

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 / 17:58

RKB: 4752

Curve Name: Spaur EH 31-382HN

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

**Spaur EH 31-382HN****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	.20	232.90	151.00	-.16	-.21	-.16	.26	232.90	.13
241.00	.40	186.00	241.00	-.57	-.37	-.57	.68	213.05	.33
331.00	.50	211.80	331.00	-1.21	-.61	-1.21	1.36	206.64	.25
421.00	.60	143.10	420.99	-1.92	-.53	-1.92	2.00	195.47	.70
511.00	.60	240.40	510.99	-2.53	-.66	-2.53	2.62	194.58	1.00
601.00	.30	324.10	600.99	-2.57	-1.21	-2.57	2.84	205.11	.71
691.00	.20	13.80	690.99	-2.23	-1.31	-2.23	2.59	210.37	.25
781.00	.40	129.20	780.99	-2.28	-1.03	-2.28	2.50	204.27	.58
871.00	.60	354.00	870.98	-2.01	-.83	-2.01	2.17	202.53	1.03
961.00	.50	1.40	960.98	-1.15	-.87	-1.15	1.44	217.27	.14
1041.00	.40	68.40	1040.98	-.69	-.60	-.69	.92	221.03	.63
<b>Straight Line Bit Projection</b>									
1070.00	.40	68.40	1069.98	-.62	-.42	-.62	.75	213.86	.00