



Minimun Curvature Calculation

Client: CARTEL - EXTRACTION

MWD Operators: LOUIE ISAIS

Well: AD FED DAIRY # 20W-25-13

Directional Drillers: BRENT LABORDE

County: WELD

Correction to True North: 7.97

Rig: CARTEL 15

RKB:

14.7

Job #: KES0405192-13

VS Azimuth: 266.92

API#: 05-123-45034

		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	0.18	44.82	113.00	0.13	0.13	-0.13	0.16
250	200	0.48	12.54	200.00	0.58	0.30	-0.33	0.39
337	287	0.22	314.80	287.00	1.05	0.26	-0.32	0.47
425	375	0.35	329.56	375.00	1.40	0.01	-0.08	0.17
512	462	0.62	328.77	461.99	2.03	-0.37	0.26	0.31
599	549	0.83	345.38	548.99	3.05	-0.78	0.61	0.34
686	636	0.88	0.59	635.98	4.32	-0.93	0.70	0.27
774	724	1.36	81.27	723.96	5.16	0.11	-0.39	1.70
861	811	1.41	136.29	810.94	4.54	1.87	-2.11	1.47
948	898	0.97	178.39	897.92	3.03	2.63	-2.79	1.09
1035	985	1.05	186.04	984.91	1.50	2.57	-2.64	0.18
1123	1073	0.66	259.69	1072.90	0.61	1.98	-2.01	1.22
1210	1160	1.23	277.97	1159.89	0.65	0.57	-0.60	0.73
1297	1247	1.10	291.15	1246.87	1.08	-1.14	1.08	0.34
1385	1335	1.14	6.83	1334.86	2.25	-1.82	1.70	1.56
1472	1422	0.92	17.81	1421.85	3.78	-1.50	1.30	0.34
1559	1509	0.57	54.90	1508.84	4.69	-0.94	0.68	0.66
1572	1522	0.53	60.53	1521.84	4.76	-0.83	0.57	0.52
PTB	1572	0.53	60.53	1571.84	4.99	-0.43	0.16	0.00

