



Minimun Curvature Calculation

Client: CARTEL - EXTRACTION

MWD Operators: LOUIE ISAIS

Well: AD FED DAIRY # 20W-25-10

Directional Drillers: BRENT LABORDE

County: WELD

Correction to True North: 7.97

Rig: CARTEL 15

RKB:

14.7

Job #: KES0405192-10

VS Azimuth: 269.49

API#: 05-123-45032

		INC	AZM	TVD	+N/-S	+E/-W	VS	DLS
		0.00	0.00	0.00	0.00	0.00	0.00	0.00
163	113	0.57	263.82	113.00	-0.06	-0.56	0.56	0.50
250	200	1.23	256.44	199.99	-0.33	-1.90	1.90	0.77
337	287	1.27	267.34	286.97	-0.59	-3.77	3.77	0.28
425	375	0.18	306.27	374.96	-0.55	-4.85	4.86	1.29
512	462	0.31	9.99	461.96	-0.24	-4.92	4.92	0.32
599	549	0.70	43.92	548.95	0.37	-4.51	4.51	0.55
686	636	1.14	47.87	635.94	1.34	-3.50	3.49	0.51
774	724	0.40	134.53	723.94	1.71	-2.63	2.62	1.35
861	811	0.26	157.21	810.93	1.31	-2.34	2.33	0.22
948	898	0.48	162.22	897.93	0.79	-2.15	2.15	0.26
1035	985	0.75	203.09	984.93	-0.09	-2.27	2.27	0.57
1123	1073	0.75	203.09	1072.92	-1.15	-2.72	2.73	0.00
1210	1160	0.83	197.99	1159.91	-2.27	-3.14	3.16	0.12
1297	1247	0.35	239.65	1246.91	-3.00	-3.56	3.59	0.71
1385	1335	0.35	346.88	1334.91	-2.88	-3.85	3.88	0.64
1472	1422	0.66	353.91	1421.90	-2.12	-3.97	3.98	0.36
1559	1509	0.66	21.33	1508.90	-1.15	-3.84	3.85	0.36
1598	1548	0.62	43.21	1547.90	-0.79	-3.61	3.62	0.63
PTB	1598	0.62	43.21	1597.89	-0.40	-3.24	3.24	0.00

