	506.03	154.06	4.285		
8,910.00	6,182.24	8,921.44	6,189.55	77.82	77.99	178.37	-218.73	2,598.89	660.09	504.38	155.72	4.239		
8,940.00	6,181.99	8,951.44	6,189.40	78.65	78.82	178.37	-217.87	2,628.88	660.10	502.73	157.37	4.195		
8,970.00	6,181.74	8,981.44	6,189.25	79.48	79.65	178.37	-217.02	2,658.86	660.10	501.08	159.02	4.151		
9,000.00	6,181.50	9,011.44	6,189.09	80.30	80.48	178.37	-216.17	2,688.85	660.10	499.43	160.68	4.108		
9,030.00	6,181.25	9,041.44	6,188.94	81.13	81.30	178.37	-215.32	2,718.84	660.11	497.78	162.33	4.066		
9,060.00	6,181.00	9,071.44	6,188.78	81.96	82.13	178.37	-214.47	2,748.83	660.11	496.12	163.99	4.025		
9,090.00	6,180.76	9,101.44	6,188.63	82.78	82.96	178.37	-213.62	2,778.81	660.11	494.47	165.64	3.985		
9,120.00	6,180.51	9,131.44	6,188.48	83.61	83.79	178.37	-212.77	2,808.80	660.12	492.82	167.30	3.946		
9,150.00	6,180.26	9,161.44	6,188.32	84.44	84.62	178.37	-211.91	2,838.79	660.12	491.17	168.96	3.907		
9,180.00	6,180.02	9,191.44	6,188.17	85.27	85.45	178.37	-211.06	2,868.78	660.13	489.51	170.61	3.869		
9,210.00	6,179.77	9,221.44	6,188.01	86.09	86.28	178.37	-210.21	2,898.76	660.13	487.86	172.27	3.832		
9,240.00	6,179.52	9,251.44	6,187.86	86.92	87.10	178.37	-209.36	2,928.75	660.13	486.20	173.93	3.795		
9,270.00	6,179.28	9,281.44	6,187.71	87.75	87.93	178.37	-208.51	2,958.74	660.14	484.55	175.59	3.760		
9,300.00	6,179.03	9,311.43	6,187.55	88.58	88.76	178.37	-207.66	2,988.73	660.14	482.89	177.25	3.724		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Bill Barrett Corp.	<b>Local Co-ordinate Reference:</b>	Well Anschutz State 5-62-26-1609BH2
<b>Project:</b>	Weld Co., CO	<b>TVD Reference:</b>	WELL @ 4656.00usft (Original Well Elev)
<b>Reference Site:</b>	Sec.26-T5N-R62W	<b>MD Reference:</b>	WELL @ 4656.00usft (Original Well Elev)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Anschutz State 5-62-26-1609BH2	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDMDBBW
<b>Reference Design:</b>	Design #2	<b>Offset TVD Reference:</b>	Reference Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 0-MWD													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Azimuth from North (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
9,330.00	6,178.78	9,341.43	6,187.40	89.41	89.59	178.37	-206.81	3,018.71	660.14	481.24	178.91	3.690		
9,360.00	6,178.54	9,371.43	6,187.24	90.24	90.42	178.37	-205.95	3,048.70	660.15	479.58	180.57	3.656		
9,390.00	6,178.29	9,401.43	6,187.09	91.07	91.26	178.37	-205.10	3,078.69	660.15	477.93	182.23	3.623		
9,420.00	6,178.04	9,431.43	6,186.94	91.90	92.09	178.37	-204.25	3,108.68	660.16	476.27	183.89	3.590		
9,450.00	6,177.80	9,461.43	6,186.78	92.73	92.92	178.37	-203.40	3,138.66	660.16	474.61	185.55	3.558		
9,480.00	6,177.55	9,491.43	6,186.63	93.56	93.75	178.37	-202.55	3,168.65	660.16	472.95	187.21	3.526		
9,510.00	6,177.30	9,521.43	6,186.47	94.39	94.58	178.37	-201.70	3,198.64	660.17	471.30	188.87	3.495		
9,540.00	6,177.06	9,551.43	6,186.32	95.22	95.41	178.37	-200.84	3,228.63	660.17	469.64	190.53	3.465		
9,570.00	6,176.81	9,581.43	6,186.17	96.05	96.24	178.37	-199.99	3,258.61	660.17	467.98	192.20	3.435		
9,600.00	6,176.57	9,611.43	6,186.01	96.88	97.07	178.37	-199.14	3,288.60	660.18	466.32	193.86	3.405		
9,630.00	6,176.32	9,641.43	6,185.86	97.71	97.91	178.37	-198.29	3,318.59	660.18	464.66	195.52	3.377		
9,660.00	6,176.07	9,671.43	6,185.70	98.54	98.74	178.37	-197.44	3,348.57	660.19	463.00	197.19	3.348		
9,690.00	6,175.83	9,701.43	6,185.55	99.37	99.57	178.37	-196.59	3,378.56	660.19	461.34	198.85	3.320		
9,720.00	6,175.58	9,731.43	6,185.40	100.20	100.40	178.37	-195.74	3,408.55	660.19	459.68	200.51	3.293		
9,750.00	6,175.33	9,761.43	6,185.24	101.04	101.24	178.37	-194.88	3,438.54	660.20	458.02	202.18	3.265		
9,780.00	6,175.09	9,791.43	6,185.09	101.87	102.07	178.37	-194.03	3,468.52	660.20	456.36	203.84	3.239		
9,810.00	6,174.84	9,821.43	6,184.93	102.70	102.90	178.37	-193.18	3,498.51	660.21	454.70	205.51	3.213		
9,840.00	6,174.59	9,851.43	6,184.78	103.53	103.73	178.37	-192.33	3,528.50	660.21	453.04	207.17	3.187		
9,870.00	6,174.35	9,881.43	6,184.63	104.36	104.57	178.37	-191.48	3,558.49	660.21	451.38	208.84	3.161		
9,900.00	6,174.10	9,911.43	6,184.47	105.20	105.40	178.37	-190.63	3,588.47	660.22	449.71	210.50	3.136		
9,930.00	6,173.85	9,941.43	6,184.32	106.03	106.23	178.37	-189.78	3,618.46	660.22	448.05	212.17	3.112		
9,960.00	6,173.61	9,971.43	6,184.16	106.86	107.07	178.37	-188.92	3,648.45	660.23	446.39	213.84	3.088		
9,990.00	6,173.36	10,001.43	6,184.01	107.69	107.90	178.37	-188.07	3,678.44	660.23	444.73	215.50	3.064		
10,020.00	6,173.11	10,031.43	6,183.86	108.53	108.73	178.37	-187.22	3,708.42	660.23	443.07	217.17	3.040		
10,050.00	6,172.87	10,061.43	6,183.70	109.36	109.57	178.37	-186.37	3,738.41	660.24	441.40	218.84	3.017		
10,080.00	6,172.62	10,091.43	6,183.55	110.19	110.40	178.37	-185.52	3,768.40	660.24	439.74	220.50	2.994		
10,110.00	6,172.37	10,121.43	6,183.39	111.03	111.24	178.37	-184.67	3,798.39	660.25	438.08	222.17	2.972		
10,140.00	6,172.13	10,151.43	6,183.24	111.86	112.07	178.37	-183.81	3,828.37	660.25	436.41	223.84	2.950		
10,170.00	6,171.88	10,181.43	6,183.09	112.69	112.90	178.37	-182.96	3,858.36	660.25	434.75	225.50	2.928		
10,200.00	6,171.63	10,211.43	6,182.93	113.53	113.74	178.37	-182.11	3,888.35	660.26	433.09	227.17	2.906		
10,230.00	6,171.39	10,241.43	6,182.78	114.36	114.57	178.37	-181.26	3,918.33	660.26	431.42	228.84	2.885		
10,260.00	6,171.14	10,271.43	6,182.62	115.19	115.41	178.37	-180.41	3,948.32	660.27	429.76	230.51	2.864		
10,290.00	6,170.89	10,301.43	6,182.47	116.03	116.24	178.37	-179.56	3,978.31	660.27	428.09	232.18	2.844		
10,320.00	6,170.65	10,331.43	6,182.32	116.86	117.08	178.37	-178.71	4,008.30	660.28	426.43	233.84	2.824		
10,350.00	6,170.40	10,361.43	6,182.16	117.70	117.91	178.37	-177.85	4,038.28	660.28	424.77	235.51	2.804		
10,380.00	6,170.15	10,391.43	6,182.01	118.53	118.75	178.37	-177.00	4,068.27	660.28	423.10	237.18	2.784		
10,410.00	6,169.91	10,421.43	6,181.85	119.36	119.58	178.37	-176.15	4,098.26	660.29	421.44	238.85	2.764		
10,440.00	6,169.66	10,451.43	6,181.70	120.20	120.42	178.37	-175.30	4,128.25	660.29	419.77	240.52	2.745		
10,470.00	6,169.42	10,481.43	6,181.55	121.03	121.25	178.37	-174.45	4,158.23	660.30	418.11	242.19	2.726		
10,500.00	6,169.17	10,511.43	6,181.39	121.87	122.09	178.37	-173.60	4,188.22	660.30	416.44	243.86	2.708		
10,530.00	6,168.92	10,541.43	6,181.24	122.70	122.92	178.37	-172.75	4,218.21	660.31	414.78	245.53	2.689		
10,560.00	6,168.68	10,571.43	6,181.08	123.54	123.76	178.37	-171.89	4,248.20	660.31	413.11	247.20	2.671		
10,590.00	6,168.43	10,601.43	6,180.93	124.37	124.59	178.37	-171.04	4,278.18	660.31	411.44	248.87	2.653		
10,620.00	6,168.18	10,631.43	6,180.78	125.21	125.43	178.37	-170.19	4,308.17	660.32	409.78	250.54	2.636		
10,650.00	6,167.94	10,661.43	6,180.62	126.04	126.26	178.37	-169.34	4,338.16	660.32	408.11	252.21	2.618		
10,680.00	6,167.69	10,691.43	6,180.47	126.88	127.10	178.37	-168.49	4,368.15	660.33	406.45	253.88	2.601		
10,710.00	6,167.44	10,721.43	6,180.31	127.71	127.93	178.37	-167.64	4,398.13	660.33	404.78	255.55	2.584		
10,740.00	6,167.20	10,751.43	6,180.16	128.55	128.77	178.37	-166.78	4,428.12	660.34	403.11	257.22	2.567		
10,770.00	6,166.95	10,781.43	6,180.01	129.38	129.61	178.37	-165.93	4,458.11	660.34	401.45	258.89	2.551		
10,800.00	6,166.70	10,811.43	6,179.85	130.22	130.44	178.37	-165.08	4,488.09	660.34	399.78	260.56	2.534		
10,830.00	6,166.46	10,841.43	6,179.70	131.05	131.28	178.37	-164.23	4,518.08	660.35	398.12	262.23	2.518		
10,860.00	6,166.21	10,871.43	6,179.54	131.89	132.11	178.37	-163.38	4,548.07	660.35	396.45	263.90	2.502		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



<b>Company:</b>	Bill Barrett Corp.	<b>Local Co-ordinate Reference:</b>	Well Anschutz State 5-62-26-1609BH2
<b>Project:</b>	Weld Co., CO	<b>TVD Reference:</b>	WELL @ 4656.00usft (Original Well Elev)
<b>Reference Site:</b>	Sec.26-T5N-R62W	<b>MD Reference:</b>	WELL @ 4656.00usft (Original Well Elev)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Anschutz State 5-62-26-1609BH2	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDMDBBW
<b>Reference Design:</b>	Design #2	<b>Offset TVD Reference:</b>	Reference Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 0-MWD													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Azimuth from North (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
10,890.00	6,165.96	10,901.43	6,179.39	132.72	132.95	178.37	-162.53	4,578.06	660.36	394.78	265.58	2.487		
10,920.00	6,165.72	10,931.43	6,179.24	133.56	133.79	178.37	-161.68	4,608.04	660.36	393.11	267.25	2.471		
10,950.00	6,165.47	10,961.43	6,179.08	134.40	134.62	178.37	-160.82	4,638.03	660.37	391.45	268.92	2.456		
10,980.00	6,165.22	10,991.43	6,178.93	135.23	135.46	178.37	-159.97	4,668.02	660.37	389.78	270.59	2.440		
11,010.00	6,164.98	11,021.43	6,178.77	136.07	136.30	178.37	-159.12	4,698.01	660.38	388.11	272.26	2.426		
11,040.00	6,164.73	11,051.43	6,178.62	136.90	137.13	178.37	-158.27	4,727.99	660.38	386.45	273.93	2.411		
11,070.00	6,164.48	11,081.43	6,178.47	137.74	137.97	178.37	-157.42	4,757.98	660.38	384.78	275.61	2.396		
11,100.00	6,164.24	11,111.43	6,178.31	138.58	138.80	178.37	-156.57	4,787.97	660.39	383.11	277.28	2.382		
11,130.00	6,163.99	11,141.43	6,178.16	139.41	139.64	178.37	-155.72	4,817.96	660.39	381.44	278.95	2.367		
11,160.00	6,163.74	11,171.43	6,178.00	140.25	140.48	178.37	-154.86	4,847.94	660.40	379.78	280.62	2.353		
11,190.00	6,163.50	11,201.43	6,177.85	141.08	141.31	178.37	-154.01	4,877.93	660.40	378.11	282.29	2.339		
11,220.00	6,163.25	11,231.43	6,177.70	141.92	142.15	178.37	-153.16	4,907.92	660.41	376.44	283.97	2.326		
11,250.00	6,163.00	11,261.43	6,177.54	142.76	142.99	178.37	-152.31	4,937.91	660.41	374.77	285.64	2.312		
11,280.00	6,162.76	11,291.43	6,177.39	143.59	143.83	178.37	-151.46	4,967.89	660.42	373.11	287.31	2.299		
11,310.00	6,162.51	11,321.43	6,177.23	144.43	144.66	178.37	-150.61	4,997.88	660.42	371.44	288.98	2.285		
11,340.00	6,162.26	11,351.43	6,177.08	145.27	145.50	178.37	-149.75	5,027.87	660.43	369.77	290.66	2.272		
11,370.00	6,162.02	11,381.43	6,176.93	146.10	146.34	178.37	-148.90	5,057.86	660.43	368.10	292.33	2.259		
11,400.00	6,161.77	11,411.43	6,176.77	146.94	147.17	178.37	-148.05	5,087.84	660.43	366.43	294.00	2.246		
11,430.00	6,161.53	11,441.42	6,176.62	147.78	148.01	178.37	-147.20	5,117.83	660.44	364.76	295.67	2.234		
11,460.00	6,161.28	11,471.42	6,176.46	148.61	148.85	178.37	-146.35	5,147.82	660.44	363.10	297.35	2.221		
11,490.00	6,161.03	11,501.42	6,176.31	149.45	149.68	178.37	-145.50	5,177.80	660.45	361.43	299.02	2.209		
11,520.00	6,160.79	11,531.42	6,176.15	150.29	150.52	178.37	-144.65	5,207.79	660.45	359.76	300.69	2.196		
11,550.00	6,160.54	11,561.42	6,176.00	151.12	151.36	178.37	-143.79	5,237.78	660.46	358.09	302.37	2.184		
11,580.00	6,160.29	11,591.42	6,175.85	151.96	152.20	178.37	-142.94	5,267.77	660.46	356.42	304.04	2.172		
11,610.00	6,160.05	11,621.42	6,175.69	152.80	153.03	178.37	-142.09	5,297.75	660.47	354.75	305.71	2.160		
11,640.00	6,159.80	11,651.42	6,175.54	153.63	153.87	178.37	-141.24	5,327.74	660.47	353.09	307.39	2.149		
11,670.00	6,159.55	11,681.42	6,175.38	154.47	154.71	178.37	-140.39	5,357.73	660.48	351.42	309.06	2.137		
11,700.00	6,159.31	11,711.42	6,175.23	155.31	155.55	178.37	-139.54	5,387.72	660.48	349.75	310.73	2.126		
11,730.00	6,159.06	11,741.42	6,175.08	156.14	156.38	178.37	-138.69	5,417.70	660.49	348.08	312.41	2.114		
11,760.00	6,158.81	11,771.42	6,174.92	156.98	157.22	178.37	-137.83	5,447.69	660.49	346.41	314.08	2.103		
11,790.00	6,158.57	11,801.42	6,174.77	157.82	158.06	178.37	-136.98	5,477.68	660.50	344.74	315.76	2.092		
11,820.00	6,158.32	11,831.42	6,174.61	158.66	158.90	178.37	-136.13	5,507.67	660.50	343.07	317.43	2.081		
11,850.00	6,158.07	11,861.42	6,174.46	159.49	159.73	178.37	-135.28	5,537.65	660.51	341.40	319.10	2.070		
11,880.00	6,157.83	11,891.42	6,174.31	160.33	160.57	178.37	-134.43	5,567.64	660.51	339.73	320.78	2.059		
11,910.00	6,157.58	11,921.42	6,174.15	161.17	161.41	178.37	-133.58	5,597.63	660.52	338.06	322.45	2.048		
11,940.00	6,157.33	11,951.42	6,174.00	162.01	162.25	178.37	-132.72	5,627.62	660.52	336.40	324.13	2.038		
11,970.00	6,157.09	11,981.42	6,173.84	162.84	163.08	178.37	-131.87	5,657.60	660.53	334.73	325.80	2.027		
12,000.00	6,156.84	12,011.42	6,173.69	163.68	163.92	178.37	-131.02	5,687.59	660.53	333.06	327.47	2.017		
12,030.00	6,156.59	12,041.42	6,173.54	164.52	164.76	178.37	-130.17	5,717.58	660.54	331.39	329.15	2.007		
12,060.00	6,156.35	12,071.42	6,173.38	165.36	165.60	178.37	-129.32	5,747.56	660.54	329.72	330.82	1.997		
12,090.00	6,156.10	12,101.42	6,173.23	166.19	166.44	178.37	-128.47	5,777.55	660.55	328.05	332.50	1.987		
12,120.00	6,155.85	12,131.42	6,173.07	167.03	167.27	178.37	-127.62	5,807.54	660.55	326.38	334.17	1.977		
12,150.00	6,155.61	12,161.42	6,172.92	167.87	168.11	178.37	-126.76	5,837.53	660.56	324.71	335.84	1.967		
12,180.00	6,155.36	12,191.42	6,172.77	168.71	168.95	178.37	-125.91	5,867.51	660.56	323.04	337.52	1.957		
12,210.00	6,155.11	12,221.42	6,172.61	169.54	169.79	178.37	-125.06	5,897.50	660.57	321.37	339.19	1.947		
12,240.00	6,154.87	12,251.42	6,172.46	170.38	170.63	178.37	-124.21	5,927.49	660.57	319.70	340.87	1.938		
12,270.00	6,154.62	12,281.42	6,172.30	171.22	171.46	178.37	-123.36	5,957.48	660.58	318.03	342.54	1.928		
12,300.00	6,154.37	12,311.42	6,172.15	172.06	172.30	178.37	-122.51	5,987.46	660.58	316.36	344.22	1.919		
12,330.00	6,154.13	12,341.42	6,172.00	172.89	173.14	178.37	-121.66	6,017.45	660.59	314.69	345.89	1.910		
12,360.00	6,153.88	12,371.42	6,171.84	173.73	173.98	178.37	-120.80	6,047.44	660.59	313.02	347.57	1.901		
12,390.00	6,153.64	12,401.42	6,171.69	174.57	174.82	178.37	-119.95	6,077.43	660.60	311.35	349.24	1.892		
12,420.00	6,153.39	12,431.42	6,171.53	175.41	175.65	178.37	-119.10	6,107.41	660.60	309.68	350.92	1.883		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



<b>Company:</b>	Bill Barrett Corp.	<b>Local Co-ordinate Reference:</b>	Well Anschutz State 5-62-26-1609BH2
<b>Project:</b>	Weld Co., CO	<b>TVD Reference:</b>	WELL @ 4656.00usft (Original Well Elev)
<b>Reference Site:</b>	Sec.26-T5N-R62W	<b>MD Reference:</b>	WELL @ 4656.00usft (Original Well Elev)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Anschutz State 5-62-26-1609BH2	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDMDBBW
<b>Reference Design:</b>	Design #2	<b>Offset TVD Reference:</b>	Reference Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 0-MWD													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Azimuth from North (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
12,450.00	6,153.14	12,461.42	6,171.38	176.25	176.49	178.37	-118.25	6,137.40	660.61	308.02	352.59	1.874		
12,480.00	6,152.90	12,491.42	6,171.23	177.08	177.33	178.37	-117.40	6,167.39	660.61	306.35	354.27	1.865		
12,510.00	6,152.65	12,521.42	6,171.07	177.92	178.17	178.37	-116.55	6,197.38	660.62	304.68	355.94	1.856		
12,540.00	6,152.40	12,551.42	6,170.92	178.76	179.01	178.37	-115.70	6,227.36	660.62	303.01	357.62	1.847		
12,570.00	6,152.16	12,581.42	6,170.76	179.60	179.85	178.37	-114.84	6,257.35	660.63	301.34	359.29	1.839		
12,600.00	6,151.91	12,611.42	6,170.61	180.44	180.68	178.37	-113.99	6,287.34	660.63	299.67	360.97	1.830		
12,630.00	6,151.66	12,641.42	6,170.46	181.27	181.52	178.37	-113.14	6,317.32	660.64	298.00	362.64	1.822		
12,660.00	6,151.42	12,671.42	6,170.30	182.11	182.36	178.37	-112.29	6,347.31	660.64	296.33	364.32	1.813		
12,690.00	6,151.17	12,701.42	6,170.15	182.95	183.20	178.37	-111.44	6,377.30	660.65	294.66	365.99	1.805		
12,720.00	6,150.92	12,731.42	6,169.99	183.79	184.04	178.37	-110.59	6,407.29	660.65	292.99	367.67	1.797		
12,750.00	6,150.68	12,761.42	6,169.84	184.63	184.88	178.36	-109.73	6,437.27	660.66	291.32	369.34	1.789		
12,780.00	6,150.43	12,791.42	6,169.69	185.47	185.72	178.36	-108.88	6,467.26	660.66	289.65	371.02	1.781		
12,810.00	6,150.18	12,821.42	6,169.53	186.30	186.55	178.36	-108.03	6,497.25	660.67	287.98	372.69	1.773		
12,840.00	6,149.94	12,851.42	6,169.38	187.14	187.39	178.36	-107.18	6,527.24	660.67	286.31	374.37	1.765		
12,870.00	6,149.69	12,881.42	6,169.22	187.98	188.23	178.36	-106.33	6,557.22	660.68	284.64	376.04	1.757		
12,900.00	6,149.44	12,911.42	6,169.07	188.82	189.07	178.36	-105.48	6,587.21	660.68	282.97	377.72	1.749		
12,930.00	6,149.20	12,941.42	6,168.92	189.66	189.91	178.36	-104.63	6,617.20	660.69	281.30	379.39	1.741		
12,960.00	6,148.95	12,971.42	6,168.76	190.50	190.75	178.36	-103.77	6,647.19	660.69	279.63	381.07	1.734		
12,990.00	6,148.70	13,001.42	6,168.61	191.33	191.59	178.36	-102.92	6,677.17	660.70	277.96	382.74	1.726		
13,020.00	6,148.46	13,031.42	6,168.45	192.17	192.42	178.36	-102.07	6,707.16	660.71	276.29	384.42	1.719		
13,050.00	6,148.21	13,061.42	6,168.30	193.01	193.26	178.36	-101.22	6,737.15	660.71	274.62	386.09	1.711		
13,080.00	6,147.96	13,091.42	6,168.15	193.85	194.10	178.36	-100.37	6,767.14	660.72	272.95	387.77	1.704		
13,110.00	6,147.72	13,121.42	6,167.99	194.69	194.94	178.36	-99.52	6,797.12	660.72	271.28	389.44	1.697		
13,140.00	6,147.47	13,151.42	6,167.84	195.53	195.78	178.36	-98.67	6,827.11	660.73	269.61	391.12	1.689		
13,170.00	6,147.22	13,181.42	6,167.68	196.36	196.62	178.36	-97.81	6,857.10	660.73	267.94	392.79	1.682		
13,200.00	6,146.98	13,211.42	6,167.53	197.20	197.46	178.36	-96.96	6,887.08	660.74	266.27	394.47	1.675		
13,230.00	6,146.73	13,241.42	6,167.38	198.04	198.30	178.36	-96.11	6,917.07	660.74	264.60	396.15	1.668		
13,260.00	6,146.48	13,271.42	6,167.22	198.88	199.13	178.36	-95.26	6,947.06	660.75	262.93	397.82	1.661		
13,290.00	6,146.24	13,301.42	6,167.07	199.72	199.97	178.36	-94.41	6,977.05	660.75	261.26	399.50	1.654		
13,320.00	6,145.99	13,331.42	6,166.91	200.56	200.81	178.36	-93.56	7,007.03	660.76	259.59	401.17	1.647		
13,350.00	6,145.75	13,361.42	6,166.76	201.40	201.65	178.36	-92.70	7,037.02	660.77	257.92	402.85	1.640		
13,380.00	6,145.50	13,391.42	6,166.61	202.24	202.49	178.36	-91.85	7,067.01	660.77	256.25	404.52	1.633		
13,410.00	6,145.25	13,421.42	6,166.45	203.07	203.33	178.36	-91.00	7,097.00	660.78	254.58	406.20	1.627		
13,440.00	6,145.01	13,451.42	6,166.30	203.91	204.17	178.36	-90.15	7,126.98	660.78	252.91	407.87	1.620		
13,470.00	6,144.76	13,481.42	6,166.14	204.75	205.01	178.36	-89.30	7,156.97	660.79	251.24	409.55	1.613		
13,500.00	6,144.51	13,511.42	6,165.99	205.59	205.85	178.36	-88.45	7,186.96	660.79	249.57	411.23	1.607		
13,530.00	6,144.27	13,541.41	6,165.84	206.43	206.69	178.36	-87.60	7,216.95	660.80	247.90	412.90	1.600		
13,560.00	6,144.02	13,571.41	6,165.68	207.27	207.52	178.36	-86.74	7,246.93	660.80	246.23	414.58	1.594		
13,590.00	6,143.77	13,601.41	6,165.53	208.11	208.36	178.36	-85.89	7,276.92	660.81	244.56	416.25	1.588		
13,620.00	6,143.53	13,631.41	6,165.37	208.95	209.20	178.36	-85.04	7,306.91	660.82	242.89	417.93	1.581		
13,650.00	6,143.28	13,661.41	6,165.22	209.78	210.04	178.36	-84.19	7,336.90	660.82	241.22	419.60	1.575		
13,680.00	6,143.03	13,691.41	6,165.07	210.62	210.88	178.36	-83.34	7,366.88	660.83	239.55	421.28	1.569		
13,710.00	6,142.79	13,721.41	6,164.91	211.46	211.72	178.36	-82.49	7,396.87	660.83	237.88	422.96	1.562		
13,740.00	6,142.54	13,751.41	6,164.76	212.30	212.56	178.36	-81.64	7,426.86	660.84	236.21	424.63	1.556		
13,770.00	6,142.29	13,781.41	6,164.60	213.14	213.40	178.36	-80.78	7,456.85	660.84	234.54	426.31	1.550		
13,800.00	6,142.05	13,811.41	6,164.45	213.98	214.24	178.36	-79.93	7,486.83	660.85	232.87	427.98	1.544		
13,830.00	6,141.80	13,841.41	6,164.30	214.82	215.08	178.36	-79.08	7,516.82	660.85	231.20	429.66	1.538		
13,860.00	6,141.55	13,871.41	6,164.14	215.66	215.92	178.36	-78.23	7,546.81	660.86	229.53	431.33	1.532		
13,890.00	6,141.31	13,901.41	6,163.99	216.50	216.75	178.36	-77.38	7,576.79	660.87	227.86	433.01	1.526		
13,920.00	6,141.06	13,931.41	6,163.83	217.33	217.59	178.36	-76.53	7,606.78	660.87	226.19	434.69	1.520		
13,950.00	6,140.81	13,961.41	6,163.68	218.17	218.43	178.36	-75.67	7,636.77	660.88	224.52	436.36	1.515		
13,980.00	6,140.57	13,991.41	6,163.53	219.01	219.27	178.36	-74.82	7,666.76	660.88	222.85	438.04	1.509		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Bill Barrett Corp.	<b>Local Co-ordinate Reference:</b>	Well Anschutz State 5-62-26-1609BH2
<b>Project:</b>	Weld Co., CO	<b>TVD Reference:</b>	WELL @ 4656.00usft (Original Well Elev)
<b>Reference Site:</b>	Sec.26-T5N-R62W	<b>MD Reference:</b>	WELL @ 4656.00usft (Original Well Elev)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Anschutz State 5-62-26-1609BH2	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDMDBBW
<b>Reference Design:</b>	Design #2	<b>Offset TVD Reference:</b>	Reference Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 0-MWD													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Azimuth from North (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
14,010.00	6,140.32	14,021.41	6,163.37	219.85	220.11	178.36	-73.97	7,696.74	660.89	221.18	439.71	1.503		
14,040.00	6,140.07	14,051.41	6,163.22	220.69	220.95	178.36	-73.12	7,726.73	660.90	219.51	441.39	1.497 Level 3		
14,070.00	6,139.83	14,081.41	6,163.06	221.53	221.79	178.36	-72.27	7,756.72	660.90	217.84	443.06	1.492 Level 3		
14,100.00	6,139.58	14,111.41	6,162.91	222.37	222.63	178.36	-71.42	7,786.71	660.91	216.17	444.74	1.486 Level 3		
14,130.00	6,139.33	14,141.41	6,162.76	223.21	223.47	178.36	-70.57	7,816.69	660.91	214.50	446.42	1.480 Level 3		
14,160.00	6,139.09	14,171.41	6,162.60	224.05	224.31	178.36	-69.71	7,846.68	660.92	212.83	448.09	1.475 Level 3		
14,190.00	6,138.84	14,201.41	6,162.45	224.89	225.15	178.36	-68.86	7,876.67	660.92	211.16	449.77	1.469 Level 3		
14,220.00	6,138.60	14,231.41	6,162.29	225.73	225.99	178.36	-68.01	7,906.66	660.93	209.49	451.44	1.464 Level 3		
14,250.00	6,138.35	14,261.41	6,162.14	226.56	226.83	178.36	-67.16	7,936.64	660.94	207.82	453.12	1.459 Level 3		
14,280.00	6,138.10	14,291.41	6,161.99	227.40	227.67	178.36	-66.31	7,966.63	660.94	206.15	454.79	1.453 Level 3		
14,310.00	6,137.86	14,321.41	6,161.83	228.24	228.50	178.36	-65.46	7,996.62	660.95	204.48	456.47	1.448 Level 3		
14,340.00	6,137.61	14,351.41	6,161.68	229.08	229.34	178.36	-64.61	8,026.61	660.95	202.81	458.15	1.443 Level 3		
14,370.00	6,137.36	14,381.41	6,161.52	229.92	230.18	178.36	-63.75	8,056.59	660.96	201.14	459.82	1.437 Level 3		
14,400.00	6,137.12	14,411.41	6,161.37	230.76	231.02	178.36	-62.90	8,086.58	660.97	199.47	461.50	1.432 Level 3		
14,430.00	6,136.87	14,441.41	6,161.22	231.60	231.86	178.36	-62.05	8,116.57	660.97	197.80	463.17	1.427 Level 3		
14,460.00	6,136.62	14,471.41	6,161.06	232.44	232.70	178.36	-61.20	8,146.55	660.98	196.13	464.85	1.422 Level 3		
14,490.00	6,136.38	14,501.41	6,160.91	233.28	233.54	178.36	-60.35	8,176.54	660.98	194.46	466.53	1.417 Level 3		
14,520.00	6,136.13	14,531.41	6,160.75	234.12	234.38	178.36	-59.50	8,206.53	660.99	192.79	468.20	1.412 Level 3		
14,550.00	6,135.88	14,561.41	6,160.60	234.96	235.22	178.36	-58.64	8,236.52	661.00	191.12	469.88	1.407 Level 3		
14,580.00	6,135.64	14,591.41	6,160.45	235.80	236.06	178.36	-57.79	8,266.50	661.00	189.45	471.55	1.402 Level 3		
14,610.00	6,135.39	14,621.41	6,160.29	236.64	236.90	178.36	-56.94	8,296.49	661.01	187.78	473.23	1.397 Level 3		
14,640.00	6,135.14	14,651.41	6,160.14	237.47	237.74	178.36	-56.09	8,326.48	661.01	186.11	474.90	1.392 Level 3		
14,670.00	6,134.90	14,681.41	6,159.98	238.31	238.58	178.36	-55.24	8,356.47	661.02	184.44	476.58	1.387 Level 3		
14,700.00	6,134.65	14,711.41	6,159.83	239.15	239.42	178.36	-54.39	8,386.45	661.03	182.77	478.26	1.382 Level 3		
14,730.00	6,134.40	14,741.41	6,159.68	239.99	240.26	178.36	-53.54	8,416.44	661.03	181.10	479.93	1.377 Level 3		
14,760.00	6,134.16	14,771.41	6,159.52	240.83	241.10	178.36	-52.68	8,446.43	661.04	179.43	481.61	1.373 Level 3		
14,790.00	6,133.91	14,801.41	6,159.37	241.67	241.94	178.36	-51.83	8,476.42	661.04	177.76	483.28	1.368 Level 3		
14,820.00	6,133.66	14,831.41	6,159.21	242.51	242.78	178.36	-50.98	8,506.40	661.05	176.09	484.96	1.363 Level 3		
14,850.00	6,133.42	14,861.41	6,159.06	243.35	243.62	178.36	-50.13	8,536.39	661.06	174.42	486.64	1.358 Level 3		
14,880.00	6,133.17	14,891.41	6,158.91	244.19	244.46	178.36	-49.28	8,566.38	661.06	172.75	488.31	1.354 Level 3		
14,910.00	6,132.92	14,921.41	6,158.75	245.03	245.29	178.36	-48.43	8,596.37	661.07	171.08	489.99	1.349 Level 3		
14,940.00	6,132.68	14,951.41	6,158.60	245.87	246.13	178.36	-47.58	8,626.35	661.07	169.41	491.66	1.345 Level 3		
14,970.00	6,132.43	14,981.41	6,158.44	246.71	246.97	178.36	-46.72	8,656.34	661.08	167.74	493.34	1.340 Level 3		
15,000.00	6,132.18	15,011.41	6,158.29	247.55	247.81	178.36	-45.87	8,686.33	661.09	166.07	495.01	1.335 Level 3		
15,030.00	6,131.94	15,041.41	6,158.14	248.39	248.65	178.36	-45.02	8,716.31	661.09	164.40	496.69	1.331 Level 3		
15,060.00	6,131.69	15,071.41	6,157.98	249.23	249.49	178.36	-44.17	8,746.30	661.10	162.73	498.37	1.327 Level 3		
15,090.00	6,131.44	15,101.41	6,157.83	250.07	250.33	178.36	-43.32	8,776.29	661.11	161.06	500.04	1.322 Level 3		
15,120.00	6,131.20	15,131.41	6,157.67	250.91	251.17	178.36	-42.47	8,806.28	661.11	159.40	501.72	1.318 Level 3		
15,150.00	6,130.95	15,161.41	6,157.52	251.75	252.01	178.36	-41.62	8,836.26	661.12	157.73	503.39	1.313 Level 3		
15,180.00	6,130.71	15,191.41	6,157.37	252.58	252.85	178.36	-40.76	8,866.25	661.12	156.06	505.07	1.309 Level 3		
15,210.00	6,130.46	15,221.41	6,157.21	253.42	253.69	178.36	-39.91	8,896.24	661.13	154.39	506.74	1.305 Level 3		
15,240.00	6,130.21	15,251.41	6,157.06	254.26	254.53	178.36	-39.06	8,926.23	661.14	152.72	508.42	1.300 Level 3		
15,270.00	6,129.97	15,281.41	6,156.90	255.10	255.37	178.36	-38.21	8,956.21	661.14	151.05	510.10	1.296 Level 3		
15,300.00	6,129.72	15,311.41	6,156.75	255.94	256.21	178.36	-37.36	8,986.20	661.15	149.38	511.77	1.292 Level 3		
15,330.00	6,129.47	15,341.41	6,156.60	256.78	257.05	178.36	-36.51	9,016.19	661.16	147.71	513.45	1.288 Level 3		
15,360.00	6,129.23	15,371.41	6,156.44	257.62	257.89	178.36	-35.65	9,046.18	661.16	146.04	515.12	1.284 Level 3		
15,390.00	6,128.98	15,401.41	6,156.29	258.46	258.73	178.36	-34.80	9,076.16	661.17	144.37	516.80	1.279 Level 3		
15,420.00	6,128.73	15,431.41	6,156.13	259.30	259.57	178.36	-33.95	9,106.15	661.18	142.70	518.47	1.275 Level 3		
15,450.00	6,128.49	15,461.41	6,155.98	260.14	260.41	178.36	-33.10	9,136.14	661.18	141.03	520.15	1.271 Level 3		
15,480.00	6,128.24	15,491.41	6,155.83	260.98	261.25	178.36	-32.25	9,166.13	661.19	139.36	521.83	1.267 Level 3		
15,510.00	6,127.99	15,521.41	6,155.67	261.82	262.09	178.36	-31.40	9,196.11	661.19	137.69	523.50	1.263 Level 3		
15,540.00	6,127.75	15,551.41	6,155.52	262.66	262.93	178.36	-30.55	9,226.10	661.20	136.02	525.18	1.259 Level 3		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Bill Barrett Corp.	<b>Local Co-ordinate Reference:</b>	Well Anschutz State 5-62-26-1609BH2
<b>Project:</b>	Weld Co., CO	<b>TVD Reference:</b>	WELL @ 4656.00usft (Original Well Elev)
<b>Reference Site:</b>	Sec.26-T5N-R62W	<b>MD Reference:</b>	WELL @ 4656.00usft (Original Well Elev)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Anschutz State 5-62-26-1609BH2	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDMDBBW
<b>Reference Design:</b>	Design #2	<b>Offset TVD Reference:</b>	Reference Datum

Offset Design      Sec.26-T5N-R62W - Anschutz State 5-62-26-1724BH2 - Wellbore #1 - Design #2													Offset Site Error:	0.00 usft
Survey Program:      0-MWD													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Azimuth from North (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
15,570.00	6,127.50	15,581.41	6,155.36	263.50	263.77	178.36	-29.69	9,256.09	661.21	134.36	526.85	1.255	Level 3	
15,600.00	6,127.25	15,611.41	6,155.21	264.34	264.61	178.36	-28.84	9,286.07	661.21	132.69	528.53	1.251	Level 3	
15,630.00	6,127.01	15,641.40	6,155.06	265.18	265.45	178.36	-27.99	9,316.06	661.22	131.02	530.20	1.247	Level 2	
15,660.00	6,126.76	15,671.40	6,154.90	266.02	266.29	178.36	-27.14	9,346.05	661.23	129.35	531.88	1.243	Level 2	
15,690.00	6,126.51	15,701.40	6,154.75	266.86	267.13	178.36	-26.29	9,376.04	661.23	127.68	533.55	1.239	Level 2	
15,720.00	6,126.27	15,731.40	6,154.59	267.70	267.97	178.36	-25.44	9,406.02	661.24	126.01	535.23	1.235	Level 2	
15,750.00	6,126.02	15,761.40	6,154.44	268.54	268.81	178.36	-24.59	9,436.01	661.25	124.34	536.91	1.232	Level 2	
15,780.00	6,125.77	15,791.40	6,154.29	269.38	269.65	178.36	-23.73	9,466.00	661.25	122.67	538.58	1.228	Level 2	
15,810.00	6,125.53	15,821.40	6,154.13	270.22	270.49	178.36	-22.88	9,495.99	661.26	121.00	540.26	1.224	Level 2	
15,840.00	6,125.28	15,851.40	6,153.98	271.06	271.33	178.36	-22.03	9,525.97	661.27	119.33	541.93	1.220	Level 2	
15,870.00	6,125.03	15,881.40	6,153.82	271.90	272.17	178.36	-21.18	9,555.96	661.27	117.67	543.61	1.216	Level 2	
15,900.00	6,124.79	15,911.40	6,153.67	272.74	273.01	178.36	-20.33	9,585.95	661.28	116.00	545.28	1.213	Level 2	
15,930.00	6,124.54	15,941.40	6,153.52	273.58	273.85	178.36	-19.48	9,615.94	661.29	114.33	546.96	1.209	Level 2	
15,960.00	6,124.29	15,971.40	6,153.36	274.42	274.69	178.36	-18.62	9,645.92	661.29	112.66	548.63	1.205	Level 2	
15,990.00	6,124.05	16,001.40	6,153.21	275.26	275.53	178.36	-17.77	9,675.91	661.30	110.99	550.31	1.202	Level 2	
16,020.00	6,123.80	16,031.40	6,153.05	276.09	276.37	178.36	-16.92	9,705.90	661.31	109.32	551.98	1.198	Level 2	
16,050.00	6,123.55	16,061.40	6,152.90	276.93	277.21	178.36	-16.07	9,735.89	661.31	107.65	553.66	1.194	Level 2	
16,080.00	6,123.31	16,091.40	6,152.75	277.77	278.05	178.36	-15.22	9,765.87	661.32	105.98	555.34	1.191	Level 2	
16,110.00	6,123.06	16,121.40	6,152.59	278.61	278.89	178.36	-14.37	9,795.86	661.33	104.32	557.01	1.187	Level 2	
16,140.00	6,122.82	16,151.40	6,152.44	279.45	279.73	178.36	-13.52	9,825.85	661.33	102.65	558.69	1.184	Level 2	
16,170.00	6,122.57	16,181.40	6,152.28	280.29	280.57	178.36	-12.66	9,855.84	661.34	100.98	560.36	1.180	Level 2	
16,200.00	6,122.32	16,211.40	6,152.13	281.13	281.41	178.36	-11.81	9,885.82	661.35	99.31	562.04	1.177	Level 2	
16,211.67	6,122.23	16,223.07	6,152.07	281.46	281.73	178.36	-11.48	9,897.49	661.35	98.66	562.69	1.175	Level 2	
16,230.00	6,122.08	16,236.00	6,152.00	281.97	282.09	178.83	-11.11	9,910.41	661.37	97.81	563.56	1.174	Level 2	
16,239.34	6,122.00	16,236.00	6,152.00	282.24	282.09	179.64	-11.11	9,910.41	661.52	97.70	563.82	1.173	Level 2, SF	

