



Minimun Curvature Calculation

Client: CARTEL 15

MWD Operators: RAY TAYLOR

Well: AD FED J EVANS #20W-25-2

Directional Drillers: BRENT LABORDE

County: WELD

Correction to True North: 7.97

Rig: CARTEL 15

RKB:

14.7

Job #: KES0405192-2

VS Azimuth:

API#: 05-123-45041

		INC	AZM	TVD	+N/-S	+E/-W	VS	DLS
		0.00	0.00	0.00	0.00	0.00	0.00	0.00
160	110	0.62	42.86	110.00	0.44	0.40	0.44	0.56
248	198	0.70	43.48	197.99	1.18	1.10	1.18	0.09
335	285	1.27	337.82	284.98	2.45	1.10	2.45	1.35
422	372	3.08	354.26	371.92	5.67	0.50	5.67	2.18
510	460	3.78	357.34	459.76	10.92	0.13	10.92	0.82
597	547	6.72	358.83	546.38	18.88	-0.11	18.88	3.38
684	634	8.79	345.12	632.59	30.39	-1.92	30.39	3.18
772	722	11.25	345.91	719.24	45.22	-5.73	45.22	2.80
859	809	12.74	347.14	804.34	62.80	-9.94	62.80	1.74
946	896	14.99	346.35	888.80	83.09	-14.73	83.09	2.60
1033	983	13.80	346.26	973.07	104.11	-19.85	104.11	1.37
1121	1071	14.06	348.72	1058.48	124.78	-24.43	124.78	0.73
1208	1158	13.97	352.68	1142.89	145.56	-27.83	145.56	1.11
1295	1245	14.02	352.94	1227.31	166.44	-30.47	166.44	0.09
1382	1332	13.18	348.63	1311.87	186.62	-33.72	186.62	1.51
1470	1420	13.27	350.13	1397.54	206.41	-37.43	206.41	0.40
1557	1507	12.88	351.71	1482.28	225.84	-40.54	225.84	0.61
1626	1576	13.27	352.68	1549.49	241.31	-42.66	241.31	0.65
PTB	1626	13.27	352.68	1598.16	252.69	-44.12	252.69	0.00

