

Job Number: CA141782

State/Country: Colorado

Company: Craigs Energy

Declination: 8.4

Lease/Well: Schmunk

Grid:

Location: Eaton

File name: C:\USERS\2CE037~1\DESKTOP\CA141782.SVY

Rig Name: Craigs 7

Date/Time: 05-Sep-14 / 00:39

RKB:

Curve Name: Schmunk EF-31-367HN

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

Crescent Drictional**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 Distance FT</i>	<i>Direction Deg</i>	<i>Dogleg Severity Deg/100</i>
.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
123.00	.80	51.10	123.00	.54	.67	.54	.86	51.10	.65
213.00	.30	33.40	212.99	1.13	1.29	1.13	1.71	48.70	.58
303.00	.50	22.10	302.99	1.69	1.56	1.69	2.30	42.77	.24
393.00	.10	5.60	392.99	2.13	1.72	2.13	2.74	38.88	.45
483.00	.20	81.40	482.99	2.23	1.88	2.23	2.92	40.11	.22
573.00	.30	301.90	572.99	2.38	1.84	2.38	3.01	37.65	.52
663.00	.50	241.30	662.99	2.32	1.29	2.32	2.66	29.16	.49
753.00	.70	238.40	752.98	1.84	.48	1.84	1.90	14.63	.22
843.00	.30	258.40	842.98	1.51	-.22	1.51	1.52	351.76	.48
933.00	.30	249.70	932.98	1.38	-.67	1.38	1.53	334.06	.05
1023.00	.30	196.60	1022.97	1.07	-.96	1.07	1.44	318.15	.30
Projection to bit									
1070.00	.30	196.60	1069.97	.83	-1.03	.83	1.32	309.04	.00