<b>Company:</b>	Bill Barrett Corp.	<b>Local Co-ordinate Reference:</b>	Well Anschutz State 5-62-26-1609BH2
<b>Project:</b>	Weld Co., CO	<b>TVD Reference:</b>	WELL @ 4656.00usft (Original Well Elev)
<b>Reference Site:</b>	Sec.26-T5N-R62W	<b>MD Reference:</b>	WELL @ 4656.00usft (Original Well Elev)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Anschutz State 5-62-26-1609BH2	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDMDBBW
<b>Reference Design:</b>	Design #2	<b>Offset TVD Reference:</b>	Reference Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 0-MWD													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Azimuth from North (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
0.00	0.00	0.00	0.00	0.00	0.00	176.63	-14.20	0.84	14.23					
30.00	30.00	30.00	30.00	0.02	0.03	176.63	-14.20	0.84	14.23	14.18	0.04	322.965		
60.00	60.00	60.00	60.00	0.05	0.06	176.63	-14.20	0.84	14.23	14.12	0.11	134.113		
90.00	90.00	90.00	90.00	0.08	0.08	176.63	-14.20	0.84	14.23	14.06	0.17	84.627		
120.00	120.00	120.00	120.00	0.14	0.14	176.63	-14.20	0.84	14.23	13.95	0.28	51.049		
150.00	150.00	150.00	150.00	0.21	0.21	176.63	-14.20	0.84	14.23	13.81	0.41	34.403		
180.00	180.00	180.00	180.00	0.27	0.27	176.63	-14.20	0.84	14.23	13.68	0.55	25.943		
210.00	210.00	210.00	210.00	0.34	0.34	176.63	-14.20	0.84	14.23	13.54	0.68	20.823		
240.00	240.00	240.00	240.00	0.41	0.41	176.63	-14.20	0.84	14.23	13.41	0.82	17.390		
270.00	270.00	270.00	270.00	0.48	0.48	176.63	-14.20	0.84	14.23	13.27	0.95	14.930		
300.00	300.00	300.00	300.00	0.54	0.54	176.63	-14.20	0.84	14.23	13.14	1.09	13.079		
330.00	330.00	330.00	330.00	0.61	0.61	176.63	-14.20	0.84	14.23	13.01	1.22	11.636		
360.00	360.00	360.00	360.00	0.68	0.68	176.63	-14.20	0.84	14.23	12.87	1.36	10.480		
390.00	390.00	390.00	390.00	0.75	0.75	176.63	-14.20	0.84	14.23	12.74	1.49	9.533		
420.00	420.00	420.00	420.00	0.81	0.81	176.63	-14.20	0.84	14.23	12.60	1.63	8.743		
450.00	450.00	450.00	450.00	0.88	0.88	176.63	-14.20	0.84	14.23	12.47	1.76	8.074		
480.00	480.00	480.00	480.00	0.95	0.95	176.63	-14.20	0.84	14.23	12.33	1.90	7.500		
510.00	510.00	510.00	510.00	1.02	1.02	176.63	-14.20	0.84	14.23	12.20	2.03	7.002		
540.00	540.00	540.00	540.00	1.08	1.08	176.63	-14.20	0.84	14.23	12.06	2.17	6.567		
570.00	570.00	570.00	570.00	1.15	1.15	176.63	-14.20	0.84	14.23	11.93	2.30	6.182		
600.00	600.00	600.00	600.00	1.22	1.22	176.63	-14.20	0.84	14.23	11.79	2.44	5.840		
630.00	630.00	630.00	630.00	1.29	1.29	176.63	-14.20	0.84	14.23	11.66	2.57	5.533		
660.00	660.00	660.00	660.00	1.35	1.35	176.63	-14.20	0.84	14.23	11.52	2.71	5.258		
690.00	690.00	690.00	690.00	1.42	1.42	176.63	-14.20	0.84	14.23	11.39	2.84	5.008		
720.00	720.00	720.00	720.00	1.49	1.49	176.63	-14.20	0.84	14.23	11.25	2.98	4.781		
750.00	750.00	750.00	750.00	1.56	1.56	176.63	-14.20	0.84	14.23	11.12	3.11	4.574		
780.00	780.00	780.00	780.00	1.62	1.62	176.63	-14.20	0.84	14.23	10.98	3.25	4.384		
810.00	810.00	810.00	810.00	1.69	1.69	176.63	-14.20	0.84	14.23	10.85	3.38	4.209		
840.00	840.00	840.00	840.00	1.76	1.76	176.63	-14.20	0.84	14.23	10.71	3.52	4.047		
870.00	870.00	870.00	870.00	1.83	1.83	176.63	-14.20	0.84	14.23	10.58	3.65	3.898		
900.00	900.00	900.00	900.00	1.89	1.89	176.63	-14.20	0.84	14.23	10.44	3.79	3.759 CC		
930.00	930.00	930.03	930.03	1.96	1.96	176.87	-14.18	0.68	14.32	10.41	3.92	3.657		
960.00	960.00	960.06	960.05	2.03	2.02	177.57	-14.12	0.21	14.61	10.56	4.05	3.609		
990.00	989.99	990.08	990.06	2.09	2.09	178.68	-14.01	-0.57	15.09	10.91	4.18	3.611		
1,020.00	1,019.96	1,020.09	1,020.06	2.16	2.15	-179.89	-13.85	-1.66	15.77	11.46	4.31	3.660		
1,050.00	1,049.93	1,050.10	1,050.03	2.23	2.21	-178.22	-13.65	-3.06	16.66	12.22	4.44	3.754		
1,080.00	1,079.88	1,080.09	1,079.97	2.29	2.27	-176.42	-13.41	-4.77	17.76	13.19	4.57	3.889		
1,110.00	1,109.81	1,110.06	1,109.88	2.36	2.34	-174.56	-13.13	-6.79	19.08	14.38	4.70	4.062		
1,140.00	1,139.72	1,140.02	1,139.75	2.43	2.41	-173.14	-12.82	-8.97	20.63	15.80	4.83	4.269		
1,170.00	1,169.60	1,169.97	1,169.62	2.50	2.47	-172.51	-12.51	-11.15	22.40	17.43	4.97	4.510		
1,200.00	1,199.45	1,199.90	1,199.47	2.57	2.54	-172.53	-12.20	-13.32	24.38	19.28	5.10	4.779		
1,230.00	1,229.27	1,229.82	1,229.31	2.64	2.61	-173.05	-11.90	-15.50	26.57	21.33	5.24	5.071		
1,260.00	1,259.06	1,259.73	1,259.13	2.72	2.68	-173.80	-11.59	-17.68	28.91	23.53	5.38	5.375		
1,290.00	1,288.86	1,289.63	1,288.96	2.79	2.74	-174.45	-11.28	-19.85	31.26	25.74	5.52	5.665		
1,320.00	1,318.65	1,319.54	1,318.78	2.87	2.81	-175.01	-10.98	-22.03	33.62	27.96	5.66	5.938		
1,350.00	1,348.44	1,349.44	1,348.61	2.95	2.88	-175.50	-10.67	-24.21	35.97	30.17	5.80	6.198		
1,380.00	1,378.24	1,379.35	1,378.43	3.03	2.95	-175.93	-10.36	-26.38	38.34	32.39	5.95	6.445		
1,410.00	1,408.03	1,409.25	1,408.26	3.10	3.02	-176.30	-10.05	-28.56	40.70	34.61	6.09	6.680		
1,440.00	1,437.82	1,439.16	1,438.08	3.19	3.10	-176.64	-9.75	-30.74	43.06	36.82	6.24	6.902		
1,470.00	1,467.62	1,469.07	1,467.91	3.27	3.17	-176.94	-9.44	-32.91	45.43	39.04	6.38	7.115		
1,500.00	1,497.41	1,498.97	1,497.73	3.35	3.24	-177.21	-9.13	-35.09	47.79	41.26	6.53	7.318		
1,530.00	1,527.20	1,528.88	1,527.56	3.43	3.31	-177.46	-8.83	-37.27	50.16	43.48	6.68	7.510		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Bill Barrett Corp.	<b>Local Co-ordinate Reference:</b>	Well Anschutz State 5-62-26-1609BH2
<b>Project:</b>	Weld Co., CO	<b>TVD Reference:</b>	WELL @ 4656.00usft (Original Well Elev)
<b>Reference Site:</b>	Sec.26-T5N-R62W	<b>MD Reference:</b>	WELL @ 4656.00usft (Original Well Elev)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Anschutz State 5-62-26-1609BH2	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDMDBBW
<b>Reference Design:</b>	Design #2	<b>Offset TVD Reference:</b>	Reference Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 0-MWD													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Azimuth from North (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
1,560.00	1,557.00	1,558.78	1,557.38	3.51	3.38	-177.68	-8.52	-39.44	52.53	45.70	6.83	7.694		
1,590.00	1,586.79	1,588.69	1,587.21	3.60	3.46	-177.89	-8.21	-41.62	54.90	47.92	6.98	7.870		
1,620.00	1,616.58	1,618.59	1,617.03	3.68	3.53	-178.07	-7.90	-43.79	57.27	50.14	7.13	8.037		
1,650.00	1,646.37	1,648.50	1,646.86	3.76	3.60	-178.25	-7.60	-45.97	59.64	52.36	7.28	8.197		
1,680.00	1,676.17	1,678.41	1,676.68	3.85	3.68	-178.41	-7.29	-48.15	62.01	54.58	7.43	8.351		
1,710.00	1,705.96	1,708.31	1,706.51	3.93	3.75	-178.55	-6.98	-50.32	64.38	56.80	7.58	8.499		
1,740.00	1,735.75	1,738.22	1,736.33	4.02	3.83	-178.69	-6.68	-52.50	66.75	59.02	7.73	8.639		
1,770.00	1,765.55	1,768.12	1,766.16	4.11	3.90	-178.82	-6.37	-54.68	69.12	61.24	7.88	8.775		
1,800.00	1,795.34	1,798.03	1,795.98	4.19	3.97	-178.94	-6.06	-56.85	71.49	63.47	8.03	8.904		
1,830.00	1,825.13	1,827.93	1,825.80	4.28	4.05	-179.05	-5.75	-59.03	73.87	65.69	8.18	9.028		
1,860.00	1,854.93	1,857.84	1,855.63	4.37	4.12	-179.15	-5.45	-61.21	76.24	67.91	8.33	9.148		
1,890.00	1,884.72	1,887.75	1,885.45	4.45	4.20	-179.25	-5.14	-63.38	78.61	70.13	8.49	9.263		
1,920.00	1,914.51	1,917.65	1,915.28	4.54	4.27	-179.34	-4.83	-65.56	80.99	72.35	8.64	9.374		
1,950.00	1,944.31	1,947.56	1,945.10	4.63	4.35	-179.43	-4.53	-67.73	83.36	74.57	8.79	9.480		
1,980.00	1,974.10	1,977.46	1,974.93	4.72	4.42	-179.51	-4.22	-69.91	85.73	76.79	8.95	9.583		
2,010.00	2,003.89	2,007.37	2,004.75	4.80	4.50	-179.59	-3.91	-72.09	88.11	79.01	9.10	9.682		
2,040.00	2,033.69	2,037.27	2,034.58	4.89	4.58	-179.67	-3.60	-74.26	90.48	81.23	9.25	9.777		
2,070.00	2,063.48	2,067.18	2,064.40	4.98	4.65	-179.74	-3.30	-76.44	92.85	83.45	9.41	9.869		
2,100.00	2,093.27	2,097.09	2,094.23	5.07	4.73	-179.80	-2.99	-78.62	95.23	85.67	9.56	9.959		
2,130.00	2,123.06	2,126.99	2,124.05	5.16	4.80	-179.87	-2.68	-80.79	97.60	87.89	9.72	10.044		
2,160.00	2,152.86	2,156.90	2,153.88	5.25	4.88	-179.93	-2.37	-82.97	99.98	90.11	9.87	10.127		
2,190.00	2,182.65	2,186.80	2,183.70	5.34	4.96	-179.98	-2.07	-85.15	102.35	92.32	10.03	10.208		
2,220.00	2,212.44	2,216.71	2,213.53	5.43	5.03	179.96	-1.76	-87.32	104.73	94.54	10.18	10.285		
2,250.00	2,242.24	2,246.61	2,243.35	5.52	5.11	179.91	-1.45	-89.50	107.10	96.76	10.34	10.361		
2,280.00	2,272.03	2,276.52	2,273.18	5.61	5.18	179.86	-1.15	-91.67	109.48	98.98	10.49	10.433		
2,310.00	2,301.82	2,306.43	2,303.00	5.70	5.26	179.81	-0.84	-93.85	111.85	101.20	10.65	10.504		
2,340.00	2,331.62	2,336.33	2,332.83	5.79	5.34	179.77	-0.53	-96.03	114.23	103.42	10.80	10.572		
2,370.00	2,361.41	2,366.24	2,362.65	5.88	5.41	179.72	-0.22	-98.20	116.60	105.64	10.96	10.639		
2,400.00	2,391.20	2,396.14	2,392.48	5.97	5.49	179.68	0.08	-100.38	118.98	107.86	11.12	10.703		
2,430.00	2,421.00	2,426.05	2,422.30	6.06	5.57	179.64	0.39	-102.56	121.35	110.08	11.27	10.766		
2,460.00	2,450.79	2,455.95	2,452.13	6.15	5.64	179.60	0.70	-104.73	123.73	112.30	11.43	10.826		
2,490.00	2,480.58	2,485.86	2,481.95	6.24	5.72	179.56	1.00	-106.91	126.10	114.52	11.58	10.885		
2,520.00	2,510.37	2,515.77	2,511.78	6.33	5.80	179.52	1.31	-109.09	128.48	116.74	11.74	10.942		
2,550.00	2,540.17	2,545.67	2,541.60	6.42	5.88	179.49	1.62	-111.26	130.85	118.95	11.90	10.998		
2,580.00	2,569.96	2,575.58	2,571.43	6.51	5.95	179.46	1.93	-113.44	133.23	121.17	12.05	11.052		
2,610.00	2,599.75	2,605.48	2,601.25	6.60	6.03	179.42	2.23	-115.62	135.60	123.39	12.21	11.105		
2,640.00	2,629.55	2,635.39	2,631.08	6.69	6.11	179.39	2.54	-117.79	137.98	125.61	12.37	11.156		
2,670.00	2,659.34	2,665.29	2,660.90	6.78	6.18	179.36	2.85	-119.97	140.35	127.83	12.53	11.206		
2,700.00	2,689.13	2,695.20	2,690.72	6.87	6.26	179.33	3.15	-122.14	142.73	130.05	12.68	11.254		
2,730.00	2,718.93	2,725.11	2,720.55	6.96	6.34	179.30	3.46	-124.32	145.11	132.27	12.84	11.302		
2,760.00	2,748.72	2,755.01	2,750.37	7.06	6.42	179.28	3.77	-126.50	147.48	134.48	13.00	11.348		
2,790.00	2,778.51	2,784.92	2,780.20	7.15	6.49	179.25	4.08	-128.67	149.86	136.70	13.15	11.392		
2,820.00	2,808.31	2,814.82	2,810.02	7.24	6.57	179.22	4.38	-130.85	152.23	138.92	13.31	11.436		
2,850.00	2,838.10	2,844.73	2,839.85	7.33	6.65	179.20	4.69	-133.03	154.61	141.14	13.47	11.479		
2,880.00	2,867.89	2,874.63	2,869.67	7.42	6.73	179.17	5.00	-135.20	156.98	143.36	13.63	11.521		
2,910.00	2,897.69	2,904.54	2,899.50	7.51	6.80	179.15	5.30	-137.38	159.36	145.58	13.78	11.561		
2,940.00	2,927.48	2,934.45	2,929.32	7.60	6.88	179.13	5.61	-139.56	161.74	147.79	13.94	11.601		
2,970.00	2,957.27	2,964.35	2,959.15	7.70	6.96	179.11	5.92	-141.73	164.11	150.01	14.10	11.640		
3,000.00	2,987.06	2,994.26	2,988.97	7.79	7.04	179.08	6.23	-143.91	166.49	152.23	14.26	11.678		
3,030.00	3,016.86	3,024.16	3,018.80	7.88	7.11	179.06	6.53	-146.08	168.86	154.45	14.41	11.714		
3,060.00	3,046.65	3,054.07	3,048.62	7.97	7.19	179.04	6.84	-148.26	171.24	156.67	14.57	11.750		
3,090.00	3,076.44	3,083.97	3,078.45	8.06	7.27	179.02	7.15	-150.44	173.61	158.88	14.73	11.786		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Bill Barrett Corp.	<b>Local Co-ordinate Reference:</b>	Well Anschutz State 5-62-26-1609BH2
<b>Project:</b>	Weld Co., CO	<b>TVD Reference:</b>	WELL @ 4656.00usft (Original Well Elev)
<b>Reference Site:</b>	Sec.26-T5N-R62W	<b>MD Reference:</b>	WELL @ 4656.00usft (Original Well Elev)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Anschutz State 5-62-26-1609BH2	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDMDBBW
<b>Reference Design:</b>	Design #2	<b>Offset TVD Reference:</b>	Reference Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 0-MWD													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Azimuth from North (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
3,120.00	3,106.24	3,113.88	3,108.27	8.16	7.35	179.00	7.46	-152.61	175.99	161.10	14.89	11.820		
3,150.00	3,136.03	3,143.79	3,138.10	8.25	7.42	178.98	7.76	-154.79	178.37	163.32	15.05	11.854		
3,180.00	3,165.82	3,173.69	3,167.92	8.34	7.50	178.97	8.07	-156.97	180.74	165.54	15.21	11.887		
3,210.00	3,195.62	3,203.60	3,197.75	8.43	7.58	178.95	8.38	-159.14	183.12	167.76	15.36	11.919		
3,240.00	3,225.41	3,233.50	3,227.57	8.52	7.66	178.93	8.68	-161.32	185.49	169.97	15.52	11.951		
3,270.00	3,255.20	3,263.41	3,257.40	8.62	7.74	178.91	8.99	-163.50	187.87	172.19	15.68	11.982		
3,300.00	3,285.00	3,293.31	3,287.22	8.71	7.81	178.90	9.30	-165.67	190.25	174.41	15.84	12.012		
3,330.00	3,314.79	3,323.22	3,317.05	8.80	7.89	178.88	9.61	-167.85	192.62	176.63	16.00	12.042		
3,360.00	3,344.58	3,353.13	3,346.87	8.89	7.97	178.87	9.91	-170.02	195.00	178.84	16.15	12.071		
3,390.00	3,374.37	3,383.03	3,376.70	8.98	8.05	178.85	10.22	-172.20	197.38	181.06	16.31	12.099		
3,420.00	3,404.17	3,412.94	3,406.52	9.08	8.13	178.84	10.53	-174.38	199.75	183.28	16.47	12.127		
3,450.00	3,433.96	3,442.84	3,436.35	9.17	8.20	178.82	10.83	-176.55	202.13	185.50	16.63	12.154		
3,480.00	3,463.75	3,472.75	3,466.17	9.26	8.28	178.81	11.14	-178.73	204.50	187.71	16.79	12.181		
3,510.00	3,493.55	3,502.65	3,496.00	9.35	8.36	178.79	11.45	-180.91	206.88	189.93	16.95	12.207		
3,540.00	3,523.34	3,532.56	3,525.82	9.45	8.44	178.78	11.76	-183.08	209.26	192.15	17.11	12.233		
3,570.00	3,553.13	3,562.47	3,555.64	9.54	8.52	178.77	12.06	-185.26	211.63	194.37	17.26	12.258		
3,600.00	3,582.93	3,592.37	3,585.47	9.63	8.59	178.75	12.37	-187.44	214.01	196.58	17.42	12.283		
3,630.00	3,612.72	3,622.28	3,615.29	9.72	8.67	178.74	12.68	-189.61	216.38	198.80	17.58	12.307		
3,660.00	3,642.51	3,652.18	3,645.12	9.82	8.75	178.73	12.98	-191.79	218.76	201.02	17.74	12.331		
3,690.00	3,672.31	3,682.09	3,674.94	9.91	8.83	178.72	13.29	-193.96	221.14	203.24	17.90	12.354		
3,720.00	3,702.10	3,711.99	3,704.77	10.00	8.91	178.70	13.60	-196.14	223.51	205.45	18.06	12.377		
3,750.00	3,731.89	3,741.90	3,734.59	10.09	8.99	178.69	13.91	-198.32	225.89	207.67	18.22	12.400		
3,780.00	3,761.68	3,771.81	3,764.42	10.19	9.06	178.68	14.21	-200.49	228.27	209.89	18.38	12.422		
3,810.00	3,791.48	3,801.71	3,794.24	10.28	9.14	178.67	14.52	-202.67	230.64	212.11	18.53	12.444		
3,840.00	3,821.27	3,831.62	3,824.07	10.37	9.22	178.66	14.83	-204.85	233.02	214.32	18.69	12.465		
3,870.00	3,851.06	3,861.52	3,853.89	10.47	9.30	178.65	15.13	-207.02	235.39	216.54	18.85	12.486		
3,900.00	3,880.86	3,891.43	3,883.72	10.56	9.38	178.64	15.44	-209.20	237.77	218.76	19.01	12.506		
3,930.00	3,910.65	3,921.33	3,913.54	10.65	9.45	178.63	15.75	-211.38	240.15	220.98	19.17	12.527		
3,960.00	3,940.44	3,951.24	3,943.37	10.74	9.53	178.62	16.06	-213.55	242.52	223.19	19.33	12.547		
3,990.00	3,970.24	3,981.15	3,973.19	10.84	9.61	178.61	16.36	-215.73	244.90	225.41	19.49	12.566		
4,020.00	4,000.03	4,011.05	4,003.02	10.93	9.69	178.60	16.67	-217.90	247.28	227.63	19.65	12.585		
4,050.00	4,029.82	4,040.96	4,032.84	11.02	9.77	178.59	16.98	-220.08	249.65	229.85	19.81	12.604		
4,080.00	4,059.62	4,070.86	4,062.67	11.11	9.85	178.58	17.28	-222.26	252.03	232.06	19.97	12.623		
4,110.00	4,089.41	4,100.77	4,092.49	11.21	9.92	178.57	17.59	-224.43	254.40	234.28	20.13	12.641		
4,140.00	4,119.20	4,130.67	4,122.32	11.30	10.00	178.56	17.90	-226.61	256.78	236.50	20.28	12.659		
4,170.00	4,149.00	4,160.58	4,152.14	11.39	10.08	178.55	18.21	-228.79	259.16	238.71	20.44	12.677		
4,200.00	4,178.79	4,190.49	4,181.97	11.49	10.16	178.54	18.51	-230.96	261.53	240.93	20.60	12.694		
4,230.00	4,208.58	4,220.39	4,211.79	11.58	10.24	178.53	18.82	-233.14	263.91	243.15	20.76	12.711		
4,260.00	4,238.37	4,250.30	4,241.62	11.67	10.32	178.53	19.13	-235.32	266.29	245.37	20.92	12.728		
4,290.00	4,268.17	4,280.20	4,271.44	11.76	10.40	178.52	19.44	-237.49	268.66	247.58	21.08	12.745		
4,320.00	4,297.96	4,310.11	4,301.27	11.86	10.47	178.51	19.74	-239.67	271.04	249.80	21.24	12.761		
4,350.00	4,327.75	4,340.01	4,331.09	11.95	10.55	178.50	20.05	-241.84	273.42	252.02	21.40	12.777		
4,380.00	4,357.55	4,369.92	4,360.92	12.04	10.63	178.49	20.36	-244.02	275.79	254.23	21.56	12.793		
4,410.00	4,387.34	4,399.83	4,390.74	12.14	10.71	178.49	20.66	-246.20	278.17	256.45	21.72	12.808		
4,440.00	4,417.13	4,429.73	4,420.56	12.23	10.79	178.48	20.97	-248.37	280.54	258.67	21.88	12.824		
4,470.00	4,446.93	4,459.64	4,450.39	12.32	10.87	178.47	21.28	-250.55	282.92	260.88	22.04	12.839		
4,500.00	4,476.72	4,489.54	4,480.21	12.42	10.94	178.46	21.59	-252.73	285.30	263.10	22.20	12.854		
4,530.00	4,506.51	4,519.45	4,510.04	12.51	11.02	178.46	21.89	-254.90	287.67	265.32	22.36	12.868		
4,560.00	4,536.31	4,549.35	4,539.86	12.60	11.10	178.45	22.20	-257.08	290.05	267.54	22.51	12.883		
4,590.00	4,566.10	4,579.26	4,569.69	12.69	11.18	178.44	22.51	-259.26	292.43	269.75	22.67	12.897		
4,620.00	4,595.89	4,609.17	4,599.51	12.79	11.26	178.44	22.81	-261.43	294.80	271.97	22.83	12.911		
4,650.00	4,625.68	4,639.07	4,629.34	12.88	11.34	178.43	23.12	-263.61	297.18	274.19	22.99	12.925		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



