

Job Number: CA141738

State/Country: Colorado

Company: Craigs Energy

Declination: 8.28

Lease/Well: Spaur EH 31-379HN

Grid: 52.24

Location: Sec 31, T7N, R63W

File name: C:\USERS\2CE331~1\DESKTOP\SPAURS~1\SPAURE~1

Rig Name: Craig # 7

Date/Time: 26-Aug-14 / 00:01

RKB: 4752

Curve Name: Spaur EH 31-379HN

G.L. or M.S.L.: 4736

**Spaur EH 31-379HN****WINSERVE PROPOSAL REPORT***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
151.00	.30	294.30	151.00	.16	-.36	.16	.40	294.30	.20
241.00	.10	28.80	241.00	.33	-.54	.33	.63	301.44	.36
331.00	.10	252.60	331.00	.37	-.57	.37	.69	303.06	.21
421.00	.50	227.00	421.00	.08	-.94	.08	.94	275.04	.46
511.00	.50	205.60	510.99	-.54	-1.39	-.54	1.49	248.84	.21
601.00	.90	166.00	600.99	-1.58	-1.39	-1.58	2.11	221.39	.67
691.00	.60	186.30	690.98	-2.73	-1.27	-2.73	3.02	204.97	.44
781.00	.40	181.50	780.98	-3.52	-1.33	-3.52	3.76	200.76	.23
871.00	.30	177.80	870.97	-4.07	-1.33	-4.07	4.28	198.14	.11
961.00	.50	326.00	960.97	-3.98	-1.54	-3.98	4.26	201.20	.86
1041.00	.80	2.90	1040.97	-3.13	-1.71	-3.13	3.56	208.65	.63
<b>Straight Line Bit Projection</b>									
1070.00	.80	2.90	1069.97	-2.72	-1.69	-2.72	3.20	211.80	.00