



Job Number: SVGJ-140765

Company: Bill Barrett Corp.

Lease/Well: Anschulz State 5-61-19-6457CHZ

Location: Weld County, CO

Rig Name: MS Energy Wireline

RKB: 0'

G.L. or M.S.L.: GL

State/Country: Colorado/USA

Declination: 8.18°

Grid: East To True North

File name: S:\2014SU~1\BILLBA~1\GJ\ANSCHU~1\5-61-19\6457CHZ.SVY

Date/Time: 24-Jun-14 / 11:33

Curve Name: Surface - 742' M.D. (Rate Gyro)

## MS SURVEY

### WINSERVE SURVEY CALCULATIONS

*Minimum Curvature Method*

*Vertical Section Plane .00*

*Vertical Section Referenced to Wellhead*

*Rectangular Coordinates Referenced to Wellhead*

<i>Measured Depth FT</i>	<i>Incl Angle Deg</i>	<i>Drift Direction Deg</i>	<i>True Vertical Depth</i>	<i>N-S FT</i>	<i>E-W FT</i>	<i>Vertical Section FT</i>	<i>C L O S U R E</i>		<i>Dogleg Severity Deg/100</i>
							<i>Distance FT</i>	<i>Direction Deg</i>	
.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
100.00	.32	262.15	100.00	-.04	-.28	-.04	.28	262.15	.32
200.00	.46	234.42	200.00	-.31	-.88	-.31	.93	250.60	.23
300.00	.30	184.08	300.00	-.80	-1.22	-.80	1.47	236.70	.35
400.00	.45	140.57	399.99	-1.37	-.99	-1.37	1.69	215.98	.31
500.00	.44	140.19	499.99	-1.97	-.50	-1.97	2.03	194.23	.01
600.00	.52	126.80	599.99	-2.53	.11	-2.53	2.54	177.51	.14
700.00	.49	91.04	699.98	-2.81	.90	-2.81	2.95	162.24	.31
Last Survey Depth Recorded									
742.00	.60	105.52	741.98	-2.88	1.29	-2.88	3.15	155.79	.42