<b>Company:</b>	Bill Barrett Corp.	<b>Local Co-ordinate Reference:</b>	Well Anschutz State 5-62-26-1609BH2
<b>Project:</b>	Weld Co., CO	<b>TVD Reference:</b>	WELL @ 4656.00usft (Original Well Elev)
<b>Reference Site:</b>	Sec.26-T5N-R62W	<b>MD Reference:</b>	WELL @ 4656.00usft (Original Well Elev)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Anschutz State 5-62-26-1609BH2	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDMDBBW
<b>Reference Design:</b>	Design #2	<b>Offset TVD Reference:</b>	Reference Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 0-MWD													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Azimuth from North (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
4,680.00	4,655.48	4,668.98	4,659.16	12.97	11.42	178.42	23.43	-265.79	299.56	276.40	23.15	12.938		
4,710.00	4,685.27	4,698.88	4,688.99	13.07	11.49	178.42	23.74	-267.96	301.93	278.62	23.31	12.952		
4,740.00	4,715.06	4,728.79	4,718.81	13.16	11.57	178.41	24.04	-270.14	304.31	280.84	23.47	12.965		
4,770.00	4,744.86	4,758.69	4,748.64	13.25	11.65	178.40	24.35	-272.31	306.69	283.05	23.63	12.978		
4,800.00	4,774.65	4,788.60	4,778.46	13.35	11.73	178.40	24.66	-274.49	309.06	285.27	23.79	12.991		
4,830.00	4,804.44	4,818.51	4,808.29	13.44	11.81	178.39	24.96	-276.67	311.44	287.49	23.95	13.003		
4,860.00	4,834.24	4,848.41	4,838.11	13.53	11.89	178.39	25.27	-278.84	313.81	289.71	24.11	13.016		
4,890.00	4,864.03	4,878.32	4,867.94	13.63	11.97	178.38	25.58	-281.02	316.19	291.92	24.27	13.028		
4,920.00	4,893.82	4,908.22	4,897.76	13.72	12.04	178.37	25.89	-283.20	318.56	294.14	24.43	13.041		
4,950.00	4,923.64	4,938.14	4,927.60	13.80	12.12	178.39	26.19	-285.37	320.78	296.19	24.58	13.049		
4,980.00	4,953.49	4,968.07	4,957.45	13.87	12.20	178.44	26.50	-287.55	322.74	298.01	24.74	13.047		
5,010.00	4,983.37	4,998.02	4,987.32	13.95	12.28	178.53	26.81	-289.73	324.47	299.58	24.89	13.037		
5,040.00	5,013.28	5,027.98	5,017.19	14.01	12.36	178.65	27.12	-291.91	325.95	300.92	25.03	13.023		
5,070.00	5,043.21	5,057.94	5,047.07	14.07	12.44	178.81	27.42	-294.09	327.19	302.02	25.17	12.999		
5,100.00	5,073.15	5,087.90	5,076.96	14.13	12.52	178.99	27.73	-296.27	328.19	302.88	25.31	12.965		
5,130.00	5,103.12	5,117.45	5,106.43	14.18	12.58	179.19	28.02	-298.33	328.97	303.53	25.43	12.934		
5,160.00	5,133.10	5,146.91	5,135.84	14.23	12.63	179.37	28.27	-300.08	329.55	304.00	25.54	12.901		
5,190.00	5,163.09	5,176.38	5,165.27	14.28	12.69	179.54	28.48	-301.54	329.94	304.29	25.65	12.861		
5,220.00	5,193.08	5,205.87	5,194.74	14.33	12.74	179.68	28.64	-302.70	330.14	304.38	25.76	12.817		
5,250.00	5,223.08	5,235.37	5,224.23	14.37	12.79	179.81	28.76	-303.55	330.14	304.29	25.86	12.769		
5,280.00	5,253.08	5,264.88	5,253.73	14.42	12.85	179.91	28.84	-304.11	330.06	305.18	24.89	13.263		
5,310.00	5,283.08	5,294.40	5,283.25	14.47	12.90	179.95	28.87	-304.37	330.03	305.03	24.99	13.206		
5,325.35	5,298.43	5,309.59	5,298.43	14.50	12.92	179.96	28.88	-304.38	330.02	304.98	25.05	13.175		
5,340.00	5,313.08	5,324.24	5,313.08	14.52	12.95	179.96	28.88	-304.38	330.02	304.92	25.10	13.146		
5,370.00	5,343.08	5,354.24	5,343.08	14.57	13.00	179.96	28.88	-304.38	330.02	304.80	25.22	13.086		
5,400.00	5,373.08	5,384.24	5,373.08	14.63	13.06	179.96	28.88	-304.38	330.02	304.69	25.34	13.026		
5,430.00	5,403.08	5,414.24	5,403.08	14.68	13.11	179.96	28.88	-304.38	330.02	304.57	25.45	12.967		
5,460.00	5,433.08	5,444.24	5,433.08	14.73	13.17	179.96	28.88	-304.38	330.02	304.45	25.57	12.907		
5,490.00	5,463.08	5,474.24	5,463.08	14.79	13.22	179.96	28.88	-304.38	330.02	304.34	25.69	12.847		
5,520.00	5,493.08	5,504.24	5,493.08	14.84	13.28	179.96	28.88	-304.38	330.02	304.22	25.81	12.788		
5,550.00	5,523.08	5,534.24	5,523.08	14.89	13.34	179.96	28.88	-304.38	330.02	304.10	25.93	12.730		
5,580.00	5,553.08	5,564.24	5,553.08	14.95	13.40	179.96	28.88	-304.38	330.02	303.98	26.04	12.672		
5,610.00	5,583.08	5,594.24	5,583.08	15.00	13.45	179.96	28.88	-304.38	330.02	303.86	26.16	12.614		
5,640.00	5,613.08	5,624.24	5,613.08	15.06	13.51	179.96	28.88	-304.38	330.02	303.74	26.28	12.557		
5,670.00	5,643.08	5,654.24	5,643.08	15.11	13.57	179.96	28.88	-304.38	330.02	303.62	26.40	12.500		
5,700.00	5,673.08	5,684.24	5,673.08	15.16	13.63	179.96	28.88	-304.38	330.02	303.50	26.52	12.444		
5,730.00	5,703.08	5,714.24	5,703.08	15.22	13.68	179.96	28.88	-304.38	330.02	303.38	26.64	12.388		
5,740.50	5,713.58	5,724.73	5,713.58	15.24	13.70	179.96	28.88	-304.38	330.02	302.30	27.72	11.904		
5,760.00	5,733.08	5,744.24	5,733.08	15.27	13.74	179.97	28.88	-304.38	330.03	302.23	27.80	11.872		
5,790.00	5,763.04	5,774.19	5,763.04	15.31	13.80	-179.77	28.88	-304.38	330.07	302.16	27.91	11.825		
5,820.00	5,792.85	5,804.00	5,792.85	15.34	13.86	-179.19	28.88	-304.38	330.20	302.17	28.03	11.781		
5,850.00	5,822.39	5,834.71	5,823.54	15.36	13.90	-178.45	28.90	-303.44	330.41	302.28	28.13	11.745		
5,880.00	5,851.54	5,865.74	5,854.42	15.38	13.94	-177.74	28.99	-300.49	330.67	302.46	28.21	11.722		
5,910.00	5,880.19	5,897.06	5,885.34	15.38	13.96	-177.07	29.13	-295.48	330.99	302.72	28.27	11.710		
5,940.00	5,908.22	5,928.69	5,916.15	15.38	13.98	-176.46	29.33	-288.38	331.34	303.04	28.30	11.707		
5,970.00	5,935.53	5,960.63	5,946.72	15.37	13.99	-175.91	29.59	-279.16	331.74	303.42	28.32	11.714		
6,000.00	5,962.01	5,992.86	5,976.88	15.36	13.99	-175.44	29.91	-267.80	332.17	303.85	28.32	11.728		
6,030.00	5,987.55	6,025.40	6,006.47	15.34	13.99	-175.06	30.30	-254.30	332.62	304.31	28.32	11.746		
6,060.00	6,012.06	6,058.23	6,035.33	15.32	13.98	-174.77	30.74	-238.67	333.10	304.79	28.31	11.767		
6,090.00	6,035.42	6,091.35	6,063.28	15.30	13.98	-174.59	31.24	-220.93	333.58	305.28	28.30	11.787		
6,120.00	6,057.57	6,124.74	6,090.16	15.28	13.99	-174.52	31.81	-201.12	334.06	305.75	28.31	11.802		
6,150.00	6,078.39	6,158.40	6,115.78	15.26	14.01	-174.56	32.42	-179.31	334.53	306.20	28.34	11.805		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Bill Barrett Corp.	<b>Local Co-ordinate Reference:</b>	Well Anschutz State 5-62-26-1609BH2
<b>Project:</b>	Weld Co., CO	<b>TVD Reference:</b>	WELL @ 4656.00usft (Original Well Elev)
<b>Reference Site:</b>	Sec.26-T5N-R62W	<b>MD Reference:</b>	WELL @ 4656.00usft (Original Well Elev)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Anschutz State 5-62-26-1609BH2	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDMDBBW
<b>Reference Design:</b>	Design #2	<b>Offset TVD Reference:</b>	Reference Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 0-MWD													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Azimuth from North (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
6,180.00	6,097.82	6,192.31	6,139.97	15.23	14.05	-174.72	33.10	-155.56	334.99	306.59	28.41	11.793		
6,210.00	6,115.78	6,226.46	6,162.56	15.22	14.11	-174.98	33.82	-129.98	335.43	306.91	28.52	11.761		
6,240.00	6,132.20	6,260.81	6,183.39	15.20	14.22	-175.36	34.60	-102.68	335.83	307.13	28.70	11.702		
6,270.00	6,147.00	6,295.36	6,202.30	15.20	14.36	-175.85	35.42	-73.79	336.19	307.24	28.95	11.614		
6,300.00	6,160.14	6,330.07	6,219.14	15.21	14.55	-176.43	36.28	-43.46	336.50	307.23	29.28	11.494		
6,330.00	6,171.56	6,364.93	6,233.79	15.27	14.79	-177.10	37.17	-11.86	336.77	307.07	29.70	11.339		
6,360.00	6,181.21	6,399.89	6,246.14	15.43	15.07	-177.84	38.10	20.84	336.97	306.76	30.21	11.153		
6,390.00	6,189.06	6,434.94	6,256.07	15.70	15.42	-178.65	39.05	54.42	337.11	306.28	30.83	10.935		
6,420.00	6,195.08	6,470.03	6,263.53	16.04	15.81	-179.50	40.03	88.70	337.19	305.66	31.53	10.694		
6,450.00	6,199.24	6,505.15	6,268.45	16.42	16.24	-179.63	41.01	123.45	337.20	304.88	32.32	10.432		
6,480.00	6,201.53	6,540.26	6,270.80	16.84	16.72	-178.74	42.01	158.45	337.15	303.95	33.20	10.156		
6,509.70	6,202.09	6,572.61	6,270.88	17.28	17.20	-178.28	42.92	190.79	337.05	302.95	34.10	9.884		
6,510.00	6,201.96	6,572.92	6,270.88	17.29	17.20	-178.28	42.93	191.09	337.07	302.97	34.11	9.883		
6,540.00	6,201.71	6,602.92	6,270.63	17.78	17.66	-178.28	43.78	221.08	337.08	302.04	35.03	9.621		
6,570.00	6,201.47	6,632.92	6,270.39	18.27	18.18	-178.28	44.63	251.07	337.08	301.07	36.02	9.359		
6,600.00	6,201.22	6,662.92	6,270.14	18.77	18.70	-178.28	45.48	281.05	337.08	300.09	37.00	9.111		
6,630.00	6,200.97	6,692.92	6,269.90	19.33	19.22	-178.28	46.33	311.04	337.09	299.04	38.05	8.859		
6,660.00	6,200.73	6,722.92	6,269.65	19.90	19.79	-178.28	47.18	341.03	337.09	297.93	39.16	8.609		
6,690.00	6,200.48	6,752.92	6,269.40	20.46	20.38	-178.28	48.04	371.02	337.09	296.81	40.28	8.369		
6,720.00	6,200.24	6,782.92	6,269.16	21.07	20.97	-178.28	48.89	401.00	337.10	295.66	41.44	8.135		
6,750.00	6,199.99	6,812.92	6,268.91	21.69	21.58	-178.28	49.74	430.99	337.10	294.46	42.64	7.906		
6,780.00	6,199.74	6,842.92	6,268.66	22.31	22.22	-178.28	50.59	460.98	337.10	293.23	43.87	7.684		
6,810.00	6,199.50	6,872.92	6,268.42	22.94	22.86	-178.28	51.44	490.96	337.11	291.99	45.11	7.472		
6,840.00	6,199.25	6,902.92	6,268.17	23.60	23.50	-178.28	52.29	520.95	337.11	290.72	46.39	7.267		
6,870.00	6,199.00	6,932.92	6,267.92	24.27	24.18	-178.28	53.14	550.94	337.11	289.41	47.70	7.067		
6,900.00	6,198.76	6,962.92	6,267.68	24.93	24.86	-178.28	53.99	580.92	337.12	288.11	49.01	6.878		
6,930.00	6,198.51	6,992.92	6,267.43	25.62	25.53	-178.28	54.84	610.91	337.12	286.77	50.36	6.695		
6,960.00	6,198.26	7,022.92	6,267.18	26.32	26.24	-178.28	55.69	640.90	337.12	285.40	51.72	6.518		
6,990.00	6,198.02	7,052.92	6,266.94	27.01	26.94	-178.28	56.54	670.88	337.13	284.03	53.09	6.350		
7,020.00	6,197.77	7,082.92	6,266.69	27.72	27.65	-178.28	57.39	700.87	337.13	282.65	54.48	6.188		
7,050.00	6,197.52	7,112.92	6,266.44	28.44	28.37	-178.28	58.24	730.86	337.13	281.24	55.89	6.032		
7,080.00	6,197.28	7,142.92	6,266.20	29.16	29.10	-178.28	59.09	760.85	337.14	279.83	57.31	5.883		
7,110.00	6,197.03	7,172.92	6,265.95	29.89	29.83	-178.28	59.94	790.83	337.14	278.40	58.74	5.740		
7,140.00	6,196.78	7,202.92	6,265.70	30.62	30.56	-178.28	60.80	820.82	337.14	276.97	60.18	5.603		
7,170.00	6,196.54	7,232.92	6,265.46	31.36	31.31	-178.28	61.65	850.81	337.15	275.51	61.63	5.470		
7,200.00	6,196.29	7,262.92	6,265.21	32.10	32.06	-178.28	62.50	880.79	337.15	274.06	63.09	5.344		
7,230.00	6,196.04	7,292.92	6,264.97	32.85	32.80	-178.28	63.35	910.78	337.15	272.59	64.56	5.222		
7,260.00	6,195.80	7,322.92	6,264.72	33.61	33.56	-178.28	64.20	940.77	337.16	271.11	66.04	5.105		
7,290.00	6,195.55	7,352.92	6,264.47	34.36	34.32	-178.28	65.05	970.75	337.16	269.63	67.53	4.993		
7,320.00	6,195.30	7,382.92	6,264.23	35.12	35.09	-178.28	65.90	1,000.74	337.16	268.14	69.02	4.885		
7,350.00	6,195.06	7,412.92	6,263.98	35.89	35.85	-178.28	66.75	1,030.73	337.17	266.64	70.53	4.781		
7,380.00	6,194.81	7,442.92	6,263.73	36.66	36.63	-178.28	67.60	1,060.71	337.17	265.14	72.04	4.681		
7,410.00	6,194.56	7,472.92	6,263.49	37.43	37.40	-178.28	68.45	1,090.70	337.17	263.63	73.55	4.584		
7,440.00	6,194.32	7,502.92	6,263.24	38.20	38.17	-178.28	69.30	1,120.69	337.18	262.11	75.07	4.492		
7,470.00	6,194.07	7,532.92	6,262.99	38.98	38.95	-178.28	70.15	1,150.68	337.18	260.59	76.59	4.402		
7,500.00	6,193.82	7,562.92	6,262.75	39.75	39.74	-178.28	71.00	1,180.66	337.18	259.06	78.12	4.316		
7,530.00	6,193.58	7,592.92	6,262.50	40.54	40.52	-178.28	71.85	1,210.65	337.19	257.53	79.66	4.233		
7,560.00	6,193.33	7,622.92	6,262.25	41.32	41.31	-178.28	72.70	1,240.64	337.19	255.99	81.20	4.153		
7,590.00	6,193.08	7,652.92	6,262.01	42.11	42.09	-178.28	73.55	1,270.62	337.19	254.45	82.74	4.075		
7,620.00	6,192.84	7,682.92	6,261.76	42.89	42.88	-178.28	74.41	1,300.61	337.20	252.91	84.29	4.000		
7,650.00	6,192.59	7,712.92	6,261.51	43.68	43.68	-178.28	75.26	1,330.60	337.20	251.36	85.84	3.928		
7,680.00	6,192.35	7,742.92	6,261.27	44.48	44.47	-178.28	76.11	1,360.58	337.20	249.81	87.40	3.858		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Bill Barrett Corp.	<b>Local Co-ordinate Reference:</b>	Well Anschutz State 5-62-26-1609BH2
<b>Project:</b>	Weld Co., CO	<b>TVD Reference:</b>	WELL @ 4656.00usft (Original Well Elev)
<b>Reference Site:</b>	Sec.26-T5N-R62W	<b>MD Reference:</b>	WELL @ 4656.00usft (Original Well Elev)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Anschutz State 5-62-26-1609BH2	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDMDBBW
<b>Reference Design:</b>	Design #2	<b>Offset TVD Reference:</b>	Reference Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 0-MWD													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Azimuth from North (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
7,710.00	6,192.10	7,772.92	6,261.02	45.27	45.27	178.28	76.96	1,390.57	337.21	248.25	88.96	3.791		
7,740.00	6,191.85	7,802.92	6,260.77	46.06	46.06	178.28	77.81	1,420.56	337.21	246.69	90.52	3.725		
7,770.00	6,191.61	7,832.92	6,260.53	46.86	46.86	178.28	78.66	1,450.54	337.22	245.13	92.08	3.662		
7,800.00	6,191.36	7,862.92	6,260.28	47.66	47.66	178.28	79.51	1,480.53	337.22	243.57	93.65	3.601		
7,830.00	6,191.11	7,892.92	6,260.04	48.46	48.46	178.28	80.36	1,510.52	337.22	242.00	95.22	3.541		
7,860.00	6,190.87	7,922.92	6,259.79	49.26	49.27	178.28	81.21	1,540.51	337.23	240.43	96.79	3.484		
7,890.00	6,190.62	7,952.92	6,259.54	50.06	50.07	178.28	82.06	1,570.49	337.23	238.86	98.37	3.428		
7,920.00	6,190.37	7,982.92	6,259.30	50.87	50.88	178.28	82.91	1,600.48	337.23	237.28	99.95	3.374		
7,950.00	6,190.13	8,012.92	6,259.05	51.67	51.68	178.28	83.76	1,630.47	337.24	235.71	101.53	3.322		
7,980.00	6,189.88	8,042.92	6,258.80	52.48	52.49	178.28	84.61	1,660.45	337.24	234.13	103.11	3.271		
8,010.00	6,189.63	8,072.92	6,258.56	53.28	53.30	178.28	85.46	1,690.44	337.24	232.55	104.70	3.221		
8,040.00	6,189.39	8,102.92	6,258.31	54.09	54.11	178.28	86.31	1,720.43	337.25	230.96	106.28	3.173		
8,070.00	6,189.14	8,132.92	6,258.06	54.90	54.92	178.28	87.16	1,750.41	337.25	229.38	107.87	3.126		
8,100.00	6,188.89	8,162.92	6,257.82	55.71	55.73	178.28	88.02	1,780.40	337.25	227.79	109.46	3.081		
8,130.00	6,188.65	8,192.92	6,257.57	56.52	56.54	178.28	88.87	1,810.39	337.26	226.20	111.05	3.037		
8,160.00	6,188.40	8,222.92	6,257.32	57.33	57.36	178.28	89.72	1,840.37	337.26	224.61	112.65	2.994		
8,190.00	6,188.15	8,252.92	6,257.08	58.14	58.17	178.28	90.57	1,870.36	337.26	223.02	114.24	2.952		
8,220.00	6,187.91	8,282.92	6,256.83	58.96	58.99	178.28	91.42	1,900.35	337.27	221.43	115.84	2.911		
8,250.00	6,187.66	8,312.92	6,256.58	59.77	59.80	178.28	92.27	1,930.34	337.27	219.83	117.44	2.872		
8,280.00	6,187.41	8,342.92	6,256.34	60.59	60.62	178.28	93.12	1,960.32	337.27	218.23	119.04	2.833		
8,310.00	6,187.17	8,372.92	6,256.09	61.40	61.44	178.28	93.97	1,990.31	337.28	216.64	120.64	2.796		
8,340.00	6,186.92	8,402.92	6,255.84	62.22	62.25	178.28	94.82	2,020.30	337.28	215.04	122.24	2.759		
8,370.00	6,186.67	8,432.92	6,255.60	63.04	63.07	178.28	95.67	2,050.28	337.28	213.44	123.85	2.723		
8,400.00	6,186.43	8,462.92	6,255.35	63.85	63.89	178.28	96.52	2,080.27	337.29	211.84	125.45	2.689		
8,430.00	6,186.18	8,492.92	6,255.10	64.67	64.71	178.28	97.37	2,110.26	337.29	210.23	127.06	2.655		
8,460.00	6,185.93	8,522.92	6,254.86	65.49	65.53	178.28	98.22	2,140.24	337.29	208.63	128.66	2.622		
8,490.00	6,185.69	8,552.92	6,254.61	66.31	66.35	178.28	99.07	2,170.23	337.30	207.02	130.27	2.589		
8,520.00	6,185.44	8,582.92	6,254.37	67.13	67.17	178.28	99.92	2,200.22	337.30	205.42	131.88	2.558		
8,550.00	6,185.19	8,612.92	6,254.12	67.95	67.99	178.28	100.77	2,230.20	337.30	203.81	133.49	2.527		
8,580.00	6,184.95	8,642.92	6,253.87	68.77	68.81	178.28	101.63	2,260.19	337.31	202.20	135.10	2.497		
8,610.00	6,184.70	8,672.92	6,253.63	69.59	69.64	178.28	102.48	2,290.18	337.31	200.59	136.71	2.467		
8,640.00	6,184.46	8,702.92	6,253.38	70.41	70.46	178.28	103.33	2,320.17	337.31	198.99	138.33	2.439		
8,670.00	6,184.21	8,732.92	6,253.13	71.23	71.28	178.28	104.18	2,350.15	337.32	197.37	139.94	2.410		
8,700.00	6,183.96	8,762.92	6,252.89	72.06	72.11	178.28	105.03	2,380.14	337.32	195.76	141.56	2.383		
8,730.00	6,183.72	8,792.92	6,252.64	72.88	72.93	178.28	105.88	2,410.13	337.32	194.15	143.17	2.356		
8,760.00	6,183.47	8,822.92	6,252.39	73.70	73.75	178.28	106.73	2,440.11	337.33	192.54	144.79	2.330		
8,790.00	6,183.22	8,852.92	6,252.15	74.53	74.58	178.28	107.58	2,470.10	337.33	190.92	146.40	2.304		
8,820.00	6,182.98	8,882.92	6,251.90	75.35	75.40	178.28	108.43	2,500.09	337.33	189.31	148.02	2.279		
8,850.00	6,182.73	8,912.92	6,251.65	76.17	76.23	178.28	109.28	2,530.07	337.34	187.70	149.64	2.254		
8,880.00	6,182.48	8,942.92	6,251.41	77.00	77.06	178.28	110.13	2,560.06	337.34	186.08	151.26	2.230		
8,910.00	6,182.24	8,972.92	6,251.16	77.82	77.88	178.28	110.98	2,590.05	337.34	184.46	152.88	2.207		
8,940.00	6,181.99	9,002.92	6,250.91	78.65	78.71	178.28	111.83	2,620.03	337.35	182.85	154.50	2.183		
8,970.00	6,181.74	9,032.92	6,250.67	79.48	79.53	178.28	112.68	2,650.02	337.35	181.23	156.12	2.161		
9,000.00	6,181.50	9,062.92	6,250.42	80.30	80.36	178.28	113.53	2,680.01	337.35	179.61	157.74	2.139		
9,030.00	6,181.25	9,092.92	6,250.17	81.13	81.19	178.28	114.39	2,710.00	337.36	177.99	159.36	2.117		
9,060.00	6,181.00	9,122.92	6,249.93	81.96	82.02	178.28	115.24	2,739.98	337.36	176.37	160.99	2.096		
9,090.00	6,180.76	9,152.92	6,249.68	82.78	82.84	178.28	116.09	2,769.97	337.36	174.75	162.61	2.075		
9,120.00	6,180.51	9,182.92	6,249.44	83.61	83.67	178.28	116.94	2,799.96	337.37	173.13	164.23	2.054		
9,150.00	6,180.26	9,212.92	6,249.19	84.44	84.50	178.28	117.79	2,829.94	337.37	171.51	165.86	2.034		
9,180.00	6,180.02	9,242.92	6,248.94	85.27	85.33	178.28	118.64	2,859.93	337.37	169.89	167.48	2.014		
9,210.00	6,179.77	9,272.92	6,248.70	86.09	86.16	178.28	119.49	2,889.92	337.38	168.27	169.11	1.995		
9,240.00	6,179.52	9,302.92	6,248.45	86.92	86.99	178.28	120.34	2,919.90	337.38	166.64	170.73	1.976		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Bill Barrett Corp.	<b>Local Co-ordinate Reference:</b>	Well Anschutz State 5-62-26-1609BH2
<b>Project:</b>	Weld Co., CO	<b>TVD Reference:</b>	WELL @ 4656.00usft (Original Well Elev)
<b>Reference Site:</b>	Sec.26-T5N-R62W	<b>MD Reference:</b>	WELL @ 4656.00usft (Original Well Elev)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Anschutz State 5-62-26-1609BH2	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDMDBBW
<b>Reference Design:</b>	Design #2	<b>Offset TVD Reference:</b>	Reference Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 0-MWD													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Azimuth from North (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
9,270.00	6,179.28	9,332.92	6,248.20	87.75	87.82	178.28	121.19	2,949.89	337.38	165.02	172.36	1.957		
9,300.00	6,179.03	9,362.92	6,247.96	88.58	88.65	178.28	122.04	2,979.88	337.39	163.40	173.99	1.939		
9,330.00	6,178.78	9,392.92	6,247.71	89.41	89.48	178.28	122.89	3,009.86	337.39	161.77	175.61	1.921		
9,360.00	6,178.54	9,422.92	6,247.46	90.24	90.31	178.28	123.74	3,039.85	337.39	160.15	177.24	1.904		
9,390.00	6,178.29	9,452.92	6,247.22	91.07	91.14	178.28	124.59	3,069.84	337.40	158.53	178.87	1.886		
9,420.00	6,178.04	9,482.92	6,246.97	91.90	91.97	178.28	125.44	3,099.83	337.40	156.90	180.50	1.869		
9,450.00	6,177.80	9,512.92	6,246.72	92.73	92.80	178.28	126.29	3,129.81	337.40	155.28	182.13	1.853		
9,480.00	6,177.55	9,542.92	6,246.48	93.56	93.63	178.28	127.14	3,159.80	337.41	153.65	183.76	1.836		
9,510.00	6,177.30	9,572.92	6,246.23	94.39	94.46	178.28	128.00	3,189.79	337.41	152.02	185.39	1.820		
9,540.00	6,177.06	9,602.92	6,245.98	95.22	95.29	178.28	128.85	3,219.77	337.41	150.40	187.01	1.804		
9,570.00	6,176.81	9,632.92	6,245.74	96.05	96.12	178.28	129.70	3,249.76	337.42	148.77	188.65	1.789		
9,600.00	6,176.57	9,662.92	6,245.49	96.88	96.95	178.28	130.55	3,279.75	337.42	147.14	190.28	1.773		
9,630.00	6,176.32	9,692.92	6,245.24	97.71	97.78	178.28	131.40	3,309.73	337.42	145.52	191.91	1.758		
9,660.00	6,176.07	9,722.92	6,245.00	98.54	98.62	178.28	132.25	3,339.72	337.43	143.89	193.54	1.743		
9,690.00	6,175.83	9,752.92	6,244.75	99.37	99.45	178.28	133.10	3,369.71	337.43	142.26	195.17	1.729		
9,720.00	6,175.58	9,782.92	6,244.51	100.20	100.28	178.28	133.95	3,399.69	337.43	140.63	196.80	1.715		
9,750.00	6,175.33	9,812.92	6,244.26	101.04	101.11	178.28	134.80	3,429.68	337.44	139.00	198.43	1.701		
9,780.00	6,175.09	9,842.92	6,244.01	101.87	101.95	178.28	135.65	3,459.67	337.44	137.37	200.07	1.687		
9,810.00	6,174.84	9,872.92	6,243.77	102.70	102.78	178.28	136.50	3,489.66	337.44	135.74	201.70	1.673		
9,840.00	6,174.59	9,902.92	6,243.52	103.53	103.61	178.28	137.35	3,519.64	337.45	134.11	203.33	1.660		
9,870.00	6,174.35	9,932.92	6,243.27	104.36	104.44	178.28	138.20	3,549.63	337.45	132.48	204.96	1.646		
9,900.00	6,174.10	9,962.92	6,243.03	105.20	105.28	178.28	139.05	3,579.62	337.45	130.85	206.60	1.633		
9,930.00	6,173.85	9,992.92	6,242.78	106.03	106.11	178.28	139.90	3,609.60	337.46	129.22	208.23	1.621		
9,960.00	6,173.61	10,022.92	6,242.53	106.86	106.94	178.28	140.75	3,639.59	337.46	127.59	209.87	1.608		
9,990.00	6,173.36	10,052.92	6,242.29	107.69	107.78	178.28	141.61	3,669.58	337.46	125.96	211.50	1.596		
10,020.00	6,173.11	10,082.92	6,242.04	108.53	108.61	178.28	142.46	3,699.56	337.47	124.33	213.13	1.583		
10,050.00	6,172.87	10,112.92	6,241.79	109.36	109.44	178.28	143.31	3,729.55	337.47	122.70	214.77	1.571		
10,080.00	6,172.62	10,142.92	6,241.55	110.19	110.28	178.28	144.16	3,759.54	337.47	121.07	216.40	1.559		
10,110.00	6,172.37	10,172.92	6,241.30	111.03	111.11	178.28	145.01	3,789.52	337.48	119.44	218.04	1.548		
10,140.00	6,172.13	10,202.92	6,241.05	111.86	111.94	178.28	145.86	3,819.51	337.48	117.81	219.67	1.536		
10,170.00	6,171.88	10,232.92	6,240.81	112.69	112.78	178.28	146.71	3,849.50	337.48	116.17	221.31	1.525		
10,200.00	6,171.63	10,262.92	6,240.56	113.53	113.61	178.28	147.56	3,879.49	337.49	114.54	222.95	1.514		
10,230.00	6,171.39	10,292.92	6,240.31	114.36	114.45	178.28	148.41	3,909.47	337.49	112.91	224.58	1.503		
10,260.00	6,171.14	10,322.92	6,240.07	115.19	115.28	178.28	149.26	3,939.46	337.49	111.27	226.22	1.492 Level 3		
10,290.00	6,170.89	10,352.92	6,239.82	116.03	116.12	178.28	150.11	3,969.45	337.50	109.64	227.85	1.481 Level 3		
10,320.00	6,170.65	10,382.92	6,239.57	116.86	116.95	178.28	150.96	3,999.43	337.50	108.01	229.49	1.471 Level 3		
10,350.00	6,170.40	10,412.92	6,239.33	117.70	117.78	178.28	151.81	4,029.42	337.50	106.38	231.13	1.460 Level 3		
10,380.00	6,170.15	10,442.92	6,239.08	118.53	118.62	178.28	152.66	4,059.41	337.51	104.74	232.76	1.450 Level 3		
10,410.00	6,169.91	10,472.92	6,238.84	119.36	119.45	178.28	153.51	4,089.39	337.51	103.11	234.40	1.440 Level 3		
10,440.00	6,169.66	10,502.92	6,238.59	120.20	120.29	178.28	154.36	4,119.38	337.51	101.47	236.04	1.430 Level 3		
10,470.00	6,169.42	10,532.92	6,238.34	121.03	121.12	178.28	155.22	4,149.37	337.52	99.84	237.68	1.420 Level 3		
10,500.00	6,169.17	10,562.92	6,238.10	121.87	121.96	178.28	156.07	4,179.35	337.52	98.21	239.31	1.410 Level 3		
10,530.00	6,168.92	10,592.92	6,237.85	122.70	122.79	178.28	156.92	4,209.34	337.52	96.57	240.95	1.401 Level 3		
10,560.00	6,168.68	10,622.92	6,237.60	123.54	123.63	178.28	157.77	4,239.33	337.53	94.94	242.59	1.391 Level 3		
10,590.00	6,168.43	10,652.92	6,237.36	124.37	124.46	178.28	158.62	4,269.32	337.53	93.30	244.23	1.382 Level 3		
10,620.00	6,168.18	10,682.92	6,237.11	125.21	125.30	178.28	159.47	4,299.30	337.53	91.67	245.87	1.373 Level 3		
10,650.00	6,167.94	10,712.92	6,236.86	126.04	126.13	178.28	160.32	4,329.29	337.54	90.03	247.51	1.364 Level 3		
10,680.00	6,167.69	10,742.92	6,236.62	126.88	126.97	178.28	161.17	4,359.28	337.54	88.40	249.14	1.355 Level 3		
10,710.00	6,167.44	10,772.92	6,236.37	127.71	127.81	178.28	162.02	4,389.26	337.54	86.76	250.78	1.346 Level 3		
10,740.00	6,167.20	10,802.92	6,236.12	128.55	128.64	178.28	162.87	4,419.25	337.55	85.12	252.42	1.337 Level 3		
10,770.00	6,166.95	10,832.92	6,235.88	129.38	129.48	178.28	163.72	4,449.24	337.55	83.49	254.06	1.329 Level 3		
10,800.00	6,166.70	10,862.92	6,235.63	130.22	130.31	178.28	164.57	4,479.22	337.55	81.85	255.70	1.320 Level 3		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Bill Barrett Corp.	<b>Local Co-ordinate Reference:</b>	Well Anschutz State 5-62-26-1609BH2
<b>Project:</b>	Weld Co., CO	<b>TVD Reference:</b>	WELL @ 4656.00usft (Original Well Elev)
<b>Reference Site:</b>	Sec.26-T5N-R62W	<b>MD Reference:</b>	WELL @ 4656.00usft (Original Well Elev)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Anschutz State 5-62-26-1609BH2	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDMDBBW
<b>Reference Design:</b>	Design #2	<b>Offset TVD Reference:</b>	Reference Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 0-MWD													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Azimuth from North (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
10,830.00	6,166.46	10,892.92	6,235.38	131.05	131.15	178.28	165.42	4,509.21	337.56	80.22	257.34	1.312	Level 3	
10,860.00	6,166.21	10,922.92	6,235.14	131.89	131.98	178.28	166.27	4,539.20	337.56	78.58	258.98	1.303	Level 3	
10,890.00	6,165.96	10,952.92	6,234.89	132.72	132.82	178.28	167.12	4,569.18	337.56	76.94	260.62	1.295	Level 3	
10,920.00	6,165.72	10,982.92	6,234.64	133.56	133.66	178.28	167.98	4,599.17	337.57	75.31	262.26	1.287	Level 3	
10,950.00	6,165.47	11,012.92	6,234.40	134.40	134.49	178.28	168.83	4,629.16	337.57	73.67	263.90	1.279	Level 3	
10,980.00	6,165.22	11,042.92	6,234.15	135.23	135.33	178.28	169.68	4,659.15	337.57	72.04	265.54	1.271	Level 3	
11,010.00	6,164.98	11,072.92	6,233.91	136.07	136.17	178.28	170.53	4,689.13	337.58	70.40	267.18	1.263	Level 3	
11,040.00	6,164.73	11,102.92	6,233.66	136.90	137.00	178.28	171.38	4,719.12	337.58	68.76	268.82	1.256	Level 3	
11,070.00	6,164.48	11,132.92	6,233.41	137.74	137.84	178.28	172.23	4,749.11	337.58	67.12	270.46	1.248	Level 2	
11,100.00	6,164.24	11,162.92	6,233.17	138.58	138.67	178.28	173.08	4,779.09	337.59	65.49	272.10	1.241	Level 2	
11,130.00	6,163.99	11,192.92	6,232.92	139.41	139.51	178.28	173.93	4,809.08	337.59	63.85	273.74	1.233	Level 2	
11,160.00	6,163.74	11,222.92	6,232.67	140.25	140.35	178.28	174.78	4,839.07	337.59	62.21	275.38	1.226	Level 2	
11,190.00	6,163.50	11,252.92	6,232.43	141.08	141.18	178.28	175.63	4,869.05	337.60	60.58	277.02	1.219	Level 2	
11,220.00	6,163.25	11,282.92	6,232.18	141.92	142.02	178.28	176.48	4,899.04	337.60	58.94	278.66	1.212	Level 2	
11,250.00	6,163.00	11,312.92	6,231.93	142.76	142.86	178.28	177.33	4,929.03	337.60	57.30	280.30	1.204	Level 2	
11,280.00	6,162.76	11,342.92	6,231.69	143.59	143.69	178.28	178.18	4,959.01	337.61	55.66	281.94	1.197	Level 2	
11,310.00	6,162.51	11,372.92	6,231.44	144.43	144.53	178.28	179.03	4,989.00	337.61	54.02	283.59	1.191	Level 2	
11,340.00	6,162.26	11,402.92	6,231.19	145.27	145.37	178.28	179.88	5,018.99	337.61	52.39	285.23	1.184	Level 2	
11,370.00	6,162.02	11,432.92	6,230.95	146.10	146.20	178.28	180.73	5,048.98	337.62	50.75	286.87	1.177	Level 2	
11,400.00	6,161.77	11,462.92	6,230.70	146.94	147.04	178.28	181.59	5,078.96	337.62	49.11	288.51	1.170	Level 2	
11,430.00	6,161.53	11,492.92	6,230.45	147.78	147.88	178.28	182.44	5,108.95	337.62	47.47	290.15	1.164	Level 2	
11,460.00	6,161.28	11,522.92	6,230.21	148.61	148.71	178.28	183.29	5,138.94	337.63	45.83	291.79	1.157	Level 2	
11,490.00	6,161.03	11,552.92	6,229.96	149.45	149.55	178.28	184.14	5,168.92	337.63	44.20	293.43	1.151	Level 2	
11,520.00	6,160.79	11,582.92	6,229.71	150.29	150.39	178.28	184.99	5,198.91	337.63	42.56	295.08	1.144	Level 2	
11,550.00	6,160.54	11,612.92	6,229.47	151.12	151.23	178.28	185.84	5,228.90	337.64	40.92	296.72	1.138	Level 2	
11,580.00	6,160.29	11,642.92	6,229.22	151.96	152.06	178.28	186.69	5,258.88	337.64	39.28	298.36	1.132	Level 2	
11,610.00	6,160.05	11,672.92	6,228.98	152.80	152.90	178.28	187.54	5,288.87	337.64	37.64	300.00	1.125	Level 2	
11,640.00	6,159.80	11,702.92	6,228.73	153.63	153.74	178.28	188.39	5,318.86	337.65	36.00	301.64	1.119	Level 2	
11,670.00	6,159.55	11,732.92	6,228.48	154.47	154.58	178.28	189.24	5,348.84	337.65	34.36	303.29	1.113	Level 2	
11,700.00	6,159.31	11,762.92	6,228.24	155.31	155.41	178.28	190.09	5,378.83	337.65	32.72	304.93	1.107	Level 2	
11,730.00	6,159.06	11,792.92	6,227.99	156.14	156.25	178.28	190.94	5,408.82	337.66	31.08	306.57	1.101	Level 2	
11,760.00	6,158.81	11,822.92	6,227.74	156.98	157.09	178.28	191.79	5,438.81	337.66	29.45	308.21	1.096	Level 2	
11,790.00	6,158.57	11,852.92	6,227.50	157.82	157.92	178.28	192.64	5,468.79	337.66	27.81	309.86	1.090	Level 2	
11,820.00	6,158.32	11,882.92	6,227.25	158.66	158.76	178.28	193.49	5,498.78	337.67	26.17	311.50	1.084	Level 2	
11,850.00	6,158.07	11,912.92	6,227.00	159.49	159.60	178.28	194.34	5,528.77	337.67	24.53	313.14	1.078	Level 2	
11,880.00	6,157.83	11,942.92	6,226.76	160.33	160.44	178.28	195.20	5,558.75	337.67	22.89	314.79	1.073	Level 2	
11,910.00	6,157.58	11,972.92	6,226.51	161.17	161.27	178.28	196.05	5,588.74	337.68	21.25	316.43	1.067	Level 2	
11,940.00	6,157.33	12,002.92	6,226.26	162.01	162.11	178.28	196.90	5,618.73	337.68	19.61	318.07	1.062	Level 2	
11,970.00	6,157.09	12,032.92	6,226.02	162.84	162.95	178.28	197.75	5,648.71	337.68	17.97	319.71	1.056	Level 2	
12,000.00	6,156.84	12,062.92	6,225.77	163.68	163.79	178.28	198.60	5,678.70	337.69	16.33	321.36	1.051	Level 2	
12,030.00	6,156.59	12,092.92	6,225.52	164.52	164.63	178.28	199.45	5,708.69	337.69	14.69	323.00	1.045	Level 2	
12,060.00	6,156.35	12,122.92	6,225.28	165.36	165.46	178.28	200.30	5,738.67	337.69	13.05	324.64	1.040	Level 2	
12,090.00	6,156.10	12,152.92	6,225.03	166.19	166.30	178.28	201.15	5,768.66	337.70	11.41	326.29	1.035	Level 2	
12,120.00	6,155.85	12,182.92	6,224.78	167.03	167.14	178.28	202.00	5,798.65	337.70	9.77	327.93	1.030	Level 2	
12,150.00	6,155.61	12,212.92	6,224.54	167.87	167.98	178.28	202.85	5,828.64	337.70	8.13	329.57	1.025	Level 2	
12,180.00	6,155.36	12,242.92	6,224.29	168.71	168.81	178.28	203.70	5,858.62	337.71	6.49	331.22	1.020	Level 2	
12,210.00	6,155.11	12,272.92	6,224.04	169.54	169.65	178.28	204.55	5,888.61	337.71	4.85	332.86	1.015	Level 2	
12,240.00	6,154.87	12,302.92	6,223.80	170.38	170.49	178.28	205.40	5,918.60	337.71	3.21	334.51	1.010	Level 2	
12,270.00	6,154.62	12,332.92	6,223.55	171.22	171.33	178.28	206.25	5,948.58	337.72	1.57	336.15	1.005	Level 2	
12,300.00	6,154.37	12,362.92	6,223.31	172.06	172.17	178.28	207.10	5,978.57	337.72	-0.07	337.79	1.000	Level 1	
12,330.00	6,154.13	12,392.92	6,223.06	172.89	173.00	178.28	207.96	6,008.56	337.72	-1.71	339.44	0.995	Level 1	
12,360.00	6,153.88	12,422.92	6,222.81	173.73	173.84	178.28	208.81	6,038.54	337.73	-3.35	341.08	0.990	Level 1	

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



<b>Company:</b>	Bill Barrett Corp.	<b>Local Co-ordinate Reference:</b>	Well Anschutz State 5-62-26-1609BH2
<b>Project:</b>	Weld Co., CO	<b>TVD Reference:</b>	WELL @ 4656.00usft (Original Well Elev)
<b>Reference Site:</b>	Sec.26-T5N-R62W	<b>MD Reference:</b>	WELL @ 4656.00usft (Original Well Elev)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Anschutz State 5-62-26-1609BH2	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDMDBBW
<b>Reference Design:</b>	Design #2	<b>Offset TVD Reference:</b>	Reference Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 0-MWD													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Azimuth from North (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
12,390.00	6,153.64	12,452.92	6,222.57	174.57	174.68	178.28	209.66	6,068.53	337.73	-4.99	342.72	0.985	Level 1	
12,420.00	6,153.39	12,482.92	6,222.32	175.41	175.52	178.28	210.51	6,098.52	337.73	-6.64	344.37	0.981	Level 1	
12,450.00	6,153.14	12,512.92	6,222.07	176.25	176.36	178.28	211.36	6,128.50	337.74	-8.28	346.01	0.976	Level 1	
12,480.00	6,152.90	12,542.92	6,221.83	177.08	177.20	178.28	212.21	6,158.49	337.74	-9.92	347.66	0.971	Level 1	
12,510.00	6,152.65	12,572.92	6,221.58	177.92	178.03	178.28	213.06	6,188.48	337.74	-11.56	349.30	0.967	Level 1	
12,540.00	6,152.40	12,602.92	6,221.33	178.76	178.87	178.28	213.91	6,218.47	337.75	-13.20	350.95	0.962	Level 1	
12,570.00	6,152.16	12,632.92	6,221.09	179.60	179.71	178.28	214.76	6,248.45	337.75	-14.84	352.59	0.958	Level 1	
12,600.00	6,151.91	12,662.92	6,220.84	180.44	180.55	178.28	215.61	6,278.44	337.75	-16.48	354.23	0.953	Level 1	
12,630.00	6,151.66	12,692.92	6,220.59	181.27	181.39	178.28	216.46	6,308.43	337.76	-18.12	355.88	0.949	Level 1	
12,660.00	6,151.42	12,722.92	6,220.35	182.11	182.23	178.28	217.31	6,338.41	337.76	-19.76	357.52	0.945	Level 1	
12,690.00	6,151.17	12,752.92	6,220.10	182.95	183.06	178.28	218.16	6,368.40	337.76	-21.40	359.17	0.940	Level 1	
12,720.00	6,150.92	12,782.92	6,219.85	183.79	183.90	178.28	219.01	6,398.39	337.77	-23.05	360.81	0.936	Level 1	
12,750.00	6,150.68	12,812.92	6,219.61	184.63	184.74	178.28	219.86	6,428.37	337.77	-24.69	362.46	0.932	Level 1	
12,780.00	6,150.43	12,842.92	6,219.36	185.47	185.58	178.28	220.71	6,458.36	337.77	-26.33	364.10	0.928	Level 1	
12,810.00	6,150.18	12,872.92	6,219.11	186.30	186.42	178.28	221.57	6,488.35	337.78	-27.97	365.75	0.924	Level 1	
12,840.00	6,149.94	12,902.92	6,218.87	187.14	187.26	178.28	222.42	6,518.33	337.78	-29.61	367.39	0.919	Level 1	
12,870.00	6,149.69	12,932.92	6,218.62	187.98	188.09	178.28	223.27	6,548.32	337.78	-31.25	369.04	0.915	Level 1	
12,900.00	6,149.44	12,962.92	6,218.38	188.82	188.93	178.28	224.12	6,578.31	337.79	-32.89	370.68	0.911	Level 1	
12,930.00	6,149.20	12,992.92	6,218.13	189.66	189.77	178.28	224.97	6,608.30	337.79	-34.54	372.33	0.907	Level 1	
12,960.00	6,148.95	13,022.92	6,217.88	190.50	190.61	178.28	225.82	6,638.28	337.79	-36.18	373.97	0.903	Level 1	
12,990.00	6,148.70	13,052.92	6,217.64	191.33	191.45	178.28	226.67	6,668.27	337.80	-37.82	375.62	0.899	Level 1	
13,020.00	6,148.46	13,082.92	6,217.39	192.17	192.29	178.28	227.52	6,698.26	337.80	-39.46	377.26	0.895	Level 1	
13,050.00	6,148.21	13,112.92	6,217.14	193.01	193.13	178.28	228.37	6,728.24	337.80	-41.10	378.91	0.892	Level 1	
13,080.00	6,147.96	13,142.92	6,216.90	193.85	193.96	178.28	229.22	6,758.23	337.81	-42.74	380.55	0.888	Level 1	
13,110.00	6,147.72	13,172.92	6,216.65	194.69	194.80	178.28	230.07	6,788.22	337.81	-44.39	382.20	0.884	Level 1	
13,140.00	6,147.47	13,202.92	6,216.40	195.53	195.64	178.28	230.92	6,818.20	337.81	-46.03	383.84	0.880	Level 1	
13,170.00	6,147.22	13,232.92	6,216.16	196.36	196.48	178.28	231.77	6,848.19	337.82	-47.67	385.49	0.876	Level 1	
13,200.00	6,146.98	13,262.92	6,215.91	197.20	197.32	178.28	232.62	6,878.18	337.82	-49.31	387.13	0.873	Level 1	
13,230.00	6,146.73	13,292.92	6,215.66	198.04	198.16	178.28	233.47	6,908.17	337.82	-50.95	388.78	0.869	Level 1	
13,260.00	6,146.48	13,322.92	6,215.42	198.88	199.00	178.28	234.32	6,938.15	337.83	-52.60	390.42	0.865	Level 1	
13,290.00	6,146.24	13,352.92	6,215.17	199.72	199.84	178.28	235.18	6,968.14	337.83	-54.24	392.07	0.862	Level 1	
13,320.00	6,145.99	13,382.92	6,214.92	200.56	200.67	178.28	236.03	6,998.13	337.83	-55.88	393.71	0.858	Level 1	
13,350.00	6,145.75	13,412.92	6,214.68	201.40	201.51	178.28	236.88	7,028.11	337.84	-57.52	395.36	0.855	Level 1	
13,380.00	6,145.50	13,442.92	6,214.43	202.24	202.35	178.28	237.73	7,058.10	337.84	-59.16	397.00	0.851	Level 1	
13,410.00	6,145.25	13,472.92	6,214.18	203.07	203.19	178.28	238.58	7,088.09	337.84	-60.81	398.65	0.847	Level 1	
13,440.00	6,145.01	13,502.92	6,213.94	203.91	204.03	178.28	239.43	7,118.07	337.85	-62.45	400.30	0.844	Level 1	
13,470.00	6,144.76	13,532.92	6,213.69	204.75	204.87	178.28	240.28	7,148.06	337.85	-64.09	401.94	0.841	Level 1	
13,500.00	6,144.51	13,562.92	6,213.45	205.59	205.71	178.28	241.13	7,178.05	337.85	-65.73	403.59	0.837	Level 1	
13,530.00	6,144.27	13,592.92	6,213.20	206.43	206.55	178.28	241.98	7,208.03	337.86	-67.38	405.23	0.834	Level 1	
13,560.00	6,144.02	13,622.92	6,212.95	207.27	207.39	178.28	242.83	7,238.02	337.86	-69.02	406.88	0.830	Level 1	
13,590.00	6,143.77	13,652.92	6,212.71	208.11	208.22	178.28	243.68	7,268.01	337.86	-70.66	408.52	0.827	Level 1	
13,620.00	6,143.53	13,682.92	6,212.46	208.95	209.06	178.28	244.53	7,298.00	337.87	-72.30	410.17	0.824	Level 1	
13,650.00	6,143.28	13,712.92	6,212.21	209.78	209.90	178.28	245.38	7,327.98	337.87	-73.95	411.82	0.820	Level 1	
13,680.00	6,143.03	13,742.92	6,211.97	210.62	210.74	178.28	246.23	7,357.97	337.87	-75.59	413.46	0.817	Level 1	
13,710.00	6,142.79	13,772.92	6,211.72	211.46	211.58	178.28	247.08	7,387.96	337.88	-77.23	415.11	0.814	Level 1	
13,740.00	6,142.54	13,802.92	6,211.47	212.30	212.42	178.28	247.93	7,417.94	337.88	-78.87	416.75	0.811	Level 1	
13,770.00	6,142.29	13,832.92	6,211.23	213.14	213.26	178.28	248.79	7,447.93	337.88	-80.52	418.40	0.808	Level 1	
13,800.00	6,142.05	13,862.92	6,210.98	213.98	214.10	178.28	249.64	7,477.92	337.89	-82.16	420.05	0.804	Level 1	
13,830.00	6,141.80	13,892.92	6,210.73	214.82	214.94	178.28	250.49	7,507.90	337.89	-83.80	421.69	0.801	Level 1	
13,860.00	6,141.55	13,922.92	6,210.49	215.66	215.78	178.28	251.34	7,537.89	337.89	-85.44	423.34	0.798	Level 1	
13,890.00	6,141.31	13,952.92	6,210.24	216.50	216.62	178.28	252.19	7,567.88	337.90	-87.09	424.98	0.795	Level 1	
13,920.00	6,141.06	13,982.92	6,209.99	217.33	217.45	178.28	253.04	7,597.86	337.90	-88.73	426.63	0.792	Level 1	

