

Minimun Curvature Calculation

Client: CARTEL DRILLING
Well: MT FED GLENFAIR 8W-20-17
County: WELD
Rig: CARTEL 41
M.W.D. OPERATORS: PETE ALDRICH /
DIRECTIONAL DRILLERS: BRENT LABORDE /
Tool Azimuth to: ue North 7.98
RKB: 8.00
Job #: KES0212191-5
VS Azimuth: 260.11
API#: 123-42183

Hole Depth	Survey Depth	Inc.	Azm.	Course Length	T.V.D.	Ver.Sect.	+N / -S	+E / -W	DLS
Tie-In	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
159	109	0.57	203.01	109.00	109.00	0.29	-0.50	-0.21	0.52
254	204	0.70	211.62	95.00	203.99	0.94	-1.43	-0.70	0.17
349	299	0.44	205.65	95.00	298.99	1.53	-2.25	-1.16	0.28
444	394	0.09	277.98	95.00	393.99	1.82	-2.57	-1.39	0.44
539	489	0.13	293.19	95.00	488.99	1.98	-2.52	-1.57	0.05
634	584	0.31	332.82	95.00	583.99	2.14	-2.25	-1.78	0.24
729	679	0.48	345.39	95.00	678.98	2.25	-1.63	-2.00	0.20
824	774	0.48	334.85	95.00	773.98	2.39	-0.89	-2.27	0.09
920	870	0.40	322.72	96.00	869.98	2.65	-0.26	-2.65	0.13
1015	965	1.10	198.09	95.00	964.97	3.23	-0.86	-3.13	1.44
1109	1059	2.59	197.38	94.00	1058.92	4.63	-3.74	-4.04	1.59
1204	1154	4.70	209.16	95.00	1153.72	8.06	-9.19	-6.58	2.35
1299	1249	6.32	213.21	95.00	1248.28	14.09	-16.97	-11.34	1.75
1394	1344	8.92	214.88	95.00	1342.44	22.85	-27.38	-18.42	2.75
1489	1439	11.16	214.00	95.00	1435.97	34.41	-41.05	-27.77	2.36
1584	1534	13.62	214.08	95.00	1528.76	48.55	-57.94	-39.18	2.59
1584	1584	13.62	214.09	50.00	1577.35	56.73	-67.69	-45.78	0.00