



Job Number: SVGJ-140418

Company: Bill Barrett Corp.

Lease/Well: Auschutv State 4-62-2-3228BH2

Location: Weld County, CO

Rig Name: MS Energy Wireline

RKB: 0'

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

State/Country: Colorado/USA

Declination: 8.23°

Grid: East To True North

File name: Y:\WINSER~1\2014SU~1\BILLBA~1\GJ\AUSCHU~1\4622\3228BH2.SVY

Date/Time: 10-Apr-14 / 10:38

Curve Name: Surface - 744' 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	.41	218.65	100.00	-.28	-.22	-.28	.36	218.65	.41
200.00	.31	168.89	200.00	-.82	-.39	-.82	.91	205.59	.32
300.00	.66	99.24	299.99	-1.18	.23	-1.18	1.20	169.19	.62
400.00	.46	69.12	399.99	-1.13	1.17	-1.13	1.63	134.06	.35
500.00	.06	304.33	499.99	-.96	1.50	-.96	1.78	122.57	.50
600.00	.21	195.34	599.99	-1.11	1.41	-1.11	1.79	128.13	.24
700.00	.35	265.27	699.99	-1.31	1.06	-1.31	1.68	141.07	.34
Last Survey Depth Recorded									
744.00	.15	305.33	743.99	-1.29	.88	-1.29	1.56	145.75	.58