

Minimun Curvature Calculation

Client: CARTEL DRILLING
Well: MT FED GLENFAIR 8W-20-23
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 #: KES0212191-11
VS Azimuth: 253.73
API#: 123-42176

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	0.31	119.34	109.00	109.00	-0.21	-0.14	0.26	0.28
254	204	0.31	125.58	95.00	204.00	-0.54	-0.42	0.69	0.04
350	300	0.40	173.13	96.00	300.00	-0.65	-0.90	0.94	0.31
445	395	1.76	177.61	95.00	394.98	-0.25	-2.69	1.04	1.43
440	490	3.52	195.84	95.00	489.87	1.65	-6.95	0.31	2.03
635	585	5.84	203.54	95.00	584.55	6.30	-14.19	-2.42	2.52
730	680	7.56	205.65	95.00	678.90	13.57	-24.26	-7.06	1.83
825	775	9.58	206.70	95.00	772.83	23.13	-36.95	-13.31	2.13
920	870	11.07	207.58	95.00	866.29	34.84	-52.10	-21.09	1.58
1015	965	13.14	208.37	95.00	959.18	48.75	-69.69	-30.44	2.19
1110	1060	14.46	204.33	95.00	1051.43	64.06	-90.00	-40.46	1.72
1205	1155	17.09	205.56	95.00	1142.85	81.09	-113.40	-51.37	2.79
1300	1250	18.54	204.86	95.00	1233.29	100.33	-139.70	-63.75	1.54
1395	1345	21.88	206.26	95.00	1322.43	122.24	-169.29	-77.93	3.55
1489	1439	22.24	205.73	94.00	1409.55	145.98	-201.02	-93.40	0.44
1584	1534	25.09	203.54	95.00	1496.55	170.91	-235.69	-109.26	3.14
1628	1578	25.27	203.45	44.00	1536.37	182.89	-252.86	-116.72	0.42
1628	1628	25.27	203.45	50.00	1581.59	196.53	-272.44	-125.21	0.00