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



<b>Company:</b>	Bill Barrett Corp.	<b>Local Co-ordinate Reference:</b>	Well Anschutz State 5-62-26-1609BH2
<b>Project:</b>	Weld Co., CO	<b>TVD Reference:</b>	WELL @ 4656.00usft (Original Well Elev)
<b>Reference Site:</b>	Sec.26-T5N-R62W	<b>MD Reference:</b>	WELL @ 4656.00usft (Original Well Elev)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Anschutz State 5-62-26-1609BH2	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDMDBBW
<b>Reference Design:</b>	Design #2	<b>Offset TVD Reference:</b>	Reference Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 0-MWD													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Azimuth from North (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
13,950.00	6,140.81	14,012.92	6,209.75	218.17	218.29	178.28	253.89	7,627.85	337.90	-90.37	428.28	0.789	Level 1	
13,980.00	6,140.57	14,042.92	6,209.50	219.01	219.13	178.28	254.74	7,657.84	337.91	-92.02	429.92	0.786	Level 1	
14,010.00	6,140.32	14,072.92	6,209.25	219.85	219.97	178.28	255.59	7,687.83	337.91	-93.66	431.57	0.783	Level 1	
14,040.00	6,140.07	14,102.92	6,209.01	220.69	220.81	178.28	256.44	7,717.81	337.91	-95.30	433.22	0.780	Level 1	
14,070.00	6,139.83	14,132.92	6,208.76	221.53	221.65	178.28	257.29	7,747.80	337.92	-96.94	434.86	0.777	Level 1	
14,100.00	6,139.58	14,162.92	6,208.52	222.37	222.49	178.28	258.14	7,777.79	337.92	-98.59	436.51	0.774	Level 1	
14,130.00	6,139.33	14,192.92	6,208.27	223.21	223.33	178.28	258.99	7,807.77	337.92	-100.23	438.15	0.771	Level 1	
14,160.00	6,139.09	14,222.92	6,208.02	224.05	224.17	178.28	259.84	7,837.76	337.93	-101.87	439.80	0.768	Level 1	
14,190.00	6,138.84	14,252.92	6,207.78	224.89	225.01	178.28	260.69	7,867.75	337.93	-103.52	441.45	0.766	Level 1	
14,220.00	6,138.60	14,282.92	6,207.53	225.73	225.85	178.28	261.55	7,897.73	337.93	-105.16	443.09	0.763	Level 1	
14,250.00	6,138.35	14,312.92	6,207.28	226.56	226.69	178.28	262.40	7,927.72	337.94	-106.80	444.74	0.760	Level 1	
14,280.00	6,138.10	14,342.92	6,207.04	227.40	227.53	178.28	263.25	7,957.71	337.94	-108.45	446.39	0.757	Level 1	
14,310.00	6,137.86	14,372.92	6,206.79	228.24	228.36	178.28	264.10	7,987.69	337.94	-110.09	448.03	0.754	Level 1	
14,340.00	6,137.61	14,402.92	6,206.54	229.08	229.20	178.28	264.95	8,017.68	337.95	-111.73	449.68	0.752	Level 1	
14,370.00	6,137.36	14,432.92	6,206.30	229.92	230.04	178.28	265.80	8,047.67	337.95	-113.38	451.33	0.749	Level 1	
14,400.00	6,137.12	14,462.92	6,206.05	230.76	230.88	178.28	266.65	8,077.66	337.95	-115.02	452.97	0.746	Level 1	
14,430.00	6,136.87	14,492.92	6,205.80	231.60	231.72	178.28	267.50	8,107.64	337.96	-116.66	454.62	0.743	Level 1	
14,460.00	6,136.62	14,522.92	6,205.56	232.44	232.56	178.28	268.35	8,137.63	337.96	-118.31	456.27	0.741	Level 1	
14,490.00	6,136.38	14,552.92	6,205.31	233.28	233.40	178.28	269.20	8,167.62	337.96	-119.95	457.91	0.738	Level 1	
14,520.00	6,136.13	14,582.92	6,205.06	234.12	234.24	178.28	270.05	8,197.60	337.97	-121.59	459.56	0.735	Level 1	
14,550.00	6,135.88	14,612.92	6,204.82	234.96	235.08	178.28	270.90	8,227.59	337.97	-123.24	461.21	0.733	Level 1	
14,580.00	6,135.64	14,642.92	6,204.57	235.80	235.92	178.28	271.75	8,257.58	337.97	-124.88	462.85	0.730	Level 1	
14,610.00	6,135.39	14,672.92	6,204.32	236.64	236.76	178.28	272.60	8,287.56	337.98	-126.52	464.50	0.728	Level 1	
14,640.00	6,135.14	14,702.92	6,204.08	237.47	237.60	178.28	273.45	8,317.55	337.98	-128.17	466.15	0.725	Level 1	
14,670.00	6,134.90	14,732.92	6,203.83	238.31	238.44	178.28	274.30	8,347.54	337.98	-129.81	467.79	0.723	Level 1	
14,700.00	6,134.65	14,762.92	6,203.58	239.15	239.28	178.28	275.16	8,377.52	337.99	-131.45	469.44	0.720	Level 1	
14,730.00	6,134.40	14,792.92	6,203.34	239.99	240.12	178.28	276.01	8,407.51	337.99	-133.10	471.09	0.717	Level 1	
14,760.00	6,134.16	14,822.92	6,203.09	240.83	240.96	178.28	276.86	8,437.50	337.99	-134.74	472.73	0.715	Level 1	
14,790.00	6,133.91	14,852.92	6,202.85	241.67	241.80	178.28	277.71	8,467.49	338.00	-136.38	474.38	0.713	Level 1	
14,820.00	6,133.66	14,882.92	6,202.60	242.51	242.63	178.28	278.56	8,497.47	338.00	-138.03	476.03	0.710	Level 1	
14,850.00	6,133.42	14,912.92	6,202.35	243.35	243.47	178.28	279.41	8,527.46	338.00	-139.67	477.67	0.708	Level 1	
14,880.00	6,133.17	14,942.92	6,202.11	244.19	244.31	178.28	280.26	8,557.45	338.01	-141.31	479.32	0.705	Level 1	
14,910.00	6,132.92	14,972.92	6,201.86	245.03	245.15	178.28	281.11	8,587.43	338.01	-142.96	480.97	0.703	Level 1	
14,940.00	6,132.68	15,002.92	6,201.61	245.87	245.99	178.28	281.96	8,617.42	338.01	-144.60	482.62	0.700	Level 1	
14,970.00	6,132.43	15,032.92	6,201.37	246.71	246.83	178.28	282.81	8,647.41	338.02	-146.24	484.26	0.698	Level 1	
15,000.00	6,132.18	15,062.92	6,201.12	247.55	247.67	178.28	283.66	8,677.39	338.02	-147.89	485.91	0.696	Level 1	
15,030.00	6,131.94	15,092.92	6,200.87	248.39	248.51	178.28	284.51	8,707.38	338.02	-149.53	487.56	0.693	Level 1	
15,060.00	6,131.69	15,122.92	6,200.63	249.23	249.35	178.28	285.36	8,737.37	338.03	-151.18	489.20	0.691	Level 1	
15,090.00	6,131.44	15,152.92	6,200.38	250.07	250.19	178.28	286.21	8,767.35	338.03	-152.82	490.85	0.689	Level 1	
15,120.00	6,131.20	15,182.92	6,200.13	250.91	251.03	178.28	287.06	8,797.34	338.03	-154.46	492.50	0.686	Level 1	
15,150.00	6,130.95	15,212.92	6,199.89	251.75	251.87	178.28	287.91	8,827.33	338.04	-156.11	494.15	0.684	Level 1	
15,180.00	6,130.71	15,242.92	6,199.64	252.58	252.71	178.28	288.77	8,857.32	338.04	-157.75	495.79	0.682	Level 1	
15,210.00	6,130.46	15,272.92	6,199.39	253.42	253.55	178.28	289.62	8,887.30	338.04	-159.40	497.44	0.680	Level 1	
15,240.00	6,130.21	15,302.92	6,199.15	254.26	254.39	178.28	290.47	8,917.29	338.05	-161.04	499.09	0.677	Level 1	
15,270.00	6,129.97	15,332.92	6,198.90	255.10	255.23	178.28	291.32	8,947.28	338.05	-162.68	500.73	0.675	Level 1	
15,300.00	6,129.72	15,362.92	6,198.65	255.94	256.07	178.28	292.17	8,977.26	338.05	-164.33	502.38	0.673	Level 1	
15,330.00	6,129.47	15,392.92	6,198.41	256.78	256.91	178.28	293.02	9,007.25	338.06	-165.97	504.03	0.671	Level 1	
15,360.00	6,129.23	15,422.92	6,198.16	257.62	257.75	178.28	293.87	9,037.24	338.06	-167.61	505.68	0.669	Level 1	
15,390.00	6,128.98	15,452.92	6,197.92	258.46	258.59	178.28	294.72	9,067.22	338.06	-169.26	507.32	0.666	Level 1	
15,420.00	6,128.73	15,482.92	6,197.67	259.30	259.43	178.28	295.57	9,097.21	338.07	-170.90	508.97	0.664	Level 1	
15,450.00	6,128.49	15,512.92	6,197.42	260.14	260.27	178.28	296.42	9,127.20	338.07	-172.55	510.62	0.662	Level 1	
15,480.00	6,128.24	15,542.92	6,197.18	260.98	261.11	178.28	297.27	9,157.18	338.07	-174.19	512.27	0.660	Level 1	

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Bill Barrett Corp.	<b>Local Co-ordinate Reference:</b>	Well Anschutz State 5-62-26-1609BH2
<b>Project:</b>	Weld Co., CO	<b>TVD Reference:</b>	WELL @ 4656.00usft (Original Well Elev)
<b>Reference Site:</b>	Sec.26-T5N-R62W	<b>MD Reference:</b>	WELL @ 4656.00usft (Original Well Elev)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Anschutz State 5-62-26-1609BH2	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDMDBBW
<b>Reference Design:</b>	Design #2	<b>Offset TVD Reference:</b>	Reference Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 0-MWD													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Azimuth from North (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
15,510.00	6,127.99	15,572.92	6,196.93	261.82	261.95	178.28	298.12	9,187.17	338.08	-175.83	513.91	0.658	Level 1	
15,540.00	6,127.75	15,602.92	6,196.68	262.66	262.79	178.28	298.97	9,217.16	338.08	-177.48	515.56	0.656	Level 1	
15,570.00	6,127.50	15,632.92	6,196.44	263.50	263.63	178.28	299.82	9,247.15	338.08	-179.12	517.21	0.654	Level 1	
15,600.00	6,127.25	15,662.92	6,196.19	264.34	264.47	178.28	300.67	9,277.13	338.09	-180.77	518.85	0.652	Level 1	
15,630.00	6,127.01	15,692.92	6,195.94	265.18	265.31	178.28	301.52	9,307.12	338.09	-182.41	520.50	0.650	Level 1	
15,660.00	6,126.76	15,722.92	6,195.70	266.02	266.15	178.28	302.38	9,337.11	338.09	-184.06	522.15	0.648	Level 1	
15,690.00	6,126.51	15,752.92	6,195.45	266.86	266.98	178.28	303.23	9,367.09	338.10	-185.70	523.80	0.645	Level 1	
15,720.00	6,126.27	15,782.92	6,195.20	267.70	267.82	178.28	304.08	9,397.08	338.10	-187.34	525.44	0.643	Level 1	
15,750.00	6,126.02	15,812.92	6,194.96	268.54	268.66	178.28	304.93	9,427.07	338.10	-188.99	527.09	0.641	Level 1	
15,780.00	6,125.77	15,842.92	6,194.71	269.38	269.50	178.28	305.78	9,457.05	338.11	-190.63	528.74	0.639	Level 1	
15,810.00	6,125.53	15,872.92	6,194.46	270.22	270.34	178.28	306.63	9,487.04	338.11	-192.28	530.39	0.637	Level 1	
15,840.00	6,125.28	15,902.92	6,194.22	271.06	271.18	178.28	307.48	9,517.03	338.11	-193.92	532.04	0.636	Level 1	
15,870.00	6,125.03	15,932.92	6,193.97	271.90	272.02	178.28	308.33	9,547.01	338.12	-195.56	533.68	0.634	Level 1	
15,900.00	6,124.79	15,962.92	6,193.72	272.74	272.86	178.28	309.18	9,577.00	338.12	-197.21	535.33	0.632	Level 1	
15,930.00	6,124.54	15,992.92	6,193.48	273.58	273.70	178.28	310.03	9,606.99	338.12	-198.85	536.98	0.630	Level 1	
15,960.00	6,124.29	16,022.92	6,193.23	274.42	274.54	178.28	310.88	9,636.98	338.13	-200.50	538.63	0.628	Level 1	
15,990.00	6,124.05	16,052.92	6,192.99	275.26	275.38	178.28	311.73	9,666.96	338.13	-202.14	540.27	0.626	Level 1	
16,020.00	6,123.80	16,082.92	6,192.74	276.09	276.22	178.28	312.58	9,696.95	338.13	-203.79	541.92	0.624	Level 1	
16,050.00	6,123.55	16,112.92	6,192.49	276.93	277.06	178.28	313.43	9,726.94	338.14	-205.43	543.57	0.622	Level 1	
16,080.00	6,123.31	16,142.92	6,192.25	277.77	277.90	178.28	314.28	9,756.92	338.14	-207.07	545.22	0.620	Level 1	
16,110.00	6,123.06	16,172.92	6,192.00	278.61	278.74	178.28	315.14	9,786.91	338.14	-208.72	546.86	0.618	Level 1	
16,140.00	6,122.82	16,202.92	6,191.75	279.45	279.58	178.28	315.99	9,816.90	338.15	-210.36	548.51	0.616	Level 1	
16,170.00	6,122.57	16,232.92	6,191.51	280.29	280.42	178.28	316.84	9,846.88	338.15	-212.01	550.16	0.615	Level 1	
16,200.00	6,122.32	16,262.92	6,191.26	281.13	281.26	178.28	317.69	9,876.87	338.15	-213.65	551.81	0.613	Level 1	
16,230.00	6,122.08	16,292.92	6,191.01	281.97	282.10	178.28	318.54	9,906.86	338.16	-215.30	553.46	0.611	Level 1	
16,239.34	6,122.00	16,294.10	6,191.00	282.24	282.14	179.69	318.57	9,908.05	338.26	-215.49	553.74	0.611	Level 1, ES, SF	

<b>Company:</b>	Bill Barrett Corp.	<b>Local Co-ordinate Reference:</b>	Well Anschutz State 5-62-26-1609BH2
<b>Project:</b>	Weld Co., CO	<b>TVD Reference:</b>	WELL @ 4656.00usft (Original Well Elev)
<b>Reference Site:</b>	Sec.26-T5N-R62W	<b>MD Reference:</b>	WELL @ 4656.00usft (Original Well Elev)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Anschutz State 5-62-26-1609BH2	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDMDBBW
<b>Reference Design:</b>	Design #2	<b>Offset TVD Reference:</b>	Reference Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 0-MWD													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Azimuth from North (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
0.00	0.00	0.00	0.00	0.00	0.00	179.20	-59.75	0.84	59.75					
30.00	30.00	30.00	30.00	0.02	0.03	179.20	-59.75	0.84	59.75	59.71	0.04	1,356.382		
60.00	60.00	60.00	60.00	0.05	0.06	179.20	-59.75	0.84	59.75	59.65	0.11	563.243		
90.00	90.00	90.00	90.00	0.08	0.08	179.20	-59.75	0.84	59.75	59.59	0.17	355.415		
120.00	120.00	120.00	120.00	0.14	0.14	179.20	-59.75	0.84	59.75	59.48	0.28	214.396		
150.00	150.00	150.00	150.00	0.21	0.21	179.20	-59.75	0.84	59.75	59.34	0.41	144.484		
180.00	180.00	180.00	180.00	0.27	0.27	179.20	-59.75	0.84	59.75	59.21	0.55	108.955		
210.00	210.00	210.00	210.00	0.34	0.34	179.20	-59.75	0.84	59.75	59.07	0.68	87.451		
240.00	240.00	240.00	240.00	0.41	0.41	179.20	-59.75	0.84	59.75	58.94	0.82	73.036		
270.00	270.00	270.00	270.00	0.48	0.48	179.20	-59.75	0.84	59.75	58.80	0.95	62.701		
300.00	300.00	300.00	300.00	0.54	0.54	179.20	-59.75	0.84	59.75	58.67	1.09	54.928		
330.00	330.00	330.00	330.00	0.61	0.61	179.20	-59.75	0.84	59.75	58.53	1.22	48.870		
360.00	360.00	360.00	360.00	0.68	0.68	179.20	-59.75	0.84	59.75	58.40	1.36	44.015		
390.00	390.00	390.00	390.00	0.75	0.75	179.20	-59.75	0.84	59.75	58.26	1.49	40.038		
420.00	420.00	420.00	420.00	0.81	0.81	179.20	-59.75	0.84	59.75	58.13	1.63	36.720		
450.00	450.00	450.00	450.00	0.88	0.88	179.20	-59.75	0.84	59.75	57.99	1.76	33.910		
480.00	480.00	480.00	480.00	0.95	0.95	179.20	-59.75	0.84	59.75	57.86	1.90	31.499		
510.00	510.00	510.00	510.00	1.02	1.02	179.20	-59.75	0.84	59.75	57.72	2.03	29.408		
540.00	540.00	540.00	540.00	1.08	1.08	179.20	-59.75	0.84	59.75	57.59	2.17	27.578		
570.00	570.00	570.00	570.00	1.15	1.15	179.20	-59.75	0.84	59.75	57.45	2.30	25.962		
600.00	600.00	600.00	600.00	1.22	1.22	179.20	-59.75	0.84	59.75	57.32	2.44	24.525		
630.00	630.00	630.00	630.00	1.29	1.29	179.20	-59.75	0.84	59.75	57.18	2.57	23.239		
660.00	660.00	660.00	660.00	1.35	1.35	179.20	-59.75	0.84	59.75	57.05	2.71	22.081		
690.00	690.00	690.00	690.00	1.42	1.42	179.20	-59.75	0.84	59.75	56.91	2.84	21.033		
720.00	720.00	720.00	720.00	1.49	1.49	179.20	-59.75	0.84	59.75	56.78	2.98	20.079		
750.00	750.00	750.00	750.00	1.56	1.56	179.20	-59.75	0.84	59.75	56.64	3.11	19.209		
780.00	780.00	780.00	780.00	1.62	1.62	179.20	-59.75	0.84	59.75	56.51	3.25	18.411		
810.00	810.00	810.00	810.00	1.69	1.69	179.20	-59.75	0.84	59.75	56.37	3.38	17.676		
840.00	840.00	840.00	840.00	1.76	1.76	179.20	-59.75	0.84	59.75	56.24	3.52	16.998		
870.00	870.00	870.00	870.00	1.83	1.83	179.20	-59.75	0.84	59.75	56.10	3.65	16.370		
900.00	900.00	900.00	900.00	1.89	1.89	179.20	-59.75	0.84	59.75	55.97	3.79	15.787 CC, ES		
930.00	930.00	929.42	929.42	1.96	1.95	179.15	-59.89	0.79	60.02	56.11	3.91	15.350		
960.00	960.00	958.82	958.82	2.03	2.01	179.01	-60.32	0.64	60.82	56.78	4.04	15.072		
990.00	989.99	988.20	988.19	2.09	2.07	178.79	-61.03	0.40	62.15	57.99	4.16	14.939		
1,020.00	1,019.96	1,017.53	1,017.50	2.16	2.12	178.49	-62.03	0.06	64.02	59.74	4.28	14.947		
1,050.00	1,049.93	1,046.81	1,046.75	2.23	2.18	178.12	-63.31	-0.37	66.42	62.01	4.40	15.083		
1,080.00	1,079.88	1,076.01	1,075.90	2.29	2.23	177.71	-64.87	-0.89	69.35	64.82	4.52	15.329		
1,110.00	1,109.81	1,105.14	1,104.96	2.36	2.28	177.27	-66.70	-1.51	72.81	68.17	4.65	15.674		
1,140.00	1,139.72	1,134.16	1,133.90	2.43	2.34	176.80	-68.81	-2.22	76.81	72.04	4.77	16.101		
1,170.00	1,169.60	1,163.07	1,162.70	2.50	2.39	176.32	-71.18	-3.03	81.34	76.44	4.90	16.615		
1,200.00	1,199.45	1,191.85	1,191.35	2.57	2.45	175.84	-73.82	-3.92	86.39	81.37	5.02	17.212		
1,230.00	1,229.27	1,220.50	1,219.83	2.64	2.51	175.37	-76.72	-4.90	91.98	86.83	5.15	17.869		
1,260.00	1,259.06	1,249.01	1,248.15	2.72	2.57	174.94	-79.87	-5.96	98.01	92.73	5.28	18.574		
1,290.00	1,288.86	1,277.42	1,276.33	2.79	2.64	174.61	-83.27	-7.11	104.31	98.91	5.41	19.296		
1,320.00	1,318.65	1,305.71	1,304.36	2.87	2.70	174.38	-86.92	-8.34	110.89	105.35	5.54	20.027		
1,350.00	1,348.44	1,333.90	1,332.24	2.95	2.77	174.23	-90.82	-9.66	117.73	112.06	5.67	20.761		
1,380.00	1,378.24	1,361.96	1,359.96	3.03	2.85	174.14	-94.96	-11.06	124.83	119.02	5.80	21.507		
1,410.00	1,408.03	1,389.90	1,387.52	3.10	2.92	174.11	-99.34	-12.54	132.19	126.25	5.94	22.263		
1,440.00	1,437.82	1,417.71	1,414.90	3.19	3.00	174.12	-103.95	-14.09	139.80	133.73	6.07	23.016		
1,470.00	1,467.62	1,445.39	1,442.11	3.27	3.08	174.18	-108.79	-15.73	147.68	141.47	6.21	23.773		
1,500.00	1,497.41	1,472.94	1,469.13	3.35	3.16	174.26	-113.85	-17.44	155.81	149.46	6.35	24.540		
1,530.00	1,527.20	1,500.00	1,495.62	3.43	3.25	174.36	-119.06	-19.20	164.19	157.70	6.49	25.311		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Bill Barrett Corp.	<b>Local Co-ordinate Reference:</b>	Well Anschutz State 5-62-26-1609BH2
<b>Project:</b>	Weld Co., CO	<b>TVD Reference:</b>	WELL @ 4656.00usft (Original Well Elev)
<b>Reference Site:</b>	Sec.26-T5N-R62W	<b>MD Reference:</b>	WELL @ 4656.00usft (Original Well Elev)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Anschutz State 5-62-26-1609BH2	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDMDBBW
<b>Reference Design:</b>	Design #2	<b>Offset TVD Reference:</b>	Reference Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 0-MWD													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Azimuth from North (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
1,560.00	1,557.00	1,527.60	1,522.59	3.51	3.35	174.50	-124.62	-21.08	172.82	166.20	6.63	26.070		
1,590.00	1,586.79	1,554.71	1,549.03	3.60	3.44	174.64	-130.32	-23.00	181.71	174.94	6.77	26.838		
1,620.00	1,616.58	1,581.67	1,575.25	3.68	3.54	174.80	-136.22	-24.99	190.85	183.93	6.91	27.608		
1,650.00	1,646.37	1,608.47	1,601.27	3.76	3.64	174.97	-142.32	-27.06	200.23	193.17	7.06	28.377		
1,680.00	1,676.17	1,635.12	1,627.08	3.85	3.74	175.15	-148.62	-29.18	209.86	202.66	7.20	29.139		
1,710.00	1,705.96	1,662.85	1,653.88	3.93	3.86	175.37	-155.35	-31.46	219.68	212.34	7.35	29.895		
1,740.00	1,735.75	1,691.18	1,681.26	4.02	3.98	175.58	-162.24	-33.78	229.52	222.03	7.50	30.618		
1,770.00	1,765.55	1,719.51	1,708.64	4.11	4.10	175.77	-169.13	-36.11	239.37	231.72	7.64	31.313		
1,800.00	1,795.34	1,747.84	1,736.02	4.19	4.23	175.95	-176.03	-38.44	249.21	241.42	7.79	31.980		
1,830.00	1,825.13	1,776.16	1,763.40	4.28	4.35	176.12	-182.92	-40.77	259.06	251.12	7.94	32.621		
1,860.00	1,854.93	1,804.49	1,790.78	4.37	4.48	176.27	-189.81	-43.09	268.91	260.82	8.09	33.237		
1,890.00	1,884.72	1,832.82	1,818.16	4.45	4.61	176.41	-196.70	-45.42	278.76	270.52	8.24	33.827		
1,920.00	1,914.51	1,861.15	1,845.53	4.54	4.74	176.55	-203.59	-47.75	288.61	280.22	8.39	34.385		
1,950.00	1,944.31	1,889.48	1,872.91	4.63	4.87	176.67	-210.48	-50.08	298.46	289.92	8.55	34.927		
1,980.00	1,974.10	1,917.81	1,900.29	4.72	5.00	176.79	-217.38	-52.41	308.32	299.62	8.70	35.447		
2,010.00	2,003.89	1,946.14	1,927.67	4.80	5.14	176.90	-224.27	-54.73	318.17	309.32	8.85	35.945		
2,040.00	2,033.69	1,974.47	1,955.05	4.89	5.27	177.00	-231.16	-57.06	328.03	319.03	9.01	36.427		
2,070.00	2,063.48	2,002.80	1,982.43	4.98	5.41	177.10	-238.05	-59.39	337.89	328.73	9.16	36.893		
2,100.00	2,093.27	2,031.12	2,009.81	5.07	5.55	177.19	-244.94	-61.72	347.75	338.43	9.31	37.336		
2,130.00	2,123.06	2,059.45	2,037.19	5.16	5.69	177.27	-251.83	-64.04	357.61	348.14	9.47	37.763		
2,160.00	2,152.86	2,087.78	2,064.57	5.25	5.82	177.35	-258.73	-66.37	367.47	357.84	9.63	38.178		
2,190.00	2,182.65	2,116.11	2,091.95	5.34	5.96	177.43	-265.62	-68.70	377.33	367.55	9.78	38.576		
2,220.00	2,212.44	2,144.44	2,119.33	5.43	6.10	177.50	-272.51	-71.03	387.19	377.25	9.94	38.959		
2,250.00	2,242.24	2,172.77	2,146.70	5.52	6.24	177.57	-279.40	-73.36	397.05	386.96	10.10	39.329		
2,280.00	2,272.03	2,201.10	2,174.08	5.61	6.39	177.64	-286.29	-75.68	406.91	396.66	10.25	39.689		
2,310.00	2,301.82	2,229.43	2,201.46	5.70	6.53	177.70	-293.18	-78.01	416.78	406.37	10.41	40.033		
2,340.00	2,331.62	2,257.75	2,228.84	5.79	6.67	177.76	-300.07	-80.34	426.64	416.07	10.57	40.366		
2,370.00	2,361.41	2,286.08	2,256.22	5.88	6.81	177.82	-306.97	-82.67	436.50	425.78	10.73	40.689		
2,400.00	2,391.20	2,314.41	2,283.60	5.97	6.96	177.88	-313.86	-84.99	446.37	435.48	10.89	41.001		
2,430.00	2,421.00	2,342.74	2,310.98	6.06	7.10	177.93	-320.75	-87.32	456.23	445.19	11.05	41.302		
2,460.00	2,450.79	2,371.07	2,338.36	6.15	7.24	177.98	-327.64	-89.65	466.10	454.89	11.21	41.594		
2,490.00	2,480.58	2,399.40	2,365.74	6.24	7.39	178.03	-334.53	-91.98	475.96	464.60	11.37	41.879		
2,520.00	2,510.37	2,427.73	2,393.12	6.33	7.53	178.07	-341.42	-94.31	485.83	474.30	11.53	42.152		
2,550.00	2,540.17	2,456.06	2,420.49	6.42	7.68	178.12	-348.32	-96.63	495.70	484.01	11.69	42.417		
2,580.00	2,569.96	2,484.39	2,447.87	6.51	7.82	178.16	-355.21	-98.96	505.56	493.72	11.85	42.675		
2,610.00	2,599.75	2,512.71	2,475.25	6.60	7.97	178.20	-362.10	-101.29	515.43	503.42	12.01	42.925		
2,640.00	2,629.55	2,541.04	2,502.63	6.69	8.12	178.24	-368.99	-103.62	525.30	513.13	12.17	43.166		
2,670.00	2,659.34	2,569.37	2,530.01	6.78	8.26	178.28	-375.88	-105.94	535.16	522.83	12.33	43.402		
2,700.00	2,689.13	2,597.70	2,557.39	6.87	8.41	178.32	-382.77	-108.27	545.03	532.54	12.49	43.631		
2,730.00	2,718.93	2,626.03	2,584.77	6.96	8.56	178.35	-389.67	-110.60	554.90	542.24	12.65	43.852		
2,760.00	2,748.72	2,654.36	2,612.15	7.06	8.70	178.39	-396.56	-112.93	564.77	551.95	12.82	44.067		
2,790.00	2,778.51	2,682.69	2,639.53	7.15	8.85	178.42	-403.45	-115.25	574.63	561.66	12.98	44.277		
2,820.00	2,808.31	2,711.02	2,666.91	7.24	9.00	178.45	-410.34	-117.58	584.50	571.36	13.14	44.481		
2,850.00	2,838.10	2,739.35	2,694.28	7.33	9.15	178.48	-417.23	-119.91	594.37	581.07	13.30	44.679		
2,880.00	2,867.89	2,767.67	2,721.66	7.42	9.29	178.51	-424.12	-122.24	604.24	590.77	13.47	44.872		
2,910.00	2,897.69	2,796.00	2,749.04	7.51	9.44	178.54	-431.02	-124.57	614.11	600.48	13.63	45.060		
2,940.00	2,927.48	2,824.33	2,776.42	7.60	9.59	178.57	-437.91	-126.89	623.97	610.18	13.79	45.242		
2,970.00	2,957.27	2,852.66	2,803.80	7.70	9.74	178.60	-444.80	-129.22	633.84	619.89	13.96	45.420		
3,000.00	2,987.06	2,880.99	2,831.18	7.79	9.89	178.62	-451.69	-131.55	643.71	629.59	14.12	45.593		
3,030.00	3,016.86	2,909.32	2,858.56	7.88	10.04	178.65	-458.58	-133.88	653.58	639.30	14.28	45.762		
3,060.00	3,046.65	2,937.65	2,885.94	7.97	10.19	178.67	-465.47	-136.20	663.45	649.00	14.45	45.927		
3,090.00	3,076.44	2,965.98	2,913.32	8.06	10.33	178.70	-472.37	-138.53	673.32	658.71	14.61	46.087		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Bill Barrett Corp.	<b>Local Co-ordinate Reference:</b>	Well Anschutz State 5-62-26-1609BH2
<b>Project:</b>	Weld Co., CO	<b>TVD Reference:</b>	WELL @ 4656.00usft (Original Well Elev)
<b>Reference Site:</b>	Sec.26-T5N-R62W	<b>MD Reference:</b>	WELL @ 4656.00usft (Original Well Elev)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Anschutz State 5-62-26-1609BH2	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDMDBBW
<b>Reference Design:</b>	Design #2	<b>Offset TVD Reference:</b>	Reference Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 0-MWD													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Azimuth from North (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
3,120.00	3,106.24	2,994.30	2,940.70	8.16	10.48	178.72	-479.26	-140.86	683.19	668.42	14.77	46.244		
3,150.00	3,136.03	3,022.63	2,968.07	8.25	10.63	178.74	-486.15	-143.19	693.06	678.12	14.94	46.397		
3,180.00	3,165.82	3,050.96	2,995.45	8.34	10.78	178.76	-493.04	-145.52	702.93	687.83	15.10	46.545		
3,210.00	3,195.62	3,079.29	3,022.83	8.43	10.93	178.79	-499.93	-147.84	712.80	697.53	15.27	46.691		
3,240.00	3,225.41	3,107.62	3,050.21	8.52	11.08	178.81	-506.82	-150.17	722.67	707.24	15.43	46.833		
3,270.00	3,255.20	3,135.95	3,077.59	8.62	11.23	178.83	-513.72	-152.50	732.54	716.94	15.60	46.972		
3,300.00	3,285.00	3,164.28	3,104.97	8.71	11.38	178.85	-520.61	-154.83	742.41	726.65	15.76	47.107		
3,330.00	3,314.79	3,192.61	3,132.35	8.80	11.53	178.87	-527.50	-157.15	752.28	736.35	15.92	47.240		
3,360.00	3,344.58	3,220.94	3,159.73	8.89	11.68	178.88	-534.39	-159.48	762.15	746.06	16.09	47.369		
3,390.00	3,374.37	3,249.26	3,187.11	8.98	11.83	178.90	-541.28	-161.81	772.02	755.76	16.25	47.495		
3,420.00	3,404.17	3,277.59	3,214.49	9.08	11.98	178.92	-548.17	-164.14	781.89	765.47	16.42	47.619		
3,450.00	3,433.96	3,305.92	3,241.86	9.17	12.13	178.94	-555.07	-166.47	791.76	775.17	16.58	47.740		
3,480.00	3,463.75	3,334.25	3,269.24	9.26	12.28	178.95	-561.96	-168.79	801.63	784.88	16.75	47.858		
3,510.00	3,493.55	3,362.58	3,296.62	9.35	12.43	178.97	-568.85	-171.12	811.50	794.58	16.92	47.974		
3,540.00	3,523.34	3,390.91	3,324.00	9.45	12.58	178.99	-575.74	-173.45	821.37	804.29	17.08	48.087		
3,570.00	3,553.13	3,419.24	3,351.38	9.54	12.73	179.00	-582.63	-175.78	831.24	813.99	17.25	48.198		
3,600.00	3,582.93	3,447.57	3,378.76	9.63	12.88	179.02	-589.52	-178.10	841.11	823.70	17.41	48.306		
3,630.00	3,612.72	3,475.90	3,406.14	9.72	13.03	179.03	-596.42	-180.43	850.98	833.40	17.58	48.412		
3,660.00	3,642.51	3,504.22	3,433.52	9.82	13.18	179.05	-603.31	-182.76	860.85	843.11	17.74	48.517		
3,690.00	3,672.31	3,532.55	3,460.90	9.91	13.33	179.06	-610.20	-185.09	870.72	852.81	17.91	48.618		
3,720.00	3,702.10	3,560.88	3,488.28	10.00	13.49	179.08	-617.09	-187.42	880.59	862.52	18.08	48.718		
3,750.00	3,731.89	3,589.21	3,515.65	10.09	13.64	179.09	-623.98	-189.74	890.46	872.22	18.24	48.816		
3,780.00	3,761.68	3,617.54	3,543.03	10.19	13.79	179.10	-630.87	-192.07	900.34	881.93	18.41	48.912		
3,810.00	3,791.48	3,645.87	3,570.41	10.28	13.94	179.12	-637.76	-194.40	910.21	891.63	18.57	49.006		
3,840.00	3,821.27	3,674.20	3,597.79	10.37	14.09	179.13	-644.66	-196.73	920.08	901.34	18.74	49.098		
3,870.00	3,851.06	3,702.53	3,625.17	10.47	14.24	179.14	-651.55	-199.05	929.95	911.04	18.91	49.188		
3,900.00	3,880.86	3,730.85	3,652.55	10.56	14.39	179.15	-658.44	-201.38	939.82	920.75	19.07	49.277		
3,930.00	3,910.65	3,759.18	3,679.93	10.65	14.54	179.17	-665.33	-203.71	949.69	930.45	19.24	49.364		
3,960.00	3,940.44	3,787.51	3,707.31	10.74	14.69	179.18	-672.22	-206.04	959.56	940.16	19.41	49.449		
3,990.00	3,970.24	3,815.84	3,734.69	10.84	14.85	179.19	-679.11	-208.37	969.43	949.86	19.57	49.533		
4,020.00	4,000.03	3,844.17	3,762.07	10.93	15.00	179.20	-686.01	-210.69	979.30	959.57	19.74	49.615		
4,050.00	4,029.82	3,872.50	3,789.44	11.02	15.15	179.21	-692.90	-213.02	989.18	969.27	19.90	49.695		
4,080.00	4,059.62	3,900.83	3,816.82	11.11	15.30	179.22	-699.79	-215.35	999.05	978.98	20.07	49.774		
4,110.00	4,089.41	3,929.16	3,844.20	11.21	15.45	179.23	-706.68	-217.68	1,008.92	988.68	20.24	49.852		
4,140.00	4,119.20	3,957.49	3,871.58	11.30	15.60	179.24	-713.57	-220.00	1,018.79	998.39	20.41	49.928		
4,170.00	4,149.00	3,985.81	3,898.96	11.39	15.75	179.25	-720.46	-222.33	1,028.66	1,008.09	20.57	50.003		
4,200.00	4,178.79	4,014.14	3,926.34	11.49	15.91	179.26	-727.36	-224.66	1,038.53	1,017.79	20.74	50.077		
4,230.00	4,208.58	4,042.47	3,953.72	11.58	16.06	179.27	-734.25	-226.99	1,048.40	1,027.50	20.91	50.149		
4,260.00	4,238.37	4,070.80	3,981.10	11.67	16.21	179.28	-741.14	-229.32	1,058.28	1,037.20	21.07	50.220		
4,290.00	4,268.17	4,099.13	4,008.48	11.76	16.36	179.29	-748.03	-231.64	1,068.15	1,046.91	21.24	50.290		
4,320.00	4,297.96	4,127.46	4,035.86	11.86	16.51	179.30	-754.92	-233.97	1,078.02	1,056.61	21.41	50.359		
4,350.00	4,327.75	4,155.79	4,063.24	11.95	16.66	179.31	-761.81	-236.30	1,087.89	1,066.32	21.57	50.426		
4,380.00	4,357.55	4,184.12	4,090.61	12.04	16.82	179.32	-768.71	-238.63	1,097.76	1,076.02	21.74	50.492		
4,410.00	4,387.34	4,212.45	4,117.99	12.14	16.97	179.33	-775.60	-240.95	1,107.63	1,085.73	21.91	50.557		
4,440.00	4,417.13	4,240.77	4,145.37	12.23	17.12	179.34	-782.49	-243.28	1,117.51	1,095.43	22.08	50.621		
4,470.00	4,446.93	4,269.10	4,172.75	12.32	17.27	179.35	-789.38	-245.61	1,127.38	1,105.13	22.24	50.685		
4,500.00	4,476.72	4,297.43	4,200.13	12.42	17.42	179.35	-796.27	-247.94	1,137.25	1,114.84	22.41	50.747		
4,530.00	4,506.51	4,325.76	4,227.51	12.51	17.58	179.36	-803.16	-250.27	1,147.12	1,124.54	22.58	50.808		
4,560.00	4,536.31	4,354.09	4,254.89	12.60	17.73	179.37	-810.06	-252.59	1,156.99	1,134.25	22.75	50.867		
4,590.00	4,566.10	4,382.42	4,282.27	12.69	17.88	179.38	-816.95	-254.92	1,166.86	1,143.95	22.91	50.927		
4,620.00	4,595.89	4,410.75	4,309.65	12.79	18.03	179.39	-823.84	-257.25	1,176.74	1,153.66	23.08	50.985		
4,650.00	4,625.68	4,439.08	4,337.03	12.88	18.18	179.39	-830.73	-259.58	1,186.61	1,163.36	23.25	51.042		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Bill Barrett Corp.	<b>Local Co-ordinate Reference:</b>	Well Anschutz State 5-62-26-1609BH2
<b>Project:</b>	Weld Co., CO	<b>TVD Reference:</b>	WELL @ 4656.00usft (Original Well Elev)
<b>Reference Site:</b>	Sec.26-T5N-R62W	<b>MD Reference:</b>	WELL @ 4656.00usft (Original Well Elev)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Anschutz State 5-62-26-1609BH2	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDMDBBW
<b>Reference Design:</b>	Design #2	<b>Offset TVD Reference:</b>	Reference Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 0-MWD													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Azimuth from North (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
4,680.00	4,655.48	4,467.40	4,364.40	12.97	18.34	179.40	-837.62	-261.90	1,196.48	1,173.06	23.42	51.098		
4,710.00	4,685.27	4,495.73	4,391.78	13.07	18.49	179.41	-844.51	-264.23	1,206.35	1,182.77	23.58	51.154		
4,740.00	4,715.06	4,524.06	4,419.16	13.16	18.64	179.42	-851.41	-266.56	1,216.22	1,192.47	23.75	51.208		
4,770.00	4,744.86	4,552.39	4,446.54	13.25	18.79	179.42	-858.30	-268.89	1,226.10	1,202.18	23.92	51.262		
4,800.00	4,774.65	4,580.72	4,473.92	13.35	18.94	179.43	-865.19	-271.22	1,235.97	1,211.88	24.09	51.315		
4,830.00	4,804.44	4,614.39	4,506.47	13.44	19.11	179.46	-873.35	-273.97	1,245.82	1,221.56	24.27	51.340		
4,860.00	4,834.24	4,662.91	4,553.52	13.53	19.33	179.54	-884.58	-277.76	1,255.35	1,230.87	24.48	51.280		
4,890.00	4,864.03	4,711.94	4,601.26	13.63	19.53	179.60	-895.15	-281.34	1,264.41	1,239.72	24.69	51.207		
4,920.00	4,893.82	4,761.47	4,649.68	13.72	19.69	179.65	-905.05	-284.68	1,273.00	1,248.10	24.90	51.132		
4,950.00	4,923.64	4,811.54	4,698.79	13.80	19.85	179.70	-914.24	-287.78	1,280.97	1,255.85	25.12	51.000		
4,980.00	4,953.49	4,862.14	4,748.61	13.87	20.00	179.74	-922.71	-290.64	1,288.22	1,262.89	25.33	50.853		
5,010.00	4,983.37	4,913.25	4,799.06	13.95	20.14	179.79	-930.41	-293.25	1,294.75	1,269.21	25.54	50.695		
5,040.00	5,013.28	4,964.81	4,850.10	14.01	20.27	179.82	-937.32	-295.58	1,300.55	1,274.82	25.73	50.544		
5,070.00	5,043.21	5,016.76	4,901.66	14.07	20.40	179.86	-943.39	-297.63	1,305.61	1,279.69	25.92	50.373		
5,100.00	5,073.15	5,069.07	4,953.67	14.13	20.51	179.88	-948.62	-299.39	1,309.93	1,283.83	26.10	50.188		
5,130.00	5,103.12	5,121.67	5,006.07	14.18	20.62	179.91	-952.96	-300.86	1,313.49	1,287.22	26.27	49.996		
5,160.00	5,133.10	5,174.51	5,058.79	14.23	20.71	179.93	-956.40	-302.02	1,316.29	1,289.85	26.44	49.791		
5,190.00	5,163.09	5,227.54	5,111.74	14.28	20.79	179.94	-958.93	-302.88	1,318.33	1,291.74	26.59	49.571		
5,220.00	5,193.08	5,280.69	5,164.87	14.33	20.86	179.95	-960.54	-303.42	1,319.61	1,292.86	26.74	49.340		
5,250.00	5,223.08	5,333.91	5,218.08	14.37	20.93	179.96	-961.21	-303.65	1,320.12	1,293.23	26.89	49.092		
5,280.00	5,253.08	5,386.91	5,253.08	14.42	20.97	179.96	-961.23	-303.65	1,320.13	1,286.46	33.66	39.215		
5,310.00	5,283.08	5,398.91	5,283.08	14.47	21.00	179.96	-961.23	-303.65	1,320.13	1,286.38	33.75	39.114		
5,340.00	5,313.08	5,428.91	5,313.08	14.52	21.03	179.96	-961.23	-303.65	1,320.13	1,286.29	33.84	39.014		
5,370.00	5,343.08	5,458.91	5,343.08	14.57	21.06	179.96	-961.23	-303.65	1,320.13	1,286.20	33.92	38.914		
5,400.00	5,373.08	5,488.91	5,373.08	14.63	21.09	179.96	-961.23	-303.65	1,320.13	1,286.12	34.01	38.815		
5,430.00	5,403.08	5,518.91	5,403.08	14.68	21.12	179.96	-961.23	-303.65	1,320.13	1,286.03	34.10	38.716		
5,460.00	5,433.08	5,548.91	5,433.08	14.73	21.15	179.96	-961.23	-303.65	1,320.13	1,285.94	34.19	38.616		
5,490.00	5,463.08	5,578.91	5,463.08	14.79	21.18	179.96	-961.23	-303.65	1,320.13	1,285.86	34.27	38.517		
5,520.00	5,493.08	5,608.91	5,493.08	14.84	21.21	179.96	-961.23	-303.65	1,320.13	1,285.77	34.36	38.419		
5,550.00	5,523.08	5,638.91	5,523.08	14.89	21.24	179.96	-961.23	-303.65	1,320.13	1,285.68	34.45	38.320		
5,580.00	5,553.08	5,668.91	5,553.08	14.95	21.27	179.96	-961.23	-303.65	1,320.13	1,285.59	34.54	38.222		
5,610.00	5,583.08	5,698.91	5,583.08	15.00	21.30	179.96	-961.23	-303.65	1,320.13	1,285.50	34.63	38.124		
5,640.00	5,613.08	5,728.91	5,613.08	15.06	21.33	179.96	-961.23	-303.65	1,320.13	1,285.41	34.72	38.026		
5,670.00	5,643.08	5,758.91	5,643.08	15.11	21.36	179.96	-961.23	-303.65	1,320.13	1,285.32	34.81	37.928		
5,700.00	5,673.08	5,788.91	5,673.08	15.16	21.40	179.96	-961.23	-303.65	1,320.13	1,285.23	34.90	37.831		
5,730.00	5,703.08	5,818.91	5,703.08	15.22	21.43	179.96	-961.23	-303.65	1,320.13	1,285.14	34.99	37.734		
5,737.22	5,710.31	5,826.13	5,710.31	15.23	21.43	179.96	-961.23	-303.65	1,320.13	1,291.52	28.61	46.138		
5,760.00	5,733.08	5,849.21	5,733.38	15.27	21.46	179.96	-961.23	-303.64	1,320.13	1,291.44	28.69	46.010		
5,790.00	5,763.04	5,881.70	5,765.84	15.31	21.49	179.97	-961.19	-302.27	1,320.14	1,291.36	28.78	45.875		
5,820.00	5,792.85	5,914.21	5,798.15	15.34	21.51	179.96	-961.09	-298.70	1,320.14	1,291.30	28.84	45.779		
5,850.00	5,822.39	5,946.72	5,830.13	15.36	21.52	179.93	-960.92	-292.94	1,320.14	1,291.26	28.88	45.716		
5,880.00	5,851.54	5,979.21	5,861.64	15.38	21.53	179.90	-960.70	-285.02	1,320.13	1,291.23	28.90	45.687		
5,910.00	5,880.19	6,011.68	5,892.51	15.38	21.52	179.85	-960.41	-274.99	1,320.12	1,291.22	28.90	45.684		
5,940.00	5,908.22	6,044.11	5,922.59	15.38	21.51	179.78	-960.07	-262.90	1,320.10	1,291.22	28.89	45.700		
5,970.00	5,935.53	6,076.48	5,951.74	15.37	21.50	179.71	-959.67	-248.82	1,320.09	1,291.22	28.87	45.731		
6,000.00	5,962.01	6,108.80	5,979.81	15.36	21.47	179.63	-959.22	-232.84	1,320.06	1,291.22	28.84	45.767		
6,030.00	5,987.55	6,141.04	6,006.68	15.34	21.45	179.54	-958.71	-215.03	1,320.04	1,291.22	28.82	45.796		
6,060.00	6,012.06	6,173.20	6,032.22	15.32	21.41	179.44	-958.15	-195.50	1,320.01	1,291.20	28.82	45.807		
6,090.00	6,035.42	6,205.27	6,056.32	15.30	21.38	179.34	-957.55	-174.37	1,319.98	1,291.15	28.83	45.785		
6,120.00	6,057.57	6,237.23	6,078.87	15.28	21.35	179.23	-956.91	-151.73	1,319.95	1,291.08	28.87	45.717		
6,150.00	6,078.39	6,269.09	6,099.79	15.26	21.31	179.13	-956.23	-127.73	1,319.92	1,290.97	28.95	45.590		
6,180.00	6,097.82	6,300.82	6,119.00	15.23	21.27	179.02	-955.51	-102.48	1,319.89	1,290.81	29.08	45.386		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



