

Minimun Curvature Calculation

Client: Cartel - Extraction

MWD Operators: Louie Isais

Well: Schlotthauer 23E-20-3N

Directional Drillers: Boudreaux

County: Weld

Correction to True North: 7.99

Rig: Cartel 15

RKB:

14

Job #: RE1010200-11

VS Azimuth: 65.25

API#: 05-123-48591

Hole Depth	Survey Depth	INC	AZM	TVD	+N/-S	+E/-W	VS	DLS	Date & time
0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
199	149	0.79	162.50	149.00	-0.98	0.31	-0.13	0.53	17-Oct-2020 3:03 PM
287	237	0.62	150.64	236.99	-1.97	0.72	-0.17	0.25	17-Oct-2020 3:18 PM
374	324	0.66	6.23	323.99	-1.89	1.01	0.13	1.40	17-Oct-2020 3:38 PM
461	411	2.59	354.81	410.95	0.57	0.89	1.04	2.24	17-Oct-2020 3:52 PM
548	498	4.09	346.98	497.80	5.55	0.01	2.33	1.80	17-Oct-2020 4:10 PM
635	585	6.37	348.57	584.43	13.31	-1.65	4.08	2.63	17-Oct-2020 4:23 PM
723	673	8.35	343.91	671.70	24.23	-4.38	6.16	2.35	17-Oct-2020 4:38 PM
810	760	9.58	341.89	757.64	37.18	-8.39	7.95	1.46	17-Oct-2020 4:51 PM
897	847	10.99	341.80	843.24	51.94	-13.23	9.73	1.62	17-Oct-2020 5:06 PM
984	934	12.74	340.83	928.37	68.88	-18.97	11.61	2.02	17-Oct-2020 5:21 PM
1071	1021	13.89	341.80	1013.03	87.86	-25.38	13.74	1.35	17-Oct-2020 5:37 PM
1158	1108	15.86	342.50	1097.12	109.12	-32.22	16.43	2.27	17-Oct-2020 5:53 PM
1245	1195	17.80	340.57	1180.39	133.00	-40.22	19.16	2.32	17-Oct-2020 6:10 PM
1332	1282	19.56	340.30	1262.80	159.26	-49.55	21.68	2.03	17-Oct-2020 6:27 PM
1420	1370	21.09	340.30	1345.32	188.03	-59.85	24.37	1.74	17-Oct-2020 6:45 PM
1507	1457	22.85	340.04	1426.00	218.65	-70.90	27.16	2.03	17-Oct-2020 7:02 PM
1594	1544	24.21	339.95	1505.76	251.29	-82.78	30.03	1.56	17-Oct-2020 7:21 PM
1623	1573	23.69	339.07	1532.26	262.31	-86.90	30.90	2.18	17-Oct-2020 7:29 PM
PTB	1623	24.99	339.07	1577.82	281.56	-94.26	32.28	2.60	