<b>Company:</b>	Bill Barrett Corp.	<b>Local Co-ordinate Reference:</b>	Well Anschutz State 5-62-26-1609BH2
<b>Project:</b>	Weld Co., CO	<b>TVD Reference:</b>	WELL @ 4656.00usft (Original Well Elev)
<b>Reference Site:</b>	Sec.26-T5N-R62W	<b>MD Reference:</b>	WELL @ 4656.00usft (Original Well Elev)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Anschutz State 5-62-26-1609BH2	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDMDBBW
<b>Reference Design:</b>	Design #2	<b>Offset TVD Reference:</b>	Reference Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 0-MWD													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Azimuth from North (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
6,210.00	6,115.78	6,332.43	6,136.42	15.22	21.24	178.92	-954.76	-76.12	1,319.86	1,290.59	29.27	45.091		
6,240.00	6,132.20	6,363.92	6,152.00	15.20	21.21	178.82	-953.99	-48.79	1,319.83	1,290.30	29.52	44.704		
6,270.00	6,147.00	6,395.26	6,165.68	15.20	21.18	178.73	-953.18	-20.60	1,319.80	1,289.95	29.84	44.222		
6,300.00	6,160.14	6,426.46	6,177.44	15.21	21.15	178.65	-952.36	8.28	1,319.77	1,289.53	30.24	43.643		
6,330.00	6,171.56	6,457.52	6,187.25	15.27	21.13	178.57	-951.53	37.74	1,319.74	1,289.02	30.72	42.960		
6,360.00	6,181.21	6,488.44	6,195.08	15.43	21.12	178.51	-950.68	67.62	1,319.72	1,288.45	31.27	42.200		
6,390.00	6,189.06	6,519.20	6,200.94	15.70	21.12	178.46	-949.82	97.81	1,319.70	1,287.80	31.90	41.363		
6,420.00	6,195.08	6,549.82	6,204.83	16.04	21.13	178.41	-948.96	128.16	1,319.68	1,287.09	32.60	40.484		
6,450.00	6,199.24	6,580.29	6,206.77	16.42	21.15	178.38	-948.09	158.55	1,319.67	1,286.31	33.36	39.558		
6,480.00	6,201.53	6,610.46	6,206.93	16.84	21.20	178.37	-947.24	188.71	1,319.66	1,285.47	34.19	38.595		
6,498.81	6,202.06	6,629.27	6,206.84	17.12	21.23	178.37	-946.70	207.50	1,319.66	1,284.91	34.75	37.971		
6,510.00	6,201.96	6,640.45	6,206.78	17.29	21.26	178.37	-946.38	218.69	1,319.66	1,284.57	35.09	37.610		
6,540.00	6,201.71	6,670.45	6,206.63	17.78	21.37	178.37	-945.53	248.67	1,319.66	1,283.63	36.03	36.627		
6,570.00	6,201.47	6,700.45	6,206.47	18.27	21.54	178.37	-944.68	278.66	1,319.67	1,282.69	36.97	35.693		
6,600.00	6,201.22	6,730.45	6,206.32	18.77	21.74	178.37	-943.83	308.65	1,319.67	1,281.67	38.00	34.732		
6,630.00	6,200.97	6,760.45	6,206.16	19.33	22.02	178.37	-942.97	338.64	1,319.67	1,280.58	39.09	33.757		
6,660.00	6,200.73	6,790.45	6,206.01	19.90	22.35	178.37	-942.12	368.62	1,319.67	1,279.48	40.19	32.835		
6,690.00	6,200.48	6,820.45	6,205.86	20.46	22.75	178.37	-941.27	398.61	1,319.67	1,278.34	41.33	31.929		
6,720.00	6,200.24	6,850.45	6,205.70	21.07	23.20	178.37	-940.42	428.60	1,319.68	1,277.15	42.53	31.029		
6,750.00	6,199.99	6,880.45	6,205.55	21.69	23.69	178.37	-939.57	458.58	1,319.68	1,275.93	43.75	30.165		
6,780.00	6,199.74	6,910.45	6,205.39	22.31	24.22	178.37	-938.71	488.57	1,319.68	1,274.70	44.98	29.337		
6,810.00	6,199.50	6,940.45	6,205.24	22.94	24.79	178.37	-937.86	518.56	1,319.68	1,273.42	46.26	28.525		
6,840.00	6,199.25	6,970.45	6,205.09	23.60	25.38	178.37	-937.01	548.55	1,319.69	1,272.11	47.57	27.740		
6,870.00	6,199.00	7,000.45	6,204.93	24.27	25.98	178.37	-936.16	578.53	1,319.69	1,270.81	48.88	26.997		
6,900.00	6,198.76	7,030.45	6,204.78	24.93	26.61	178.37	-935.30	608.52	1,319.69	1,269.46	50.23	26.274		
6,930.00	6,198.51	7,060.45	6,204.62	25.62	27.26	178.37	-934.45	638.51	1,319.69	1,268.09	51.61	25.573		
6,960.00	6,198.26	7,090.45	6,204.47	26.32	27.91	178.37	-933.60	668.50	1,319.69	1,266.71	52.98	24.908		
6,990.00	6,198.02	7,120.45	6,204.32	27.01	28.58	178.37	-932.75	698.48	1,319.70	1,265.32	54.38	24.268		
7,020.00	6,197.77	7,150.45	6,204.16	27.72	29.26	178.37	-931.90	728.47	1,319.70	1,263.90	55.80	23.650		
7,050.00	6,197.52	7,180.45	6,204.01	28.44	29.95	178.37	-931.04	758.46	1,319.70	1,262.47	57.23	23.058		
7,080.00	6,197.28	7,210.45	6,203.85	29.16	30.64	178.37	-930.19	788.45	1,319.70	1,261.03	58.67	22.493		
7,110.00	6,197.03	7,240.45	6,203.70	29.89	31.35	178.37	-929.34	818.43	1,319.71	1,259.58	60.13	21.948		
7,140.00	6,196.78	7,270.45	6,203.55	30.62	32.06	178.37	-928.49	848.42	1,319.71	1,258.11	61.60	21.423		
7,170.00	6,196.54	7,300.45	6,203.39	31.36	32.78	178.37	-927.63	878.41	1,319.71	1,256.64	63.07	20.924		
7,200.00	6,196.29	7,330.45	6,203.24	32.10	33.51	178.37	-926.78	908.39	1,319.71	1,255.15	64.56	20.441		
7,230.00	6,196.04	7,360.45	6,203.08	32.85	34.24	178.37	-925.93	938.38	1,319.72	1,253.65	66.06	19.976		
7,260.00	6,195.80	7,390.45	6,202.93	33.61	34.97	178.37	-925.08	968.37	1,319.72	1,252.15	67.57	19.531		
7,290.00	6,195.55	7,420.45	6,202.78	34.36	35.71	178.37	-924.23	998.36	1,319.72	1,250.64	69.08	19.104		
7,320.00	6,195.30	7,450.45	6,202.62	35.12	36.46	178.37	-923.37	1,028.34	1,319.72	1,249.12	70.61	18.691		
7,350.00	6,195.06	7,480.45	6,202.47	35.89	37.21	178.37	-922.52	1,058.33	1,319.72	1,247.59	72.14	18.295		
7,380.00	6,194.81	7,510.45	6,202.31	36.66	37.96	178.37	-921.67	1,088.32	1,319.73	1,246.06	73.67	17.914		
7,410.00	6,194.56	7,540.45	6,202.16	37.43	38.72	178.37	-920.82	1,118.31	1,319.73	1,244.52	75.21	17.547		
7,440.00	6,194.32	7,570.45	6,202.01	38.20	39.48	178.37	-919.96	1,148.29	1,319.73	1,242.97	76.76	17.192		
7,470.00	6,194.07	7,600.45	6,201.85	38.98	40.24	178.37	-919.11	1,178.28	1,319.73	1,241.42	78.31	16.852		
7,500.00	6,193.82	7,630.45	6,201.70	39.75	41.01	178.37	-918.26	1,208.27	1,319.74	1,239.86	79.87	16.523		
7,530.00	6,193.58	7,660.45	6,201.54	40.54	41.78	178.37	-917.41	1,238.26	1,319.74	1,238.30	81.44	16.205		
7,560.00	6,193.33	7,690.45	6,201.39	41.32	42.55	178.37	-916.56	1,268.24	1,319.74	1,236.74	83.01	15.899		
7,590.00	6,193.08	7,720.45	6,201.24	42.11	43.32	178.37	-915.70	1,298.23	1,319.74	1,235.17	84.58	15.604		
7,620.00	6,192.84	7,750.45	6,201.08	42.89	44.10	178.37	-914.85	1,328.22	1,319.75	1,233.59	86.16	15.318		
7,650.00	6,192.59	7,780.45	6,200.93	43.68	44.88	178.37	-914.00	1,358.21	1,319.75	1,232.01	87.74	15.042		
7,680.00	6,192.35	7,810.45	6,200.77	44.48	45.66	178.37	-913.15	1,388.19	1,319.75	1,230.43	89.32	14.776		
7,710.00	6,192.10	7,840.45	6,200.62	45.27	46.44	178.37	-912.29	1,418.18	1,319.75	1,228.84	90.91	14.517		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Bill Barrett Corp.	<b>Local Co-ordinate Reference:</b>	Well Anschutz State 5-62-26-1609BH2
<b>Project:</b>	Weld Co., CO	<b>TVD Reference:</b>	WELL @ 4656.00usft (Original Well Elev)
<b>Reference Site:</b>	Sec.26-T5N-R62W	<b>MD Reference:</b>	WELL @ 4656.00usft (Original Well Elev)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Anschutz State 5-62-26-1609BH2	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDMDBBW
<b>Reference Design:</b>	Design #2	<b>Offset TVD Reference:</b>	Reference Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 0-MWD													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Azimuth from North (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
7,740.00	6,191.85	7,870.45	6,200.47	46.06	47.23	178.37	-911.44	1,448.17	1,319.76	1,227.25	92.50	14.267		
7,770.00	6,191.61	7,900.45	6,200.31	46.86	48.02	178.37	-910.59	1,478.15	1,319.76	1,225.66	94.09	14.026		
7,800.00	6,191.36	7,930.45	6,200.16	47.66	48.81	178.37	-909.74	1,508.14	1,319.76	1,224.07	95.69	13.792		
7,830.00	6,191.11	7,960.45	6,200.00	48.46	49.60	178.37	-908.89	1,538.13	1,319.76	1,222.47	97.29	13.565		
7,860.00	6,190.87	7,990.45	6,199.85	49.26	50.39	178.37	-908.03	1,568.12	1,319.77	1,220.87	98.90	13.345		
7,890.00	6,190.62	8,020.45	6,199.70	50.06	51.18	178.37	-907.18	1,598.10	1,319.77	1,219.27	100.50	13.132		
7,920.00	6,190.37	8,050.45	6,199.54	50.87	51.98	178.37	-906.33	1,628.09	1,319.77	1,217.66	102.11	12.925		
7,950.00	6,190.13	8,080.45	6,199.39	51.67	52.77	178.37	-905.48	1,658.08	1,319.77	1,216.05	103.72	12.724		
7,980.00	6,189.88	8,110.45	6,199.23	52.48	53.57	178.37	-904.62	1,688.07	1,319.77	1,214.44	105.33	12.530		
8,010.00	6,189.63	8,140.45	6,199.08	53.28	54.37	178.37	-903.77	1,718.05	1,319.78	1,212.83	106.95	12.340		
8,040.00	6,189.39	8,170.45	6,198.93	54.09	55.17	178.37	-902.92	1,748.04	1,319.78	1,211.22	108.56	12.157		
8,070.00	6,189.14	8,200.45	6,198.77	54.90	55.97	178.37	-902.07	1,778.03	1,319.78	1,209.60	110.18	11.978		
8,100.00	6,188.89	8,230.45	6,198.62	55.71	56.78	178.37	-901.22	1,808.02	1,319.78	1,207.98	111.80	11.805		
8,130.00	6,188.65	8,260.45	6,198.46	56.52	57.58	178.37	-900.36	1,838.00	1,319.79	1,206.36	113.43	11.636		
8,160.00	6,188.40	8,290.45	6,198.31	57.33	58.39	178.37	-899.51	1,867.99	1,319.79	1,204.74	115.05	11.471		
8,190.00	6,188.15	8,320.45	6,198.16	58.14	59.19	178.37	-898.66	1,897.98	1,319.79	1,203.12	116.68	11.312		
8,220.00	6,187.91	8,350.45	6,198.00	58.96	60.00	178.37	-897.81	1,927.96	1,319.79	1,201.49	118.30	11.156		
8,250.00	6,187.66	8,380.45	6,197.85	59.77	60.81	178.37	-896.95	1,957.95	1,319.80	1,199.87	119.93	11.005		
8,280.00	6,187.41	8,410.45	6,197.69	60.59	61.62	178.37	-896.10	1,987.94	1,319.80	1,198.24	121.56	10.857		
8,310.00	6,187.17	8,440.45	6,197.54	61.40	62.43	178.37	-895.25	2,017.93	1,319.80	1,196.61	123.19	10.713		
8,340.00	6,186.92	8,470.45	6,197.39	62.22	63.24	178.37	-894.40	2,047.91	1,319.81	1,194.98	124.83	10.573		
8,370.00	6,186.67	8,500.45	6,197.23	63.04	64.05	178.37	-893.54	2,077.90	1,319.81	1,193.35	126.46	10.436		
8,400.00	6,186.43	8,530.45	6,197.08	63.85	64.86	178.37	-892.69	2,107.89	1,319.81	1,191.71	128.10	10.303		
8,430.00	6,186.18	8,560.44	6,196.92	64.67	65.67	178.37	-891.84	2,137.88	1,319.81	1,190.08	129.73	10.173		
8,460.00	6,185.93	8,590.44	6,196.77	65.49	66.48	178.37	-890.99	2,167.86	1,319.82	1,188.44	131.37	10.046		
8,490.00	6,185.69	8,620.44	6,196.62	66.31	67.30	178.37	-890.14	2,197.85	1,319.82	1,186.81	133.01	9.923		
8,520.00	6,185.44	8,650.44	6,196.46	67.13	68.11	178.37	-889.28	2,227.84	1,319.82	1,185.17	134.65	9.802		
8,550.00	6,185.19	8,680.44	6,196.31	67.95	68.93	178.37	-888.43	2,257.83	1,319.82	1,183.53	136.29	9.684		
8,580.00	6,184.95	8,710.44	6,196.15	68.77	69.74	178.37	-887.58	2,287.81	1,319.83	1,181.89	137.93	9.569		
8,610.00	6,184.70	8,740.44	6,196.00	69.59	70.56	178.37	-886.73	2,317.80	1,319.83	1,180.25	139.58	9.456		
8,640.00	6,184.46	8,770.44	6,195.85	70.41	71.38	178.37	-885.87	2,347.79	1,319.83	1,178.61	141.22	9.346		
8,670.00	6,184.21	8,800.44	6,195.69	71.23	72.19	178.37	-885.02	2,377.78	1,319.83	1,176.97	142.87	9.238		
8,700.00	6,183.96	8,830.44	6,195.54	72.06	73.01	178.37	-884.17	2,407.76	1,319.84	1,175.33	144.51	9.133		
8,730.00	6,183.72	8,860.44	6,195.39	72.88	73.83	178.37	-883.32	2,437.75	1,319.84	1,173.68	146.16	9.030		
8,760.00	6,183.47	8,890.44	6,195.23	73.70	74.65	178.37	-882.47	2,467.74	1,319.84	1,172.04	147.80	8.930		
8,790.00	6,183.22	8,920.44	6,195.08	74.53	75.47	178.37	-881.61	2,497.72	1,319.84	1,170.39	149.45	8.831		
8,820.00	6,182.98	8,950.44	6,194.92	75.35	76.29	178.37	-880.76	2,527.71	1,319.85	1,168.74	151.10	8.735		
8,850.00	6,182.73	8,980.44	6,194.77	76.17	77.11	178.37	-879.91	2,557.70	1,319.85	1,167.10	152.75	8.641		
8,880.00	6,182.48	9,010.44	6,194.62	77.00	77.93	178.37	-879.06	2,587.69	1,319.85	1,165.45	154.40	8.548		
8,910.00	6,182.24	9,040.44	6,194.46	77.82	78.75	178.37	-878.20	2,617.67	1,319.85	1,163.80	156.05	8.458		
8,940.00	6,181.99	9,070.44	6,194.31	78.65	79.57	178.37	-877.35	2,647.66	1,319.86	1,162.15	157.70	8.369		
8,970.00	6,181.74	9,100.44	6,194.15	79.48	80.40	178.37	-876.50	2,677.65	1,319.86	1,160.50	159.36	8.282		
9,000.00	6,181.50	9,130.44	6,194.00	80.30	81.22	178.37	-875.65	2,707.64	1,319.86	1,158.85	161.01	8.197		
9,030.00	6,181.25	9,160.44	6,193.85	81.13	82.04	178.37	-874.80	2,737.62	1,319.87	1,157.20	162.66	8.114		
9,060.00	6,181.00	9,190.44	6,193.69	81.96	82.86	178.37	-873.94	2,767.61	1,319.87	1,155.55	164.32	8.033		
9,090.00	6,180.76	9,220.44	6,193.54	82.78	83.69	178.37	-873.09	2,797.60	1,319.87	1,153.90	165.97	7.952		
9,120.00	6,180.51	9,250.44	6,193.38	83.61	84.51	178.37	-872.24	2,827.59	1,319.87	1,152.25	167.63	7.874		
9,150.00	6,180.26	9,280.44	6,193.23	84.44	85.34	178.37	-871.39	2,857.57	1,319.88	1,150.60	169.28	7.797		
9,180.00	6,180.02	9,310.44	6,193.08	85.27	86.16	178.37	-870.53	2,887.56	1,319.88	1,148.94	170.94	7.721		
9,210.00	6,179.77	9,340.44	6,192.92	86.09	86.98	178.37	-869.68	2,917.55	1,319.88	1,147.29	172.59	7.647		
9,240.00	6,179.52	9,370.44	6,192.77	86.92	87.81	178.37	-868.83	2,947.53	1,319.88	1,145.63	174.25	7.575		
9,270.00	6,179.28	9,400.44	6,192.61	87.75	88.63	178.37	-867.98	2,977.52	1,319.89	1,143.98	175.91	7.503		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Bill Barrett Corp.	<b>Local Co-ordinate Reference:</b>	Well Anschutz State 5-62-26-1609BH2
<b>Project:</b>	Weld Co., CO	<b>TVD Reference:</b>	WELL @ 4656.00usft (Original Well Elev)
<b>Reference Site:</b>	Sec.26-T5N-R62W	<b>MD Reference:</b>	WELL @ 4656.00usft (Original Well Elev)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Anschutz State 5-62-26-1609BH2	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDMDBBW
<b>Reference Design:</b>	Design #2	<b>Offset TVD Reference:</b>	Reference Datum

Offset Design													Sec.26-T5N-R62W - Anschutz State 5-62-26-3225BH2 - Wellbore #1 - Design #2		Offset Site Error:		0.00 usft
Survey Program: 0-MWD													Offset Well Error:		0.00 usft		
Reference		Offset		Semi Major Axis			Distance							Warning			
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Azimuth from North (°)	Offset Wellbore Centre +N-S (usft)	Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor					
9,300.00	6,179.03	9,430.44	6,192.46	88.58	89.46	178.37	-867.13	3,007.51	1,319.89	1,142.32	177.57	7.433					
9,330.00	6,178.78	9,460.44	6,192.31	89.41	90.29	178.37	-866.27	3,037.50	1,319.89	1,140.67	179.22	7.364					
9,360.00	6,178.54	9,490.44	6,192.15	90.24	91.11	178.37	-865.42	3,067.48	1,319.90	1,139.01	180.88	7.297					
9,390.00	6,178.29	9,520.44	6,192.00	91.07	91.94	178.37	-864.57	3,097.47	1,319.90	1,137.36	182.54	7.231					
9,420.00	6,178.04	9,550.44	6,191.84	91.90	92.77	178.37	-863.72	3,127.46	1,319.90	1,135.70	184.20	7.165					
9,450.00	6,177.80	9,580.44	6,191.69	92.73	93.59	178.37	-862.86	3,157.45	1,319.90	1,134.04	185.86	7.101					
9,480.00	6,177.55	9,610.44	6,191.54	93.56	94.42	178.37	-862.01	3,187.43	1,319.91	1,132.38	187.52	7.039					
9,510.00	6,177.30	9,640.44	6,191.38	94.39	95.25	178.37	-861.16	3,217.42	1,319.91	1,130.73	189.18	6.977					
9,540.00	6,177.06	9,670.44	6,191.23	95.22	96.07	178.37	-860.31	3,247.41	1,319.91	1,129.07	190.85	6.916					
9,570.00	6,176.81	9,700.44	6,191.07	96.05	96.90	178.37	-859.46	3,277.40	1,319.92	1,127.41	192.51	6.856					
9,600.00	6,176.57	9,730.44	6,190.92	96.88	97.73	178.37	-858.60	3,307.38	1,319.92	1,125.75	194.17	6.798					
9,630.00	6,176.32	9,760.44	6,190.77	97.71	98.56	178.37	-857.75	3,337.37	1,319.92	1,124.09	195.83	6.740					
9,660.00	6,176.07	9,790.44	6,190.61	98.54	99.39	178.37	-856.90	3,367.36	1,319.92	1,122.43	197.49	6.683					
9,690.00	6,175.83	9,820.44	6,190.46	99.37	100.22	178.37	-856.05	3,397.35	1,319.93	1,120.77	199.16	6.628					
9,720.00	6,175.58	9,850.44	6,190.30	100.20	101.05	178.37	-855.19	3,427.33	1,319.93	1,119.11	200.82	6.573					
9,750.00	6,175.33	9,880.44	6,190.15	101.04	101.87	178.37	-854.34	3,457.32	1,319.93	1,117.45	202.48	6.519					
9,780.00	6,175.09	9,910.44	6,190.00	101.87	102.70	178.37	-853.49	3,487.31	1,319.94	1,115.79	204.15	6.466					
9,810.00	6,174.84	9,940.44	6,189.84	102.70	103.53	178.37	-852.64	3,517.29	1,319.94	1,114.13	205.81	6.413					
9,840.00	6,174.59	9,970.44	6,189.69	103.53	104.36	178.37	-851.79	3,547.28	1,319.94	1,112.47	207.48	6.362					
9,870.00	6,174.35	10,000.44	6,189.53	104.36	105.19	178.37	-850.93	3,577.27	1,319.94	1,110.80	209.14	6.311					
9,900.00	6,174.10	10,030.44	6,189.38	105.20	106.02	178.37	-850.08	3,607.26	1,319.95	1,109.14	210.80	6.261					
9,930.00	6,173.85	10,060.44	6,189.23	106.03	106.85	178.37	-849.23	3,637.24	1,319.95	1,107.48	212.47	6.212					
9,960.00	6,173.61	10,090.44	6,189.07	106.86	107.68	178.37	-848.38	3,667.23	1,319.95	1,105.82	214.14	6.164					
9,990.00	6,173.36	10,120.44	6,188.92	107.69	108.51	178.37	-847.52	3,697.22	1,319.96	1,104.15	215.80	6.117					
10,020.00	6,173.11	10,150.44	6,188.76	108.53	109.34	178.37	-846.67	3,727.21	1,319.96	1,102.49	217.47	6.070					
10,050.00	6,172.87	10,180.44	6,188.61	109.36	110.18	178.37	-845.82	3,757.19	1,319.96	1,100.83	219.13	6.024					
10,080.00	6,172.62	10,210.44	6,188.46	110.19	111.01	178.37	-844.97	3,787.18	1,319.96	1,099.16	220.80	5.978					
10,110.00	6,172.37	10,240.44	6,188.30	111.03	111.84	178.37	-844.12	3,817.17	1,319.97	1,097.50	222.47	5.933					
10,140.00	6,172.13	10,270.44	6,188.15	111.86	112.67	178.37	-843.26	3,847.16	1,319.97	1,095.84	224.13	5.889					
10,170.00	6,171.88	10,300.44	6,187.99	112.69	113.50	178.37	-842.41	3,877.14	1,319.97	1,094.17	225.80	5.846					
10,200.00	6,171.63	10,330.44	6,187.84	113.53	114.33	178.37	-841.56	3,907.13	1,319.98	1,092.51	227.47	5.803					
10,230.00	6,171.39	10,360.44	6,187.69	114.36	115.16	178.37	-840.71	3,937.12	1,319.98	1,090.84	229.14	5.761					
10,260.00	6,171.14	10,390.44	6,187.53	115.19	116.00	178.37	-839.85	3,967.11	1,319.98	1,089.18	230.80	5.719					
10,290.00	6,170.89	10,420.44	6,187.38	116.03	116.83	178.37	-839.00	3,997.09	1,319.98	1,087.51	232.47	5.678					
10,320.00	6,170.65	10,450.44	6,187.22	116.86	117.66	178.37	-838.15	4,027.08	1,319.99	1,085.85	234.14	5.638					
10,350.00	6,170.40	10,480.44	6,187.07	117.70	118.49	178.37	-837.30	4,057.07	1,319.99	1,084.18	235.81	5.598					
10,380.00	6,170.15	10,510.44	6,186.92	118.53	119.32	178.37	-836.44	4,087.05	1,319.99	1,082.52	237.48	5.558					
10,410.00	6,169.91	10,540.44	6,186.76	119.36	120.16	178.37	-835.59	4,117.04	1,320.00	1,080.85	239.14	5.520					
10,440.00	6,169.66	10,570.44	6,186.61	120.20	120.99	178.37	-834.74	4,147.03	1,320.00	1,079.19	240.81	5.481					
10,470.00	6,169.42	10,600.44	6,186.45	121.03	121.82	178.37	-833.89	4,177.02	1,320.00	1,077.52	242.48	5.444					
10,500.00	6,169.17	10,630.44	6,186.30	121.87	122.65	178.37	-833.04	4,207.00	1,320.01	1,075.85	244.15	5.407					
10,530.00	6,168.92	10,660.43	6,186.15	122.70	123.49	178.37	-832.18	4,236.99	1,320.01	1,074.19	245.82	5.370					
10,560.00	6,168.68	10,690.43	6,185.99	123.54	124.32	178.37	-831.33	4,266.98	1,320.01	1,072.52	247.49	5.334					
10,590.00	6,168.43	10,720.43	6,185.84	124.37	125.15	178.37	-830.48	4,296.97	1,320.01	1,070.85	249.16	5.298					
10,620.00	6,168.18	10,750.43	6,185.68	125.21	125.99	178.37	-829.63	4,326.95	1,320.02	1,069.19	250.83	5.263					
10,650.00	6,167.94	10,780.43	6,185.53	126.04	126.82	178.37	-828.77	4,356.94	1,320.02	1,067.52	252.50	5.228					
10,680.00	6,167.69	10,810.43	6,185.38	126.88	127.65	178.37	-827.92	4,386.93	1,320.02	1,065.85	254.17	5.193					
10,710.00	6,167.44	10,840.43	6,185.22	127.71	128.49	178.37	-827.07	4,416.92	1,320.03	1,064.19	255.84	5.160					
10,740.00	6,167.20	10,870.43	6,185.07	128.55	129.32	178.37	-826.22	4,446.90	1,320.03	1,062.52	257.51	5.126					
10,770.00	6,166.95	10,900.43	6,184.91	129.38	130.15	178.37	-825.37	4,476.89	1,320.03	1,060.85	259.18	5.093					
10,800.00	6,166.70	10,930.43	6,184.76	130.22	130.99	178.37	-824.51	4,506.88	1,320.04	1,059.18	260.85	5.060					
10,830.00	6,166.46	10,960.43	6,184.61	131.05	131.82	178.37	-823.66	4,536.86	1,320.04	1,057.52	262.52	5.028					

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Bill Barrett Corp.	<b>Local Co-ordinate Reference:</b>	Well Anschutz State 5-62-26-1609BH2
<b>Project:</b>	Weld Co., CO	<b>TVD Reference:</b>	WELL @ 4656.00usft (Original Well Elev)
<b>Reference Site:</b>	Sec.26-T5N-R62W	<b>MD Reference:</b>	WELL @ 4656.00usft (Original Well Elev)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Anschutz State 5-62-26-1609BH2	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDMDBBW
<b>Reference Design:</b>	Design #2	<b>Offset TVD Reference:</b>	Reference Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 0-MWMD													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Azimuth from North (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
10,860.00	6,166.21	10,990.43	6,184.45	131.89	132.66	178.37	-822.81	4,566.85	1,320.04	1,055.85	264.19	4.996		
10,890.00	6,165.96	11,020.43	6,184.30	132.72	133.49	178.37	-821.96	4,596.84	1,320.05	1,054.18	265.87	4.965		
10,920.00	6,165.72	11,050.43	6,184.14	133.56	134.32	178.37	-821.10	4,626.83	1,320.05	1,052.51	267.54	4.934		
10,950.00	6,165.47	11,080.43	6,183.99	134.40	135.16	178.37	-820.25	4,656.81	1,320.05	1,050.84	269.21	4.903		
10,980.00	6,165.22	11,110.43	6,183.84	135.23	135.99	178.37	-819.40	4,686.80	1,320.05	1,049.18	270.88	4.873		
11,010.00	6,164.98	11,140.43	6,183.68	136.07	136.83	178.37	-818.55	4,716.79	1,320.06	1,047.51	272.55	4.843		
11,040.00	6,164.73	11,170.43	6,183.53	136.90	137.66	178.37	-817.70	4,746.78	1,320.06	1,045.84	274.22	4.814		
11,070.00	6,164.48	11,200.43	6,183.37	137.74	138.50	178.37	-816.84	4,776.76	1,320.06	1,044.17	275.89	4.785		
11,100.00	6,164.24	11,230.43	6,183.22	138.58	139.33	178.37	-815.99	4,806.75	1,320.07	1,042.50	277.57	4.756		
11,130.00	6,163.99	11,260.43	6,183.07	139.41	140.17	178.37	-815.14	4,836.74	1,320.07	1,040.83	279.24	4.727		
11,160.00	6,163.74	11,290.43	6,182.91	140.25	141.00	178.37	-814.29	4,866.73	1,320.07	1,039.16	280.91	4.699		
11,190.00	6,163.50	11,320.43	6,182.76	141.08	141.84	178.37	-813.43	4,896.71	1,320.08	1,037.49	282.58	4.671		
11,220.00	6,163.25	11,350.43	6,182.60	141.92	142.67	178.37	-812.58	4,926.70	1,320.08	1,035.82	284.26	4.644		
11,250.00	6,163.00	11,380.43	6,182.45	142.76	143.51	178.37	-811.73	4,956.69	1,320.08	1,034.16	285.93	4.617		
11,280.00	6,162.76	11,410.43	6,182.30	143.59	144.34	178.37	-810.88	4,986.68	1,320.09	1,032.49	287.60	4.590		
11,310.00	6,162.51	11,440.43	6,182.14	144.43	145.18	178.37	-810.03	5,016.66	1,320.09	1,030.82	289.27	4.563		
11,340.00	6,162.26	11,470.43	6,181.99	145.27	146.01	178.37	-809.17	5,046.65	1,320.09	1,029.15	290.95	4.537		
11,370.00	6,162.02	11,500.43	6,181.83	146.10	146.85	178.37	-808.32	5,076.64	1,320.10	1,027.48	292.62	4.511		
11,400.00	6,161.77	11,530.43	6,181.68	146.94	147.68	178.37	-807.47	5,106.62	1,320.10	1,025.81	294.29	4.486		
11,430.00	6,161.53	11,560.43	6,181.53	147.78	148.52	178.37	-806.62	5,136.61	1,320.10	1,024.14	295.97	4.460		
11,460.00	6,161.28	11,590.43	6,181.37	148.61	149.35	178.37	-805.76	5,166.60	1,320.11	1,022.47	297.64	4.435		
11,490.00	6,161.03	11,620.43	6,181.22	149.45	150.19	178.37	-804.91	5,196.59	1,320.11	1,020.80	299.31	4.410		
11,520.00	6,160.79	11,650.43	6,181.06	150.29	151.02	178.37	-804.06	5,226.57	1,320.11	1,019.13	300.99	4.386		
11,550.00	6,160.54	11,680.43	6,180.91	151.12	151.86	178.37	-803.21	5,256.56	1,320.12	1,017.46	302.66	4.362		
11,580.00	6,160.29	11,710.43	6,180.76	151.96	152.70	178.37	-802.36	5,286.55	1,320.12	1,015.79	304.33	4.338		
11,610.00	6,160.05	11,740.43	6,180.60	152.80	153.53	178.37	-801.50	5,316.54	1,320.12	1,014.12	306.01	4.314		
11,640.00	6,159.80	11,770.43	6,180.45	153.63	154.37	178.37	-800.65	5,346.52	1,320.12	1,012.45	307.68	4.291		
11,670.00	6,159.55	11,800.43	6,180.29	154.47	155.20	178.37	-799.80	5,376.51	1,320.13	1,010.78	309.35	4.267		
11,700.00	6,159.31	11,830.43	6,180.14	155.31	156.04	178.37	-798.95	5,406.50	1,320.13	1,009.10	311.03	4.244		
11,730.00	6,159.06	11,860.43	6,179.99	156.14	156.87	178.37	-798.09	5,436.49	1,320.13	1,007.43	312.70	4.222		
11,760.00	6,158.81	11,890.43	6,179.83	156.98	157.71	178.37	-797.24	5,466.47	1,320.14	1,005.76	314.38	4.199		
11,790.00	6,158.57	11,920.43	6,179.68	157.82	158.55	178.37	-796.39	5,496.46	1,320.14	1,004.09	316.05	4.177		
11,820.00	6,158.32	11,950.43	6,179.52	158.66	159.38	178.37	-795.54	5,526.45	1,320.14	1,002.42	317.72	4.155		
11,850.00	6,158.07	11,980.43	6,179.37	159.49	160.22	178.37	-794.69	5,556.43	1,320.15	1,000.75	319.40	4.133		
11,880.00	6,157.83	12,010.43	6,179.22	160.33	161.06	178.37	-793.83	5,586.42	1,320.15	999.08	321.07	4.112		
11,910.00	6,157.58	12,040.43	6,179.06	161.17	161.89	178.37	-792.98	5,616.41	1,320.15	997.41	322.75	4.090		
11,940.00	6,157.33	12,070.43	6,178.91	162.01	162.73	178.37	-792.13	5,646.40	1,320.16	995.74	324.42	4.069		
11,970.00	6,157.09	12,100.43	6,178.75	162.84	163.56	178.37	-791.28	5,676.38	1,320.16	994.07	326.10	4.048		
12,000.00	6,156.84	12,130.43	6,178.60	163.68	164.40	178.37	-790.42	5,706.37	1,320.16	992.39	327.77	4.028		
12,030.00	6,156.59	12,160.43	6,178.45	164.52	165.24	178.37	-789.57	5,736.36	1,320.17	990.72	329.44	4.007		
12,060.00	6,156.35	12,190.43	6,178.29	165.36	166.07	178.37	-788.72	5,766.35	1,320.17	989.05	331.12	3.987		
12,090.00	6,156.10	12,220.43	6,178.14	166.19	166.91	178.37	-787.87	5,796.33	1,320.17	987.38	332.79	3.967		
12,120.00	6,155.85	12,250.43	6,177.98	167.03	167.75	178.37	-787.02	5,826.32	1,320.18	985.71	334.47	3.947		
12,150.00	6,155.61	12,280.43	6,177.83	167.87	168.58	178.37	-786.16	5,856.31	1,320.18	984.04	336.14	3.927		
12,180.00	6,155.36	12,310.43	6,177.68	168.71	169.42	178.37	-785.31	5,886.30	1,320.18	982.37	337.82	3.908		
12,210.00	6,155.11	12,340.43	6,177.52	169.54	170.26	178.37	-784.46	5,916.28	1,320.19	980.69	339.49	3.889		
12,240.00	6,154.87	12,370.43	6,177.37	170.38	171.09	178.37	-783.61	5,946.27	1,320.19	979.02	341.17	3.870		
12,270.00	6,154.62	12,400.43	6,177.21	171.22	171.93	178.37	-782.75	5,976.26	1,320.19	977.35	342.84	3.851		
12,300.00	6,154.37	12,430.43	6,177.06	172.06	172.77	178.37	-781.90	6,006.25	1,320.20	975.68	344.52	3.832		
12,330.00	6,154.13	12,460.43	6,176.91	172.89	173.60	178.37	-781.05	6,036.23	1,320.20	974.01	346.19	3.813		
12,360.00	6,153.88	12,490.43	6,176.75	173.73	174.44	178.37	-780.20	6,066.22	1,320.21	972.34	347.87	3.795		
12,390.00	6,153.64	12,520.43	6,176.60	174.57	175.28	178.37	-779.35	6,096.21	1,320.21	970.66	349.55	3.777		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Bill Barrett Corp.	<b>Local Co-ordinate Reference:</b>	Well Anschutz State 5-62-26-1609BH2
<b>Project:</b>	Weld Co., CO	<b>TVD Reference:</b>	WELL @ 4656.00usft (Original Well Elev)
<b>Reference Site:</b>	Sec.26-T5N-R62W	<b>MD Reference:</b>	WELL @ 4656.00usft (Original Well Elev)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Anschutz State 5-62-26-1609BH2	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDMDBBW
<b>Reference Design:</b>	Design #2	<b>Offset TVD Reference:</b>	Reference Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 0-MWD													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Azimuth from North (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
12,420.00	6,153.39	12,550.43	6,176.45	175.41	176.12	178.37	-778.49	6,126.19	1,320.21	968.99	351.22	3.759		
12,450.00	6,153.14	12,580.43	6,176.29	176.25	176.95	178.37	-777.64	6,156.18	1,320.22	967.32	352.90	3.741		
12,480.00	6,152.90	12,610.43	6,176.14	177.08	177.79	178.37	-776.79	6,186.17	1,320.22	965.65	354.57	3.723		
12,510.00	6,152.65	12,640.43	6,175.98	177.92	178.63	178.37	-775.94	6,216.16	1,320.22	963.97	356.25	3.706		
12,540.00	6,152.40	12,670.43	6,175.83	178.76	179.46	178.37	-775.08	6,246.14	1,320.23	962.30	357.92	3.689		
12,570.00	6,152.16	12,700.43	6,175.68	179.60	180.30	178.37	-774.23	6,276.13	1,320.23	960.63	359.60	3.671		
12,600.00	6,151.91	12,730.43	6,175.52	180.44	181.14	178.37	-773.38	6,306.12	1,320.23	958.96	361.27	3.654		
12,630.00	6,151.66	12,760.42	6,175.37	181.27	181.98	178.37	-772.53	6,336.11	1,320.24	957.29	362.95	3.638		
12,660.00	6,151.42	12,790.42	6,175.21	182.11	182.81	178.37	-771.67	6,366.09	1,320.24	955.61	364.63	3.621		
12,690.00	6,151.17	12,820.42	6,175.06	182.95	183.65	178.37	-770.82	6,396.08	1,320.24	953.94	366.30	3.604		
12,720.00	6,150.92	12,850.42	6,174.91	183.79	184.49	178.37	-769.97	6,426.07	1,320.25	952.27	367.98	3.588		
12,750.00	6,150.68	12,880.42	6,174.75	184.63	185.32	178.37	-769.12	6,456.06	1,320.25	950.60	369.65	3.572		
12,780.00	6,150.43	12,910.42	6,174.60	185.47	186.16	178.37	-768.27	6,486.04	1,320.25	948.92	371.33	3.555		
12,810.00	6,150.18	12,940.42	6,174.44	186.30	187.00	178.37	-767.41	6,516.03	1,320.26	947.25	373.01	3.540		
12,840.00	6,149.94	12,970.42	6,174.29	187.14	187.84	178.37	-766.56	6,546.02	1,320.26	945.58	374.68	3.524		
12,870.00	6,149.69	13,000.42	6,174.14	187.98	188.67	178.37	-765.71	6,576.00	1,320.26	943.91	376.36	3.508		
12,900.00	6,149.44	13,030.42	6,173.98	188.82	189.51	178.37	-764.86	6,605.99	1,320.27	942.23	378.03	3.492		
12,930.00	6,149.20	13,060.42	6,173.83	189.66	190.35	178.37	-764.00	6,635.98	1,320.27	940.56	379.71	3.477		
12,960.00	6,148.95	13,090.42	6,173.67	190.50	191.19	178.37	-763.15	6,665.97	1,320.27	938.89	381.39	3.462		
12,990.00	6,148.70	13,120.42	6,173.52	191.33	192.03	178.37	-762.30	6,695.95	1,320.28	937.22	383.06	3.447		
13,020.00	6,148.46	13,150.42	6,173.37	192.17	192.86	178.37	-761.45	6,725.94	1,320.28	935.54	384.74	3.432		
13,050.00	6,148.21	13,180.42	6,173.21	193.01	193.70	178.37	-760.60	6,755.93	1,320.29	933.87	386.42	3.417		
13,080.00	6,147.96	13,210.42	6,173.06	193.85	194.54	178.37	-759.74	6,785.92	1,320.29	932.20	388.09	3.402		
13,110.00	6,147.72	13,240.42	6,172.90	194.69	195.38	178.37	-758.89	6,815.90	1,320.29	930.52	389.77	3.387		
13,140.00	6,147.47	13,270.42	6,172.75	195.53	196.21	178.37	-758.04	6,845.89	1,320.30	928.85	391.45	3.373		
13,170.00	6,147.22	13,300.42	6,172.60	196.36	197.05	178.37	-757.19	6,875.88	1,320.30	927.18	393.12	3.358		
13,200.00	6,146.98	13,330.42	6,172.44	197.20	197.89	178.37	-756.33	6,905.87	1,320.30	925.50	394.80	3.344		
13,230.00	6,146.73	13,360.42	6,172.29	198.04	198.73	178.37	-755.48	6,935.85	1,320.31	923.83	396.48	3.330		
13,260.00	6,146.48	13,390.42	6,172.13	198.88	199.57	178.37	-754.63	6,965.84	1,320.31	922.16	398.15	3.316		
13,290.00	6,146.24	13,420.42	6,171.98	199.72	200.40	178.37	-753.78	6,995.83	1,320.31	920.49	399.83	3.302		
13,320.00	6,145.99	13,450.42	6,171.83	200.56	201.24	178.37	-752.93	7,025.82	1,320.32	918.81	401.51	3.288		
13,350.00	6,145.75	13,480.42	6,171.67	201.40	202.08	178.37	-752.07	7,055.80	1,320.32	917.14	403.18	3.275		
13,380.00	6,145.50	13,510.42	6,171.52	202.24	202.92	178.37	-751.22	7,085.79	1,320.33	915.47	404.86	3.261		
13,410.00	6,145.25	13,540.42	6,171.36	203.07	203.76	178.37	-750.37	7,115.78	1,320.33	913.79	406.54	3.248		
13,440.00	6,145.01	13,570.42	6,171.21	203.91	204.59	178.37	-749.52	7,145.76	1,320.33	912.12	408.21	3.234		
13,470.00	6,144.76	13,600.42	6,171.06	204.75	205.43	178.37	-748.66	7,175.75	1,320.34	910.45	409.89	3.221		
13,500.00	6,144.51	13,630.42	6,170.90	205.59	206.27	178.37	-747.81	7,205.74	1,320.34	908.77	411.57	3.208		
13,530.00	6,144.27	13,660.42	6,170.75	206.43	207.11	178.37	-746.96	7,235.73	1,320.34	907.10	413.24	3.195		
13,560.00	6,144.02	13,690.42	6,170.59	207.27	207.95	178.37	-746.11	7,265.71	1,320.35	905.43	414.92	3.182		
13,590.00	6,143.77	13,720.42	6,170.44	208.11	208.78	178.37	-745.26	7,295.70	1,320.35	903.75	416.60	3.169		
13,620.00	6,143.53	13,750.42	6,170.29	208.95	209.62	178.37	-744.40	7,325.69	1,320.35	902.08	418.27	3.157		
13,650.00	6,143.28	13,780.42	6,170.13	209.78	210.46	178.37	-743.55	7,355.68	1,320.36	900.41	419.95	3.144		
13,680.00	6,143.03	13,810.42	6,169.98	210.62	211.30	178.37	-742.70	7,385.66	1,320.36	898.73	421.63	3.132		
13,710.00	6,142.79	13,840.42	6,169.82	211.46	212.14	178.37	-741.85	7,415.65	1,320.37	897.06	423.30	3.119		
13,740.00	6,142.54	13,870.42	6,169.67	212.30	212.98	178.37	-740.99	7,445.64	1,320.37	895.39	424.98	3.107		
13,770.00	6,142.29	13,900.42	6,169.52	213.14	213.81	178.37	-740.14	7,475.63	1,320.37	893.71	426.66	3.095		
13,800.00	6,142.05	13,930.42	6,169.36	213.98	214.65	178.37	-739.29	7,505.61	1,320.38	892.04	428.34	3.083		
13,830.00	6,141.80	13,960.42	6,169.21	214.82	215.49	178.37	-738.44	7,535.60	1,320.38	890.37	430.01	3.071		
13,860.00	6,141.55	13,990.42	6,169.05	215.66	216.33	178.37	-737.59	7,565.59	1,320.38	888.69	431.69	3.059		
13,890.00	6,141.31	14,020.42	6,168.90	216.50	217.17	178.37	-736.73	7,595.57	1,320.39	887.02	433.37	3.047		
13,920.00	6,141.06	14,050.42	6,168.75	217.33	218.01	178.37	-735.88	7,625.56	1,320.39	885.35	435.05	3.035		
13,950.00	6,140.81	14,080.42	6,168.59	218.17	218.84	178.37	-735.03	7,655.55	1,320.40	883.67	436.72	3.023		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



<b>Company:</b>	Bill Barrett Corp.	<b>Local Co-ordinate Reference:</b>	Well Anschutz State 5-62-26-1609BH2
<b>Project:</b>	Weld Co., CO	<b>TVD Reference:</b>	WELL @ 4656.00usft (Original Well Elev)
<b>Reference Site:</b>	Sec.26-T5N-R62W	<b>MD Reference:</b>	WELL @ 4656.00usft (Original Well Elev)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Anschutz State 5-62-26-1609BH2	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDMDBBW
<b>Reference Design:</b>	Design #2	<b>Offset TVD Reference:</b>	Reference Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 0-MWD													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Azimuth from North (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
13,980.00	6,140.57	14,110.42	6,168.44	219.01	219.68	178.37	-734.18	7,685.54	1,320.40	882.00	438.40	3.012		
14,010.00	6,140.32	14,140.42	6,168.28	219.85	220.52	178.37	-733.32	7,715.52	1,320.40	880.33	440.08	3.000		
14,040.00	6,140.07	14,170.42	6,168.13	220.69	221.36	178.37	-732.47	7,745.51	1,320.41	878.65	441.75	2.989		
14,070.00	6,139.83	14,200.42	6,167.98	221.53	222.20	178.37	-731.62	7,775.50	1,320.41	876.98	443.43	2.978		
14,100.00	6,139.58	14,230.42	6,167.82	222.37	223.04	178.37	-730.77	7,805.49	1,320.41	875.30	445.11	2.966		
14,130.00	6,139.33	14,260.42	6,167.67	223.21	223.87	178.37	-729.92	7,835.47	1,320.42	873.63	446.79	2.955		
14,160.00	6,139.09	14,290.42	6,167.51	224.05	224.71	178.37	-729.06	7,865.46	1,320.42	871.96	448.46	2.944		
14,190.00	6,138.84	14,320.42	6,167.36	224.89	225.55	178.37	-728.21	7,895.45	1,320.43	870.28	450.14	2.933		
14,220.00	6,138.60	14,350.42	6,167.21	225.73	226.39	178.37	-727.36	7,925.44	1,320.43	868.61	451.82	2.922		
14,250.00	6,138.35	14,380.42	6,167.05	226.56	227.23	178.37	-726.51	7,955.42	1,320.43	866.94	453.50	2.912		
14,280.00	6,138.10	14,410.42	6,166.90	227.40	228.07	178.37	-725.65	7,985.41	1,320.44	865.26	455.17	2.901		
14,310.00	6,137.86	14,440.42	6,166.74	228.24	228.91	178.37	-724.80	8,015.40	1,320.44	863.59	456.85	2.890		
14,340.00	6,137.61	14,470.42	6,166.59	229.08	229.75	178.37	-723.95	8,045.39	1,320.44	861.92	458.53	2.880		
14,370.00	6,137.36	14,500.42	6,166.44	229.92	230.58	178.37	-723.10	8,075.37	1,320.45	860.24	460.21	2.869		
14,400.00	6,137.12	14,530.42	6,166.28	230.76	231.42	178.37	-722.25	8,105.36	1,320.45	858.57	461.88	2.859		
14,430.00	6,136.87	14,560.42	6,166.13	231.60	232.26	178.37	-721.39	8,135.35	1,320.46	856.89	463.56	2.848		
14,460.00	6,136.62	14,590.42	6,165.97	232.44	233.10	178.37	-720.54	8,165.33	1,320.46	855.22	465.24	2.838		
14,490.00	6,136.38	14,620.42	6,165.82	233.28	233.94	178.37	-719.69	8,195.32	1,320.46	853.55	466.92	2.828		
14,520.00	6,136.13	14,650.42	6,165.67	234.12	234.78	178.37	-718.84	8,225.31	1,320.47	851.87	468.60	2.818		
14,550.00	6,135.88	14,680.42	6,165.51	234.96	235.62	178.37	-717.98	8,255.30	1,320.47	850.20	470.27	2.808		
14,580.00	6,135.64	14,710.42	6,165.36	235.80	236.46	178.37	-717.13	8,285.28	1,320.48	848.53	471.95	2.798		
14,610.00	6,135.39	14,740.42	6,165.20	236.64	237.29	178.37	-716.28	8,315.27	1,320.48	846.85	473.63	2.788		
14,640.00	6,135.14	14,770.42	6,165.05	237.47	238.13	178.37	-715.43	8,345.26	1,320.48	845.18	475.31	2.778		
14,670.00	6,134.90	14,800.42	6,164.90	238.31	238.97	178.37	-714.57	8,375.25	1,320.49	843.50	476.98	2.768		
14,700.00	6,134.65	14,830.42	6,164.74	239.15	239.81	178.37	-713.72	8,405.23	1,320.49	841.83	478.66	2.759		
14,730.00	6,134.40	14,860.42	6,164.59	239.99	240.65	178.37	-712.87	8,435.22	1,320.50	840.16	480.34	2.749		
14,760.00	6,134.16	14,890.41	6,164.43	240.83	241.49	178.37	-712.02	8,465.21	1,320.50	838.48	482.02	2.740		
14,790.00	6,133.91	14,920.41	6,164.28	241.67	242.33	178.37	-711.17	8,495.20	1,320.50	836.81	483.70	2.730		
14,820.00	6,133.66	14,950.41	6,164.13	242.51	243.17	178.37	-710.31	8,525.18	1,320.51	835.13	485.37	2.721		
14,850.00	6,133.42	14,980.41	6,163.97	243.35	244.01	178.37	-709.46	8,555.17	1,320.51	833.46	487.05	2.711		
14,880.00	6,133.17	15,010.41	6,163.82	244.19	244.84	178.37	-708.61	8,585.16	1,320.52	831.79	488.73	2.702		
14,910.00	6,132.92	15,040.41	6,163.66	245.03	245.68	178.37	-707.76	8,615.15	1,320.52	830.11	490.41	2.693		
14,940.00	6,132.68	15,070.41	6,163.51	245.87	246.52	178.37	-706.90	8,645.13	1,320.52	828.44	492.08	2.684		
14,970.00	6,132.43	15,100.41	6,163.36	246.71	247.36	178.37	-706.05	8,675.12	1,320.53	826.76	493.76	2.674		
15,000.00	6,132.18	15,130.41	6,163.20	247.55	248.20	178.37	-705.20	8,705.11	1,320.53	825.09	495.44	2.665		
15,030.00	6,131.94	15,160.41	6,163.05	248.39	249.04	178.37	-704.35	8,735.09	1,320.54	823.42	497.12	2.656		
15,060.00	6,131.69	15,190.41	6,162.89	249.23	249.88	178.37	-703.50	8,765.08	1,320.54	821.74	498.80	2.647		
15,090.00	6,131.44	15,220.41	6,162.74	250.07	250.72	178.37	-702.64	8,795.07	1,320.54	820.07	500.47	2.639		
15,120.00	6,131.20	15,250.41	6,162.59	250.91	251.56	178.37	-701.79	8,825.06	1,320.55	818.39	502.15	2.630		
15,150.00	6,130.95	15,280.41	6,162.43	251.75	252.40	178.37	-700.94	8,855.04	1,320.55	816.72	503.83	2.621		
15,180.00	6,130.71	15,310.41	6,162.28	252.58	253.23	178.37	-700.09	8,885.03	1,320.56	815.05	505.51	2.612		
15,210.00	6,130.46	15,340.41	6,162.12	253.42	254.07	178.37	-699.23	8,915.02	1,320.56	813.37	507.19	2.604		
15,240.00	6,130.21	15,370.41	6,161.97	254.26	254.91	178.37	-698.38	8,945.01	1,320.56	811.70	508.86	2.595		
15,270.00	6,129.97	15,400.41	6,161.82	255.10	255.75	178.37	-697.53	8,974.99	1,320.57	810.02	510.54	2.587		
15,300.00	6,129.72	15,430.41	6,161.66	255.94	256.59	178.36	-696.68	9,004.98	1,320.57	808.35	512.22	2.578		
15,330.00	6,129.47	15,460.41	6,161.51	256.78	257.43	178.36	-695.83	9,034.97	1,320.58	806.68	513.90	2.570		
15,360.00	6,129.23	15,490.41	6,161.35	257.62	258.27	178.36	-694.97	9,064.96	1,320.58	805.00	515.58	2.561		
15,390.00	6,128.98	15,520.41	6,161.20	258.46	259.11	178.36	-694.12	9,094.94	1,320.58	803.33	517.25	2.553		
15,420.00	6,128.73	15,550.41	6,161.05	259.30	259.95	178.36	-693.27	9,124.93	1,320.59	801.65	518.93	2.545		
15,450.00	6,128.49	15,580.41	6,160.89	260.14	260.79	178.36	-692.42	9,154.92	1,320.59	799.98	520.61	2.537		
15,480.00	6,128.24	15,610.41	6,160.74	260.98	261.63	178.36	-691.56	9,184.90	1,320.60	798.31	522.29	2.528		
15,510.00	6,127.99	15,640.41	6,160.58	261.82	262.47	178.36	-690.71	9,214.89	1,320.60	796.63	523.97	2.520		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



<b>Company:</b>	Bill Barrett Corp.	<b>Local Co-ordinate Reference:</b>	Well Anschutz State 5-62-26-1609BH2
<b>Project:</b>	Weld Co., CO	<b>TVD Reference:</b>	WELL @ 4656.00usft (Original Well Elev)
<b>Reference Site:</b>	Sec.26-T5N-R62W	<b>MD Reference:</b>	WELL @ 4656.00usft (Original Well Elev)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Anschutz State 5-62-26-1609BH2	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDMDBBW
<b>Reference Design:</b>	Design #2	<b>Offset TVD Reference:</b>	Reference Datum

Offset Design											Sec.26-T5N-R62W - Anschutz State 5-62-26-3225BH2 - Wellbore #1 - Design #2		Offset Site Error:		0.00 usft
Survey Program: 0-MWD													Offset Well Error:		0.00 usft
Reference		Offset		Semi Major Axis			Distance								
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Azimuth from North (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning		
15,540.00	6,127.75	15,670.41	6,160.43	262.66	263.30	178.36	-689.86	9,244.88	1,320.60	794.96	525.65	2.512			
15,570.00	6,127.50	15,700.41	6,160.28	263.50	264.14	178.36	-689.01	9,274.87	1,320.61	793.28	527.32	2.504			
15,600.00	6,127.25	15,730.41	6,160.12	264.34	264.98	178.36	-688.16	9,304.85	1,320.61	791.61	529.00	2.496			
15,630.00	6,127.01	15,760.41	6,159.97	265.18	265.82	178.36	-687.30	9,334.84	1,320.62	789.94	530.68	2.489			
15,660.00	6,126.76	15,790.41	6,159.81	266.02	266.66	178.36	-686.45	9,364.83	1,320.62	788.26	532.36	2.481			
15,690.00	6,126.51	15,820.41	6,159.66	266.86	267.50	178.36	-685.60	9,394.82	1,320.62	786.59	534.04	2.473			
15,720.00	6,126.27	15,850.41	6,159.51	267.70	268.34	178.36	-684.75	9,424.80	1,320.63	784.91	535.71	2.465			
15,750.00	6,126.02	15,880.41	6,159.35	268.54	269.18	178.36	-683.89	9,454.79	1,320.63	783.24	537.39	2.457			
15,780.00	6,125.77	15,910.41	6,159.20	269.38	270.02	178.36	-683.04	9,484.78	1,320.64	781.57	539.07	2.450			
15,810.00	6,125.53	15,940.41	6,159.04	270.22	270.86	178.36	-682.19	9,514.77	1,320.64	779.89	540.75	2.442			
15,840.00	6,125.28	15,970.41	6,158.89	271.06	271.70	178.36	-681.34	9,544.75	1,320.65	778.22	542.43	2.435			
15,870.00	6,125.03	16,000.41	6,158.74	271.90	272.54	178.36	-680.49	9,574.74	1,320.65	776.54	544.11	2.427			
15,900.00	6,124.79	16,030.41	6,158.58	272.74	273.38	178.36	-679.63	9,604.73	1,320.65	774.87	545.78	2.420			
15,930.00	6,124.54	16,060.41	6,158.43	273.58	274.22	178.36	-678.78	9,634.72	1,320.66	773.20	547.46	2.412			
15,960.00	6,124.29	16,090.41	6,158.27	274.42	275.05	178.36	-677.93	9,664.70	1,320.66	771.52	549.14	2.405			
15,990.00	6,124.05	16,120.41	6,158.12	275.26	275.89	178.36	-677.08	9,694.69	1,320.67	769.85	550.82	2.398			
16,020.00	6,123.80	16,150.41	6,157.97	276.09	276.73	178.36	-676.22	9,724.68	1,320.67	768.17	552.50	2.390			
16,050.00	6,123.55	16,180.41	6,157.81	276.93	277.57	178.36	-675.37	9,754.66	1,320.67	766.50	554.18	2.383			
16,080.00	6,123.31	16,210.41	6,157.66	277.77	278.41	178.36	-674.52	9,784.65	1,320.68	764.83	555.85	2.376			
16,110.00	6,123.06	16,240.41	6,157.51	278.61	279.25	178.36	-673.67	9,814.64	1,320.68	763.15	557.53	2.369			
16,140.00	6,122.82	16,270.41	6,157.35	279.45	280.09	178.36	-672.82	9,844.63	1,320.69	761.48	559.21	2.362			
16,170.00	6,122.57	16,300.41	6,157.20	280.29	280.93	178.36	-671.96	9,874.61	1,320.69	759.80	560.89	2.355			
16,200.00	6,122.32	16,330.41	6,157.04	281.13	281.77	178.36	-671.11	9,904.60	1,320.70	758.13	562.57	2.348			
16,230.00	6,122.08	16,339.55	6,157.00	281.97	282.03	179.27	-670.85	9,913.74	1,320.86	757.20	563.66	2.343			
16,239.34	6,122.00	16,339.55	6,157.00	282.24	282.03	179.67	-670.85	9,913.74	1,321.05	757.12	563.92	2.343 SF			

<b>Company:</b>	Bill Barrett Corp.	<b>Local Co-ordinate Reference:</b>	Well Anschutz State 5-62-26-1609BH2
<b>Project:</b>	Weld Co., CO	<b>TVD Reference:</b>	WELL @ 4656.00usft (Original Well Elev)
<b>Reference Site:</b>	Sec.26-T5N-R62W	<b>MD Reference:</b>	WELL @ 4656.00usft (Original Well Elev)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Anschutz State 5-62-26-1609BH2	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDMDBBW
<b>Reference Design:</b>	Design #2	<b>Offset TVD Reference:</b>	Reference Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 0-MWD													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Azimuth from North (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
0.00	0.00	0.00	0.00	0.00	0.00	178.92	-44.44	0.84	44.45					
30.00	30.00	30.00	30.00	0.02	0.03	178.92	-44.44	0.84	44.45	44.40	0.04	1,008.933		
60.00	60.00	60.00	60.00	0.05	0.06	178.92	-44.44	0.84	44.45	44.34	0.11	418.964		
90.00	90.00	90.00	90.00	0.08	0.08	178.92	-44.44	0.84	44.45	44.28	0.17	264.373		
120.00	120.00	120.00	120.00	0.14	0.14	178.92	-44.44	0.84	44.45	44.17	0.28	159.477		
150.00	150.00	150.00	150.00	0.21	0.21	178.92	-44.44	0.84	44.45	44.03	0.41	107.473		
180.00	180.00	180.00	180.00	0.27	0.27	178.92	-44.44	0.84	44.45	43.90	0.55	81.046		
210.00	210.00	210.00	210.00	0.34	0.34	178.92	-44.44	0.84	44.45	43.76	0.68	65.050		
240.00	240.00	240.00	240.00	0.41	0.41	178.92	-44.44	0.84	44.45	43.63	0.82	54.327		
270.00	270.00	270.00	270.00	0.48	0.48	178.92	-44.44	0.84	44.45	43.49	0.95	46.639		
300.00	300.00	300.00	300.00	0.54	0.54	178.92	-44.44	0.84	44.45	43.36	1.09	40.858		
330.00	330.00	330.00	330.00	0.61	0.61	178.92	-44.44	0.84	44.45	43.23	1.22	36.351		
360.00	360.00	360.00	360.00	0.68	0.68	178.92	-44.44	0.84	44.45	43.09	1.36	32.740		
390.00	390.00	390.00	390.00	0.75	0.75	178.92	-44.44	0.84	44.45	42.96	1.49	29.782		
420.00	420.00	420.00	420.00	0.81	0.81	178.92	-44.44	0.84	44.45	42.82	1.63	27.314		
450.00	450.00	450.00	450.00	0.88	0.88	178.92	-44.44	0.84	44.45	42.69	1.76	25.223		
480.00	480.00	480.00	480.00	0.95	0.95	178.92	-44.44	0.84	44.45	42.55	1.90	23.430		
510.00	510.00	510.00	510.00	1.02	1.02	178.92	-44.44	0.84	44.45	42.42	2.03	21.875		
540.00	540.00	540.00	540.00	1.08	1.08	178.92	-44.44	0.84	44.45	42.28	2.17	20.514		
570.00	570.00	570.00	570.00	1.15	1.15	178.92	-44.44	0.84	44.45	42.15	2.30	19.312		
600.00	600.00	600.00	600.00	1.22	1.22	178.92	-44.44	0.84	44.45	42.01	2.44	18.243		
630.00	630.00	630.00	630.00	1.29	1.29	178.92	-44.44	0.84	44.45	41.88	2.57	17.286		
660.00	660.00	660.00	660.00	1.35	1.35	178.92	-44.44	0.84	44.45	41.74	2.71	16.425		
690.00	690.00	690.00	690.00	1.42	1.42	178.92	-44.44	0.84	44.45	41.61	2.84	15.645		
720.00	720.00	720.00	720.00	1.49	1.49	178.92	-44.44	0.84	44.45	41.47	2.98	14.936		
750.00	750.00	750.00	750.00	1.56	1.56	178.92	-44.44	0.84	44.45	41.34	3.11	14.288		
780.00	780.00	780.00	780.00	1.62	1.62	178.92	-44.44	0.84	44.45	41.20	3.25	13.695		
810.00	810.00	810.00	810.00	1.69	1.69	178.92	-44.44	0.84	44.45	41.07	3.38	13.148		
840.00	840.00	840.00	840.00	1.76	1.76	178.92	-44.44	0.84	44.45	40.93	3.52	12.644		
870.00	870.00	870.00	870.00	1.83	1.83	178.92	-44.44	0.84	44.45	40.80	3.65	12.177		
900.00	900.00	900.00	900.00	1.89	1.89	178.92	-44.44	0.84	44.45	40.66	3.79	11.743 CC, ES		
930.00	930.00	929.59	929.59	1.96	1.95	178.89	-44.58	0.77	44.71	40.79	3.91	11.432		
960.00	960.00	959.18	959.17	2.03	2.01	178.79	-44.98	0.55	45.48	41.44	4.04	11.267		
990.00	989.99	988.73	988.72	2.09	2.07	178.63	-45.66	0.20	46.77	42.61	4.16	11.236		
1,020.00	1,019.96	1,018.25	1,018.21	2.16	2.12	178.42	-46.61	-0.29	48.57	44.29	4.29	11.334		
1,050.00	1,049.93	1,047.71	1,047.64	2.23	2.18	178.17	-47.82	-0.92	50.89	46.48	4.41	11.548		
1,080.00	1,079.88	1,077.11	1,076.99	2.29	2.23	177.89	-49.30	-1.69	53.72	49.19	4.53	11.864		
1,110.00	1,109.81	1,106.43	1,106.25	2.36	2.29	177.60	-51.04	-2.59	57.06	52.41	4.65	12.271		
1,140.00	1,139.72	1,135.65	1,135.39	2.43	2.34	177.29	-53.04	-3.63	60.92	56.14	4.78	12.754		
1,170.00	1,169.60	1,164.78	1,164.40	2.50	2.40	176.98	-55.29	-4.80	65.28	60.38	4.90	13.317		
1,200.00	1,199.45	1,193.79	1,193.27	2.57	2.46	176.67	-57.80	-6.10	70.15	65.12	5.03	13.953		
1,230.00	1,229.27	1,222.67	1,221.99	2.64	2.52	176.37	-60.55	-7.53	75.53	70.37	5.16	14.645		
1,260.00	1,259.06	1,251.43	1,250.55	2.72	2.58	176.12	-63.54	-9.09	81.33	76.04	5.29	15.379		
1,290.00	1,288.86	1,280.09	1,278.97	2.79	2.65	175.99	-66.78	-10.77	87.39	81.97	5.42	16.124		
1,320.00	1,318.65	1,308.64	1,307.26	2.87	2.72	175.97	-70.26	-12.57	93.70	88.15	5.55	16.873		
1,350.00	1,348.44	1,337.09	1,335.40	2.95	2.79	176.03	-73.97	-14.50	100.26	94.57	5.69	17.621		
1,380.00	1,378.24	1,365.43	1,363.38	3.03	2.86	176.16	-77.92	-16.55	107.07	101.24	5.83	18.378		
1,410.00	1,408.03	1,394.13	1,391.69	3.10	2.94	176.35	-82.13	-18.74	114.10	108.13	5.97	19.124		
1,440.00	1,437.82	1,423.29	1,420.44	3.19	3.02	176.54	-86.44	-20.98	121.16	115.05	6.11	19.840		
1,470.00	1,467.62	1,452.44	1,449.19	3.27	3.10	176.71	-90.75	-23.22	128.22	121.97	6.25	20.528		
1,500.00	1,497.41	1,481.60	1,477.93	3.35	3.19	176.87	-95.06	-25.46	135.28	128.89	6.39	21.186		
1,530.00	1,527.20	1,510.75	1,506.68	3.43	3.28	177.01	-99.38	-27.70	142.34	135.81	6.53	21.809		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Bill Barrett Corp.	<b>Local Co-ordinate Reference:</b>	Well Anschutz State 5-62-26-1609BH2
<b>Project:</b>	Weld Co., CO	<b>TVD Reference:</b>	WELL @ 4656.00usft (Original Well Elev)
<b>Reference Site:</b>	Sec.26-T5N-R62W	<b>MD Reference:</b>	WELL @ 4656.00usft (Original Well Elev)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Anschutz State 5-62-26-1609BH2	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDMDBBW
<b>Reference Design:</b>	Design #2	<b>Offset TVD Reference:</b>	Reference Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 0-MWD													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Azimuth from North (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
1,560.00	1,557.00	1,539.91	1,535.43	3.51	3.37	177.14	-103.69	-29.93	149.40	142.73	6.67	22.400		
1,590.00	1,586.79	1,569.06	1,564.18	3.60	3.46	177.25	-108.00	-32.17	156.47	149.65	6.81	22.966		
1,620.00	1,616.58	1,598.22	1,592.92	3.68	3.55	177.36	-112.31	-34.41	163.53	156.57	6.96	23.505		
1,650.00	1,646.37	1,627.37	1,621.67	3.76	3.64	177.45	-116.62	-36.65	170.59	163.49	7.10	24.016		
1,680.00	1,676.17	1,656.53	1,650.42	3.85	3.74	177.54	-120.93	-38.89	177.66	170.41	7.25	24.508		
1,710.00	1,705.96	1,685.68	1,679.17	3.93	3.83	177.63	-125.24	-41.13	184.72	177.33	7.39	24.980		
1,740.00	1,735.75	1,714.84	1,707.91	4.02	3.93	177.70	-129.55	-43.37	191.79	184.25	7.54	25.429		
1,770.00	1,765.55	1,743.99	1,736.66	4.11	4.03	177.77	-133.86	-45.61	198.86	191.17	7.69	25.857		
1,800.00	1,795.34	1,773.15	1,765.41	4.19	4.12	177.84	-138.17	-47.84	205.92	198.08	7.84	26.267		
1,830.00	1,825.13	1,802.30	1,794.16	4.28	4.22	177.90	-142.48	-50.08	212.99	205.00	7.99	26.659		
1,860.00	1,854.93	1,831.46	1,822.90	4.37	4.32	177.96	-146.79	-52.32	220.06	211.92	8.14	27.032		
1,890.00	1,884.72	1,860.61	1,851.65	4.45	4.42	178.01	-151.11	-54.56	227.12	218.83	8.29	27.391		
1,920.00	1,914.51	1,889.77	1,880.40	4.54	4.53	178.06	-155.42	-56.80	234.19	225.75	8.44	27.741		
1,950.00	1,944.31	1,918.92	1,909.15	4.63	4.63	178.11	-159.73	-59.04	241.26	232.66	8.59	28.074		
1,980.00	1,974.10	1,948.08	1,937.89	4.72	4.73	178.16	-164.04	-61.28	248.33	239.58	8.75	28.393		
2,010.00	2,003.89	1,977.23	1,966.64	4.80	4.83	178.20	-168.35	-63.52	255.39	246.50	8.90	28.701		
2,040.00	2,033.69	2,006.39	1,995.39	4.89	4.94	178.24	-172.66	-65.76	262.46	253.41	9.05	28.997		
2,070.00	2,063.48	2,035.54	2,024.14	4.98	5.04	178.28	-176.97	-67.99	269.53	260.32	9.20	29.281		
2,100.00	2,093.27	2,064.70	2,052.88	5.07	5.15	178.31	-181.28	-70.23	276.60	267.24	9.36	29.555		
2,130.00	2,123.06	2,093.85	2,081.63	5.16	5.25	178.35	-185.59	-72.47	283.67	274.15	9.51	29.820		
2,160.00	2,152.86	2,123.01	2,110.38	5.25	5.36	178.38	-189.90	-74.71	290.73	281.07	9.67	30.073		
2,190.00	2,182.65	2,152.16	2,139.13	5.34	5.46	178.41	-194.21	-76.95	297.80	287.98	9.82	30.319		
2,220.00	2,212.44	2,181.32	2,167.87	5.43	5.57	178.44	-198.52	-79.19	304.87	294.89	9.98	30.556		
2,250.00	2,242.24	2,210.47	2,196.62	5.52	5.68	178.47	-202.83	-81.43	311.94	301.81	10.13	30.785		
2,280.00	2,272.03	2,239.63	2,225.37	5.61	5.78	178.50	-207.15	-83.67	319.01	308.72	10.29	31.005		
2,310.00	2,301.82	2,268.78	2,254.12	5.70	5.89	178.52	-211.46	-85.90	326.08	315.63	10.44	31.219		
2,340.00	2,331.62	2,297.94	2,282.86	5.79	6.00	178.55	-215.77	-88.14	333.15	322.54	10.60	31.426		
2,370.00	2,361.41	2,327.09	2,311.61	5.88	6.10	178.57	-220.08	-90.38	340.21	329.46	10.76	31.625		
2,400.00	2,391.20	2,356.25	2,340.36	5.97	6.21	178.59	-224.39	-92.62	347.28	336.37	10.91	31.818		
2,430.00	2,421.00	2,385.40	2,369.11	6.06	6.32	178.62	-228.70	-94.86	354.35	343.28	11.07	32.006		
2,460.00	2,450.79	2,414.56	2,397.85	6.15	6.43	178.64	-233.01	-97.10	361.42	350.19	11.23	32.187		
2,490.00	2,480.58	2,443.71	2,426.60	6.24	6.54	178.66	-237.32	-99.34	368.49	357.10	11.39	32.363		
2,520.00	2,510.37	2,472.87	2,455.35	6.33	6.65	178.68	-241.63	-101.58	375.56	364.02	11.54	32.533		
2,550.00	2,540.17	2,502.02	2,484.10	6.42	6.76	178.70	-245.94	-103.81	382.63	370.93	11.70	32.699		
2,580.00	2,569.96	2,531.18	2,512.84	6.51	6.87	178.71	-250.25	-106.05	389.70	377.84	11.86	32.858		
2,610.00	2,599.75	2,560.33	2,541.59	6.60	6.97	178.73	-254.56	-108.29	396.77	384.75	12.02	33.014		
2,640.00	2,629.55	2,589.49	2,570.34	6.69	7.08	178.75	-258.87	-110.53	403.84	391.66	12.18	33.165		
2,670.00	2,659.34	2,618.64	2,599.09	6.78	7.19	178.76	-263.19	-112.77	410.91	398.57	12.34	33.312		
2,700.00	2,689.13	2,647.80	2,627.83	6.87	7.30	178.78	-267.50	-115.01	417.97	405.48	12.49	33.455		
2,730.00	2,718.93	2,676.95	2,656.58	6.96	7.41	178.80	-271.81	-117.25	425.04	412.39	12.65	33.593		
2,760.00	2,748.72	2,706.11	2,685.33	7.06	7.52	178.81	-276.12	-119.49	432.11	419.30	12.81	33.728		
2,790.00	2,778.51	2,735.26	2,714.08	7.15	7.63	178.82	-280.43	-121.73	439.18	426.21	12.97	33.859		
2,820.00	2,808.31	2,764.42	2,742.82	7.24	7.75	178.84	-284.74	-123.96	446.25	433.12	13.13	33.987		
2,850.00	2,838.10	2,793.57	2,771.57	7.33	7.86	178.85	-289.05	-126.20	453.32	440.03	13.29	34.111		
2,880.00	2,867.89	2,822.73	2,800.32	7.42	7.97	178.86	-293.36	-128.44	460.39	446.94	13.45	34.232		
2,910.00	2,897.69	2,851.88	2,829.07	7.51	8.08	178.88	-297.67	-130.68	467.46	453.85	13.61	34.349		
2,940.00	2,927.48	2,881.04	2,857.81	7.60	8.19	178.89	-301.98	-132.92	474.53	460.76	13.77	34.464		
2,970.00	2,957.27	2,910.19	2,886.56	7.70	8.30	178.90	-306.29	-135.16	481.60	467.67	13.93	34.576		
3,000.00	2,987.06	2,939.35	2,915.31	7.79	8.41	178.91	-310.60	-137.40	488.67	474.58	14.09	34.685		
3,030.00	3,016.86	2,968.50	2,944.06	7.88	8.52	178.92	-314.91	-139.64	495.74	481.49	14.25	34.791		
3,060.00	3,046.65	2,997.66	2,972.80	7.97	8.63	178.93	-319.23	-141.87	502.81	488.40	14.41	34.895		
3,090.00	3,076.44	3,026.81	3,001.55	8.06	8.74	178.95	-323.54	-144.11	509.88	495.31	14.57	34.996		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Bill Barrett Corp.	<b>Local Co-ordinate Reference:</b>	Well Anschutz State 5-62-26-1609BH2
<b>Project:</b>	Weld Co., CO	<b>TVD Reference:</b>	WELL @ 4656.00usft (Original Well Elev)
<b>Reference Site:</b>	Sec.26-T5N-R62W	<b>MD Reference:</b>	WELL @ 4656.00usft (Original Well Elev)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Anschutz State 5-62-26-1609BH2	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDMDBBW
<b>Reference Design:</b>	Design #2	<b>Offset TVD Reference:</b>	Reference Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 0-MWD													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Azimuth from North (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
3,120.00	3,106.24	3,055.97	3,030.30	8.16	8.86	178.96	-327.85	-146.35	516.95	502.22	14.73	35.095		
3,150.00	3,136.03	3,085.12	3,059.05	8.25	8.97	178.97	-332.16	-148.59	524.02	509.13	14.89	35.191		
3,180.00	3,165.82	3,114.28	3,087.79	8.34	9.08	178.98	-336.47	-150.83	531.09	516.04	15.05	35.285		
3,210.00	3,195.62	3,143.43	3,116.54	8.43	9.19	178.98	-340.78	-153.07	538.16	522.94	15.21	35.377		
3,240.00	3,225.41	3,172.59	3,145.29	8.52	9.30	178.99	-345.09	-155.31	545.23	529.85	15.37	35.467		
3,270.00	3,255.20	3,201.74	3,174.04	8.62	9.41	179.00	-349.40	-157.55	552.30	536.76	15.53	35.555		
3,300.00	3,285.00	3,230.90	3,202.78	8.71	9.53	179.01	-353.71	-159.79	559.37	543.67	15.69	35.641		
3,330.00	3,314.79	3,260.05	3,231.53	8.80	9.64	179.02	-358.02	-162.02	566.44	550.58	15.86	35.724		
3,360.00	3,344.58	3,289.21	3,260.28	8.89	9.75	179.03	-362.33	-164.26	573.50	557.49	16.02	35.806		
3,390.00	3,374.37	3,318.36	3,289.03	8.98	9.86	179.04	-366.64	-166.50	580.57	564.40	16.18	35.887		
3,420.00	3,404.17	3,347.52	3,317.77	9.08	9.97	179.04	-370.96	-168.74	587.64	571.30	16.34	35.965		
3,450.00	3,433.96	3,376.67	3,346.52	9.17	10.09	179.05	-375.27	-170.98	594.71	578.21	16.50	36.042		
3,480.00	3,463.75	3,405.83	3,375.27	9.26	10.20	179.06	-379.58	-173.22	601.78	585.12	16.66	36.117		
3,510.00	3,493.55	3,434.98	3,404.02	9.35	10.31	179.07	-383.89	-175.46	608.85	592.03	16.82	36.190		
3,540.00	3,523.34	3,464.14	3,432.76	9.45	10.42	179.07	-388.20	-177.70	615.92	598.94	16.99	36.262		
3,570.00	3,553.13	3,493.29	3,461.51	9.54	10.54	179.08	-392.51	-179.93	622.99	605.85	17.15	36.333		
3,600.00	3,582.93	3,522.45	3,490.26	9.63	10.65	179.09	-396.82	-182.17	630.06	612.75	17.31	36.402		
3,630.00	3,612.72	3,551.60	3,519.01	9.72	10.76	179.09	-401.13	-184.41	637.13	619.66	17.47	36.469		
3,660.00	3,642.51	3,580.76	3,547.75	9.82	10.87	179.10	-405.44	-186.65	644.20	626.57	17.63	36.536		
3,690.00	3,672.31	3,609.91	3,576.50	9.91	10.99	179.11	-409.75	-188.89	651.27	633.48	17.79	36.601		
3,720.00	3,702.10	3,639.07	3,605.25	10.00	11.10	179.11	-414.06	-191.13	658.34	640.39	17.96	36.664		
3,750.00	3,731.89	3,668.22	3,634.00	10.09	11.21	179.12	-418.37	-193.37	665.41	647.29	18.12	36.727		
3,780.00	3,761.68	3,697.38	3,662.74	10.19	11.33	179.13	-422.68	-195.61	672.48	654.20	18.28	36.788		
3,810.00	3,791.48	3,726.53	3,691.49	10.28	11.44	179.13	-427.00	-197.85	679.55	661.11	18.44	36.848		
3,840.00	3,821.27	3,755.69	3,720.24	10.37	11.55	179.14	-431.31	-200.08	686.62	668.02	18.60	36.907		
3,870.00	3,851.06	3,784.84	3,748.99	10.47	11.66	179.14	-435.62	-202.32	693.69	674.93	18.77	36.965		
3,900.00	3,880.86	3,814.00	3,777.73	10.56	11.78	179.15	-439.93	-204.56	700.76	681.83	18.93	37.022		
3,930.00	3,910.65	3,843.15	3,806.48	10.65	11.89	179.15	-444.24	-206.80	707.83	688.74	19.09	37.077		
3,960.00	3,940.44	3,872.31	3,835.23	10.74	12.00	179.16	-448.55	-209.04	714.90	695.65	19.25	37.132		
3,990.00	3,970.24	3,901.46	3,863.98	10.84	12.12	179.17	-452.86	-211.28	721.97	702.56	19.42	37.185		
4,020.00	4,000.03	3,930.62	3,892.72	10.93	12.23	179.17	-457.17	-213.52	729.04	709.46	19.58	37.238		
4,050.00	4,029.82	3,959.77	3,921.47	11.02	12.34	179.18	-461.48	-215.76	736.11	716.37	19.74	37.290		
4,080.00	4,059.62	3,988.93	3,950.22	11.11	12.46	179.18	-465.79	-217.99	743.18	723.28	19.90	37.341		
4,110.00	4,089.41	4,018.08	3,978.97	11.21	12.57	179.19	-470.10	-220.23	750.25	730.19	20.07	37.390		
4,140.00	4,119.20	4,047.24	4,007.71	11.30	12.68	179.19	-474.41	-222.47	757.32	737.09	20.23	37.439		
4,170.00	4,149.00	4,076.39	4,036.46	11.39	12.79	179.19	-478.72	-224.71	764.39	744.00	20.39	37.488		
4,200.00	4,178.79	4,105.55	4,065.21	11.49	12.91	179.20	-483.04	-226.95	771.46	750.91	20.55	37.535		
4,230.00	4,208.58	4,134.70	4,093.95	11.58	13.02	179.20	-487.35	-229.19	778.53	757.81	20.72	37.581		
4,260.00	4,238.37	4,163.85	4,122.70	11.67	13.13	179.21	-491.66	-231.43	785.60	764.72	20.88	37.627		
4,290.00	4,268.17	4,193.01	4,151.45	11.76	13.25	179.21	-495.97	-233.67	792.67	771.63	21.04	37.672		
4,320.00	4,297.96	4,222.16	4,180.20	11.86	13.36	179.22	-500.28	-235.91	799.74	778.54	21.20	37.716		
4,350.00	4,327.75	4,251.32	4,208.94	11.95	13.47	179.22	-504.59	-238.14	806.81	785.44	21.37	37.760		
4,380.00	4,357.55	4,280.47	4,237.69	12.04	13.59	179.23	-508.90	-240.38	813.88	792.35	21.53	37.803		
4,410.00	4,387.34	4,309.63	4,266.44	12.14	13.70	179.23	-513.21	-242.62	820.95	799.26	21.69	37.845		
4,440.00	4,417.13	4,338.78	4,295.19	12.23	13.81	179.23	-517.52	-244.86	828.02	806.16	21.86	37.886		
4,470.00	4,446.93	4,367.94	4,323.93	12.32	13.93	179.24	-521.83	-247.10	835.09	813.07	22.02	37.927		
4,500.00	4,476.72	4,397.09	4,352.68	12.42	14.04	179.24	-526.14	-249.34	842.16	819.98	22.18	37.967		
4,530.00	4,506.51	4,426.25	4,381.43	12.51	14.16	179.24	-530.45	-251.58	849.23	826.89	22.34	38.006		
4,560.00	4,536.31	4,455.40	4,410.18	12.60	14.27	179.25	-534.76	-253.82	856.30	833.79	22.51	38.045		
4,590.00	4,566.10	4,484.56	4,438.92	12.69	14.38	179.25	-539.08	-256.05	863.37	840.70	22.67	38.083		
4,620.00	4,595.89	4,513.71	4,467.67	12.79	14.50	179.26	-543.39	-258.29	870.44	847.61	22.83	38.121		
4,650.00	4,625.68	4,542.87	4,496.42	12.88	14.61	179.26	-547.70	-260.53	877.51	854.51	23.00	38.158		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Bill Barrett Corp.	<b>Local Co-ordinate Reference:</b>	Well Anschutz State 5-62-26-1609BH2
<b>Project:</b>	Weld Co., CO	<b>TVD Reference:</b>	WELL @ 4656.00usft (Original Well Elev)
<b>Reference Site:</b>	Sec.26-T5N-R62W	<b>MD Reference:</b>	WELL @ 4656.00usft (Original Well Elev)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Anschutz State 5-62-26-1609BH2	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDMDBBW
<b>Reference Design:</b>	Design #2	<b>Offset TVD Reference:</b>	Reference Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 0-MWD													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Azimuth from North (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
4,680.00	4,655.48	4,572.02	4,525.17	12.97	14.72	179.26	-552.01	-262.77	884.58	861.42	23.16	38.194		
4,710.00	4,685.27	4,601.18	4,553.91	13.07	14.84	179.27	-556.32	-265.01	891.65	868.33	23.32	38.230		
4,740.00	4,715.06	4,630.33	4,582.66	13.16	14.95	179.27	-560.63	-267.25	898.72	875.23	23.49	38.265		
4,770.00	4,744.86	4,659.49	4,611.41	13.25	15.06	179.27	-564.94	-269.49	905.79	882.14	23.65	38.300		
4,800.00	4,774.65	4,688.64	4,640.16	13.35	15.18	179.28	-569.25	-271.73	912.86	889.05	23.81	38.334		
4,830.00	4,804.44	4,717.80	4,668.90	13.44	15.29	179.28	-573.56	-273.96	919.93	895.95	23.98	38.368		
4,860.00	4,834.24	4,746.95	4,697.65	13.53	15.41	179.28	-577.87	-276.20	927.00	902.86	24.14	38.401		
4,890.00	4,864.03	4,776.11	4,726.40	13.63	15.52	179.29	-582.18	-278.44	934.07	909.77	24.30	38.434		
4,920.00	4,893.82	4,805.27	4,755.15	13.72	15.63	179.29	-586.49	-280.68	941.14	916.67	24.47	38.464		
4,950.00	4,923.64	4,834.46	4,783.93	13.80	15.75	179.30	-590.81	-282.92	948.05	923.41	24.64	38.477		
4,980.00	4,953.49	4,863.70	4,812.77	13.87	15.86	179.32	-595.13	-285.17	954.73	929.92	24.81	38.482		
5,010.00	4,983.37	4,903.88	4,852.42	13.95	15.99	179.40	-600.87	-288.15	961.03	936.04	24.99	38.455		
5,040.00	5,013.28	4,945.82	4,893.90	14.01	16.10	179.49	-606.33	-290.98	966.72	941.57	25.15	38.436		
5,070.00	5,043.21	4,988.02	4,935.74	14.07	16.21	179.56	-611.28	-293.56	971.79	946.48	25.31	38.394		
5,100.00	5,073.15	5,030.46	4,977.89	14.13	16.30	179.64	-615.71	-295.85	976.24	950.77	25.47	38.336		
5,130.00	5,103.12	5,073.12	5,020.31	14.18	16.40	179.70	-619.60	-297.88	980.06	954.44	25.61	38.266		
5,160.00	5,133.10	5,115.95	5,062.98	14.23	16.49	179.76	-622.94	-299.61	983.24	957.49	25.75	38.177		
5,190.00	5,163.09	5,158.92	5,105.84	14.28	16.57	179.82	-625.73	-301.06	985.79	959.90	25.89	38.073		
5,220.00	5,193.08	5,202.02	5,148.86	14.33	16.65	179.87	-627.95	-302.21	987.71	961.68	26.03	37.951		
5,250.00	5,223.08	5,245.19	5,192.00	14.37	16.71	179.91	-629.59	-303.06	988.98	962.83	26.15	37.819		
5,280.00	5,253.08	5,288.42	5,235.21	14.42	16.78	179.94	-630.66	-303.62	989.72	960.46	26.26	38.822		
5,310.00	5,283.08	5,331.68	5,278.46	14.47	16.84	179.96	-631.15	-303.88	990.07	960.68	29.38	33.698		
5,340.00	5,313.08	5,366.30	5,313.08	14.52	16.89	179.96	-631.19	-303.89	990.09	960.60	29.49	33.576		
5,370.00	5,343.08	5,396.30	5,343.08	14.57	16.93	179.96	-631.19	-303.89	990.09	960.50	29.59	33.464		
5,400.00	5,373.08	5,426.30	5,373.08	14.63	16.97	179.96	-631.19	-303.89	990.09	960.41	29.68	33.356		
5,430.00	5,403.08	5,456.30	5,403.08	14.68	17.01	179.96	-631.19	-303.89	990.09	960.31	29.78	33.248		
5,460.00	5,433.08	5,486.30	5,433.08	14.73	17.05	179.96	-631.19	-303.89	990.09	960.22	29.87	33.141		
5,490.00	5,463.08	5,516.30	5,463.08	14.79	17.08	179.96	-631.19	-303.89	990.09	960.12	29.97	33.035		
5,520.00	5,493.08	5,546.30	5,493.08	14.84	17.12	179.96	-631.19	-303.89	990.09	960.02	30.07	32.929		
5,550.00	5,523.08	5,576.30	5,523.08	14.89	17.16	179.96	-631.19	-303.89	990.09	959.93	30.16	32.823		
5,580.00	5,553.08	5,606.30	5,553.08	14.95	17.20	179.96	-631.19	-303.89	990.09	959.83	30.26	32.718		
5,610.00	5,583.08	5,636.30	5,583.08	15.00	17.24	179.96	-631.19	-303.89	990.09	959.73	30.36	32.613		
5,640.00	5,613.08	5,666.30	5,613.08	15.06	17.28	179.96	-631.19	-303.89	990.09	959.63	30.46	32.508		
5,670.00	5,643.08	5,696.30	5,643.08	15.11	17.31	179.96	-631.19	-303.89	990.09	959.54	30.55	32.404		
5,700.00	5,673.08	5,726.30	5,673.08	15.16	17.35	179.96	-631.19	-303.89	990.09	959.44	30.65	32.300		
5,730.00	5,703.08	5,756.30	5,703.08	15.22	17.39	179.96	-631.19	-303.89	990.09	959.34	30.75	32.197		
5,740.48	5,713.57	5,766.79	5,713.57	15.24	17.41	179.96	-631.19	-303.89	990.09	962.11	27.98	35.390		
5,760.00	5,733.08	5,786.30	5,733.08	15.27	17.43	179.96	-631.19	-303.89	990.09	962.05	28.05	35.302		
5,790.00	5,763.04	5,816.26	5,763.04	15.31	17.47	-179.95	-631.19	-303.89	990.13	962.00	28.14	35.188		
5,820.00	5,792.85	5,846.07	5,792.85	15.34	17.51	-179.76	-631.19	-303.89	990.24	962.02	28.22	35.095		
5,850.00	5,822.39	5,878.02	5,824.78	15.36	17.55	-179.52	-631.16	-302.87	990.39	962.11	28.28	35.023		
5,880.00	5,851.54	5,910.35	5,856.94	15.38	17.58	-179.29	-631.07	-299.67	990.55	962.23	28.32	34.980		
5,910.00	5,880.19	5,943.00	5,889.13	15.38	17.60	-179.09	-630.92	-294.23	990.72	962.38	28.34	34.959		
5,940.00	5,908.22	5,975.98	5,921.19	15.38	17.61	-178.92	-630.70	-286.52	990.90	962.56	28.34	34.960		
5,970.00	5,935.53	6,009.27	5,952.93	15.37	17.60	-178.79	-630.41	-276.52	991.09	962.75	28.33	34.980		
6,000.00	5,962.01	6,042.86	5,984.17	15.36	17.59	-178.68	-630.06	-264.20	991.27	962.96	28.31	35.010		
6,030.00	5,987.55	6,076.75	6,014.74	15.34	17.58	-178.62	-629.65	-249.59	991.46	963.17	28.29	35.044		
6,060.00	6,012.06	6,110.91	6,044.42	15.32	17.55	-178.60	-629.17	-232.70	991.64	963.36	28.27	35.074		
6,090.00	6,035.42	6,145.33	6,073.03	15.30	17.52	-178.61	-628.63	-213.58	991.81	963.54	28.27	35.089		
6,120.00	6,057.57	6,179.99	6,100.37	15.28	17.49	-178.67	-628.02	-192.30	991.96	963.68	28.28	35.076		
6,150.00	6,078.39	6,214.86	6,126.24	15.26	17.45	-178.78	-627.36	-168.95	992.11	963.78	28.33	35.021		
6,180.00	6,097.82	6,249.91	6,150.47	15.23	17.41	-178.92	-626.64	-143.63	992.23	963.81	28.42	34.910		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Bill Barrett Corp.	<b>Local Co-ordinate Reference:</b>	Well Anschutz State 5-62-26-1609BH2
<b>Project:</b>	Weld Co., CO	<b>TVD Reference:</b>	WELL @ 4656.00usft (Original Well Elev)
<b>Reference Site:</b>	Sec.26-T5N-R62W	<b>MD Reference:</b>	WELL @ 4656.00usft (Original Well Elev)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Anschutz State 5-62-26-1609BH2	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDMDBBW
<b>Reference Design:</b>	Design #2	<b>Offset TVD Reference:</b>	Reference Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 0-MWD													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Azimuth from North (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
6,210.00	6,115.78	6,285.13	6,172.87	15.22	17.37	-179.10	-625.87	-116.48	992.34	963.76	28.58	34.726		
6,240.00	6,132.20	6,320.47	6,193.27	15.20	17.33	-179.32	-625.05	-87.65	992.42	963.62	28.79	34.465		
6,270.00	6,147.00	6,355.90	6,211.53	15.20	17.29	-179.56	-624.19	-57.30	992.48	963.38	29.09	34.115		
6,300.00	6,160.14	6,391.40	6,227.52	15.21	17.25	-179.84	-623.29	-25.63	992.51	963.04	29.47	33.673		
6,330.00	6,171.56	6,426.92	6,241.11	15.27	17.21	179.87	-622.36	7.16	992.52	962.57	29.95	33.139		
6,360.00	6,181.21	6,462.42	6,252.23	15.43	17.17	179.56	-621.40	40.86	992.50	961.98	30.52	32.518		
6,390.00	6,189.06	6,497.89	6,260.80	15.70	17.14	179.25	-620.43	75.25	992.46	961.28	31.18	31.831		
6,420.00	6,195.08	6,533.27	6,266.79	16.04	17.12	178.93	-619.44	110.10	992.39	960.46	31.92	31.086		
6,450.00	6,199.24	6,568.54	6,270.17	16.42	17.14	178.62	-618.44	145.19	992.30	959.55	32.75	30.304		
6,480.00	6,201.53	6,603.03	6,270.98	16.84	17.32	178.35	-617.46	179.64	992.19	958.55	33.63	29.501		
6,507.58	6,202.10	6,630.59	6,270.83	17.25	17.64	178.35	-616.68	207.20	992.14	957.67	34.47	28.785		
6,510.00	6,201.96	6,633.02	6,270.82	17.29	17.67	178.35	-616.61	209.62	992.15	957.61	34.54	28.725		
6,540.00	6,201.71	6,663.02	6,270.66	17.78	18.13	178.35	-615.76	239.61	992.16	956.66	35.49	27.954		
6,570.00	6,201.47	6,693.02	6,270.51	18.27	18.63	178.35	-614.91	269.59	992.17	955.72	36.45	27.223		
6,600.00	6,201.22	6,723.02	6,270.35	18.77	19.17	178.35	-614.06	299.58	992.18	954.71	37.46	26.485		
6,630.00	6,200.97	6,753.02	6,270.19	19.33	19.72	178.35	-613.21	329.57	992.18	953.61	38.57	25.724		
6,660.00	6,200.73	6,783.02	6,270.04	19.90	20.29	178.35	-612.35	359.56	992.19	952.52	39.68	25.006		
6,690.00	6,200.48	6,813.02	6,269.88	20.46	20.88	178.35	-611.50	389.54	992.20	951.39	40.81	24.311		
6,720.00	6,200.24	6,843.02	6,269.72	21.07	21.50	178.35	-610.65	419.53	992.21	950.19	42.02	23.612		
6,750.00	6,199.99	6,873.02	6,269.57	21.69	22.11	178.35	-609.80	449.52	992.22	948.97	43.25	22.942		
6,780.00	6,199.74	6,903.02	6,269.41	22.31	22.74	178.35	-608.95	479.51	992.23	947.75	44.48	22.307		
6,810.00	6,199.50	6,933.02	6,269.25	22.94	23.40	178.35	-608.10	509.49	992.24	946.47	45.77	21.680		
6,840.00	6,199.25	6,963.01	6,269.09	23.60	24.06	178.35	-607.25	539.48	992.25	945.16	47.08	21.074		
6,870.00	6,199.00	6,993.01	6,268.94	24.27	24.72	178.35	-606.40	569.47	992.26	943.86	48.40	20.501		
6,900.00	6,198.76	7,023.01	6,268.78	24.93	25.40	178.35	-605.54	599.46	992.27	942.52	49.74	19.948		
6,930.00	6,198.51	7,053.01	6,268.62	25.62	26.10	178.35	-604.69	629.44	992.27	941.15	51.13	19.409		
6,960.00	6,198.26	7,083.01	6,268.47	26.32	26.79	178.35	-603.84	659.43	992.28	939.78	52.51	18.898		
6,990.00	6,198.02	7,113.01	6,268.31	27.01	27.49	178.35	-602.99	689.42	992.29	938.39	53.90	18.409		
7,020.00	6,197.77	7,143.01	6,268.15	27.72	28.21	178.35	-602.14	719.41	992.30	936.97	55.33	17.934		
7,050.00	6,197.52	7,173.01	6,267.99	28.44	28.93	178.35	-601.29	749.39	992.31	935.55	56.76	17.481		
7,080.00	6,197.28	7,203.01	6,267.84	29.16	29.65	178.35	-600.44	779.38	992.32	934.12	58.20	17.050		
7,110.00	6,197.03	7,233.01	6,267.68	29.89	30.38	178.35	-599.58	809.37	992.33	932.67	59.66	16.632		
7,140.00	6,196.78	7,263.01	6,267.52	30.62	31.12	178.35	-598.73	839.35	992.34	931.20	61.14	16.231		
7,170.00	6,196.54	7,293.01	6,267.37	31.36	31.86	178.35	-597.88	869.34	992.35	929.74	62.61	15.849		
7,200.00	6,196.29	7,323.01	6,267.21	32.10	32.60	178.35	-597.03	899.33	992.36	928.26	64.10	15.482		
7,230.00	6,196.04	7,353.01	6,267.05	32.85	33.35	178.35	-596.18	929.32	992.37	926.76	65.60	15.127		
7,260.00	6,195.80	7,383.01	6,266.89	33.61	34.11	178.35	-595.33	959.30	992.37	925.27	67.11	14.787		
7,290.00	6,195.55	7,413.01	6,266.74	34.36	34.86	178.35	-594.48	989.29	992.38	923.76	68.62	14.462		
7,320.00	6,195.30	7,443.01	6,266.58	35.12	35.63	178.35	-593.63	1,019.28	992.39	922.25	70.15	14.147		
7,350.00	6,195.06	7,473.01	6,266.42	35.89	36.39	178.35	-592.77	1,049.27	992.40	920.72	71.68	13.845		
7,380.00	6,194.81	7,503.01	6,266.27	36.66	37.16	178.35	-591.92	1,079.25	992.41	919.20	73.21	13.556		
7,410.00	6,194.56	7,533.01	6,266.11	37.43	37.93	178.35	-591.07	1,109.24	992.42	917.67	74.75	13.276		
7,440.00	6,194.32	7,563.01	6,265.95	38.20	38.70	178.35	-590.22	1,139.23	992.43	916.13	76.30	13.007		
7,470.00	6,194.07	7,593.01	6,265.80	38.98	39.48	178.35	-589.37	1,169.22	992.44	914.59	77.85	12.748		
7,500.00	6,193.82	7,623.01	6,265.64	39.75	40.26	178.35	-588.52	1,199.20	992.45	913.04	79.41	12.498		
7,530.00	6,193.58	7,653.01	6,265.48	40.54	41.04	178.35	-587.67	1,229.19	992.46	911.48	80.98	12.256		
7,560.00	6,193.33	7,683.01	6,265.32	41.32	41.82	178.35	-586.81	1,259.18	992.47	909.92	82.54	12.024		
7,590.00	6,193.08	7,713.01	6,265.17	42.11	42.61	178.35	-585.95	1,289.17	992.48	908.36	84.11	11.799		
7,620.00	6,192.84	7,743.01	6,265.01	42.89	43.40	178.35	-585.11	1,319.15	992.48	906.79	85.69	11.582		
7,650.00	6,192.59	7,773.01	6,264.85	43.68	44.19	178.35	-584.26	1,349.14	992.49	905.22	87.27	11.373		
7,680.00	6,192.35	7,803.01	6,264.70	44.48	44.98	178.35	-583.41	1,379.13	992.50	903.65	88.85	11.170		
7,710.00	6,192.10	7,833.01	6,264.54	45.27	45.77	178.35	-582.56	1,409.11	992.51	902.07	90.44	10.974		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



<b>Company:</b>	Bill Barrett Corp.	<b>Local Co-ordinate Reference:</b>	Well Anschutz State 5-62-26-1609BH2
<b>Project:</b>	Weld Co., CO	<b>TVD Reference:</b>	WELL @ 4656.00usft (Original Well Elev)
<b>Reference Site:</b>	Sec.26-T5N-R62W	<b>MD Reference:</b>	WELL @ 4656.00usft (Original Well Elev)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Anschutz State 5-62-26-1609BH2	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDMDBBW
<b>Reference Design:</b>	Design #2	<b>Offset TVD Reference:</b>	Reference Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 0-MWD													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Azimuth from North (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
7,740.00	6,191.85	7,863.01	6,264.38	46.06	46.57	178.35	-581.71	1,439.10	992.52	900.49	92.03	10.785		
7,770.00	6,191.61	7,893.01	6,264.22	46.86	47.36	178.35	-580.86	1,469.09	992.53	898.91	93.62	10.602		
7,800.00	6,191.36	7,923.01	6,264.07	47.66	48.16	178.35	-580.00	1,499.08	992.54	897.32	95.22	10.424		
7,830.00	6,191.11	7,953.01	6,263.91	48.46	48.96	178.35	-579.15	1,529.06	992.55	895.73	96.82	10.252		
7,860.00	6,190.87	7,983.01	6,263.75	49.26	49.76	178.35	-578.30	1,559.05	992.56	894.14	98.42	10.085		
7,890.00	6,190.62	8,013.01	6,263.60	50.06	50.56	178.35	-577.45	1,589.04	992.57	892.55	100.02	9.924		
7,920.00	6,190.37	8,043.01	6,263.44	50.87	51.37	178.35	-576.60	1,619.03	992.58	890.95	101.63	9.767		
7,950.00	6,190.13	8,073.01	6,263.28	51.67	52.17	178.35	-575.75	1,649.01	992.59	889.35	103.23	9.615		
7,980.00	6,189.88	8,103.01	6,263.12	52.48	52.97	178.35	-574.90	1,679.00	992.60	887.75	104.84	9.467		
8,010.00	6,189.63	8,133.01	6,262.97	53.28	53.78	178.35	-574.04	1,708.99	992.60	886.15	106.46	9.324		
8,040.00	6,189.39	8,163.01	6,262.81	54.09	54.59	178.35	-573.19	1,738.98	992.61	884.54	108.07	9.185		
8,070.00	6,189.14	8,193.01	6,262.65	54.90	55.40	178.35	-572.34	1,768.96	992.62	882.94	109.69	9.050		
8,100.00	6,188.89	8,223.01	6,262.50	55.71	56.21	178.35	-571.49	1,798.95	992.63	881.33	111.30	8.918		
8,130.00	6,188.65	8,253.01	6,262.34	56.52	57.02	178.35	-570.64	1,828.94	992.64	879.72	112.92	8.790		
8,160.00	6,188.40	8,283.01	6,262.18	57.33	57.83	178.35	-569.79	1,858.93	992.65	878.11	114.55	8.666		
8,190.00	6,188.15	8,313.01	6,262.03	58.14	58.64	178.35	-568.94	1,888.91	992.66	876.49	116.17	8.545		
8,220.00	6,187.91	8,343.01	6,261.87	58.96	59.45	178.35	-568.09	1,918.90	992.67	874.88	117.79	8.427		
8,250.00	6,187.66	8,373.01	6,261.71	59.77	60.27	178.35	-567.23	1,948.89	992.68	873.26	119.42	8.313		
8,280.00	6,187.41	8,403.01	6,261.55	60.59	61.08	178.35	-566.38	1,978.87	992.69	871.64	121.05	8.201		
8,310.00	6,187.17	8,433.01	6,261.40	61.40	61.90	178.35	-565.53	2,008.86	992.70	870.02	122.67	8.092		
8,340.00	6,186.92	8,463.01	6,261.24	62.22	62.71	178.35	-564.68	2,038.85	992.71	868.40	124.30	7.986		
8,370.00	6,186.67	8,493.01	6,261.08	63.04	63.53	178.35	-563.83	2,068.84	992.72	866.78	125.94	7.883		
8,400.00	6,186.43	8,523.01	6,260.93	63.85	64.34	178.35	-562.98	2,098.82	992.73	865.16	127.57	7.782		
8,430.00	6,186.18	8,553.01	6,260.77	64.67	65.16	178.35	-562.13	2,128.81	992.74	863.53	129.20	7.684		
8,460.00	6,185.93	8,583.01	6,260.61	65.49	65.98	178.35	-561.27	2,158.80	992.75	861.91	130.84	7.588		
8,490.00	6,185.69	8,613.01	6,260.45	66.31	66.80	178.35	-560.42	2,188.79	992.76	860.28	132.47	7.494		
8,520.00	6,185.44	8,643.01	6,260.30	67.13	67.62	178.35	-559.57	2,218.77	992.76	858.66	134.11	7.403		
8,550.00	6,185.19	8,673.01	6,260.14	67.95	68.44	178.35	-558.72	2,248.76	992.77	857.03	135.75	7.314		
8,580.00	6,184.95	8,703.01	6,259.98	68.77	69.26	178.35	-557.87	2,278.75	992.78	855.40	137.38	7.226		
8,610.00	6,184.70	8,733.01	6,259.83	69.59	70.08	178.35	-557.02	2,308.74	992.79	853.77	139.02	7.141		
8,640.00	6,184.46	8,763.01	6,259.67	70.41	70.90	178.35	-556.17	2,338.72	992.80	852.14	140.66	7.058		
8,670.00	6,184.21	8,793.01	6,259.51	71.23	71.72	178.35	-555.32	2,368.71	992.81	850.51	142.30	6.977		
8,700.00	6,183.96	8,823.01	6,259.35	72.06	72.54	178.35	-554.46	2,398.70	992.82	848.88	143.95	6.897		
8,730.00	6,183.72	8,853.01	6,259.20	72.88	73.37	178.35	-553.61	2,428.69	992.83	847.24	145.59	6.819		
8,760.00	6,183.47	8,883.01	6,259.04	73.70	74.19	178.35	-552.76	2,458.67	992.84	845.61	147.23	6.743		
8,790.00	6,183.22	8,913.01	6,258.88	74.53	75.01	178.35	-551.91	2,488.66	992.85	843.97	148.88	6.669		
8,820.00	6,182.98	8,943.01	6,258.73	75.35	75.84	178.35	-551.06	2,518.65	992.86	842.34	150.52	6.596		
8,850.00	6,182.73	8,973.01	6,258.57	76.17	76.66	178.35	-550.21	2,548.63	992.87	840.70	152.17	6.525		
8,880.00	6,182.48	9,003.01	6,258.41	77.00	77.48	178.35	-549.36	2,578.62	992.88	839.07	153.81	6.455		
8,910.00	6,182.24	9,033.01	6,258.26	77.82	78.31	178.35	-548.50	2,608.61	992.89	837.43	155.46	6.387		
8,940.00	6,181.99	9,063.01	6,258.10	78.65	79.13	178.35	-547.65	2,638.60	992.90	835.79	157.11	6.320		
8,970.00	6,181.74	9,093.01	6,257.94	79.48	79.96	178.35	-546.80	2,668.58	992.91	834.15	158.75	6.254		
9,000.00	6,181.50	9,123.01	6,257.78	80.30	80.78	178.35	-545.95	2,698.57	992.92	832.51	160.40	6.190		
9,030.00	6,181.25	9,153.01	6,257.63	81.13	81.61	178.35	-545.10	2,728.56	992.93	830.87	162.05	6.127		
9,060.00	6,181.00	9,183.01	6,257.47	81.96	82.44	178.35	-544.25	2,758.55	992.94	829.23	163.70	6.066		
9,090.00	6,180.76	9,213.01	6,257.31	82.78	83.26	178.35	-543.40	2,788.53	992.95	827.59	165.35	6.005		
9,120.00	6,180.51	9,243.01	6,257.16	83.61	84.09	178.35	-542.55	2,818.52	992.96	825.95	167.00	5.946		
9,150.00	6,180.26	9,273.01	6,257.00	84.44	84.92	178.35	-541.69	2,848.51	992.96	824.31	168.65	5.888		
9,180.00	6,180.02	9,303.01	6,256.84	85.27	85.74	178.35	-540.84	2,878.50	992.97	822.67	170.30	5.831		
9,210.00	6,179.77	9,333.01	6,256.68	86.09	86.57	178.35	-539.99	2,908.48	992.98	821.03	171.96	5.775		
9,240.00	6,179.52	9,363.01	6,256.53	86.92	87.40	178.35	-539.14	2,938.47	992.99	819.38	173.61	5.720		
9,270.00	6,179.28	9,393.01	6,256.37	87.75	88.23	178.35	-538.29	2,968.46	993.00	817.74	175.26	5.666		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Bill Barrett Corp.	<b>Local Co-ordinate Reference:</b>	Well Anschutz State 5-62-26-1609BH2
<b>Project:</b>	Weld Co., CO	<b>TVD Reference:</b>	WELL @ 4656.00usft (Original Well Elev)
<b>Reference Site:</b>	Sec.26-T5N-R62W	<b>MD Reference:</b>	WELL @ 4656.00usft (Original Well Elev)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Anschutz State 5-62-26-1609BH2	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDMDBBW
<b>Reference Design:</b>	Design #2	<b>Offset TVD Reference:</b>	Reference Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 0-MWD													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Azimuth from North (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
9,300.00	6,179.03	9,423.00	6,256.21	88.58	89.06	178.35	-537.44	2,998.45	993.01	816.10	176.92	5.613		
9,330.00	6,178.78	9,453.00	6,256.06	89.41	89.89	178.35	-536.59	3,028.43	993.02	814.45	178.57	5.561		
9,360.00	6,178.54	9,483.00	6,255.90	90.24	90.71	178.35	-535.73	3,058.42	993.03	812.81	180.22	5.510		
9,390.00	6,178.29	9,513.00	6,255.74	91.07	91.54	178.35	-534.88	3,088.41	993.04	811.16	181.88	5.460		
9,420.00	6,178.04	9,543.00	6,255.59	91.90	92.37	178.35	-534.03	3,118.39	993.05	809.52	183.53	5.411		
9,450.00	6,177.80	9,573.00	6,255.43	92.73	93.20	178.35	-533.18	3,148.38	993.06	807.87	185.19	5.362		
9,480.00	6,177.55	9,603.00	6,255.27	93.56	94.03	178.35	-532.33	3,178.37	993.07	806.23	186.84	5.315		
9,510.00	6,177.30	9,633.00	6,255.11	94.39	94.86	178.35	-531.48	3,208.36	993.08	804.58	188.50	5.268		
9,540.00	6,177.06	9,663.00	6,254.96	95.22	95.69	178.35	-530.63	3,238.34	993.09	802.93	190.16	5.222		
9,570.00	6,176.81	9,693.00	6,254.80	96.05	96.52	178.35	-529.78	3,268.33	993.10	801.29	191.81	5.177		
9,600.00	6,176.57	9,723.00	6,254.64	96.88	97.35	178.35	-528.92	3,298.32	993.11	799.64	193.47	5.133		
9,630.00	6,176.32	9,753.00	6,254.49	97.71	98.18	178.35	-528.07	3,328.31	993.12	797.99	195.13	5.090		
9,660.00	6,176.07	9,783.00	6,254.33	98.54	99.01	178.35	-527.22	3,358.29	993.13	796.34	196.78	5.047		
9,690.00	6,175.83	9,813.00	6,254.17	99.37	99.84	178.35	-526.37	3,388.28	993.14	794.70	198.44	5.005		
9,720.00	6,175.58	9,843.00	6,254.01	100.20	100.68	178.35	-525.52	3,418.27	993.15	793.05	200.10	4.963		
9,750.00	6,175.33	9,873.00	6,253.86	101.04	101.51	178.35	-524.67	3,448.26	993.16	791.40	201.76	4.922		
9,780.00	6,175.09	9,903.00	6,253.70	101.87	102.34	178.35	-523.82	3,478.24	993.17	789.75	203.42	4.882		
9,810.00	6,174.84	9,933.00	6,253.54	102.70	103.17	178.35	-522.96	3,508.23	993.18	788.10	205.08	4.843		
9,840.00	6,174.59	9,963.00	6,253.39	103.53	104.00	178.35	-522.11	3,538.22	993.19	786.45	206.74	4.804		
9,870.00	6,174.35	9,993.00	6,253.23	104.36	104.83	178.35	-521.26	3,568.21	993.20	784.80	208.40	4.766		
9,900.00	6,174.10	10,023.00	6,253.07	105.20	105.67	178.35	-520.41	3,598.19	993.21	783.15	210.06	4.728		
9,930.00	6,173.85	10,053.00	6,252.91	106.03	106.50	178.35	-519.56	3,628.18	993.22	781.50	211.72	4.691		
9,960.00	6,173.61	10,083.00	6,252.76	106.86	107.33	178.35	-518.71	3,658.17	993.23	779.85	213.38	4.655		
9,990.00	6,173.36	10,113.00	6,252.60	107.69	108.16	178.35	-517.86	3,688.16	993.24	778.20	215.04	4.619		
10,020.00	6,173.11	10,143.00	6,252.44	108.53	109.00	178.35	-517.01	3,718.14	993.25	776.55	216.70	4.584		
10,050.00	6,172.87	10,173.00	6,252.29	109.36	109.83	178.35	-516.15	3,748.13	993.26	774.90	218.36	4.549		
10,080.00	6,172.62	10,203.00	6,252.13	110.19	110.66	178.35	-515.30	3,778.12	993.27	773.25	220.02	4.514		
10,110.00	6,172.37	10,233.00	6,251.97	111.03	111.49	178.35	-514.45	3,808.10	993.28	771.60	221.68	4.481		
10,140.00	6,172.13	10,263.00	6,251.82	111.86	112.33	178.35	-513.60	3,838.09	993.29	769.95	223.34	4.447		
10,170.00	6,171.88	10,293.00	6,251.66	112.69	113.16	178.35	-512.75	3,868.08	993.30	768.29	225.00	4.415		
10,200.00	6,171.63	10,323.00	6,251.50	113.53	113.99	178.35	-511.90	3,898.07	993.31	766.64	226.66	4.382		
10,230.00	6,171.39	10,353.00	6,251.34	114.36	114.83	178.35	-511.05	3,928.05	993.32	764.99	228.33	4.350		
10,260.00	6,171.14	10,383.00	6,251.19	115.19	115.66	178.35	-510.19	3,958.04	993.33	763.34	229.99	4.319		
10,290.00	6,170.89	10,413.00	6,251.03	116.03	116.49	178.35	-509.34	3,988.03	993.34	761.69	231.65	4.288		
10,320.00	6,170.65	10,443.00	6,250.87	116.86	117.33	178.35	-508.49	4,018.02	993.35	760.03	233.31	4.258		
10,350.00	6,170.40	10,473.00	6,250.72	117.70	118.16	178.35	-507.64	4,048.00	993.36	758.38	234.98	4.227		
10,380.00	6,170.15	10,503.00	6,250.56	118.53	119.00	178.35	-506.79	4,077.99	993.37	756.73	236.64	4.198		
10,410.00	6,169.91	10,533.00	6,250.40	119.36	119.83	178.35	-505.94	4,107.98	993.38	755.07	238.30	4.169		
10,440.00	6,169.66	10,563.00	6,250.24	120.20	120.66	178.35	-505.09	4,137.97	993.39	753.42	239.96	4.140		
10,470.00	6,169.42	10,593.00	6,250.09	121.03	121.50	178.35	-504.24	4,167.95	993.40	751.77	241.63	4.111		
10,500.00	6,169.17	10,623.00	6,249.93	121.87	122.33	178.35	-503.38	4,197.94	993.41	750.12	243.29	4.083		
10,530.00	6,168.92	10,653.00	6,249.77	122.70	123.17	178.35	-502.53	4,227.93	993.42	748.46	244.95	4.056		
10,560.00	6,168.68	10,683.00	6,249.62	123.54	124.00	178.35	-501.68	4,257.92	993.43	746.81	246.62	4.028		
10,590.00	6,168.43	10,713.00	6,249.46	124.37	124.84	178.35	-500.83	4,287.90	993.44	745.15	248.28	4.001		
10,620.00	6,168.18	10,743.00	6,249.30	125.21	125.67	178.35	-499.98	4,317.89	993.45	743.50	249.95	3.975		
10,650.00	6,167.94	10,773.00	6,249.14	126.04	126.51	178.35	-499.13	4,347.88	993.46	741.85	251.61	3.948		
10,680.00	6,167.69	10,803.00	6,248.99	126.88	127.34	178.35	-498.28	4,377.86	993.47	740.19	253.27	3.922		
10,710.00	6,167.44	10,833.00	6,248.83	127.71	128.17	178.35	-497.42	4,407.85	993.48	738.54	254.94	3.897		
10,740.00	6,167.20	10,863.00	6,248.67	128.55	129.01	178.35	-496.57	4,437.84	993.49	736.88	256.60	3.872		
10,770.00	6,166.95	10,893.00	6,248.52	129.38	129.84	178.35	-495.72	4,467.83	993.50	735.23	258.27	3.847		
10,800.00	6,166.70	10,923.00	6,248.36	130.22	130.68	178.35	-494.87	4,497.81	993.51	733.57	259.93	3.822		
10,830.00	6,166.46	10,953.00	6,248.20	131.05	131.52	178.35	-494.02	4,527.80	993.52	731.92	261.60	3.798		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Bill Barrett Corp.	<b>Local Co-ordinate Reference:</b>	Well Anschutz State 5-62-26-1609BH2
<b>Project:</b>	Weld Co., CO	<b>TVD Reference:</b>	WELL @ 4656.00usft (Original Well Elev)
<b>Reference Site:</b>	Sec.26-T5N-R62W	<b>MD Reference:</b>	WELL @ 4656.00usft (Original Well Elev)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Anschutz State 5-62-26-1609BH2	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDMDBBW
<b>Reference Design:</b>	Design #2	<b>Offset TVD Reference:</b>	Reference Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 0-MWD													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Azimuth from North (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
10,860.00	6,166.21	10,983.00	6,248.05	131.89	132.35	178.35	-493.17	4,557.79	993.53	730.26	263.26	3.774		
10,890.00	6,165.96	11,013.00	6,247.89	132.72	133.19	178.35	-492.32	4,587.78	993.54	728.61	264.93	3.750		
10,920.00	6,165.72	11,043.00	6,247.73	133.56	134.02	178.35	-491.47	4,617.76	993.55	726.95	266.59	3.727		
10,950.00	6,165.47	11,073.00	6,247.57	134.40	134.86	178.35	-490.61	4,647.75	993.56	725.30	268.26	3.704		
10,980.00	6,165.22	11,103.00	6,247.42	135.23	135.69	178.35	-489.76	4,677.74	993.57	723.64	269.92	3.681		
11,010.00	6,164.98	11,133.00	6,247.26	136.07	136.53	178.35	-488.91	4,707.73	993.58	721.99	271.59	3.658		
11,040.00	6,164.73	11,163.00	6,247.10	136.90	137.36	178.35	-488.06	4,737.71	993.59	720.33	273.25	3.636		
11,070.00	6,164.48	11,193.00	6,246.95	137.74	138.20	178.35	-487.21	4,767.70	993.60	718.68	274.92	3.614		
11,100.00	6,164.24	11,223.00	6,246.79	138.58	139.04	178.35	-486.36	4,797.69	993.61	717.02	276.59	3.592		
11,130.00	6,163.99	11,253.00	6,246.63	139.41	139.87	178.35	-485.51	4,827.68	993.62	715.37	278.25	3.571		
11,160.00	6,163.74	11,283.00	6,246.47	140.25	140.71	178.35	-484.65	4,857.66	993.63	713.71	279.92	3.550		
11,190.00	6,163.50	11,313.00	6,246.32	141.08	141.54	178.35	-483.80	4,887.65	993.64	712.06	281.58	3.529		
11,220.00	6,163.25	11,343.00	6,246.16	141.92	142.38	178.35	-482.95	4,917.64	993.65	710.40	283.25	3.508		
11,250.00	6,163.00	11,373.00	6,246.00	142.76	143.22	178.35	-482.10	4,947.62	993.66	708.74	284.91	3.488		
11,280.00	6,162.76	11,403.00	6,245.85	143.59	144.05	178.35	-481.25	4,977.61	993.67	707.09	286.58	3.467		
11,310.00	6,162.51	11,433.00	6,245.69	144.43	144.89	178.35	-480.40	5,007.60	993.68	705.43	288.25	3.447		
11,340.00	6,162.26	11,462.99	6,245.53	145.27	145.72	178.35	-479.55	5,037.59	993.69	703.78	289.91	3.428		
11,370.00	6,162.02	11,492.99	6,245.37	146.10	146.56	178.35	-478.70	5,067.57	993.70	702.12	291.58	3.408		
11,400.00	6,161.77	11,522.99	6,245.22	146.94	147.40	178.35	-477.84	5,097.56	993.71	700.46	293.25	3.389		
11,430.00	6,161.53	11,552.99	6,245.06	147.78	148.23	178.35	-476.99	5,127.55	993.72	698.81	294.91	3.370		
11,460.00	6,161.28	11,582.99	6,244.90	148.61	149.07	178.35	-476.14	5,157.54	993.73	697.15	296.58	3.351		
11,490.00	6,161.03	11,612.99	6,244.75	149.45	149.91	178.35	-475.29	5,187.52	993.74	695.49	298.25	3.332		
11,520.00	6,160.79	11,642.99	6,244.59	150.29	150.74	178.35	-474.44	5,217.51	993.75	693.84	299.91	3.313		
11,550.00	6,160.54	11,672.99	6,244.43	151.12	151.58	178.35	-473.59	5,247.50	993.76	692.18	301.58	3.295		
11,580.00	6,160.29	11,702.99	6,244.28	151.96	152.42	178.35	-472.74	5,277.49	993.77	690.52	303.25	3.277		
11,610.00	6,160.05	11,732.99	6,244.12	152.80	153.25	178.35	-471.88	5,307.47	993.78	688.87	304.91	3.259		
11,640.00	6,159.80	11,762.99	6,243.96	153.63	154.09	178.35	-471.03	5,337.46	993.79	687.21	306.58	3.242		
11,670.00	6,159.55	11,792.99	6,243.80	154.47	154.93	178.35	-470.18	5,367.45	993.80	685.55	308.25	3.224		
11,700.00	6,159.31	11,822.99	6,243.65	155.31	155.76	178.35	-469.33	5,397.44	993.81	683.90	309.91	3.207		
11,730.00	6,159.06	11,852.99	6,243.49	156.14	156.60	178.35	-468.48	5,427.42	993.82	682.24	311.58	3.190		
11,760.00	6,158.81	11,882.99	6,243.33	156.98	157.44	178.35	-467.63	5,457.41	993.83	680.58	313.25	3.173		
11,790.00	6,158.57	11,912.99	6,243.18	157.82	158.27	178.35	-466.78	5,487.40	993.84	678.93	314.92	3.156		
11,820.00	6,158.32	11,942.99	6,243.02	158.66	159.11	178.35	-465.93	5,517.38	993.85	677.27	316.58	3.139		
11,850.00	6,158.07	11,972.99	6,242.86	159.49	159.95	178.35	-465.07	5,547.37	993.86	675.61	318.25	3.123		
11,880.00	6,157.83	12,002.99	6,242.70	160.33	160.79	178.35	-464.22	5,577.36	993.87	673.96	319.92	3.107		
11,910.00	6,157.58	12,032.99	6,242.55	161.17	161.62	178.35	-463.37	5,607.35	993.88	672.30	321.59	3.091		
11,940.00	6,157.33	12,062.99	6,242.39	162.01	162.46	178.35	-462.52	5,637.33	993.89	670.64	323.25	3.075		
11,970.00	6,157.09	12,092.99	6,242.23	162.84	163.30	178.35	-461.67	5,667.32	993.91	668.98	324.92	3.059		
12,000.00	6,156.84	12,122.99	6,242.08	163.68	164.14	178.35	-460.82	5,697.31	993.92	667.33	326.59	3.043		
12,030.00	6,156.59	12,152.99	6,241.92	164.52	164.97	178.35	-459.97	5,727.30	993.93	665.67	328.26	3.028		
12,060.00	6,156.35	12,182.99	6,241.76	165.36	165.81	178.35	-459.11	5,757.28	993.94	664.01	329.92	3.013		
12,090.00	6,156.10	12,212.99	6,241.61	166.19	166.65	178.35	-458.26	5,787.27	993.95	662.36	331.59	2.998		
12,120.00	6,155.85	12,242.99	6,241.45	167.03	167.48	178.35	-457.41	5,817.26	993.96	660.70	333.26	2.983		
12,150.00	6,155.61	12,272.99	6,241.29	167.87	168.32	178.35	-456.56	5,847.25	993.97	659.04	334.93	2.968		
12,180.00	6,155.36	12,302.99	6,241.13	168.71	169.16	178.35	-455.71	5,877.23	993.98	657.38	336.60	2.953		
12,210.00	6,155.11	12,332.99	6,240.98	169.54	170.00	178.35	-454.86	5,907.22	993.99	655.73	338.26	2.939		
12,240.00	6,154.87	12,362.99	6,240.82	170.38	170.83	178.35	-454.01	5,937.21	994.00	654.07	339.93	2.924		
12,270.00	6,154.62	12,392.99	6,240.66	171.22	171.67	178.35	-453.16	5,967.20	994.01	652.41	341.60	2.910		
12,300.00	6,154.37	12,422.99	6,240.51	172.06	172.51	178.35	-452.30	5,997.18	994.02	650.75	343.27	2.896		
12,330.00	6,154.13	12,452.99	6,240.35	172.89	173.35	178.35	-451.45	6,027.17	994.03	649.10	344.93	2.882		
12,360.00	6,153.88	12,482.99	6,240.19	173.73	174.19	178.35	-450.60	6,057.16	994.04	647.44	346.60	2.868		
12,390.00	6,153.64	12,512.99	6,240.03	174.57	175.02	178.35	-449.75	6,087.14	994.05	645.78	348.27	2.854		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Bill Barrett Corp.	<b>Local Co-ordinate Reference:</b>	Well Anschutz State 5-62-26-1609BH2
<b>Project:</b>	Weld Co., CO	<b>TVD Reference:</b>	WELL @ 4656.00usft (Original Well Elev)
<b>Reference Site:</b>	Sec.26-T5N-R62W	<b>MD Reference:</b>	WELL @ 4656.00usft (Original Well Elev)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Anschutz State 5-62-26-1609BH2	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDMDBBW
<b>Reference Design:</b>	Design #2	<b>Offset TVD Reference:</b>	Reference Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 0-MWD													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Azimuth from North (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
12,420.00	6,153.39	12,542.99	6,239.88	175.41	175.86	178.35	-448.90	6,117.13	994.06	644.12	349.94	2.841		
12,450.00	6,153.14	12,572.99	6,239.72	176.25	176.70	178.35	-448.05	6,147.12	994.07	642.47	351.61	2.827		
12,480.00	6,152.90	12,602.99	6,239.56	177.08	177.54	178.35	-447.20	6,177.11	994.08	640.81	353.28	2.814		
12,510.00	6,152.65	12,632.99	6,239.41	177.92	178.37	178.35	-446.34	6,207.09	994.09	639.15	354.94	2.801		
12,540.00	6,152.40	12,662.99	6,239.25	178.76	179.21	178.35	-445.49	6,237.08	994.10	637.49	356.61	2.788		
12,570.00	6,152.16	12,692.99	6,239.09	179.60	180.05	178.35	-444.64	6,267.07	994.11	635.83	358.28	2.775		
12,600.00	6,151.91	12,722.99	6,238.93	180.44	180.89	178.35	-443.79	6,297.06	994.12	634.18	359.95	2.762		
12,630.00	6,151.66	12,752.99	6,238.78	181.27	181.73	178.35	-442.94	6,327.04	994.14	632.52	361.62	2.749		
12,660.00	6,151.42	12,782.99	6,238.62	182.11	182.56	178.35	-442.09	6,357.03	994.15	630.86	363.28	2.737		
12,690.00	6,151.17	12,812.99	6,238.46	182.95	183.40	178.35	-441.24	6,387.02	994.16	629.20	364.95	2.724		
12,720.00	6,150.92	12,842.99	6,238.31	183.79	184.24	178.35	-440.39	6,417.01	994.17	627.55	366.62	2.712		
12,750.00	6,150.68	12,872.99	6,238.15	184.63	185.08	178.35	-439.53	6,446.99	994.18	625.89	368.29	2.699		
12,780.00	6,150.43	12,902.99	6,237.99	185.47	185.92	178.35	-438.68	6,476.98	994.19	624.23	369.96	2.687		
12,810.00	6,150.18	12,932.99	6,237.84	186.30	186.75	178.35	-437.83	6,506.97	994.20	622.57	371.63	2.675		
12,840.00	6,149.94	12,962.99	6,237.68	187.14	187.59	178.35	-436.98	6,536.96	994.21	620.91	373.30	2.663		
12,870.00	6,149.69	12,992.99	6,237.52	187.98	188.43	178.35	-436.13	6,566.94	994.22	619.26	374.96	2.652		
12,900.00	6,149.44	13,022.99	6,237.36	188.82	189.27	178.35	-435.28	6,596.93	994.23	617.60	376.63	2.640		
12,930.00	6,149.20	13,052.99	6,237.21	189.66	190.11	178.35	-434.43	6,626.92	994.24	615.94	378.30	2.628		
12,960.00	6,148.95	13,082.99	6,237.05	190.50	190.95	178.35	-433.57	6,656.91	994.25	614.28	379.97	2.617		
12,990.00	6,148.70	13,112.99	6,236.89	191.33	191.78	178.35	-432.72	6,686.89	994.26	612.62	381.64	2.605		
13,020.00	6,148.46	13,142.99	6,236.74	192.17	192.62	178.35	-431.87	6,716.88	994.27	610.97	383.31	2.594		
13,050.00	6,148.21	13,172.99	6,236.58	193.01	193.46	178.35	-431.02	6,746.87	994.28	609.31	384.97	2.583		
13,080.00	6,147.96	13,202.99	6,236.42	193.85	194.30	178.35	-430.17	6,776.85	994.29	607.65	386.64	2.572		
13,110.00	6,147.72	13,232.99	6,236.26	194.69	195.14	178.35	-429.32	6,806.84	994.31	605.99	388.31	2.561		
13,140.00	6,147.47	13,262.99	6,236.11	195.53	195.98	178.35	-428.47	6,836.83	994.32	604.34	389.98	2.550		
13,170.00	6,147.22	13,292.99	6,235.95	196.36	196.81	178.35	-427.62	6,866.82	994.33	602.68	391.65	2.539		
13,200.00	6,146.98	13,322.99	6,235.79	197.20	197.65	178.35	-426.76	6,896.80	994.34	601.02	393.32	2.528		
13,230.00	6,146.73	13,352.99	6,235.64	198.04	198.49	178.35	-425.91	6,926.79	994.35	599.36	394.99	2.517		
13,260.00	6,146.48	13,382.99	6,235.48	198.88	199.33	178.35	-425.06	6,956.78	994.36	597.70	396.65	2.507		
13,290.00	6,146.24	13,412.99	6,235.32	199.72	200.17	178.35	-424.21	6,986.77	994.37	596.05	398.32	2.496		
13,320.00	6,145.99	13,442.99	6,235.16	200.56	201.01	178.35	-423.36	7,016.75	994.38	594.39	399.99	2.486		
13,350.00	6,145.75	13,472.99	6,235.01	201.40	201.85	178.35	-422.51	7,046.74	994.39	592.73	401.66	2.476		
13,380.00	6,145.50	13,502.99	6,234.85	202.24	202.68	178.35	-421.66	7,076.73	994.40	591.07	403.33	2.465		
13,410.00	6,145.25	13,532.99	6,234.69	203.07	203.52	178.35	-420.80	7,106.72	994.41	589.41	405.00	2.455		
13,440.00	6,145.01	13,562.99	6,234.54	203.91	204.36	178.35	-419.95	7,136.70	994.42	587.76	406.67	2.445		
13,470.00	6,144.76	13,592.99	6,234.38	204.75	205.20	178.35	-419.10	7,166.69	994.43	586.10	408.34	2.435		
13,500.00	6,144.51	13,622.99	6,234.22	205.59	206.04	178.35	-418.25	7,196.68	994.44	584.44	410.00	2.425		
13,530.00	6,144.27	13,652.99	6,234.07	206.43	206.88	178.35	-417.40	7,226.67	994.46	582.78	411.67	2.416		
13,560.00	6,144.02	13,682.99	6,233.91	207.27	207.72	178.35	-416.55	7,256.65	994.47	581.12	413.34	2.406		
13,590.00	6,143.77	13,712.98	6,233.75	208.11	208.55	178.35	-415.70	7,286.64	994.48	579.47	415.01	2.396		
13,620.00	6,143.53	13,742.98	6,233.59	208.95	209.39	178.35	-414.85	7,316.63	994.49	577.81	416.68	2.387		
13,650.00	6,143.28	13,772.98	6,233.44	209.78	210.23	178.35	-413.99	7,346.61	994.50	576.15	418.35	2.377		
13,680.00	6,143.03	13,802.98	6,233.28	210.62	211.07	178.35	-413.14	7,376.60	994.51	574.49	420.02	2.368		
13,710.00	6,142.79	13,832.98	6,233.12	211.46	211.91	178.35	-412.29	7,406.59	994.52	572.83	421.69	2.358		
13,740.00	6,142.54	13,862.98	6,232.97	212.30	212.75	178.35	-411.44	7,436.58	994.53	571.18	423.35	2.349		
13,770.00	6,142.29	13,892.98	6,232.81	213.14	213.59	178.35	-410.59	7,466.56	994.54	569.52	425.02	2.340		
13,800.00	6,142.05	13,922.98	6,232.65	213.98	214.43	178.35	-409.74	7,496.55	994.55	567.86	426.69	2.331		
13,830.00	6,141.80	13,952.98	6,232.49	214.82	215.27	178.35	-408.89	7,526.54	994.56	566.20	428.36	2.322		
13,860.00	6,141.55	13,982.98	6,232.34	215.66	216.10	178.35	-408.03	7,556.53	994.57	564.55	430.03	2.313		
13,890.00	6,141.31	14,012.98	6,232.18	216.50	216.94	178.35	-407.18	7,586.51	994.59	562.89	431.70	2.304		
13,920.00	6,141.06	14,042.98	6,232.02	217.33	217.78	178.35	-406.33	7,616.50	994.60	561.23	433.37	2.295		
13,950.00	6,140.81	14,072.98	6,231.87	218.17	218.62	178.35	-405.48	7,646.49	994.61	559.57	435.04	2.286		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Bill Barrett Corp.	<b>Local Co-ordinate Reference:</b>	Well Anschutz State 5-62-26-1609BH2
<b>Project:</b>	Weld Co., CO	<b>TVD Reference:</b>	WELL @ 4656.00usft (Original Well Elev)
<b>Reference Site:</b>	Sec.26-T5N-R62W	<b>MD Reference:</b>	WELL @ 4656.00usft (Original Well Elev)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Anschutz State 5-62-26-1609BH2	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDMDBBW
<b>Reference Design:</b>	Design #2	<b>Offset TVD Reference:</b>	Reference Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 0-MWD													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Azimuth from North (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
13,980.00	6,140.57	14,102.98	6,231.71	219.01	219.46	178.35	-404.63	7,676.48	994.62	557.91	436.70	2.278		
14,010.00	6,140.32	14,132.98	6,231.55	219.85	220.30	178.35	-403.78	7,706.46	994.63	556.26	438.37	2.269		
14,040.00	6,140.07	14,162.98	6,231.40	220.69	221.14	178.35	-402.93	7,736.45	994.64	554.60	440.04	2.260		
14,070.00	6,139.83	14,192.98	6,231.24	221.53	221.98	178.35	-402.08	7,766.44	994.65	552.94	441.71	2.252		
14,100.00	6,139.58	14,222.98	6,231.08	222.37	222.82	178.35	-401.22	7,796.43	994.66	551.28	443.38	2.243		
14,130.00	6,139.33	14,252.98	6,230.92	223.21	223.65	178.35	-400.37	7,826.41	994.67	549.62	445.05	2.235		
14,160.00	6,139.09	14,282.98	6,230.77	224.05	224.49	178.35	-399.52	7,856.40	994.68	547.97	446.72	2.227		
14,190.00	6,138.84	14,312.98	6,230.61	224.89	225.33	178.35	-398.67	7,886.39	994.69	546.31	448.39	2.218		
14,220.00	6,138.60	14,342.98	6,230.45	225.73	226.17	178.35	-397.82	7,916.37	994.71	544.65	450.05	2.210		
14,250.00	6,138.35	14,372.98	6,230.30	226.56	227.01	178.35	-396.97	7,946.36	994.72	542.99	451.72	2.202		
14,280.00	6,138.10	14,402.98	6,230.14	227.40	227.85	178.35	-396.12	7,976.35	994.73	541.34	453.39	2.194		
14,310.00	6,137.86	14,432.98	6,229.98	228.24	228.69	178.35	-395.26	8,006.34	994.74	539.68	455.06	2.186		
14,340.00	6,137.61	14,462.98	6,229.82	229.08	229.53	178.35	-394.41	8,036.32	994.75	538.02	456.73	2.178		
14,370.00	6,137.36	14,492.98	6,229.67	229.92	230.37	178.35	-393.56	8,066.31	994.76	536.36	458.40	2.170		
14,400.00	6,137.12	14,522.98	6,229.51	230.76	231.21	178.35	-392.71	8,096.30	994.77	534.70	460.07	2.162		
14,430.00	6,136.87	14,552.98	6,229.35	231.60	232.05	178.35	-391.86	8,126.29	994.78	533.05	461.74	2.154		
14,460.00	6,136.62	14,582.98	6,229.20	232.44	232.89	178.35	-391.01	8,156.27	994.79	531.39	463.40	2.147		
14,490.00	6,136.38	14,612.98	6,229.04	233.28	233.72	178.35	-390.16	8,186.26	994.80	529.73	465.07	2.139		
14,520.00	6,136.13	14,642.98	6,228.88	234.12	234.56	178.35	-389.31	8,216.25	994.82	528.07	466.74	2.131		
14,550.00	6,135.88	14,672.98	6,228.72	234.96	235.40	178.35	-388.45	8,246.24	994.83	526.42	468.41	2.124		
14,580.00	6,135.64	14,702.98	6,228.57	235.80	236.24	178.35	-387.60	8,276.22	994.84	524.76	470.08	2.116		
14,610.00	6,135.39	14,732.98	6,228.41	236.64	237.08	178.35	-386.75	8,306.21	994.85	523.10	471.75	2.109		
14,640.00	6,135.14	14,762.98	6,228.25	237.47	237.92	178.35	-385.90	8,336.20	994.86	521.44	473.42	2.101		
14,670.00	6,134.90	14,792.98	6,228.10	238.31	238.76	178.35	-385.05	8,366.19	994.87	519.79	475.09	2.094		
14,700.00	6,134.65	14,822.98	6,227.94	239.15	239.60	178.35	-384.20	8,396.17	994.88	518.13	476.75	2.087		
14,730.00	6,134.40	14,852.98	6,227.78	239.99	240.44	178.35	-383.35	8,426.16	994.89	516.47	478.42	2.080		
14,760.00	6,134.16	14,882.98	6,227.63	240.83	241.28	178.35	-382.49	8,456.15	994.90	514.81	480.09	2.072		
14,790.00	6,133.91	14,912.98	6,227.47	241.67	242.12	178.35	-381.64	8,486.13	994.92	513.16	481.76	2.065		
14,820.00	6,133.66	14,942.98	6,227.31	242.51	242.96	178.35	-380.79	8,516.12	994.93	511.50	483.43	2.058		
14,850.00	6,133.42	14,972.98	6,227.15	243.35	243.80	178.35	-379.94	8,546.11	994.94	509.84	485.10	2.051		
14,880.00	6,133.17	15,002.98	6,227.00	244.19	244.64	178.35	-379.09	8,576.10	994.95	508.18	486.77	2.044		
14,910.00	6,132.92	15,032.98	6,226.84	245.03	245.47	178.35	-378.24	8,606.08	994.96	506.53	488.43	2.037		
14,940.00	6,132.68	15,062.98	6,226.68	245.87	246.31	178.35	-377.39	8,636.07	994.97	504.87	490.10	2.030		
14,970.00	6,132.43	15,092.98	6,226.53	246.71	247.15	178.35	-376.54	8,666.06	994.98	503.21	491.77	2.023		
15,000.00	6,132.18	15,122.98	6,226.37	247.55	247.99	178.35	-375.68	8,696.05	994.99	501.55	493.44	2.016		
15,030.00	6,131.94	15,152.98	6,226.21	248.39	248.83	178.35	-374.83	8,726.03	995.00	499.90	495.11	2.010		
15,060.00	6,131.69	15,182.98	6,226.05	249.23	249.67	178.35	-373.98	8,756.02	995.02	498.24	496.78	2.003		
15,090.00	6,131.44	15,212.98	6,225.90	250.07	250.51	178.35	-373.13	8,786.01	995.03	496.58	498.45	1.996		
15,120.00	6,131.20	15,242.98	6,225.74	250.91	251.35	178.35	-372.28	8,816.00	995.04	494.92	500.12	1.990		
15,150.00	6,130.95	15,272.98	6,225.58	251.75	252.19	178.35	-371.43	8,845.98	995.05	493.27	501.78	1.983		
15,180.00	6,130.71	15,302.98	6,225.43	252.58	253.03	178.35	-370.58	8,875.97	995.06	491.61	503.45	1.976		
15,210.00	6,130.46	15,332.98	6,225.27	253.42	253.87	178.35	-369.72	8,905.96	995.07	489.95	505.12	1.970		
15,240.00	6,130.21	15,362.98	6,225.11	254.26	254.71	178.35	-368.87	8,935.95	995.08	488.29	506.79	1.964		
15,270.00	6,129.97	15,392.98	6,224.95	255.10	255.55	178.35	-368.02	8,965.93	995.09	486.64	508.46	1.957		
15,300.00	6,129.72	15,422.98	6,224.80	255.94	256.39	178.35	-367.17	8,995.92	995.11	484.98	510.13	1.951		
15,330.00	6,129.47	15,452.98	6,224.64	256.78	257.23	178.35	-366.32	9,025.91	995.12	483.32	511.79	1.944		
15,360.00	6,129.23	15,482.98	6,224.48	257.62	258.07	178.34	-365.47	9,055.89	995.13	481.67	513.46	1.938		
15,390.00	6,128.98	15,512.98	6,224.33	258.46	258.91	178.34	-364.62	9,085.88	995.14	480.01	515.13	1.932		
15,420.00	6,128.73	15,542.98	6,224.17	259.30	259.75	178.34	-363.77	9,115.87	995.15	478.35	516.80	1.926		
15,450.00	6,128.49	15,572.98	6,224.01	260.14	260.58	178.34	-362.91	9,145.86	995.16	476.69	518.47	1.919		
15,480.00	6,128.24	15,602.98	6,223.86	260.98	261.42	178.34	-362.06	9,175.84	995.17	475.04	520.14	1.913		
15,510.00	6,127.99	15,632.98	6,223.70	261.82	262.26	178.34	-361.21	9,205.83	995.18	473.38	521.81	1.907		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Bill Barrett Corp.	<b>Local Co-ordinate Reference:</b>	Well Anschutz State 5-62-26-1609BH2
<b>Project:</b>	Weld Co., CO	<b>TVD Reference:</b>	WELL @ 4656.00usft (Original Well Elev)
<b>Reference Site:</b>	Sec.26-T5N-R62W	<b>MD Reference:</b>	WELL @ 4656.00usft (Original Well Elev)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Anschutz State 5-62-26-1609BH2	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDMDBBW
<b>Reference Design:</b>	Design #2	<b>Offset TVD Reference:</b>	Reference Datum

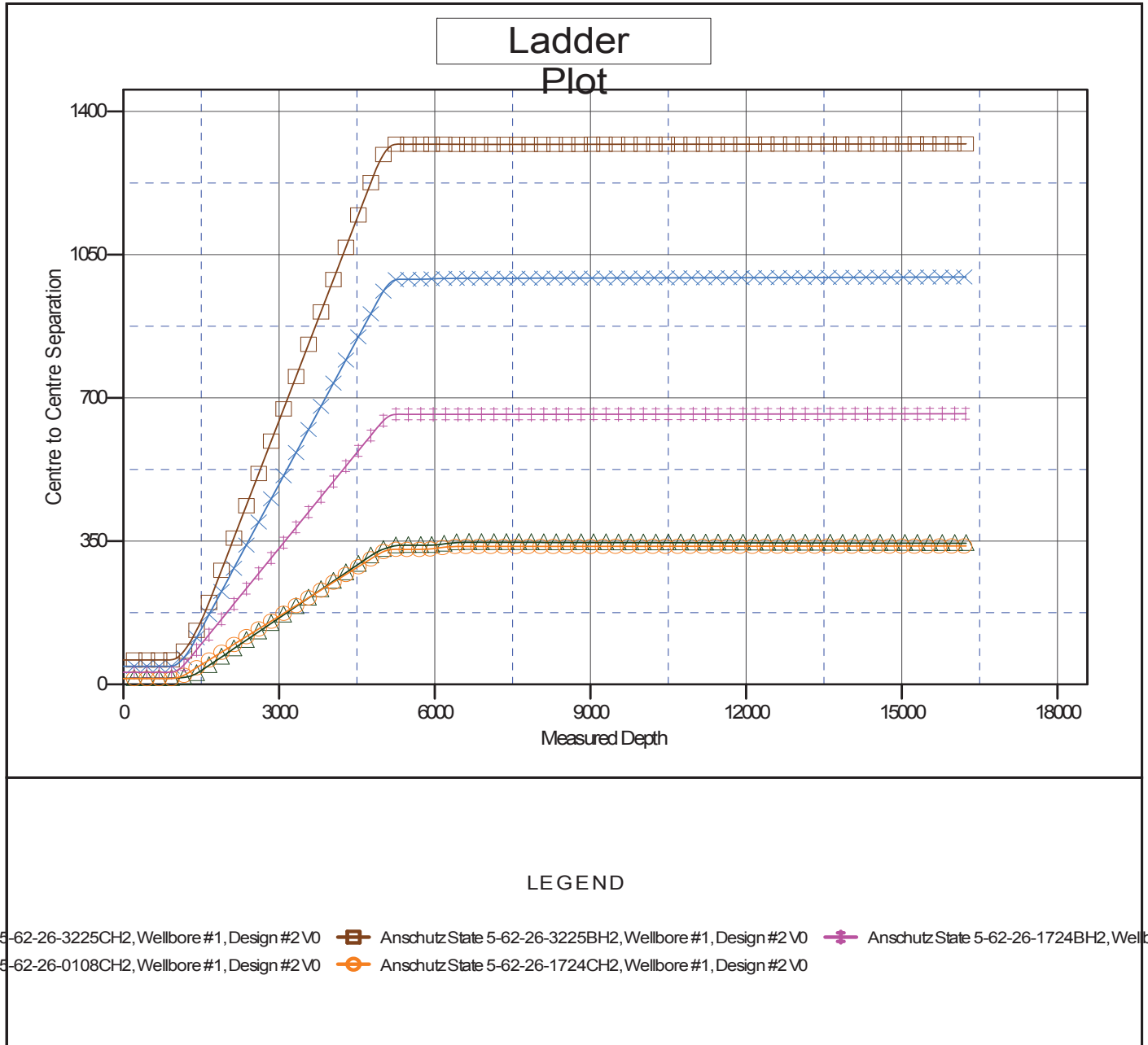
Offset Design      Sec.26-T5N-R62W - Anschutz State 5-62-26-3225CH2 - Wellbore #1 - Design #2													Offset Site Error:	0.00 usft
Survey Program:      0-MWD													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Azimuth from North (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
15,540.00	6,127.75	15,662.98	6,223.54	262.66	263.10	178.34	-360.36	9,235.82	995.20	471.72	523.47	1.901		
15,570.00	6,127.50	15,692.98	6,223.38	263.50	263.94	178.34	-359.51	9,265.81	995.21	470.07	525.14	1.895		
15,600.00	6,127.25	15,722.98	6,223.23	264.34	264.78	178.34	-358.66	9,295.79	995.22	468.41	526.81	1.889		
15,630.00	6,127.01	15,752.98	6,223.07	265.18	265.62	178.34	-357.81	9,325.78	995.23	466.75	528.48	1.883		
15,660.00	6,126.76	15,782.98	6,222.91	266.02	266.46	178.34	-356.95	9,355.77	995.24	465.09	530.15	1.877		
15,690.00	6,126.51	15,812.98	6,222.76	266.86	267.30	178.34	-356.10	9,385.76	995.25	463.44	531.82	1.871		
15,720.00	6,126.27	15,842.98	6,222.60	267.70	268.14	178.34	-355.25	9,415.74	995.26	461.78	533.48	1.866		
15,750.00	6,126.02	15,872.98	6,222.44	268.54	268.98	178.34	-354.40	9,445.73	995.28	460.12	535.15	1.860		
15,780.00	6,125.77	15,902.98	6,222.28	269.38	269.82	178.34	-353.55	9,475.72	995.29	458.47	536.82	1.854		
15,810.00	6,125.53	15,932.98	6,222.13	270.22	270.66	178.34	-352.70	9,505.71	995.30	456.81	538.49	1.848		
15,840.00	6,125.28	15,962.97	6,221.97	271.06	271.50	178.34	-351.85	9,535.69	995.31	455.15	540.16	1.843		
15,870.00	6,125.03	15,992.97	6,221.81	271.90	272.34	178.34	-351.00	9,565.68	995.32	453.50	541.83	1.837		
15,900.00	6,124.79	16,022.97	6,221.66	272.74	273.18	178.34	-350.14	9,595.67	995.33	451.84	543.49	1.831		
15,930.00	6,124.54	16,052.97	6,221.50	273.58	274.02	178.34	-349.29	9,625.66	995.34	450.18	545.16	1.826		
15,960.00	6,124.29	16,082.97	6,221.34	274.42	274.86	178.34	-348.44	9,655.64	995.36	448.53	546.83	1.820		
15,990.00	6,124.05	16,112.97	6,221.18	275.26	275.70	178.34	-347.59	9,685.63	995.37	446.87	548.50	1.815		
16,020.00	6,123.80	16,142.97	6,221.03	276.09	276.54	178.34	-346.74	9,715.62	995.38	445.21	550.17	1.809		
16,050.00	6,123.55	16,172.97	6,220.87	276.93	277.38	178.34	-345.89	9,745.60	995.39	443.56	551.83	1.804		
16,080.00	6,123.31	16,202.97	6,220.71	277.77	278.22	178.34	-345.04	9,775.59	995.40	441.90	553.50	1.798		
16,110.00	6,123.06	16,232.97	6,220.56	278.61	279.06	178.34	-344.18	9,805.58	995.41	440.24	555.17	1.793		
16,140.00	6,122.82	16,262.97	6,220.40	279.45	279.90	178.34	-343.33	9,835.57	995.42	438.59	556.84	1.788		
16,170.00	6,122.57	16,292.97	6,220.24	280.29	280.74	178.34	-342.48	9,865.55	995.44	436.93	558.51	1.782		
16,200.00	6,122.32	16,322.97	6,220.09	281.13	281.58	178.34	-341.63	9,895.54	995.45	435.27	560.18	1.777		
16,204.64	6,122.28	16,327.62	6,220.06	281.26	281.71	178.34	-341.50	9,900.18	995.45	435.02	560.43	1.776		
16,230.00	6,122.08	16,339.37	6,220.00	281.97	282.04	179.13	-341.17	9,911.93	995.55	434.09	561.47	1.773		
16,239.34	6,122.00	16,339.37	6,220.00	282.24	282.04	179.67	-341.17	9,911.93	995.73	434.00	561.73	1.773 SF		



<b>Company:</b>	Bill Barrett Corp.	<b>Local Co-ordinate Reference:</b>	Well Anschutz State 5-62-26-1609BH2
<b>Project:</b>	Weld Co., CO	<b>TVD Reference:</b>	WELL @ 4656.00usft (Original Well Elev)
<b>Reference Site:</b>	Sec.26-T5N-R62W	<b>MD Reference:</b>	WELL @ 4656.00usft (Original Well Elev)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Anschutz State 5-62-26-1609BH2	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDMDBBW
<b>Reference Design:</b>	Design #2	<b>Offset TVD Reference:</b>	Reference Datum

Reference Depths are relative to WELL @ 4656.00usft (Original Well E  
Offset Depths are relative to Offset Datum  
Central Meridian is 105° 30' 0.000 W

Coordinates are relative to: Anschutz State 5-62-26-1609BH2  
Coordinate System is US State Plane 1983, Colorado Northern Zone  
Grid Convergence at Surface is: 0.78°



<b>Company:</b>	Bill Barrett Corp.	<b>Local Co-ordinate Reference:</b>	Well Anschutz State 5-62-26-1609BH2
<b>Project:</b>	Weld Co., CO	<b>TVD Reference:</b>	WELL @ 4656.00usft (Original Well Elev)
<b>Reference Site:</b>	Sec.26-T5N-R62W	<b>MD Reference:</b>	WELL @ 4656.00usft (Original Well Elev)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Anschutz State 5-62-26-1609BH2	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDMDBBW
<b>Reference Design:</b>	Design #2	<b>Offset TVD Reference:</b>	Reference Datum

Reference Depths are relative to WELL @ 4656.00usft (Original Well E  
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Central Meridian is 105° 30' 0.000 W

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Coordinate System is US State Plane 1983, Colorado Northern Zone  
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